AIR QUALITY, HEALTH RISK, GREENHOUSE GAS, AND ENERGY IMPACT REPORT

HANFORD NEVES RESIDENTIAL PROJECT

HANFORD, CALIFORNIA

LSA

December 2024

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LIST OF ABBREVIATIONS AND ACRONYMS

°C	degrees Celsius
°F	degrees Fahrenheit
µg/m^3	micrograms per cubic meter
AAQS	ambient air quality standards
AB	Assembly Bill
APS	Alternative Planning Strategy
AQMP	Air Quality Management Plan
BPS	best performance standards
BTU	British thermal units
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CAFE	Corporate Average Fuel Economy
CalEEMod	California Emissions Estimator Model
CALGreen Code	California Green Building Standards Code
CAP	Climate Action Plan
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CARB Handbook	California Air Resources Board's *Air Quality and Land Use Handbook*
CBSC	California Building Standards Commission
CCAA	California Clean Air Act
CCAP	Climate Change Action Plan
CCR	California Code of Regulations
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CEUS	California Commercial End Use Survey
CH_4	methane
City	City of Hanford
CO	carbon monoxide
CO_2	carbon dioxide

CO_2e	carbon dioxide equivalent
CPUC	California Public Utilities Commission
DPM	diesel particulate matter
EIA	Energy Information Administration
EIR	Environmental Impact Report
EMFAC2021	California Emissions Factor Model, Version 2021
EO	Executive Order
EV	electric vehicle
GAMAQI	*Guidance for Assessing and Mitigating Air Quality Impacts*
GHG	greenhouse gas
GHGRx	Greenhouse Gas Reduction Exchange
GWh	gigawatt-hour
GWP	global warming potential
HFCs	hydrofluorocarbons
HI	Hazard Index
HRA	Health Risk Assessment
IPCC	Intergovernmental Panel on Climate Change
ISR	Indirect Source Review
KCAG	Kings County Association of Governments
kWh	kilowatt-hour
MEI	maximally exposed individual
MICR	maximum individual cancer risk
MMT	million metric tons
mpg	miles per gallon
MPO	Metropolitan Planning Organization
MT	metric tons
MW	megawatt
N_2O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NHTSA	National Highway Traffic Safety Administration

NO_2	nitrogen dioxide
NOA	naturally occurring asbestos
NO_X	nitrogen oxides
O_3	ozone (or smog)
Pb	lead
PFCs	perfluorocarbons
PM	particulate matter
$PM_{2.5}$	particulate matter less than 2.5 microns in size
PM_{10}	particulate matter less than 10 microns in size
ppb	parts per billion
ppm	parts per million
PRC	Public Resources Code
Project	Hanford Neves Residential Project
RASS	Residential Appliance Saturation Survey
RCM	Regulatory Compliance Measure
ROCs	reactive organic compounds
ROGs	reactive organic gases
RPS	Renewables Portfolio Standard
RTP	Regional Transportation Plan
SB	Senate Bill
SCS	Sustainable Communities Strategy
SF_6	sulfur hexafluoride
SJVAB	San Joaquin Valley Air Basin
SJVAPCD	San Joaquin Valley Air Pollution Control District
SO_2	sulfur dioxide
SO_X	sulfur oxides
SUVs	sport utility vehicles
TAC	toxic air contaminant
TIA	Traffic Impact Analysis
UNFCCC	United Nations Framework Convention on Climate Change
USDOT	United States Department of Transportation

USEPA	United States Environmental Protection Agency
VMT	vehicle miles traveled
VOCs	volatile organic compounds
ZEV	zero-emission vehicle
ZNE	zero net energy

INTRODUCTION

This Air Quality, Heath Risk, Greenhouse Gas (GHG), and Energy Impact Report has been prepared to evaluate the potential air quality, health risk, energy, and GHG emissions impacts associated with the proposed Hanford Neves Residential Development Project (project) in Hanford, Kings County, California. This report follows the guidelines identified by the San Joaquin Valley Air Pollution Control District's (SJVAPCD) *Guidance for Assessing and Mitigating Air Quality Impacts* (GAMAQI).[1] This analysis describes existing air quality, including air quality and GHG emissions generated from project-related sources, regional air pollution, and global climate change. In addition, this analysis discusses energy use resulting from implementation of the proposed project and evaluates whether the proposed project would result in the wasteful, inefficient, or unnecessary consumption of energy resources or conflict with any applicable plans for renewable energy and energy efficiency.

PROJECT LOCATION AND DESCRIPTION

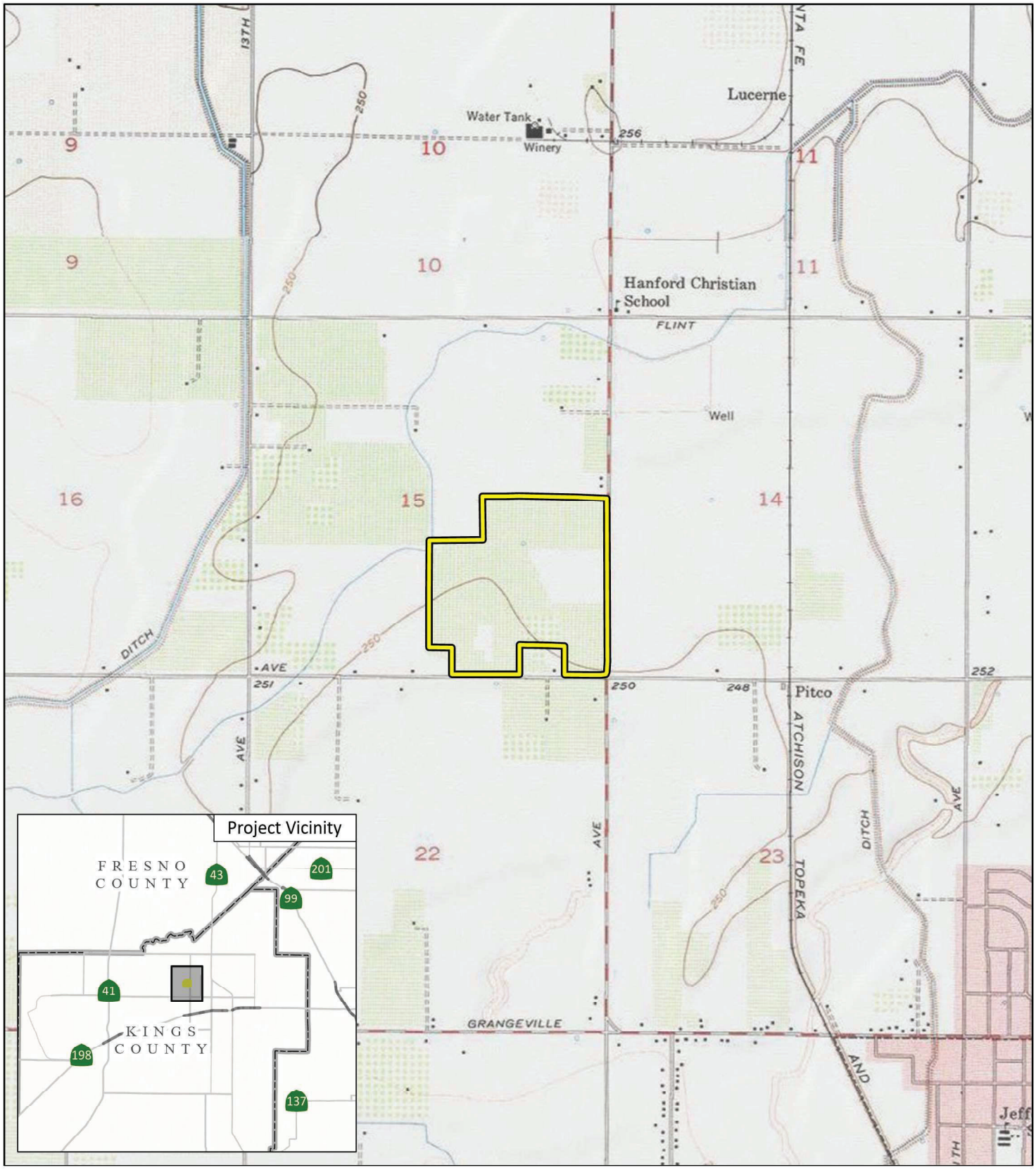
The proposed project includes the development of a single-family residential project consisting of 615 lots on approximately 135 acres. The proposed project includes annexation of the project site into the city limits of Hanford. The proposed project site is located at the northwest corner of 12th Avenue and Fargo Avenue in Hanford, Kings County, California, and is currently planted with orchards, with no buildings on site. The proposed project site is located in a rural residential area, with medium density single-family residential developments located to the south of the proposed project, and rural residences and agricultural land located to the west and the north of the property boundaries. The site is bounded to the east by 12th Avenue, and to the south by Fargo Avenue as well as by three rural residential parcels. See Figure 1, Regional Project Location, and Figure 2, Site Plan, below.

The proposed project would include the construction of a 615-unit single-family residential development. The proposed project would include 5.87 acres of storm basins and 7.05 acres for community parks and open space. The storm basin would have a dedicated access road of 0.05 acre. In addition, the proposed project would include approximately 47.27 acres of paved area for internal and exterior streets. The proposed project would not include natural gas. In addition, consistent with SJVAPCD Rule 4901,[2] this analysis assumes that the proposed project would not include any wood burning (or natural gas) fireplaces. The proposed project would also comply with the 2022 California Green Building Standards Code (CALGreen Code) building measures and Title 24 standards for solar and electric vehicles (EV). From the trip generation calculations included in the traffic study, the proposed project is estimated to generate 5,366 average daily trips.[3]

1 SJVAPCD. 2015. *Guidance for Assessing and Mitigating Air Quality Impacts*. March 19. Website: www.valleyair.org/transportation/ceqa_idx.htm (accessed June 2024).

2 SJVPCD. 2024. Current District Rules and Regulations. Website: ww2.valleyair.org/rules-and-planning/current-district-rules-and-regulations (accessed November 2024).

3 Ruettgers & Schuler Civil Engineers. 2024. Traffic Study: Subdivision Tract Map #944, 12th Avenue and Fargo Avenue, City of Hanford. July.



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Project Location

FIGURE 1

N

0 1000 2000
FEET

Hanford Neves Residential Project

Project Location

SOURCE: USGS 7.5' Quad *Hanford (1954)*, CA

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NOTES

1. DATE OF PREPARATION: APRIL 16, 2024
2. GENERAL PLAN DESIGNATION: LOW, MEDIUM AND HIGH DENSITY RESIDENTIAL
3. CITY ZONING:
4. AL. DISTANCES SHOWN ARE IN FEET & DECIMALS THEREOF AND ARE APPROXIMATE
5. OFFSITE STREETS = 4.89AC; ONSITE STREETS = 37.47AC; LOTS = XXAC; PARK & BASIN = 12.92AC
6. EXISTING LAND USE: ORCHARD
7. PROPOSED LAND USE: SINGLE FAMILY RESIDENTIAL
8. NATURAL GAS BY: THE GAS COMPANY
9. TELEPHONE BY: AT&T
10. POWER BY: SOUTHERN CALIFORNIA EDISON CO
11. CABLE T.V. BY: COMCAST
12. DOMESTIC WATER BY: CITY OF HANFORD
13. SEWAGE DISPOSAL BY: CITY OF HANFORD
14. REFUSE COLLECTION BY: CITY OF HANFORD
15. DRAINAGE: SEE BASIN

AREA

PHASE I GROSS:	44.63±AC
PHASE II GROSS:	64.49±AC
PHASE III GROSS:	34.57±AC
PHASE IV GROSS:	11.59±AC
TOTAL SITE:	155.26±AC
NEVES GROSS	128.68±AC
NEIGHBOR GROSS	6.59±AC
INTERIOR STREET DEDICATION	37.47±AC
PHASE I	13.11±AC
PHASE II	12.60±AC
PHASE III	8.61±AC
PHASE IV	2.75±AC
EXTERIOR STREET DEDICATION:	4.80±AC
PHASE I	0.32±AC
PHASE II	3.42±AC
PHASE III	1.85±AC
PHASE IV	1.21±AC
TOTAL STREET DEDICATION:	42.27±AC
STORM BASIN DEDICATION:	5.87±AC
BASIN ACCESS ROAD (20' WIDE)	0.65±AC
PARK DEDICATION:	7.65±AC
LANDSCAPE LOTS:	2.85±AC
LOTS:	77.39±AC

LOT COUNT PER PHASE

PHASE I	
32'X60' LOTS	73
50'X100' LOTS	0
60'X 110' LOTS	67
TOTAL	140
PHASE II	
32'X60' LOTS	73
50'X100' LOTS	73
60'X 110' LOTS	83
TOTAL	229
PHASE III	
32'X60' LOTS	82
50'X100' LOTS	53
60'X 110' LOTS	50
TOTAL	185
PHASE IV	
32'X60' LOTS	0
50'X100' LOTS	57
60'X 110' LOTS	0
TOTAL	57
TOTAL LOTS:	611

LOT INFORMATION

PHASE I	17.67±AC
PHASE II	29.52±AC
PHASE III	22.93±AC
PHASE IV	7.30±AC
TOTAL LOTS:	77.39±AC

LANDSCAPE LOT INFORMATION

PHASE I	1.56AC/8 LOTS
PHASE II	1.65AC/9 LOTS
PHASE III	1.81AC/6 LOTS
PHASE IV	1.34AC/1 LOT
TOTALS:	4.65±AC/24 LOTS

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FIGURE 2

0 300 600

FEET

SOURCE: Zumwalt Hansen Inc.

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Hanford Neves Residential Project

Site Plan

Construction activities for the project would include site preparation, grading, building construction, paving, and architectural coating. Construction of the proposed project is anticipated to begin in February 2025 and would occur for approximately 5 years. It is assumed that the proposed project would not require the import or export of soil. Grading, site preparation, and building activities would involve the use of standard earthmoving equipment such as large excavators, cranes, and other related equipment.

EXISTING LAND USES IN THE PROJECT AREA

For the purposes of this analysis, sensitive receptors are areas of the population that have an increased sensitivity to air pollution or environmental contaminants. Sensitive receptor locations include residences, schools, daycare centers, hospitals, parks, and similar uses that are sensitive to air quality. Impacts on sensitive receptors are of particular concern because those receptors are the population most vulnerable to the effects of air pollution. The project site is surrounded primarily by agricultural and residential uses. Nearby sensitive receptors include residences located within 65 to 200 feet from the property boundaries to the north, south, and to the east.

BACKGROUND

This section provides current background information on air pollutants and GHGs and associated health effects. It also provides current regulatory background information, including information from the California Air Resources Board's (CARB) *Air Quality and Land Use Handbook* (CARB Handbook),[4] a description of the general health risks of toxics, and the significance criteria for project evaluation. In addition, this section provides background information on energy usage in the project area.

AIR POLLUTANTS AND HEALTH EFFECTS

Both State and federal governments have established health-based ambient air quality standards (California Ambient Air Quality Standards [CAAQS] and National Ambient Air Quality Standards [NAAQS], respectively) for six criteria air pollutants:[5] carbon monoxide (CO), ozone (O_3), nitrogen dioxide (NO_2), sulfur dioxide (SO_2), lead (Pb), and suspended particulate matter (PM). In addition, the State has set standards for sulfates, hydrogen sulfide, vinyl chloride, and visibility-reducing particles. These standards are designed to protect the health and welfare of the populace with a reasonable margin of safety. Long-term exposure to elevated levels of criteria pollutants may result in adverse health effects. However, emission thresholds established by an air district are used to manage total regional emissions within an air basin based on the air basin's attainment status for criteria pollutants. These emission thresholds were established for individual projects that would contribute to regional emissions and pollutant concentrations and could adversely affect or delay the projected attainment target year for certain criteria pollutants.

Because of the conservative nature of the thresholds and the basin-wide context of individual project emissions, there is no known direct correlation between a single project and localized air quality-related health effects. One individual project that generates emissions exceeding a threshold does not necessarily result in adverse health effects for residents in the project vicinity. This condition is especially true when the criteria pollutants exceeding thresholds are those with regional effects, such as ozone precursors like nitrogen oxides (NO_X) and volatile organic compounds (VOCs).

Occupants of facilities such as schools, daycare centers, parks and playgrounds, hospitals, and nursing and convalescent homes are considered to be more sensitive than the general public to air pollutants because these population groups have increased susceptibility to respiratory disease. Persons engaged in strenuous outdoor work or exercise also have increased sensitivity to poor air quality. Residential areas are considered more sensitive to air quality conditions, compared to commercial and industrial areas, because people generally spend longer periods of time at their residences, with greater associated exposure to ambient air quality conditions. Recreational uses

[4] California Air Resources Board (CARB). 2005. *Air Quality and Land Use Handbook: A Community Health Perspective.* April.

[5] Criteria pollutants are defined as those pollutants for which the federal and State governments have established ambient air quality standards, or criteria, for outdoor concentrations in order to protect public health.

are also considered sensitive compared to commercial and industrial uses due to greater exposure to ambient air quality conditions associated with exercise.

Ozone

Rather than being directly emitted, O_3 (smog) is formed by photochemical reactions between NO_X and VOCs. O_3 is a pungent, colorless gas. Elevated ozone concentrations result in reduced lung function, particularly during vigorous physical activity. This health problem is particularly acute in sensitive receptors such as the sick, elderly, and young children. O_3 levels peak during the summer and early fall months.

Carbon Monoxide

CO is formed by the incomplete combustion of fossil fuels, almost entirely from automobiles. It is a colorless, odorless gas that can cause dizziness, fatigue, and impairments to central nervous system functions. CO passes through the lungs into the bloodstream, where it interferes with the transfer of oxygen to body tissues.

Particulate Matter

PM is the term used for a mixture of solid particles and liquid droplets found in the air. Coarse particles are those that are 10 microns or less in diameter (PM_{10}). Fine, suspended particulate matter with an aerodynamic diameter of 2.5 microns or less ($PM_{2.5}$), is not readily filtered out by the lungs. Nitrates, sulfates, dust, and combustion particulates are major components of PM_{10} and $PM_{2.5}$. These small particles can be directly emitted into the atmosphere as byproducts of fuel combustion; through abrasion, such as tire or brake lining wear; or through fugitive dust (wind or mechanical erosion of soil). They can also be formed in the atmosphere through chemical reactions. Particulates may transport carcinogens and other toxic compounds that adhere to the particle surfaces and can enter the human body through the lungs.

Nitrogen Dioxide

NO_2 is a reddish-brown gas that is a byproduct of combustion processes. Automobiles and industrial operations are the main sources of NO_2. Aside from its contribution to ozone formation, NO_2 also contributes to other pollution problems, including a high concentration of fine particulate matter, poor visibility, and acid deposition. NO_2 may be visible as a coloring component on high pollution days, especially in conjunction with high ozone levels. NO_2 decreases lung function and may reduce resistance to infection.

Sulfur Dioxide

SO_2 is a colorless, irritating gas formed primarily from incomplete combustion of fuels containing sulfur. Industrial facilities also contribute to gaseous SO_2 levels in the region. SO_2 irritates the respiratory tract, can injure lung tissue when combined with fine particulate matter, and reduces visibility and the level of sunlight.

Lead

Leaded gasoline (phased out in the United States beginning in 1973), paint (on older houses and cars), smelters (metal refineries), and the manufacture of lead storage batteries have been the primary sources of lead released into the atmosphere. Lead has multiple adverse neurotoxic health effects, and children are at special risk. Some lead-containing chemicals cause cancer in animals. Lead levels in the air have decreased substantially since leaded gasoline was eliminated. Ambient lead concentrations are only monitored on an as-warranted, site-specific basis in California. On October 15, 2008, the United States Environmental Protection Agency (USEPA) strengthened the NAAQS for lead by lowering it from 1.5 to 0.15 micrograms per cubic meter ($\mu g/m^3$). The USEPA revised the monitoring requirements for lead in December 2010. These requirements focus on airports and large urban areas, resulting in an increase in 76 monitors nationally.

Volatile Organic Compounds

VOCs (also known as reactive organic gases [ROGs] and reactive organic compounds [ROCs]) are formed from the combustion of fuels and the evaporation of organic solvents. VOCs are not defined as criteria pollutants, however, because VOCs accumulate in the atmosphere more quickly during the winter, when sunlight is limited and photochemical reactions are slower, they are a prime component of the photochemical smog reaction. There are no attainment designations for VOCs.

Toxic Air Contaminants

In addition to the criteria pollutants discussed above, toxic air contaminants (TACs) are another group of pollutants of concern. TACs are injurious in small quantities and are regulated by the USEPA and the CARB. Some examples of TACs include benzene, butadiene, formaldehyde, and hydrogen sulfide. The identification, regulation, and monitoring of TACs is relatively recent compared to that for criteria pollutants.

TACs do not have ambient air quality standards (AAQS), but are regulated by the USEPA, the CARB, and the SJVAPCD. In 1998, the CARB identified particulate matter from diesel-fueled engines as a TAC. The CARB has completed a risk management process that identified potential cancer risks for a range of activities using diesel-fueled engines.[6] High-volume freeways, stationary diesel engines, and facilities attracting heavy and constant diesel vehicle traffic (e.g., distribution centers and truck stops) were identified as posing the highest risk to adjacent receptors. Other facilities associated with increased risk include warehouse distribution centers, large retail or industrial facilities, high-volume transit centers, and schools with a high volume of bus traffic. Health risks from TACs are a function of both concentration and duration of exposure.

Unlike TACs emitted from industrial and other stationary sources noted above, most diesel particulate matter (DPM) is emitted from mobile sources—primarily "off-road" sources such as construction and mining equipment, agricultural equipment, and truck-mounted refrigeration units, as well as "on-road" sources such as trucks and buses traveling on freeways and local roadways.

[6] CARB. 2000. Stationary Source Division and Mobile Source Control Division. *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles.* October.

Although not specifically monitored, recent studies indicate that exposure to DPM may contribute significantly to a cancer risk (a risk of approximately 500 to 700 in 1,000,000) that is greater than all other measured TACs combined.[7] The technology for reducing DPM emissions from heavy-duty trucks is well established, and both State and federal agencies are moving aggressively to regulate engines and emission control systems to reduce and remediate diesel emissions. The CARB anticipated that by 2020, average statewide DPM concentrations will decrease by 85 percent from levels in 2000 with full implementation of the CARB's Diesel Risk Reduction Plan,[8] meaning that the statewide health risk from DPM is expected to decrease from 540 cancer cases in 1,000,000 to 21.5 cancer cases in 1,000,000. The CARB 2000 Diesel Risk Reduction Plan is still the most recent version and has not been updated.

Table A summarizes the sources and health effects of air pollutants discussed in this section. Table B presents a summary of CAAQS and NAAQS.

Table A: Sources and Health Effects of Air Pollutants

Pollutants	Sources	Primary Effects
Carbon Monoxide (CO)	● Incomplete combustion of fuels and other carbon-containing substances, such as motor exhaust ● Natural events, such as decomposition of organic matter	● Reduced tolerance for exercise ● Impairment of mental function ● Impairment of fetal development ● Death at high levels of exposure ● Aggravation of some heart diseases (angina)
Nitrogen Dioxide (NO_2)	● Motor vehicle exhaust ● High temperature stationary combustion ● Atmospheric reactions	● Aggravation of respiratory illness ● Reduced visibility ● Reduced plant growth ● Formation of acid rain
Ozone (O_3)	● Atmospheric reaction of organic gases with nitrogen oxides in sunlight	● Aggravation of respiratory and cardiovascular diseases ● Irritation of eyes ● Impairment of cardiopulmonary function ● Plant leaf injury
Lead (Pb)	● Contaminated soil	● Impairment of blood functions and nerve construction ● Behavioral and hearing problems in children
Suspended Particulate Matter ($PM_{2.5}$ and PM_{10})	● Stationary combustion of solid fuels ● Construction activities ● Industrial processes ● Atmospheric chemical reactions	● Reduced lung function ● Aggravation of the effects of gaseous pollutants ● Aggravation of respiratory and cardiorespiratory diseases ● Increased cough and chest discomfort ● Soiling ● Reduced visibility
Sulfur Dioxide (SO_2)	● Combustion of sulfur-containing fossil fuels ● Smelting of sulfur-bearing metal ores Industrial processes	● Aggravation of respiratory diseases (asthma, emphysema) ● Reduced lung function ● Irritation of eyes ● Reduced visibility ● Plant injury ● Deterioration of metals, textiles, leather, finishes, coatings, etc.

Source: California Air Resources Board (2015).

[7] Ibid.

[8] CARB. 2000. Stationary Source Division and Mobile Source Control Division. *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles.* October.

Table B: Federal and State Ambient Air Quality Standards

Pollutant	Averaging Time	California Standards[a]		Federal Standards[b]		
		Concentration[c]	Method[d]	Primary[c,e]	Secondary[c,f]	Method[g]
Ozone (O_3)[h]	1-Hour	0.09 ppm (180 µg/m³)	Ultraviolet Photometry	–	Same as Primary Standard	Ultraviolet Photometry
	8-Hour	0.07 ppm (137 µg/m³)		0.070 ppm (137 µg/m³)		
Respirable Particulate Matter (PM_{10})[i]	24-Hour	50 µg/m³	Gravimetric or Beta Attenuation	150 µg/m³	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	20 µg/m³		–		
Fine Particulate Matter ($PM_{2.5}$)[i]	24-Hour	-		35 µg/m³	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	12 µg/m³	Gravimetric or Beta Attenuation	9.0 µg/m³	15.0 µg/m3	
Carbon Monoxide (CO)	8-Hour	9.0 ppm (10 mg/m³)	Non-Dispersive Infrared Photometry (NDIR)	9 ppm (10 mg/m³)	–	Non-Dispersive Infrared Photometry (NDIR)
	1-Hour	20 ppm (23 mg/m³)		35 ppm (40 mg/m³)		
	8-Hour (Lake Tahoe)	6 ppm (7 mg/m³)		–	–	
Nitrogen Dioxide (NO_2)[j]	Annual Arithmetic Mean	0.03 ppm (57 µg/m³)	Gas Phase Chemi-luminescence	53 ppb (100 µg/m³)	Same as Primary Standard	Gas Phase Chemi-luminescence
	1-Hour	0.18 ppm (339 µg/m³)		100 ppb (188 µg/m³)	-	
Lead (Pb)[l,m]	30-Day Average	1.5 µg/m³	Atomic Absorption	–	–	High-Volume Sampler and Atomic Absorption
	Calendar Quarter	–		1.5 µg/m³ (for certain areas)[l]	Same as Primary Standard	
	Rolling 3-Month Average[i]	–		0.15 µg/m³		
Sulfur Dioxide (SO_2)[k]	24-Hour	0.04 ppm (105 µg/m³)	Ultraviolet Fluorescence	0.14 ppm (for certain areas)	–	Ultraviolet Fluorescence; Spectro-photometry (Pararosaniline Method)
	3-Hour	–		–	0.5 ppm (1300 µg/m³)	
	1-Hour	0.25 ppm (655 µg/m³)		75 ppb (196 µg/m³)[k]	–	
	Annual Arithmetic Mean	–		0.030 ppm (for certain areas)[k]	–	
Visibility-Reducing Particles[l]	8-Hour	See footnote n	Beta Attenuation and Transmittance through Filter Tape.	No Federal Standards		
Sulfates	24-Hour	25 µg/m³	Ion Chromatography			
Hydrogen Sulfide	1-Hour	0.03 ppm (42 µg/m³)	Ultraviolet Fluorescence			
Vinyl Chloride[j]	24-Hour	0.01 ppm (26 µg/m³)	Gas Chromatography			

Source: California Air Resources Board (2024) (Website: https://www.arb.ca.gov/research/aaqs/aaqs2.pdf).

Table notes are provided on the following page.

[a] California standards for ozone, carbon monoxide (except 8-hour Lake Tahoe), sulfur dioxide (1- and 24-hour), nitrogen dioxide, and particulate matter (PM_{10}, $PM_{2.5}$, and visibility reducing particles), are values that are not to be exceeded. All others are not to be equaled or exceeded. California Ambient Air Quality Standards are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.

[b] National standards (other than ozone, particulate matter, and those based on annual arithmetic mean) are not to be exceeded more than once a year. The ozone standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over three years, is equal to or less than the standard. For PM_{10}, the 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 µg/m^3 is equal to or less than one. For $PM_{2.5}$, the 24-hour standard is attained when 98 percent of the daily concentrations, averaged over three years, are equal to or less than the standard. Contact USEPA for further clarification and current national policies.

[c] Concentration expressed first in units in which it was promulgated. Equivalent units given in parentheses are based upon a reference temperature of 25°C and a reference pressure of 760 torr. Most measurements of air quality are to be corrected to a reference temperature of 25°C and a reference pressure of 760 torr; ppm in this table refers to ppm by volume, or micromoles of pollutant per mole of gas.

[d] Any equivalent measurement method which can be shown to the satisfaction of the CARB to give equivalent results at or near the level of the air quality standard may be used.

[e] National Primary Standards: The levels of air quality necessary, with an adequate margin of safety to protect the public health.

[f] National Secondary Standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.

[g] Reference method as described by the USEPA. An "equivalent method" of measurement may be used but must have a "consistent relationship to the reference method" and must be approved by the USEPA.

[h] On October 1, 2015, the national 8-hour ozone primary and secondary standards were lowered from 0.075 to 0.070 ppm.

[i] On December 14, 2012, the national annual $PM_{2.5}$ primary standard was lowered from 15 µg/m^3 to 12.0 µg/m^3. In February 2024, the national annual $PM_{2.5}$ primary standard was lowered from 12 µg/m^3 to 9.0 µg/m^3; the secondary annual standard remained at 15 µg/m^3.The existing national 24- hour $PM_{2.5}$ standards (primary and secondary) were retained at 35 µg/m^3, as was the annual secondary standard of 15 µg/m^3. The existing 24-hour PM_{10} standards (primary and secondary) of 150 µg/m^3 also were retained. The form of the annual primary and secondary standards is the annual mean, averaged over 3 years.

[j] To attain the 1-hour national standard, the 3-year average of the annual 98th percentile of the 1-hour daily maximum concentrations at each site must not exceed 100 ppb. Note that the national 1-hour standard is in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the national 1-hour standard to the California standards the units can be converted from ppb to ppm. In this case, the national standard of 100 ppb is identical to 0.100 ppm.

[k] On June 2, 2010, a new 1-hour SO_2 standard was established, and the existing 24-hour and annual primary standards were revoked. To attain the 1-hour national standard, the 3-year average of the annual 99th percentile of the 1-hour daily maximum concentrations at each site must not exceed 75 ppb. The 1971 SO_2 national standards (24-hour and annual) remain in effect until one year after an area is designated for the 2010 standard, except that in areas designated nonattainment for the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved.
Note that the 1-hour national standard is in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the 1-hour national standard to the California standard the units can be converted to ppm. In this case, the national standard of 75 ppb is identical to 0.075 ppm.

[l] The CARB has identified lead and vinyl chloride as 'toxic air contaminants' with no threshold level of exposure for adverse health effects determined. These actions allow for the implementation of control measures at levels below the ambient concentrations specified for these pollutants.

[m] The national standard for lead was revised on October 15, 2008, to a rolling 3-month average. The 1978 lead standard (1.5 µg/m^3 as a quarterly average) remains in effect until one year after an area is designated for the 2008 standard, except that in areas designated nonattainment for the 1978 standard, the 1978 standard remains in effect until implementation plans to attain or maintain the 2008 standard are approved.

[n] In 1989, the CARB converted both the general statewide 10-mile visibility standard and the Lake Tahoe 30-mile visibility standard to instrumental equivalents, which are "extinction of 0.23 per kilometer" and "extinction of 0.07 per kilometer" for the statewide and Lake Tahoe Air Basin standards, respectively.

°C = degrees Celsius
µg/m^3 = micrograms per cubic meter
CARB = California Air Resources Board
mg/m^3 = milligrams per cubic meter
ppb = parts per billion
ppm = parts per million
USEPA = United States Environmental Protection Agency

ENERGY

Electricity

Electricity is a manmade resource. The production of electricity requires the consumption or conversion of energy resources (including water, wind, oil, gas, coal, solar, geothermal, and nuclear resources) into energy. Electricity is used for a variety of purposes (e.g., lighting, heating, cooling, and refrigeration, and for operating appliances, computers, electronics, machinery, and public transportation systems).

According to the most recent data available, in 2022, California's electricity was generated primarily by natural gas (47.5 percent), renewable sources (52.2 percent), large hydroelectric (7.2 percent), nuclear (8.7 percent), coal (<1.0 percent), and other unspecified sources. Total electric generation in California in 2022 was 287,220 gigawatt-hours (GWh), up 3.4 percent from the 2021 total generation of 277,764 GWh.[9]

The project site is within the service territory of Southern California Edison (SCE). SCE provides electricity to more than 15 million people in a 50,000-square-mile area of Central, Coastal, and Southern California.[10] According to the California Energy Commission (CEC), total electricity consumption in the SCE service area in 2022 was 85,870 GWh (31,604 GWh for the residential sector and 54,266 GWh for the non-residential sector).[11] Total electricity consumption in Kings County in 2022 was 2,017.12 GWh (or 2,017,116,928 kilowatt-hours [kWh]).[12]

Natural Gas

Natural gas is a nonrenewable fossil fuel. Fossil fuels are formed when layers of decomposing plant and animal matter are exposed to intense heat and pressure under the surface of the Earth over millions of years. Natural gas is a combustible mixture of hydrocarbon compounds (primarily methane) that is used as a fuel source. Natural gas is found in naturally occurring reservoirs in deep underground rock formations. Natural gas is used for a variety of uses (e.g., heating buildings, generating electricity, and powering appliances such as stoves, washing machines and dryers, gas fireplaces, and gas grills).

9 California Energy Commission (CEC). 2022. *2022 Total System Electric Generation*. Website: https://www.energy.ca.gov/data-reports/energy-almanac/california-electricity-data/2022-total-system-electric-generation (accessed November 2024).

10 Southern California Edison (SCE). 2020. About Us. Website: https://www.sce.com/about-us/who-we-are (accessed July 2024).

11 CEC. 2023a. Electricity Consumption by Entity. Website: http://www.ecdms.energy.ca.gov/elecbyutil.aspx (accessed November 2024).

12 CEC. 2023b. Electricity Consumption by County and Entity. Websites: http://www.ecdms.energy.ca.gov/elecbycounty.aspx and http://www.ecdms.energy.ca.gov/elecbyutil.aspx (accessed November 2024).

Natural gas consumed in California is used for electricity generation (45 percent), residential uses (21 percent), industrial uses (25 percent), and commercial uses (9 percent). California continues to depend on out-of-state imports for nearly 90 percent of its natural gas supply.[13]

The Southern California Gas Company (SoCalGas) is the natural gas service provider for the project site location. SoCalGas provides natural gas to approximately 21.8 million people in a 24,000-square-mile service area throughout Central and Southern California, from Visalia to the Mexican border.[14] According to the CEC, total natural gas consumption in the SoCalGas service area in 2022 was 5,026 million therms (2,230 million therms for the residential sector). Total natural gas consumption in Kings County in 2022 was 64.03 million therms (64,031,169 therms).[15]

Fuel

Petroleum is also a nonrenewable fossil fuel. Petroleum is a thick, flammable, yellow-to-black mixture of gaseous, liquid, and solid hydrocarbons that occurs naturally beneath the Earth's surface. Petroleum is primarily recovered by oil drilling. It is refined into a large number of consumer products, primarily fuel oil, gasoline, and diesel.

The average fuel economy for light-duty vehicles (autos, pickups, vans, and sport utility vehicles [SUVs]) in the United States has steadily increased from about 14.9 miles per gallon (mpg) in 1980 to 22.9 mpg in 2021.[16] Federal fuel economy standards have changed substantially since the Energy Independence and Security Act was passed in 2007. This act, which originally mandated a national fuel economy standard of 35 mpg by year 2020,[17] applies to cars and light trucks of Model Years 2011 through 2020. In March 2020, the USEPA and National Highway Traffic Safety Administration (NHTSA) finalized the Corporate Average Fuel Economy standards for Model Years 2024–2026 Passenger Cars and Light Trucks, further detailed below.

Gasoline is the most-used transportation fuel in California, with 97 percent of all gasoline being consumed by light-duty cars, pickup trucks, and SUVs. According to the most recent data available, in 2022, total gasoline consumption in California was 316,425 thousand barrels or 1,597.6 trillion British thermal units (BTU).[18] Of the total gasoline consumption, 299,304 thousand barrels or

13 CEC. 2023c. Supply and Demand of Natural Gas in California. Website: https://www.energy.ca.gov/data-reports/energy-almanac/californias-natural-gas-market/supply-and-demand-natural-gas-california (accessed November 2024).

14 Southern California Gas Company (SoCalGas). 2020. About SoCalGas. Website: https://www3.socalgas.com/about-us/company-profile (accessed July 2024).

15 CEC. 2023d. Gas Consumption by County and Entity. Website: http://www.ecdms.energy.ca.gov/gasbycounty.aspx and http://www.ecdms.energy.ca.gov/gasbyutil.aspx (accessed November 2024).

16 United States Department of Transportation (USDOT). n.d. "Table 4-23: Average Fuel Efficiency of U.S. Light Duty Vehicles." Website: https://www.bts.dot.gov/bts/bts/content/average-fuel-efficiency-us-light-duty-vehicles (accessed November 2024).

17 United States Department of Energy. 2007. "Energy Independence & Security Act of 2007." Website: https://www.afdc.energy.gov/laws/eisa (accessed November 2024).

18 United States Energy Information Administration (EIA). 2022. California State Profile and Energy Estimates, Data. Website: www.eia.gov/state/seds/data.php?incfile=/state/seds/sep_fuel/html/fuel_mg.html&sid=CA (accessed November 2024).

1,511.2 trillion BTU were consumed for transportation.[19] Based on fuel consumption obtained from CARB's California Emissions Factor Model, Version 2021 (EMFAC2021), approximately 74.7 million gallons of gasoline and 42.8 million gallons of diesel will be consumed from vehicle trips in Kings County in 2024.

GREENHOUSE GASES

Global climate change is the observed increase in the average temperature of the Earth's atmosphere and oceans in recent decades. The Earth's average near-surface atmospheric temperature rose 0.6 ± 0.2 degrees Celsius (°C) or 1.1 ± 0.4 degrees Fahrenheit (°F) in the 20th century. The prevailing scientific opinion on climate change is that most of the warming observed over the last 50 years is attributable to human activities. The increased amounts of carbon dioxide (CO_2) and other GHGs are the primary causes of the human-induced component of warming. GHGs are released by the burning of fossil fuels, land clearing, agriculture, and other activities, and lead to an increase in the greenhouse effect.[20]

GHGs are present in the atmosphere naturally, are released by natural sources, or are formed from secondary reactions taking place in the atmosphere. The gases that are widely seen as the principal contributors to human-induced global climate change are:

- CO_2
- Methane (CH_4)
- Nitrous oxide (N_2O)
- Hydrofluorocarbons (HFCs)
- Perfluorocarbons (PFCs)
- Sulfur hexafluoride (SF_6)

Over the last 200 years, humans have caused substantial quantities of GHGs to be released into the atmosphere. These extra emissions are increasing GHG concentrations in the atmosphere, and enhancing the natural greenhouse effect, which is believed to be causing global warming. While manmade GHGs include naturally occurring GHGs such as CO_2, methane, and N_2O, some gases, like HFCs, PFCs, and SF_6 are completely new to the atmosphere.

Certain gases, such as water vapor, are short-lived in the atmosphere. Others remain in the atmosphere for significant periods of time, contributing to climate change in the long term. Water vapor is excluded from the list of GHGs above because it is short-lived in the atmosphere and its atmospheric concentrations are largely determined by natural processes, such as oceanic evaporation. For the

19 Ibid.

20 The temperature on Earth is regulated by a system commonly known as the "greenhouse effect." Just as the glass in a greenhouse lets heat from sunlight in and reduces the heat escaping, greenhouse gases like carbon dioxide, methane, and nitrous oxide in the atmosphere keep the Earth at a relatively even temperature. Without the greenhouse effect, the Earth would be a frozen globe; thus, although an excess of greenhouse gas results in global warming, the naturally occurring greenhouse effect is necessary to keep our planet at a comfortable temperature.

purposes of this air quality analysis, the term "GHGs" will refer collectively to the six gases listed above.

These gases vary considerably in terms of global warming potential (GWP), which is a concept developed to compare the ability of each GHG to trap heat in the atmosphere relative to another gas. The global warming potential is based on several factors, including the relative effectiveness of a gas to absorb infrared radiation and length of time that the gas remains in the atmosphere ("atmospheric lifetime"). The GWP of each gas is measured relative to carbon dioxide, the most abundant GHG; the definition of GWP for a particular GHG is the ratio of heat trapped by one unit mass of the GHG to the ratio of heat trapped by one unit mass of CO_2 over a specified time period. GHG emissions are typically measured in terms of pounds or tons of CO_2 equivalents (CO_2e). Table C shows the GWP for each type of GHG. For example, SF_6 is 23,500 times more potent at contributing to global warming than CO_2.

Table C: Global Warming Potential of Greenhouse Gases

Gas	Atmospheric Lifetime (Years)	Global Warming Potential (100-Year Time Horizon)
Carbon Dioxide	50–200	1
Methane	12	25
Nitrous Oxide	114	310
HFC-23	270	11,700
HFC-134a	14	140
HFC-152a	1.4	140
PFC: Tetrafluoromethane (CF_4)	50,000	6,500
PFC: Hexafluoromethane (C_2F_6)	10,000	9,200
Sulfur Hexafluoride (SF_6)	3,200	23,900

Source: *Second Update to the Climate Change Scoping Plan: Building on the Framework* (CARB 2017). Website: www.arb.ca.gov/our-work/programs/ab-32-climate-change-scoping-plan/2017-scoping-plan-documents (accessed November 2024).
HFC = hydrofluorocarbon
PFC = perfluorocarbon

The following discussion summarizes the characteristics of the six GHGs and black carbon.

Carbon Dioxide

In the atmosphere, carbon generally exists in its oxidized form, as CO_2. Natural sources of CO_2 include the respiration (breathing) of humans, animals, and plants, volcanic out gassing, decomposition of organic matter and evaporation from the oceans. Human-caused sources of CO_2 include the combustion of fossil fuels and wood, waste incineration, mineral production, and deforestation. Natural sources release approximately 150 billion tons of CO_2 each year, far outweighing the 7 billion tons of manmade emissions of CO_2 each year. Nevertheless, natural removal processes, such as photosynthesis by land- and ocean-dwelling plant species, cannot keep pace with this extra input of manmade CO_2, and consequently, the gas is building up in the atmosphere.

In 2021, total annual CO_2 accounted for approximately 81.2 percent of California's overall GHG emissions.[21] Transportation is the single largest source of CO_2 in California, which is primarily comprised of on-road travel. Electricity production, industrial and residential sources also make important contributions to CO_2 emissions in California.

Methane

CH_4 is produced when organic matter decomposes in environments lacking sufficient oxygen. Natural sources include wetlands, termites, and oceans. Decomposition occurring in landfills accounts for the majority of human-generated CH_4 emissions in California and in the United States as a whole. Agricultural processes such as intestinal fermentation, manure management, and rice cultivation are also significant sources of CH_4 in California. Total annual emissions of CH_4 accounted for approximately 9.8 percent of GHG emissions in California in 2021.[22]

Nitrous Oxide

N_2O is produced naturally by a wide variety of biological sources, particularly microbial action in soils and water. Tropical soils and oceans account for the majority of natural source emissions. Nitrous oxide is a product of the reaction that occurs between nitrogen and oxygen during fuel combustion. Both mobile and stationary combustion emit N_2O, and the quantity emitted varies according to the type of fuel, technology, and pollution control device used, as well as maintenance and operating practices. Agricultural soil management and fossil fuel combustion are the primary sources of human-generated N_2O emissions in California. Nitrous oxide emissions accounted for approximately 3.4 percent of GHG emissions in California in 2021.[23]

Hydrofluorocarbons, Perfluorocarbons, and Sulfur Hexafluoride

HFCs are primarily used as substitutes for ozone-depleting substances regulated under the Montreal Protocol.[24] PFCs and SF_6 are emitted from various industrial processes, including aluminum smelting, semiconductor manufacturing, electric power transmission and distribution, and magnesium casting. There is no aluminum or magnesium production in California; however, the rapid growth in the semiconductor industry leads to greater use of PFCs. HFCs, PFCs, and SF_6 accounted for about 5.6 percent of GHG emissions in California in 2021.[25]

Black Carbon

Black carbon is the most strongly light-absorbing component of PM formed by burning fossil fuels such as coal, diesel, and biomass. Black carbon is emitted directly into the atmosphere in the form of $PM_{2.5}$ and is the most effective form of PM, by mass, at absorbing solar energy. Per unit of mass in

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21 CARB. 2022b. *GHGs Descriptions & Sources in California*. Website: ww2.arb.ca.gov/ghg-descriptions-sources (accessed November 2024).

22 Ibid.

23 Ibid.

24 The Montreal Protocol is an international treaty that was approved on January 1, 1989, and was designated to protect the ozone layer by phasing out the production of several groups of halogenated hydrocarbons believed to be responsible for ozone depletion.

25 CARB. 2022b. op. cit.

the atmosphere, black carbon can absorb one million times more energy than CO_2.[26] Black carbon contributes to climate change both directly, such as absorbing sunlight, and indirectly, such as affecting cloud formation. However, because black carbon is short-lived in the atmosphere, it can be difficult to quantify its effect on global warming.

Most United States emissions of black carbon come from mobile sources (52 percent), particularly from diesel-fueled vehicles. The other major source of black carbon is open biomass burning, including wildfires, although residential heating and industry also contribute. The CARB estimates that the annual black carbon emissions in California will be reduced approximately 50 percent below 2013 levels by 2030.[27]

[26] United States Environmental Protection Agency (USEPA). 2015. Black Carbon, Basic Information. February 14, 2017. Website: 19january2017snapshot.epa.gov/www3/airquality/blackcarbon/basic.html (accessed November 2024).

[27] CARB. 2017b. *Short-Lived Climate Pollutant Reduction Strategy.* March. Website: https://ww2.arb.ca.gov/sites/default/files/2020-07/final_SLCP_strategy.pdf (accessed November 2024).

REGULATORY SETTING

AIR QUALITY REGULATIONS

The USEPA and the CARB regulate direct emissions from motor vehicles. The SJVAPCD is the regional agency primarily responsible for regulating air pollution emissions from stationary sources (e.g., factories) and indirect sources (e.g., traffic associated with new development), as well as monitoring ambient pollutant concentrations.

Federal Regulations

Federal Clean Air Act

The 1970 federal Clean Air Act (CAA) authorized the establishment of national health-based air quality standards and also set deadlines for their attainment. The Federal Clean Air Act Amendments of 1990 changed deadlines for attaining national standards as well as the remedial actions required of areas of the nation that exceed the standards. Under the Clean Air Act, State and local agencies in areas that exceed the national standards are required to develop State Implementation Plans to demonstrate how they will achieve the national standards by specified dates.

State Regulations

California Clean Air Act

In 1988, the California Clean Air Act (CCAA) required that all air districts in the State endeavor to achieve and maintain CAAQS for CO, O_3, SO_2, and NO_2 by the earliest practical date. The CCAA provides districts with authority to regulate indirect sources and mandates that air quality districts focus particular attention on reducing emissions from transportation and area-wide emission sources. Each nonattainment district is required to adopt a plan to achieve a 5 percent annual reduction, averaged over consecutive 3-year periods, in district-wide emissions of each nonattainment pollutant or its precursors. A Clean Air Plan shows how a district would reduce emissions to achieve air quality standards. Generally, the State standards for these pollutants are more stringent than the national standards.

California Air Resources Board

The CARB is the State's "clean air agency." The CARB's goals are to attain and maintain healthy air quality, protect the public from exposure to toxic air contaminants, and oversee compliance with air pollution rules and regulations.

Assembly Bill 2588 Air Toxics "Hot Spots" Information and Assessment Act. Under Assembly Bill (AB) 2588, stationary sources of air pollutants are required to report the types and quantities of certain substances their facilities routinely released into the air. The goals of the Air Toxics "Hot Spots" Act are to collect emission data, identify facilities having localized impacts, determine health risks, and notify nearby residents of significant risks.

The California Air Resources Board Handbook. The CARB has developed the CARB Handbook[28] which is intended to serve as a general reference guide for evaluating and reducing air pollution impacts associated with new projects that go through the land use decision-making process. According to the CARB Handbook, air pollution studies have shown an association between respiratory and other non-cancer health effects and proximity to high traffic roadways. Other studies have shown that diesel exhaust and other cancer-causing chemicals emitted from cars and trucks are responsible for much of the overall cancer risk from airborne toxics in California. The CARB Handbook recommends that county and city planning agencies strongly consider proximity to these sources when finding new locations for "sensitive" land uses such as homes, medical facilities, daycare centers, schools, and playgrounds.

Land uses that can produce air pollution sources of concern include freeways, rail yards, ports, refineries, distribution centers, chrome plating facilities, dry cleaners, and large gasoline service stations. Key recommendations in the CARB Handbook include taking steps to avoid siting new, sensitive land uses:

- Within 500 feet of a freeway, urban roads with 100,000 vehicles/day or rural roads with 50,000 vehicles/day;
- Within 1,000 feet of a major service and maintenance rail yard;
- Immediately downwind of ports (in the most heavily impacted zones) and petroleum refineries;
- Within 300 feet of any dry cleaning operation (for operations with two or more machines, provide 500 feet); and
- Within 300 feet of a large gas station (defined as a facility with a throughput of 3.6 million gallons per year or greater).

The CARB Handbook specifically states that its recommendations are advisory and acknowledges land use agencies have to balance other considerations, including housing and transportation needs, economic development priorities, and other quality of life issues.

The recommendations are generalized and do not consider site-specific meteorology, freeway truck percentages, or other factors that influence risk for a particular project site. The purpose of this guidance is to help land use agencies determine when to further examine project sites for actual health risk associated with the location of new sensitive land uses.

Regional Regulations

San Joaquin Valley Air Pollution Control District

The SJVAPCD is responsible for controlling emissions primarily from stationary sources. The SJVAPCD maintains air quality monitoring stations throughout the basin. The SJVAPCD, in coordination with the eight county transportation agencies, is also responsible for developing, updating, and

[28] CARB. 2005. *Air Quality and Land Use Handbook: A Community Health Perspective.* April.

implementing air quality attainment plans for the San Joaquin Valley Air Basin (SJVAB). The SJVAPCD also has roles under the California Environmental Quality Act (CEQA).

Guidance for Assessing and Mitigating Air Quality Impacts. The SJVAPCD prepared the GAMAQI to assist lead agencies and project applicants in evaluating the potential air quality impacts of projects in the SJVAB.[29] The GAMAQI provides SJVAPCD-recommended procedures for evaluating potential air quality impacts during the CEQA environmental review process. The GAMAQI provides guidance on evaluating short-term (construction) and long-term (operational) air emissions. The most recent version of the GAMAQI, adopted on March 19, 2015, was used in this evaluation. It contains guidance on the following:

- Criteria and thresholds for determining whether a project may have a significant adverse air quality impact
- Specific procedures and modeling protocols for quantifying and analyzing air quality impacts
- Methods to mitigate air quality impacts
- Information for use in air quality assessments and environmental documents, including air quality, regulatory setting, climate, and topography data

Current Air Quality Plans. The SJVAPCD is responsible for formulating and implementing the Air Quality Management Plan (AQMP) for the SJVAB. The main purpose of an AQMP is to bring the area into compliance with federal and State air quality standards. The SJVAPCD does not have one single AQMP for criteria pollutants, rather the SJVAPCD address each criteria pollutant with its own plan. The SJVAPCD has the following AQMPs:

- 2022 Plan for the 2015 8-Hour Ozone Standard
- 2018 Plan for the 1997, 2006, and 2012 $PM_{2.5}$ Standards
- 2016 Moderate Area Plan for the 2012 $PM_{2.5}$ Standard
- 2016 Plan for the 2008 8-Hour Ozone Standard
- 2013 Plan for the Revoked 1-Hour Ozone Standard
- 2007 PM_{10} Maintenance Plan
- 2004 Revision to the California State Implementation Plan for Carbon Monoxide

The SJVAPCD's AQMPs incorporate the latest scientific and technological information and planning assumptions, including updated emission inventory methodologies for various source categories. The SJVAPCD's AQMPs included the integrated strategies and measures needed to meet the NAAQS, implementation of new technology measures, and demonstrations of attainment of the 1-hour and 8-hour ozone NAAQS as well as the latest 24-hour and annual $PM_{2.5}$ standards.

The SJVAPCD's current air quality plans are discussed below.

[29] SJVAPCD. 2015a. *Guidance for Assessing and Mitigating Air Quality Impacts*. March 19. Website: www.valleyair.org/transportation/ceqa_idx.htm (accessed June 2024).

Ozone Plans. The SJVAPCD's Governing Board approved the 2022 Plan for the 2015 8-hour Ozone Standard on December 15, 2022.[30] The comprehensive strategy in this plan will reduce NO_x emissions by 72 percent by 2037 and will bring the San Joaquin Valley into attainment of USEPA's 2015 8-hour ozone standard as expeditiously as practicable by the 2037 attainment deadline.

Particulate Matter Plans. The SJVAPCD adopted the 2007 PM_{10} Maintenance Plan in September 2007 to assure the SJVAB's continued attainment of the USEPA's PM_{10} standard.[31] The USEPA designated the San Joaquin Valley as an attainment/maintenance area for PM_{10}.

The 2008 $PM_{2.5}$ Plan builds upon the comprehensive strategy adopted in the 2007 Ozone Plan to bring the SJVAB into attainment of the 1997 national standards for $PM_{2.5}$.[32] The USEPA has identified NO_x and SO_2 as precursors that must be addressed in air quality plans for the 1997 $PM_{2.5}$ standards. The 2008 $PM_{2.5}$ Plan is a continuation of the SJVACPD's strategy to improve the air quality in the SJVAB.

The SJVAPCD prepared the 2012 $PM_{2.5}$ Plan to bring the San Joaquin Valley into attainment of the USEPA's most recent 24-hour $PM_{2.5}$ standard of 35 µg/m³.[33] The CARB approved the SJVAPCD's 2012 $PM_{2.5}$ Plan at a public hearing on January 24, 2013. The plan, approved by the SJVAPCD Governing Board on December 20, 2012, will bring the San Joaquin Valley into attainment of USEPA's 1997 $PM_{2.5}$ standard as expeditiously as practicable, but no later than, December 31, 2020.

The SJVAPCD adopted the 2018 Plan for the 1997, 2006, and 2012 $PM_{2.5}$ federal standards on November 15, 2018.[34] This plan addresses the USEPA federal 1997 annual $PM_{2.5}$ standard of 15 µg/m³ and 24-hour $PM_{2.5}$ standard of 65 µg/m³, the 2006 24-hour $PM_{2.5}$ standard of 35 µg/m³, and the 2012 annual $PM_{2.5}$ standard of 12 µg/m³. This plan demonstrates attainment of the federal $PM_{2.5}$ standards as expeditiously as practicable.

Rules and Regulations. The SJVAPCD rules and regulations that may apply to the proposed project include, but are not limited to, the following:[35]

30 SJVAPCD. 2022. *2022 Plan for the 2015 8-Hour Ozone Standard.* Website: ww2.valleyair.org/media/q55posm0/0000-2022-plan-for-the-2015-8-hour-ozone-standard.pdf (accessed November 2024).

31 SJVAPCD. 2007. *2007 PM_{10} Maintenance Plan and Request for Redesignation*. Website: www.valleyair.org/Air_Quality_Plans/docs/Maintenance%20Plan10-25-07.pdf (accessed November 2024).

32 SJVAPCD. 2008. Particulate Matter Plans. Website: ww2.valleyair.org/rules-and-planning/air-quality-plans/particulate-matter-plans/2008-pm25-plan/ (accessed November 2024).

33 SJVAPCD. 2012. *2012 $PM_{2.5}$ Plan*. Website: https://www.valleyair.org/Air_Quality_Plans/PM25Plans2012.htm (accessed November 2024).

34 SJVAPCD. 2018. *2018 Plan for the 1997, 2006, and 2012 $PM_{2.5}$ Standards*. November 15. Website: valleyair.org/pmplans/documents/2018/pm-plan-adopted/2018-Plan-for-the-1997-2006-and-2012-PM2.5-Standards.pdf (accessed November 2024).

35 SJVPCD. 2024. Current District Rules and Regulations. Website: ww2.valleyair.org/rules-and-planning/current-district-rules-and-regulations (accessed November 2024).

- **Rule 8011—General Requirements: Fugitive Dust Emission Sources.** Fugitive dust regulations are applicable to outdoor fugitive dust sources. Operations, including construction operations, must control fugitive dust emissions in accordance with SJVAPCD Regulation VIII. According to Rule 8011, the SJVAPCD requires the implementation of control measures for fugitive dust emission sources.

- **Regulation VIII—Fugitive PM_{10} Prohibitions.** Rules 8011–8081 are designed to reduce PM_{10} emissions (predominantly dust/dirt) generated by human activity, including construction and demolition activities, road construction, bulk materials storage, paved and unpaved roads, and carryout and track out. All development projects that involve soil disturbance are subject to at least one provision of the Regulation VIII series of rules.

- **Rule 2201—New and Modified Stationary Source Review Rule.** This rule provides the review of new and modified stationary sources of air pollution to operate without interfering with the attainment or maintenance of ambient air quality standards and results in no net increase in emissions above specified thresholds.

- **Rule 4102—Nuisance.** The purpose of this rule is to protect the health and safety of the public, and applies to any source operation that emits or may emit air contaminants or other materials.

- **Rule 4601—Architectural Coatings.** The purpose of this rule is to limit VOC emissions from architectural coatings. Emissions are reduced by limits on VOC content and providing requirements on coatings storage, cleanup, and labeling.

- **Rule 4901—Wood Burning Fireplaces and Wood Burning Heaters.** The purpose of this rule is to limit emissions of carbon monoxide and particulate matter from wood burning fireplaces, wood burning heaters, and outdoor wood burning devices.

- **Rule 9510—Indirect Source Review.** This rule reduces the impact of NO_x and PM_{10} emissions from new development projects. The rule places application and emission reduction requirements on development projects meeting applicability criteria in order to reduce emissions through on-site mitigation, off-site SJVAPCD-administered projects, or a combination of the two. Compliance with SJVAPCD Rule 9510 reduces emissions impacts through incorporation of on-site measures as well as payment of an off-site fee that funds emission reduction projects in the SJVAB. The emissions analysis for Rule 9510 is detailed and is dependent on the exact project design that is expected to be constructed or installed. Compliance with Rule 9510 is separate from the CEQA process, though the control measures used to comply with Rule 9510 may be used to mitigate significant air quality impacts.

Kings County Association of Governments

Kings County Association of Governments (KCAG) is responsible for regional transportation planning in Kings County and participates in developing mobile source emission inventories used in air quality attainment plans. Regional Transportation Plans (RTPs) are State-mandated plans that identify long-

term transportation needs for a region's transportation network. KCAG's 2022 RTP[36] charts the long-range vision of regional transportation in Kings County through the year 2047. The RTP identifies existing and future transportation related needs, while considering all modes of travel, analyzing alternative solutions, and identifying priorities for the anticipated available funding for the projects and multiple programs included within it. Senate Bill (SB) 375, which went into effect in 2009, added statutes to the California Government Code to encourage planning practices that create sustainable communities. It calls for each metropolitan planning organization to prepare a Sustainable Communities Strategy (SCS) as an integrated element of the RTP that is to be updated every 4 years. The SCS is intended to show how integrated land use and transportation planning can lead to lower GHG emissions from autos and light trucks. KCAG has included the SCS in its 2022 RTP.

Local Regulations

City of Hanford 2035 General Plan

The City of Hanford (City) addresses air quality in the Air Quality Element, along with the Transportation and Circulation Element of the General Plan.[37] The Air Quality Element provides goals, policies, and action items that work to meet or exceed State and federal air quality standards and air quality-related legislative requirements. Applicable air quality goals, policies and action items from the General Plan are listed below.

- **OBJECTIVE AQ 4:** Accurately assess and mitigate potentially significant local and regional air quality and climate change impacts from proposed projects within the City. Where possible and financially feasible, retrofit existing uses and activities to reduce emissions and climate change impacts

- **Program AQ 4.1:** The City will advise consultants to use San Joaquin Valley Air Pollution Control District Guidelines for preparing air and climate change assessments and will refer California Environmental Quality Act documents to the San Joaquin Valley Air Pollution Control District for review and comment on potential air quality and greenhouse gas impacts and for recommendations regarding air quality mitigation measures and greenhouse gas Best Performance Standards.

- **Policy AQ 4.1:** Assess and mitigate project air quality impacts using analysis methods and significance thresholds recommended by the San Joaquin Valley Air Pollution Control District.

- **Policy AQ 4.2:** Assess and mitigate project greenhouse gas/climate change impacts using analysis methods and significance thresholds as defined or recommended by the San Joaquin Valley Air Pollution Control District.

[36] Kings County Association of Governments (KCAG). 2022. 2022 Regional Transportation Plan and Sustainable Communities Strategy. September.

[37] City of Hanford. 2017. 2035 General Plan. April.

- **Policy AQ 4.3:** Ensure that air quality and climate change impacts identified during California Environmental Quality Act review are minimized and consistently and fairly mitigated to the greatest extent feasible.

- **Policy AQ 4.5:** Encourage and support the development of innovative and effective mitigation measures and programs to reduce air quality and climate change impacts through proactive coordination with the San Joaquin Valley Air Pollution Control District project applicants, and other knowledgeable and interested parties.

- **Policy AQ 4.7:** Work with the San Joaquin Valley Air Pollution Control District to ensure implementation of particulate emission controls required by Regulation VIII – Fugitive PM10 for construction and grading activities.

- **Policy AQ 6.1:** Project sponsors shall demonstrate that all feasible Transportation Control Measures and other measures have been incorporated into project designs which increase the effective capacity of the existing road network prior to seeking approval to construct additional roadway capacity, such as additional lanes or new highways.

- **Policy AQ 7.6:** Encourage the use of solar-ready roofs into residential and commercial development. New residential development should include proper solar orientation (south facing roof area sloped at 20° to 55° from the horizontal), clear access on the south sloped roof (no chimneys, heating vents, plumbing vents, etc.), electrical conduit installed for solar electric system wiring, plumbing installed for solar hot water systems, and space provided for a solar hot water storage tank. Roofs for commercial development should be designed to maximize potential area available for solar panels and provide electrical conduit to support future installation.

- **Policy AQ 8.1:** Locate residential development projects and projects categorized as sensitive receptors an adequate distance from existing and potential sources of hazardous emissions such as major transportation corridors, industrial sites, and hazardous material locations.

- **Policy T70:** Pedestrian Connections. Increase connectivity through direct and safe pedestrian connections to public amenities, neighborhoods, village centers and other destinations throughout the City.

ENERGY REGULATORY SETTING

Federal and State agencies regulate energy use and consumption through various means and programs. On the federal level, the United States Department of Transportation (USDOT), the United States Department of Energy, and the USEPA are three federal agencies with substantial influence over energy policies and programs. Generally, federal agencies influence and regulate transportation energy consumption through establishment and enforcement of fuel economy standards for automobiles and light trucks, through funding of energy-related research and development Projects, and through funding for transportation infrastructure improvements. On the State level, the California Public Utilities Commission (CPUC) and the CEC are two agencies with authority over different aspects of energy.

The CPUC regulates privately owned electric, natural gas, telecommunications, water, railroad, rail transit, and passenger transportation companies and serves the public interest by protecting consumers and ensuring the provision of safe, reliable utility service and infrastructure at reasonable rates, with a commitment to environmental enhancement and a healthy California economy.

The CEC is the State's primary energy policy and planning agency. The CEC forecasts future energy needs, promotes energy efficiency, supports energy research, develops renewable energy resources, and plans for/directs State response to energy emergencies. The applicable federal, State, regional, and local regulatory framework is discussed below.

Federal Regulations

Energy Policy Act of 2005

The Energy Policy Act of 2005 seeks to reduce reliance on non-renewable energy resources and provide incentives to reduce current demand on these resources. For example, under this Act, consumers and businesses can obtain federal tax credits for purchasing fuel-efficient appliances and products (including hybrid vehicles), building energy-efficient buildings, and improving the energy efficiency of commercial buildings. Additionally, tax credits are available for the installation of qualified fuel cells, stationary microturbine power plants, and solar power equipment.

Corporate Average Fuel Economy Standards

On March 31, 2022, the NHTSA finalized the Corporate Average Fuel Economy (CAFE) standards for Model Years 2024–2026 Passenger Cars and Light Trucks. The amended CAFE standards would require an industry wide fleet average of approximately 49 mpg for passenger cars and light trucks in model year 2026, by increasing fuel efficiency by 8 percent annually for model years 2024–2025, and 10 percent annually for model year 2026. The final standards are estimated to save about 234 billion gallons of gas between model years 2030 to 2050.

State Regulations

Assembly Bill 1575, Warren-Alquist Act

In 1975, largely in response to the oil crisis of the 1970s, the State Legislature adopted AB 1575 (also known as the Warren-Alquist Act), which created the CEC. The statutory mission of the CEC is to forecast future energy needs; license power plants of 50 megawatts (MW) or larger; develop energy technologies and renewable energy resources; plan for and direct State responses to energy emergencies; and, perhaps most importantly, promote energy efficiency through the adoption and enforcement of appliance and building energy efficiency standards. AB 1575 also amended Public Resources Code (PRC) Section 21100(b)(3) and *State CEQA Guidelines* Section 15126.4 to require Environmental Impact Reports (EIRs) to include, where relevant, mitigation measures proposed to minimize the wasteful, inefficient, and unnecessary consumption of energy caused by a project. Thereafter, the State Resources Agency created Appendix F to the *State CEQA Guidelines*. Appendix F assists EIR preparers in determining whether a project will result in the inefficient, wasteful, and unnecessary consumption of energy. Appendix F of the *State CEQA Guidelines* also states that the goal of conserving energy implies the wise and efficient use of energy and the means

of achieving this goal, including (1) decreasing overall per capita energy consumption; (2) decreasing reliance on fossil fuels such as coal, natural gas, and oil; and (3) increasing reliance on renewable energy sources.

Senate Bill 1389, Energy: Planning and Forecasting

In 2002, the State Legislature passed SB 1389, which required the CEC to develop an integrated energy plan every 2 years for electricity, natural gas, and transportation fuels for the California Energy Policy Report. The plan calls for the State to assist in the transformation of the transportation system to improve air quality, reduce congestion, and increase the efficient use of fuel supplies with the least environmental and energy costs. To further this policy, the plan identifies a number of strategies, including assistance to public agencies and fleet operators in implementing incentive programs for zero emission vehicles (ZEVs) and their infrastructure needs, and encouragement of urban designs that reduce vehicle miles traveled (VMT) and accommodate pedestrian and bicycle access.

In compliance with the requirements of SB 1389, the CEC adopts an Integrated Energy Policy Report every 2 years and an update every other year. The most recently adopted report includes the 2023 Integrated Energy Policy Report.[38] The Integrated Energy Policy Report covers a broad range of topics, including decarbonizing buildings, integrating renewables, energy efficiency, energy equity, integrating renewable energy, updates on Southern California electricity reliability, climate adaptation activities for the energy sector, natural gas assessment, transportation energy demand forecast, and the California Energy Demand Forecast. The Integrated Energy Policy Report provides the results of the CEC's assessments of a variety of energy issues facing California. Many of these issues will require action if the State is to meet its climate, energy, air quality, and other environmental goals while maintaining energy reliability and controlling costs.

Renewable Portfolio Standard

SB 1078 established the California Renewable Portfolio Standards program in 2002. SB 1078 initially required that 20 percent of electricity retail sales be served by renewable resources by 2017; however, this standard has become more stringent over time. In 2006, SB 107 accelerated the standard by requiring that the 20 percent mandate be met by 2010. In April 2011, SB 2 required that 33 percent of electricity retail sales be served by renewable resources by 2020. In 2015, SB 350 established tiered increases to the Renewable Portfolio Standards of 40 percent by 2024, 45 percent by 2027, and 50 percent by 2030. In 2018, SB 100 increased the requirement to 60 percent by 2030 and required that all the State's electricity come from carbon-free resources by 2045. SB 100 took effect on January 1, 2019.[39]

California Energy Code

Energy consumption by new buildings in California is regulated by the Building Energy Efficiency Standards in Part 6 of Title 24 of the California Code of Regulations (CCR), known as the Energy

38 CEC. 2023e. *2023 Integrated Energy Policy Report*. California Energy Commission. Docket Number: 23-IEPR-01.

39 California Public Utilities Commission (CPUC). 2019. Renewables Portfolio Standard Program. Website: cpuc.ca.gov/rps (accessed November 2024).

Code. The CEC first adopted the Building Energy Efficiency Standards for Residential and Non-residential Buildings in 1978 in response to a legislative mandate to reduce energy consumption in the State. The Energy Code is updated every 3 years, with the most recent update consisting of the 2022 Energy Code that became effective January 1, 2023. Mid-cycle supplements to the 2022 Code will become effective on July 1, 2024. The efficiency standards apply to both new construction and rehabilitation of both residential and nonresidential buildings, and regulate energy consumed for heating, cooling, ventilation, water heating, and lighting. The building efficiency standards are enforced through the local building permit process. Local government agencies may adopt and enforce energy standards for new buildings, provided these standards meet or exceed those provided in the Energy Code.

California Green Building Standards Code

In 2010, the California Building Standards Commission (CBSC) adopted Part 11 of the Title 24 Building Energy Efficiency Standards, referred to as the CALGreen Code. The CALGreen Code took effect on January 1, 2011. The CALGreen Code is updated on a regular basis, with the most recent update consisting of the 2022 CALGreen Code standards that became effective January 1, 2023. The CALGreen Code established mandatory measures for residential and nonresidential building construction and encouraged sustainable construction practices in the following five categories: (1) planning and design, (2) energy efficiency, (3) water efficiency and conservation, (4) material conservation and resource efficiency, and (5) indoor environmental quality. Although the CALGreen Code was adopted as part of the State's efforts to reduce GHG emissions, the CALGreen Code standards have co-benefits of reducing energy consumption from residential and nonresidential buildings subject to the standard.

California Energy Efficiency Strategic Plan

On September 18, 2008, the CPUC adopted California's first Long-Term Energy Efficiency Strategic Plan, presenting a roadmap for energy efficiency in California. The Plan articulates a long-term vision and goals for each economic sector and identifies specific near-term, mid-term, and long-term strategies to assist in achieving those goals. The plan also reiterates the following four specific programmatic goals known as the "Big Bold Energy Efficiency Strategies" that were established by the CPUC in Decisions D.07-10-032 and D.07-12-051:

- All new residential construction will be zero net energy (ZNE) by 2020.
- All new commercial construction will be ZNE by 2030.
- 50 percent of commercial buildings will be retrofitted to ZNE by 2030.
- 50 percent of new major renovations of State buildings will be ZNE by 2025.

Regional Regulations

There are no regional regulations that apply to the proposed project.

Local Regulations

City of Hanford 2035 General Plan

The City addresses energy in the Mineral and Energy Resources section of the Open Space, Conservation, and Recreation Element of the General Plan.[40] Many City policies aim to promote energy conservation and efficiencies, including those related to transportation, alternate fuel utilization, and energy efficiencies. General Plan policies and action items related to energy conservation that are applicable to the proposed project are listed below.

- **Policy T70:** Pedestrian Connections. Increase connectivity through direct and safe pedestrian connections to public amenities, neighborhoods, village centers and other destinations throughout the City.
- **Policy T95:** Promote and encourage the installation and use of electric vehicle (EV) charging stations and remove obstacles to their use as well as minimizing costs of permitting.
- **Policy O14:** Promote and encourage the use of alternative fuels and renewable energy.
- **Policy O15**: Require that new development incorporate energy-efficient design features for HVAC, lighting systems, and insulation that meet or exceed California Code of Regulations Title 24.
- **Policy O16:** Encourage the use of native and drought tolerant shade trees and vines on southern and western exposure building walls as an energy conservation technique.

GREENHOUSE GAS REGULATORY SETTING

This section describes regulations related to GHGs at the federal, State, and local level.

Federal Regulations

The United States has historically had a voluntary approach to reducing GHG emissions. However, on April 2, 2007, the United States Supreme Court ruled that the USEPA has the authority to regulate CO_2 emissions under the CAA.

While there currently are no adopted federal regulations for the control or reduction of GHG emissions, the USEPA commenced several actions in 2009 to implement a regulatory approach to global climate change, including the 2009 USEPA final rule for mandatory reporting of GHGs from large GHG emission sources in the United States. Additionally, the USEPA Administrator signed an endangerment finding action in 2009 under the CAA, finding that seven GHGs (CO_2, CH_4, N_2O, HFCs, NF_3, PFCs, and SF_6) constitute a threat to public health and welfare, and that the combined emissions from motor vehicles cause and contribute to global climate change, leading to national GHG emission standards.

[40] City of Hanford. 2017. 2035 General Plan. April.

State Regulations

The CARB is the lead agency for implementing climate change regulations in the State. Since its formation, the CARB has worked with the public, the business sector, and local governments to find solutions to California's air pollution problems. Key efforts by the State are described below.

Assembly Bill 32 (2006), California Global Warming Solutions Act

California's major initiative for reducing GHG emissions is AB 32, passed by the State legislature on August 31, 2006. This effort aims at reducing GHG emissions to 1990 levels by 2020. The CARB has established the level of GHG emissions in 1990 at 427 million metric tons (MMT) of CO_2e. The emissions target of 427 MMT CO_2e requires the reduction of 169 MMT CO_2e from the State's projected business-as-usual 2020 emissions of 596 MMT CO_2e. AB 32 requires the CARB to prepare a Scoping Plan that outlines the main State strategies for meeting the 2020 deadline and to reduce GHGs that contribute to global climate change. The Scoping Plan was approved by the CARB on December 11, 2008, and contains the main strategies California will implement to achieve the reduction of approximately 169 MMT CO_2e, or approximately 30 percent, from the State's projected 2020 emissions level of 596 MMT CO_2e under a business-as-usual scenario (this is a reduction of 42 MMT CO_2e, or almost 10 percent from 2002–2004 average emissions). The Scoping Plan also includes CARB-recommended GHG reductions for each emissions sector of the State's GHG inventory. The Scoping Plan calls for the largest reductions in GHG emissions to be achieved by implementing the following measures and standards:

- Improved emissions standards for light-duty vehicles (estimated reductions of 31.7 MMT CO_2e);
- The Low-Carbon Fuel Standard (15.0 MMT CO_2e);
- Energy efficiency measures in buildings and appliances and the widespread development of combined heat and power systems (26.3 MMT CO_2e); and
- A renewable portfolio standard for electricity production (21.3 MMT CO_2e).

The CARB approved the First Update to the Climate Change Scoping Plan on May 22, 2014. The First Update identifies opportunities to leverage existing and new funds to further drive GHG emission reductions through strategic planning and targeted low carbon investments. The First Update defines CARB climate change priorities until 2020, and also sets the groundwork to reach long-term goals set forth in Executive Orders (EOs) S-3-05 and B-16-2012. The update highlights California's progress toward meeting the "near-term" 2020 GHG emission reduction goals as defined in the initial Scoping Plan. It also evaluates how to align the State's "longer-term" GHG reduction strategies with other State policy priorities for water, waste, natural resources, clean energy, transportation, and land use. CARB released a second update to the Scoping Plan, the 2017 Scoping Plan,[41] to reflect the 2030 target set by EO B-30-15 and codified by SB 32.

41 CARB. 2017a. *California's 2017 Climate Change Scoping Plan*. November.

Most recently, the 2022 Scoping Plan[42] was approved in December 2022 and assesses progress towards achieving the SB 32 2030 target and lay out a path to achieve carbon neutrality no later than 2045. The 2022 Scoping Plan focuses on outcomes needed to achieve carbon neutrality by assessing paths for clean technology, energy deployment, natural and working lands, and others, and is designed to meet the State's long-term climate objectives and support a range of economic, environmental, energy security, environmental justice, and public health priorities.

Senate Bill 375 (2008)

Signed into law on October 1, 2008, SB 375 supplements GHG reductions from new vehicle technology and fuel standards with reductions from more efficient land use patterns and improved transportation. Under the law, the CARB approved GHG reduction targets in February 2011 for California's 18 federally designated regional planning bodies, known as Metropolitan Planning Organizations (MPOs). The CARB may update the targets every 4 years and must update them every 8 years. MPOs, in turn, must demonstrate how their plans, policies, and transportation investments meet the targets set by the CARB through SCSs. The SCSs are included with the Regional Transportation Plan, a report required by State law. However, if an MPO finds that its SCS will not meet the GHG reduction target, it may prepare an Alternative Planning Strategy (APS). The APS identifies the impediments to achieving the targets.

Executive Order B-30-15 (2015)

Governor Jerry Brown signed EO B-30-15 on April 29, 2015, which added the immediate target of:

- GHG emissions should be reduced to 40 percent below 1990 levels by 2030.

All State agencies with jurisdiction over sources of GHG emissions were directed to implement measures to achieve reductions of GHG emissions to meet the 2030 and 2050 targets. CARB was directed to update the AB 32 Scoping Plan to reflect the 2030 target, and therefore, is moving forward with the update process. The mid-term target is critical to help frame the suite of policy measures, regulations, planning efforts, and investments in clean technologies and infrastructure needed to continue reducing emissions.

Senate Bill 350 (2015) Clean Energy and Pollution Reduction Act

SB 350, signed by Governor Jerry Brown on October 7, 2015, updates and enhances AB 32 by introducing the following set of objectives in clean energy, clean air, and pollution reduction for 2030:

- Raise California's renewable portfolio standard from 33 percent to 50 percent; and
- Increasing energy efficiency in buildings by 50 percent by the year 2030.

The 50 percent renewable energy standard will be implemented by the CPUC for the private utilities and by the CEC for municipal utilities. Each utility must submit a procurement plan showing it will

[42] CARB. 2021. *2022 Scoping Plan Update*. May 10. Website: https://ww2.arb.ca.gov/sites/default/files/2022-12/2022-sp.pdf (accessed November 2024).

purchase clean energy to displace other non-renewable resources. The 50 percent increase in energy efficiency in buildings must be achieved through the use of existing energy efficiency retrofit funding and regulatory tools already available to State energy agencies under existing law. The addition made by this legislation requires State energy agencies to plan for and implement those programs in a manner that achieves the energy efficiency target.

Senate Bill 32, California Global Warming Solutions Act of 2016, and Assembly Bill 197

In summer 2016 the Legislature passed, and the Governor signed, SB 32, and AB 197. SB 32 affirms the importance of addressing climate change by codifying into statute the GHG emissions reductions target of at least 40 percent below 1990 levels by 2030 contained in Governor Brown's April 2015 EO B-30-15. SB 32 builds on AB 32 and keeps us on the path toward achieving the State's 2050 objective of reducing emissions to 80 percent below 1990 levels, consistent with an Intergovernmental Panel on Climate Change (IPCC) analysis of the emissions trajectory that would stabilize atmospheric GHG concentrations at 450 parts per million CO_2e and reduce the likelihood of catastrophic impacts from climate change.

The companion bill to SB 32, AB 197, provides additional direction to CARB related to the adoption of strategies to reduce GHG emissions. Additional direction in AB 197 meant to provide easier public access to air emissions data that are collected by CARB was posted in December 2016.

Senate Bill 100

On September 10, 2018, Governor Brown signed SB 100, which raises California's Renewables Portfolio Standard (RPS) requirements to 60 percent by 2030, with interim targets, and 100 percent by 2045. The bill also establishes a State policy that eligible renewable energy resources and zero-carbon resources supply 100 percent of all retail sales of electricity to California end-use customers and 100 percent of electricity procured to serve all State agencies by December 31, 2045. Under the bill, the State cannot increase carbon emissions elsewhere in the western grid or allow resource shuffling to achieve the 100 percent carbon-free electricity target.

Executive Order B-55-18

EO B-55-18, signed September 10, 2018, sets a goal "to achieve carbon neutrality as soon as possible, and no later than 2045, and achieve and maintain net negative emissions thereafter." EO B-55-18 directs CARB to work with relevant State agencies to ensure future Scoping Plans identify and recommend measures to achieve the carbon neutrality goal. The goal of carbon neutrality by 2045 is in addition to other statewide goals, meaning not only should emissions be reduced to 80 percent below 1990 levels by 2050, but that, by no later than 2045, the remaining emissions be offset by equivalent net removals of CO_2e from the atmosphere, including through sequestration in forests, soils, and other natural landscapes.

Assembly Bill 1279

AB 1279 was signed in September of 2022, and codifies the State goals of achieving net carbon neutrality by 2045 and maintaining net negative GHG emissions thereafter. This bill also requires California to reduce statewide GHG emissions by 85 percent compared to 1990 levels by 2045 and directs CARB to work with relevant State agencies to achieve these goals.

Executive Order N-79-20

EO N-79-20, which was signed by the Governor on September 23, 2020, sets the following goals for the State: 100 percent of in-state sales of new passenger cars and trucks shall be zero-emission by 2035; 100 percent of medium- and heavy-duty vehicles in the State shall be zero-emission by 2045 for all operations where feasible and by 2035 for drayage trucks; and 100 percent of off-road vehicles and equipment in the State shall be zero-emission by 2035, where feasible.

Regional Regulations

San Joaquin Valley Air Pollution Control District

Tulare County is located within the SJVAB, which is under the jurisdiction of the SJVAPCD. The SJVAPCD has regulatory authority over certain stationary and industrial GHG emission sources and provides voluntary technical guidance on addressing GHGs for other emission sources in a CEQA context. SJVAPCD initiatives related to GHGs are described below:

Climate Change Action Plan. The San Joaquin Valley Air Pollution Control District Climate Change Action Plan (CCAP) was adopted on August 21, 2008. The CCAP includes suggested best performance standards (BPS) for proposed development projects. However, the SJVAPCD's CCAP was adopted in 2009 and was prepared based on the State's 2020 GHG targets, which are now superseded by State policies (i.e., the 2022 CALGreen Code) and the 2030 GHG targets, established in SB 32.

San Joaquin Valley Carbon Exchange and Rule 2301. The SJVAPCD initiated work on the San Joaquin Valley Carbon Exchange in November 2008. The Exchange was implemented with the adoption of Amendments to Rule 2301 Emission Reduction Credit Banking on January 19, 2012. The purpose of the carbon exchange is to quantify, verify, and track voluntary GHG emissions reductions generated within the San Joaquin Valley.

The SJVAPCD incorporated a method to register voluntary GHG emission reductions with amendments to Rule 2301. The purposes of the amendments to the rule include the following:

- Provide an administrative mechanism for sources to bank voluntary GHG emission reductions for later use
- Provide an administrative mechanism for sources to transfer banked GHG emission reductions to others for any use
- Define eligibility standards, quantitative procedures, and administrative practices to ensure that banked GHG emission reductions are real, permanent, quantifiable, surplus, and enforceable

The SJVAPCD is participating in a new program developed by the California Air Pollution Control Officers Association (CAPCOA) to encourage banking and use of GHG reduction credits referred to as the CAPCOA Greenhouse Gas Reduction Exchange (GHGRx). The GHGRx provides information on GHG credit projects within participating air districts. The SJVAPCD is one of the first districts to have offsets available for trading on the GHGRx.

Kings County Association of Governments

KCAG is responsible for regional transportation planning in Kings County and participates in developing mobile source emission inventories used in air quality attainment plans. RTPs are State-mandated plans that identify long-term transportation needs for a region's transportation network. KCAG's 2022 RTP[43] charts the long-range vision of regional transportation in Kings County through the year 2047. The RTP identifies existing and future transportation related needs, while considering all modes of travel, analyzing alternative solutions, and identifying priorities for the anticipated available funding for the projects and multiple programs included within it. SB 375, which went into effect in 2009, added statutes to the California Government Code to encourage planning practices that create sustainable communities. It calls for each metropolitan planning organization to prepare an SCS as an integrated element of the RTP that is to be updated every 4 years. The SCS is intended to show how integrated land use and transportation planning can lead to lower GHG emissions from autos and light trucks. KCAG has included the SCS in its 2022 RTP.

Local Regulations

Regional Climate Action Plan

The City of Hanford participated in the preparation of a Regional Climate Action Plan (CAP),[44] in association with KCAG and the City of Avenal, in 2014. The Regional CAP is a long-range policy document that identifies cost-effective measures to reduce GHG emissions from activities within Kings County consistent with California State AB 32. The plan includes an emission inventory, goals and policies, a reduction target, and implementation actions. Goals and policies relevant for new development are provided below.

- **E-4.1** Encourage local homebuilders to participate in the New Solar Homes Partnership to install solar PV systems on qualifying new homes.
- **E-4.2** Work with the building industry to incorporate designs improving solar readiness into building plans through voluntary green building guidelines.
- **E-5.2** Provide project applicants with green building resources, including the SJVAPCD's Best Performance Standards list for GHG reductions, and promote workshops offered by community organizations.
- **TL-1.1** Support and encourage mixed-use and medium- and high-density land use categories located within ¼ mile of a transit stop, park and ride facility, or existing developed areas, by allowing flexible zoning and/or density bonuses for applicable projects.
- **TL-1.3** Allow live/work developments that permit residents to live at their place of work and thereby reduce VMT and associated GHG emissions.

43 KCAG. 2022. 2022 Regional Transportation Plan and Sustainable Communities Strategy. September.
44 KCAG. 2014. Final Regional Climate Action Plan. May.

- **TL-2.3** Establish minimum design criteria for bicycle and pedestrian circulation and implement through the design review process.

- **TL-2.4** Encourage the installation of adequate and secure bicycle parking at all multi-family residential, commercial, governmental, and recreational locations throughout the region.

- **TL-2.5** Support land use planning that will promote pedestrian and bicyclist access to and from new development by encouraging land use and subdivision designs that provide safe bicycle and pedestrian circulation, including bicycle parking facilities and internal bicycle and pedestrian routes, where feasible.

- **TL-3.4** Support and encourage new development that provides safe routes to adjacent transit stops, where applicable.

- **TL-4.2** Work with employers and developers to provide affordable transportation alternatives and telecommuting options to serve both new and existing land uses.

- **T-1.1** Provide tree planting guidelines that address the types of trees appropriate to plant in the region, with emphasis placed on native, drought-tolerant trees.

City of Hanford 2035 General Plan

The City addresses climate change in the Air Quality Element of the General Plan.[45] The Air Quality Element provides goals, policies, and action items that work to reduce emissions of GHGs throughout the City. Additionally, City policies that work to promote alternative means of transportation, reduce VMT, and conserve energy also serve to reduce GHG emissions. The 2035 General Plan includes the following applicable goals and policies related to reducing GHG emissions and climate change impacts:

- **OBJECTIVE AQ 4:** Accurately assess and mitigate potentially significant local and regional air quality and climate change impacts from proposed projects within the City. Where possible and financially feasible, retrofit existing uses and activities to reduce emissions and climate change impacts

- **OBJECTIVE AQ 10:** Identify and achieve greenhouse gas emission reduction targets consistent with the City's proportionate fair share as may be allocated by the California Air Resources Board and Kings County Association of Governments.

- **Policy AQ 4.2:** Assess and mitigate project greenhouse gas/climate change impacts using analysis methods and significance thresholds as defined or recommended by the San Joaquin Valley Air Pollution Control District.

[45] City of Hanford. 2017. 2035 General Plan. April.

- **Policy AQ 4.3:** Ensure that air quality and climate change impacts identified during California Environmental Quality Act review are minimized and consistently and fairly mitigated to the greatest extent feasible.

- **Policy AQ 4.5:** Encourage and support the development of innovative and effective mitigation measures and programs to reduce air quality and climate change impacts through proactive coordination with the San Joaquin Valley Air Pollution Control District project applicants, and other knowledgeable and interested parties.

- **Policy AQ 6.1:** Project sponsors shall demonstrate that all feasible Transportation Control Measures and other measures have been incorporated into project designs which increase the effective capacity of the existing road network prior to seeking approval to construct additional roadway capacity, such as additional lanes or new highways.

- **Policy AQ 7.6:** Encourage the use of solar-ready roofs into residential and commercial development. New residential development should include proper solar orientation (south facing roof area sloped at 20° to 55° from the horizontal), clear access on the south sloped roof (no chimneys, heating vents, plumbing vents, etc.), electrical conduit installed for solar electric system wiring, plumbing installed for solar hot water systems, and space provided for a solar hot water storage tank. Roofs for commercial development should be designed to maximize potential area available for solar panels and provide electrical conduit to support future installation.

- **Policy AQ 10.1:** As recommended in the San Joaquin Valley Air Pollution Control District's Guidance for Valley Land-use Agencies in Addressing GHG Emission Impacts for New Projects under CEQA (December 2009), the City establishes an initial goal of reducing greenhouse gas emissions from development projects within its authority by 29 percent below year 2020 business as usual emissions. The City will also work with Kings County Association of Governments to ensure that it achieves its proportionate fair share reduction in greenhouse gas emissions as may be identified under the provisions of SB 375 (2008 Chapter 728) for any projects or activities requiring approval of Kings County Association of Governments.

- **Policy T70:** Pedestrian Connections. Increase connectivity through direct and safe pedestrian connections to public amenities, neighborhoods, village centers and other destinations throughout the City.

- **Policy T95:** Promote and encourage the installation and use of electric vehicle (EV) charging stations and remove obstacles to their use as well as minimizing costs of permitting.

- **Policy O14:** Promote and encourage the use of alternative fuels and renewable energy.

- **Policy O15**: Require that new development incorporate energy-efficient design features for HVAC, lighting systems, and insulation that meet or exceed California Code of Regulations Title 24.

- **Policy O16:** Encourage the use of native and drought tolerant shade trees and vines on southern and western exposure building walls as an energy conservation technique.

SETTING

This section describes the current SJVAPCD attainment status, existing climate and air quality, ambient air quality monitoring results, and GHG emissions inventory.

ATTAINMENT STATUS

The CARB is required to designate areas of the State as attainment, nonattainment, or unclassified for all State standards. An *attainment* designation for an area signifies that pollutant concentrations did not violate the standard for that pollutant in that area. A *nonattainment* designation indicates that a pollutant concentration violated the standard at least once, excluding those occasions when a violation was caused by an exceptional event, as defined in the criteria. An *unclassified* designation signifies that data do not support either an attainment or nonattainment status. The CCAA divides districts into moderate, serious, and severe air pollution categories, with increasingly stringent control requirements mandated for each category.

The USEPA designates areas for O_3, CO, and NO_2 as either does not meet the primary standards, or cannot be classified, or better than national standards. For SO_2, areas are designated as does not meet the primary standards, does not meet the secondary standards, cannot be classified, or better than national standards.

Table D provides a summary of the attainment status for the SJVAB with respect to NAAQS and CAAQS.

Table D: San Joaquin Valley Air Basin Air Quality Attainment Status

Pollutant	State	Federal
Ozone (1-hour)	Severe/Nonattainment	Not Applicable
Ozone (8-hour)	Nonattainment	Extreme Nonattainment
PM_{10}	Nonattainment	Attainment (Maintenance)
$PM_{2.5}$	Nonattainment	Nonattainment
Carbon Monoxide	Attainment	Attainment (Maintenance)
Nitrogen Dioxide	Attainment	Unclassified/Attainment
Lead	Attainment	Unclassified/Attainment
Sulfur Dioxide	Attainment	Unclassified
Sulfates	Attainment	No Federal Standard
Hydrogen Sulfide	Unclassified	No Federal Standard

Source: California Air Resources Board and USEPA (2023).
PM_{10} = particulate matter less than 10 microns in size
$PM_{2.5}$ = particulate matter less than 2.5 microns in size

EXISTING CLIMATE AND AIR QUALITY

Air quality is a function of both local climate and local sources of air pollution. The amount of a given pollutant in the atmosphere is determined by the amount of the pollutant released and the atmosphere's ability to transport and dilute the pollutant. The major determinants of transport and dilution are wind, atmospheric stability, terrain, and for photochemical pollutants, sunshine.

The project site is located within the SJVAB and is under the jurisdiction of the SJVAPCD. A region's topographic features have a direct correlation with air pollution flow and therefore are used to determine the boundary of air basins. The SJVAB is comprised of approximately 25,000 square miles and covers eight counties including Fresno, Kings, Madera, Merced, San Joaquin, Stanislaus, Tulare, and the western portion of Kern. The SJVAB is defined by the Sierra Nevada mountains in the east (8,000 to 14,000 feet in elevation), the Coast Ranges in the west (averaging 3,000 feet in elevation), and the Tehachapi mountains in the south (6,000 to 8,000 feet in elevation). The valley is basically flat with a slight downward gradient to the northwest. The valley opens to the sea at the Carquinez Straits where the San Joaquin-Sacramento Delta empties into San Francisco Bay. An aerial view of the SJVAB would simulate a "bowl" opening only to the north. These topographic features restrict air movement through and out of the basin.

Although marine air generally flows into the basin from the San Joaquin River Delta, the Coast Range hinders wind access into the SJVAB from the west, the Tehachapi Mountains prevent southerly passage of air flow, and the high Sierra Nevada range is a significant barrier to the east. These topographic features result in weak air flow which becomes blocked vertically by high barometric pressure over the SJVAB. As a result, the SJVAB is highly susceptible to pollutant accumulation over time. Most of the surrounding mountains are above the normal height of summer inversion layers (1,500 to 3,000 feet).

Local climatological effects, including wind speed and direction, temperature, inversion layers, precipitation and fog, can exacerbate the air quality in the SJVAB. Wind speed and direction play an important role in the dispersion and transport of air pollutants. Wind at the surface and aloft can disperse pollution by mixing vertically and by transporting it to other locations. For example, in the summer, wind usually originates at the north end of the SJVAB and flows in a south-southeasterly direction through the SJVAB, through Tehachapi pass, into the Southeast Desert Air Basin. In the winter, wind direction is reversed and flows in a north-northwesterly direction. In addition to the seasonal wind flow, a sea breeze flows into SJVAB during the day and a land breeze flowing out of the SJVAB at night. The diversified wind flow enhances the pollutant transport capability within SJVAB.

The annual average temperature varies throughout the SJVAB, ranging from the low 40s to high 90s, measured in °F. With a more pronounced valley influence, inland areas show more variability in annual minimum and maximum temperatures than coastal areas. The climatological station closest to the site is the Hanford 1S Station (043747). The monthly average maximum temperature recorded at this station from July 1899 to June 2016 ranged from 54.7°F in January to 97.8°F in July, with an annual average maximum of 76.7°F. The monthly average minimum temperature recorded at this station ranged from 34.6°F in December to 65.7°F in July, with an annual average minimum of 62.5°F.[46] These levels are still representative of the project area. January and December are typically the coldest months, and July is typically the warmest month in this area of the SJVAB.

The majority of annual rainfall in the SJVAB occurs between November and March. Summer rainfall is minimal and is generally limited to scattered thundershowers in desert regions and slightly

[46] Western Regional Climate Center. n.d. Hanford 1 S, California (043747), Period of Record Monthly Climate Summary. Website: https://wrcc.dri.edu/summary/Climsmcca.html (accessed November 2024).

heavier showers near the lower portion of the SJVAB and along the Sierra Nevada mountains to the east. Average monthly rainfall during that period varied from 0.01 inch in July and August to 1.60 inches in January, with an annual total of 8.38 inches.[47] Patterns in monthly and yearly rainfall totals are predictable due to the recognizable differences in seasons within the valley.

The vertical dispersion of air pollutants in the SJVAB is limited by the presence of persistent temperature inversions. Because of cooling of the atmosphere, air temperature usually decreases with altitude. A reversal of this atmospheric state, where the air temperature increases with height, is termed an inversion. Inversions can exist at the surface, or at any height above the ground. The height of the base of the inversion is known as the "mixing height." This is the level within which pollutants can mix vertically. Air above and below the inversion base does not mix because of the differences in air density. Semi-permanent systems of high barometric pressure fronts frequently establish themselves over the SJVAB, preventing low pressure systems that might otherwise bring rain and winds that clean the air.

Inversion layers are significant in determining ozone formation, and CO and PM_{10} concentrations. Ozone and its precursors will mix and react to produce higher ozone concentrations under an inversion. The inversion will also simultaneously trap and hold directly emitted pollutants such as carbon monoxide. PM_{10} is both directly emitted and created in the atmosphere as a chemical reaction. Concentration levels of pollutants are directly related to inversion layers due to the limitation of mixing space.

Surface or radiation inversions are formed when the ground surface becomes cooler than the air above it during the night. The earth's surface goes through a radiative process on clear nights, where heat energy is transferred from the ground to a cooler night sky. As the earth's surface cools during the evening hours, the air directly above it also cools, while air higher up remains relatively warm. The inversion is destroyed when heat from the sun warms the ground, which in turn heats the lower layers of air; this heating stimulates the ground level air to float up through the inversion layer.

The combination of stagnant wind conditions and low inversions produces the greatest pollutant concentrations. On days of no inversion or high wind speeds, ambient air pollutant concentrations are lowest. Periods of low inversions and low wind speeds are conditions favorable to high concentrations of CO and PM_{10}. In the winter, the greatest pollution problems are CO and NO_x because of extremely low inversions and air stagnation during the night and early morning hours. In the summer, the longer daylight hours and the brighter sunshine combine to cause a reaction between hydrocarbons and oxides of nitrogen to form photochemical smog.

AIR QUALITY MONITORING RESULTS

Air quality monitoring stations are located throughout the nation and are maintained by the local air pollution control district and State air quality regulating agencies. The SJVAPCD, together with the CARB, maintains ambient air quality monitoring stations in the SJVAB. The air quality monitoring

[47] Western Regional Climate Center. n.d. Hanford 1 S, California (043747), Period of Record Monthly Climate Summary. Website: https://wrcc.dri.edu/summary/Climsmcca.html (accessed November 2024).

stations closest to the project are the Hanford South Irwin Street station located at 807 South Irwin Street in Hanford, California, and the Fresno-Garland station located at 3727 North First Street, Fresno, California.

Pollutant monitoring results for years 2021 to 2023 at the nearby ambient air quality monitoring stations, shown in Table E, indicate that air quality in the area has generally been moderate. As indicated in the monitoring results, the State PM_{10} standard was exceeded 146 times in 2021, 141 times in 2022, and 114 of times in 2023. In addition, the federal PM_{10} standard was exceeded two times in 2021, one time in 2022 and one time in 2023. The federal $PM_{2.5}$ standard had 31 exceedances in 2021, 27 exceedances in 2022, and 11 exceedances in 2023. The State 1-hour ozone standard was exceeded two times in 2021 with zero exceedances in 2022 and 2023. The State 8-hour ozone standard was exceeded 18 times in 2021, 13 times in 2022, and 14 times in 2023. The federal 8-hour standard was exceeded 16 times in 2021, 12 times in 2022, and 11 times in 2023. The NO_2 standards were not exceeded in this area during the 2-year period, and 2023 data is unknown. The federal 1-hour and 8-hour CO standards were not exceeded in the 3-year period. Furthermore, the federal SO_2 standards were not exceeded between 2021 and 2023.

Table E: Ambient Air Quality at Nearby Monitoring Stations

Pollutant	Standard	2021	2022	2023
Carbon Monoxide (CO) [2]				
Maximum 1-hour concentration (ppm)		1.9	2.1	2.2
Number of days exceeded:	State: > 20 ppm	ND	ND	ND
	Federal: > 35 ppm	0	0	0
Maximum 8-hour concentration (ppm)		1.7	1.8	1.7
Number of days exceeded:	State: > 9 ppm	ND	ND	ND
	Federal: > 9 ppm	0	0	0
Ozone (O_3) [1]				
Maximum 1-hour concentration (ppm)		0.102	0.091	0.091
Number of days exceeded:	State: > 0.09 ppm	2	0	0
Maximum 8-hour concentration (ppm)		0.095	0.081	0.083
Number of days exceeded:	State: > 0.07 ppm	18	13	14
	Federal: > 0.07 ppm	16	12	11
Coarse Particulates (PM_{10}) [1]				
Maximum 24-hour concentration (µg/m^3)		175.0	250.8	157.3
Number of days exceeded:	State: > 50 µg/m^3	146	141	114
	Federal: > 150 µg/m^3	2	1	1
Annual arithmetic average concentration (µg/m^3)		48.1	48.4	43.8
Exceeded for the year:	State: > 20 µg/m^3	Yes	Yes	Yes
	Federal: > 50 µg/m^3	No	No	No
Fine Particulates ($PM_{2.5}$) [1]				
Maximum 24-hour concentration (µg/m^3)		81.0	62.9	54.4
Number of days exceeded:	Federal: > 35 µg/m^3	31	27	11
Annual arithmetic average concentration (µg/m^3)		15.6	14.1	12.5
Exceeded for the year:	State: > 12 µg/m^3	Yes	Yes	Yes
	Federal[1] > 12 µg/m^{3a}	Yes	Yes	Yes
Nitrogen Dioxide (NO_2)[2]				
Maximum 1-hour concentration (ppm)		0.0075	0.0547	0.0479
Number of days exceeded:	State: > 0.250 ppm	0	0	ND

Table E: Ambient Air Quality at Nearby Monitoring Stations

Pollutant	Standard	2021	2022	2023
Annual arithmetic average concentration (ppm)		0.00845	0.00811	0.00779
Exceeded for the year:	Federal: > 0.053 ppm	0	0	ND
Sulfur Dioxide (SO_2)[2]				
Maximum 1-hour concentration (ppm)		0.0027	0.0034	0.0050
Number of days exceeded:	State: > 0.25 ppm	ND	ND	ND
Maximum 24-hour concentration (ppm)		0.0027	0.0012	0.0023
Number of days exceeded:	State: > 0.04 ppm	ND	ND	ND
	Federal: > 0.14 ppm	0	0	0
Annual arithmetic average concentration (ppm)		0.00043	0.00034	0.00043
Exceeded for the year:	Federal: > 0.030 ppm	No	No	No

Sources: CARB (2024) and USEPA (2024).
[1] Data taken from the Hanford South Irwin Street station located at 807 South Irwin Street in Hanford, California
[2] Data taken from the Fresno-Garland station located at 3727 North First Street, Fresno, California.
$\mu g/m^3$ = micrograms per cubic meter
CARB = California Air Resources Board
ND = No data. There were insufficient (or no) data to determine the value.
ppm = parts per million
USEPA = United States Environmental Protection Agency

GREENHOUSE GAS EMISSIONS INVENTORY

An emissions inventory that identifies and quantifies the primary human-generated sources and sinks of GHGs is a well-recognized and useful tool for addressing climate change. This section summarizes the latest information on global, United States, and California GHG emission inventories.

Global Emissions

Worldwide emissions of GHGs in 2020 totaled 22.9 billion metric tons (MT) of CO_2e. Global estimates are based on country inventories developed as part of the programs of the United Nations Framework Convention on Climate Change.[48]

United States Emissions

In 2022, the year for which the most recent data are available, the United States emitted about 6,343.2 MMT CO_2e. Overall, net emissions increased by 1.3 percent from 2021 to 2022 and decreased by 16.7 percent from 2005 levels. The increase in total GHG emissions was driven by an increase in CO_2 emissions from fossil fuel combustion. In 2022, CO_2 emissions from fossil fuel combustion increased by 1 percent relative to the previous year. This increase in fossil fuel consumption emissions was due primarily to economic activity rebounding after the height of the COVID-19 pandemic. Of the five major sectors (e.g., residential and commercial, agricultural, industry, transportation, and electricity generation), transportation accounted for the highest

[48] United Nations Framework Convention on Climate Change (UNFCCC). 2021. GHG Data from UNFCCC. Website: unfccc.int/process-and-meetings/transparency-and-reporting/greenhouse-gas-data/ghg-data-unfccc/ghg-data-from-unfccc (accessed June 2024).

amount of GHG emissions in 2022 (approximately 28 percent), with electricity generation second at 25 percent and emissions from industry third at 23 percent.[49]

State of California Emissions

The State emitted approximately 381.3 MMT CO_2e emissions in 2021, which was 12.1 MMT CO_2e higher than 2020 levels and 49.7 MMT CO_2e below the 2020 GHG limit of 431 MMT CO_2e.[50] CARB estimates that transportation was the source of approximately 38 percent of the State's GHG emissions in 2021. The next largest sources included industrial sources at approximately 19 percent and electricity generation at 16 percent. The remaining sources of GHG emissions were commercial and residential activities at 10 percent, agriculture at 8 percent, high GWP at 6 percent, and waste at 2 percent.[51]

Kings County GHG Emissions

The Kings County Community-Wide Greenhouse Gas Emissions Inventory[52] was prepared by the SJVAPCD in April 2013 to identify the major sources and quantities of GHG emissions produced county-wide in 2005 and forecast how emissions may change over time. Emissions for the region were calculated to be 1,139,135 MT CO_2e for the base year of 2005 and were forecast to be 1,187,184 MT CO_2e in 2020, representing a 13 percent increase (where population and employment were projected to increase by 25 percent and 29 percent, respectively). Transportation and fuel consumption were calculated to be the largest contributors to GHG emissions in the region, followed by electricity consumption and waste management.

49 USEPA. 2024. Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2022. Website: https://www.epa.gov/system/files/documents/2024-04/us-ghg-inventory-2024-main-text_04-18-2024.pdf (accessed June 2024).

50 CARB. 2023. *California Greenhouse Gas Emissions for 2000 to 2021, Trends of Emissions and Other Indicators Report*. Website: https://ww2.arb.ca.gov/sites/default/files/2023-12/2000_2021_ghg_inventory_trends.pdf (accessed June 2024).

51 Ibid.

52 SJVAPCD. 2013. Kings County Community-Wide Greenhouse Gas Emissions Inventory. April.

METHODOLOGY

The methodology used to estimate air quality, health risk, GHG, and energy impacts is described below.

CONSTRUCTION EMISSIONS

Construction activities can generate a substantial amount of air pollution. Construction activities are considered temporary; however, short-term impacts can contribute to exceedances of air quality standards. Construction activities include site preparation, earthmoving, and general construction. The emissions generated from these common construction activities include fugitive dust from soil disturbance; fuel combustion from mobile, heavy-duty, diesel- and gasoline-powered equipment; portable auxiliary equipment; and worker commute trips.

The California Emissions Estimator Model (CalEEMod) Version 2022.1 computer program was used to calculate emissions from on-site construction equipment and emissions from worker and vehicle trips to the site. Construction of the proposed project is anticipated to begin in February 2025 and is anticipated to occur over 5 years, which was included in CalEEMod. The proposed project would not require the import or export of soil but would require the demolition of approximately 2,000 square feet of existing buildings, which was also included in CalEEMod. This analysis also assumes the use of Tier 2 construction equipment and that the proposed project would comply with the requirements of SJVAPCD Regulation VIII for fugitive dust control.[53] Other detailed construction information is currently unavailable; therefore, this analysis utilizes CalEEMod default assumptions.

CONSTRUCTION HEALTH RISK ASSESSMENT

A construction Health Risk Assessment (HRA), which evaluates construction-period health risk to off-site receptors, was performed for the proposed project, and the analysis is presented below. To estimate the potential cancer risk associated with construction of the proposed project from equipment exhaust (including DPM), a dispersion model was used to translate an emission rate from the source location to a concentration at the receptor location of interest (i.e., a nearby residence and worksites). Dispersion modeling varies from a simpler, more conservative screening-level analysis to a more complex and refined detailed analysis. This refined assessment was conducted using the CARB exposure methodology with the air dispersion modeling performed using the dispersion model American Meteorological Society/USEPA Regulatory Model (AERMOD). The model provides a detailed estimate of exhaust concentrations based on site and source geometry, source emissions strength, distance from the source to the receptor, and meteorological data.

OPERATIONAL EMISSIONS

The air quality analysis includes estimating emissions associated with long-term operation of the proposed project. Consistent with the SJVAPCD guidance for estimating emissions associated with

[53] SJVPCD. 2024. Current District Rules and Regulations. Website: ww2.valleyair.org/rules-and-planning/current-district-rules-and-regulations (accessed November 2024).

land use development projects, the CalEEMod computer program was used to calculate the long-term operational emissions associated with the project.

As discussed in the Project Description section, the proposed project would include the construction of 615 single-family residential units along with park space, interior and exterior streets, and storm basins. The proposed project analysis was conducted using land use codes *Single Family Housing, Parking Lot* and *City Park.* Trip generation rates used in CalEEMod for the project were based on the project's traffic study, which identified that the proposed project would generate approximately 5,366 average daily trips.[54] The proposed project would not include natural gas. In addition, consistent with SJVAPCD Rule 4901,[55] this analysis assumes that the proposed project would not include any wood burning (or natural gas) fireplaces. Where project-specific data were not available, default assumptions (e.g., energy usage, water usage, and solid waste generation) from CalEEMod were used to estimate project emissions. CalEEMod output sheets are included in Appendix A.

ENERGY USE

The analysis of electricity/natural gas usage is based on the CalEEMod modeling conducted by LSA, which quantifies energy use for project operations. CalEEMod quantifies direct emissions from construction and operations (including vehicle use), as well as indirect emissions, such as GHG emissions from energy use, solid waste disposal, vegetation planting and/or removal, and water use. CalEEMod utilizes widely accepted methodologies for estimating emissions combined with default data that can be used when site-specific information is not available, including data from the CEC. CalEEMod contains default values for estimating utility consumption (e.g., water, electricity, natural gas) that may be used in preparation of energy analyses. Additionally, it should also be noted that the energy use factors included in CalEEMod, which was used to estimate energy for the project, are based on the CEC-sponsored California Commercial End Use Survey (CEUS) and Residential Appliance Saturation Survey (RASS) studies, which provide a more conservative assumption based on actual use surveys and are the best available information for purposes of this assessment. As such, CalEEMod is appropriate for use in energy analyses. In addition, fuel consumption (diesel fuel and gasoline) from vehicle trips during operation was estimated for the opening year (2030) of the proposed Project based on trip estimates from the CalEEMod model and fuel efficiencies from the CARB's EMFAC2021 model. Estimates of fuel consumption (diesel fuel and gasoline) from construction trucks and construction worker vehicles were based on trip estimates from the CalEEMod model and fuel efficiencies from the CARB EMFAC2021 model.

The analysis focuses on the sources of energy that are relevant to the proposed project: electricity, the equipment fuel necessary for project construction, and vehicle fuel necessary for project operations. For the purposes of this analysis, the amount of electricity, construction fuel, and fuel use from operations are quantified and compared to that consumed in Kings County. The electricity use of the proposed project is analyzed as a whole on an annual basis. Electricity use was estimated for the project using default energy intensities by land use type in CalEEMod.

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54 Ruettgers & Schuler Civil Engineers. 2024. Traffic Study: Subdivision Tract Map #944, 12th Avenue and Fargo Avenue, City of Hanford. July.

55 Ibid.

GREENHOUSE GAS ANALYSIS

GHG emissions associated with the project would occur over the short term from construction activities, consisting primarily of emissions from equipment exhaust. There would also be long-term GHG emissions associated with project-related area sources, energy consumption, water conveyance and treatment, and waste generation. GHG emissions were estimated using CalEEMod.

THRESHOLDS OF SIGNIFICANCE

AIR QUALITY

The *State CEQA Guidelines* indicate that a project would normally have a significant adverse air quality impact if project-generated pollutant emissions would do any of the following:

- Conflict with or obstruct implementation of the applicable air quality plan;
- Result in a cumulatively considerable net increase of any criteria pollutant for which the project is nonattainment under applicable federal or State ambient air quality standards;
- Expose sensitive receptors to substantial pollutant concentrations; or
- Result in other emissions (such as those leading to odors) affecting a substantial number of people.

Regional Emissions Thresholds

The SJVAPCD defines emissions thresholds in the GAMAQI, which are established based on the attainment status of the air basin in regard to air quality standards for specific criteria pollutants.[56] Because the concentration standards were set at a level that protects public health with an adequate margin of safety, these emission thresholds are regarded as conservative and would overstate an individual project's contribution to health risks. The related impacts are discussed further in the Project Impacts section. The SJVAPCD regional emission thresholds for construction and operation are shown in Table F.

Table F: Regional Thresholds for Construction and Operational Emissions

Emissions Source	Pollutant Emissions Threshold (tons per year)					
	CO	NO_X	ROG	SO_X	PM_{10}	$PM_{2.5}$
Construction	100	10	10	27	15	15
Operations	100	10	10	27	15	15

Source: *Guidance for Assessing and Mitigating Air Quality Impacts* (SJVAPCD 2015).
CO = carbon monoxide
NO_X = nitrogen oxides
$PM_{2.5}$ = particulate matter less than 2.5 microns in size
PM_{10} = particulate matter less than 10 microns in size
ROG = reactive organic gas
SJVAPCD = San Joaquin Valley Air Pollution Control District
SO_X = sulfur oxides

Local Microscale Concentration Standards

The significance of localized project impacts under CEQA depends on whether ambient CO levels in the vicinity of the project are above or below State and federal CO standards. Because ambient CO levels are below the standards throughout the SJVAB, a project would be considered to have a

[56] SJVAPCD. 2015a. *Guidance for Assessing and Mitigating Air Quality Impacts*. March 19. Website: www.valleyair.org/transportation/ceqa_idx.htm (accessed June 2024).

significant CO impact if project emissions result in an exceedance of one or more of the 1-hour or 8-hour standards. The following are applicable local emission concentration standards for CO:

- California State 1-hour CO standard of 20 ppm
- California State 8-hour CO standard of 9 ppm

Health Risk Thresholds

Both the State and federal governments have established health-based AAQS for seven air pollutants. For other air pollutants without defined significance standards, the definition of substantial pollutant concentrations varies. For TACs, "substantial" is taken to mean that the individual health risk exceeds a threshold considered to be a prudent risk management level.

The following limits for maximum individual cancer risk (MICR) and noncancer acute and chronic Hazard Index (HI) from project emissions of TACs are considered appropriate for use in determining the health risk for projects in the SJVAB:

- **MICR:** MICR is the estimated probability of a maximum exposed individual (MEI) contracting cancer as a result of exposure to TACs over a period of 70 years for adults and 9 years for children in residential locations, 350 days per year. The SJVAPCD's *Update to the District's Risk Management Policy to Address the California Office of Environmental Health Hazard Assessment (OEHHA) Revised Risk Assessment Guidance Document* states that emissions of TACs are considered significant if an HRA shows an increased risk of greater than 20 in 1 million.[57]

- **Chronic HI:** Chronic HI is the ratio of the estimated long-term level of exposure to a TAC for a potential MEI to its chronic reference exposure level. The chronic HI calculations include multi-pathway consideration when applicable. The project would be considered significant if the cumulative increase in total chronic HI for any target organ system would exceed 1.0 at any receptor location.

- **Acute HI:** Acute HI is the ratio of the estimated maximum 1-hour concentration of a TAC for a potential MEI to its acute reference exposure level. The project would be considered significant if the cumulative increase in total acute HI for any target organ system would exceed 1.0 at any receptor location.

ENERGY THRESHOLDS

The *State CEQA Guidelines* indicate that a project would normally have a significant adverse impact related to energy if the project would:

- Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources during project construction or operation; or

[57] SJVAPCD. 2015b. *Update to the District's Risk Management Policy to Address the California Office of Environmental Health Hazard Assessment (OEHHA) Revised Risk Assessment Guidance Document.* May.

- Conflict with or obstruct a State or local plan for renewable energy or energy efficiency.

GREENHOUSE GAS THRESHOLDS

The *State CEQA Guidelines* indicate that a project would normally have a significant adverse GHG emission impact if the project would:

- Generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment; or

- Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs.

The KCAG's Final Regional Climate Action Plan (Regional CAP)[58] was designed to meet the requirements for a Qualified GHG Reduction Strategy and streamline environmental review of future development projects in Kings County consistent with *State CEQA Guidelines* Section 15183.5(b). However, the Regional CAP identifies emission reduction goals to reduce GHG emissions in the region by 15 percent below the 2005 emissions levels by 2020, consistent with AB 32. The proposed project would not be operational until post-2020. As the Regional CAP was prepared based on the 2020 GHG targets, which are now superseded by the 2030 GHG targets established in SB 32 and the State goals for carbon neutrality by 2045, as codified in AB 1279, the Regional CAP would not be applicable for CEQA streamlining. In addition, the SJVAPCD has not established a numeric threshold for GHG emissions.

As discussed, the significance of GHG emissions may be evaluated based on locally adopted quantitative thresholds or consistency with a regional GHG reduction plan (e.g., a CAP). Neither the City of Hanford nor the SJVAPCD has developed or adopted numeric GHG significance thresholds. Therefore, the proposed project was analyzed for consistency with the 2022 Scoping Plan.[59]

58 KCAG. 2014. Final Regional Climate Action Plan. May.

59 CARB. 2021. *2022 Scoping Plan Update*. May 10. Website: https://ww2.arb.ca.gov/sites/default/files/2022-12/2022-sp.pdf (accessed November 2024).

IMPACTS ANALYSIS

This section identifies the air quality, health risk, GHG and energy impacts associated with implementation of the proposed project.

AIR QUALITY IMPACTS

Air pollutant emissions associated with the project would occur over the short term from construction activities and over the long term from operational activities associated with the proposed project.

Consistency with Applicable Air Quality Plans

An air quality plan describes air pollution control strategies to be implemented by a city, county, or region classified as a nonattainment area. As discussed above, the SJVAB is designated as non-attainment for O_3 and $PM_{2.5}$ for federal standards and non-attainment for O_3, PM_{10}, and $PM_{2.5}$ for State standards. The main purpose of the air quality plan is to bring the area into compliance with the requirements of the federal and State air quality standards. To bring the San Joaquin Valley into attainment, the SJVAPCD adopted the *2022 Plan for the 2015 8-Hour Ozone Standard* in December 2022 to satisfy Clean Air Act requirements and ensure attainment of the 75 parts per billion (ppb) 8-hour ozone standard.[60]

To ensure the SJVAB's continued attainment of the USEPA PM_{10} standard, the SJVAPCD adopted the 2007 PM_{10} Maintenance Plan in September 2007.[61] The SJVAPCD adopted the *2018 Plan for the 1997, 2006, and 2012 $PM_{2.5}$ Standards* in November 2018, to address the USEPA 1997 annual $PM_{2.5}$ standard of 15 µg/m^3 and 24-hour $PM_{2.5}$ standard of 65 µg/m^3, the 2006 24-hour $PM_{2.5}$ standard of 35 µg/m^3, and the 2012 annual $PM_{2.5}$ standard of 12 µg/m^3.[62]

For a project to be consistent with SJVAPCD air quality plans, the pollutants emitted from a project should not exceed the SJVAPCD emission thresholds or cause a significant impact on air quality. In addition, emission reductions achieved through implementation of offset requirements are a major component of the SJVAPCD air quality plans. As discussed below, construction of the proposed project would not result in the generation of criteria air pollutants that would exceed SJVAPCD thresholds of significance. In addition to the construction period thresholds of significance, the SJVAPCD has implemented Regulation VIII measures for dust control during construction.[63] These control measures are intended to reduce the amount of PM_{10} emissions during the construction period. Implementation of the fugitive dust control measures outlined in Regulatory Compliance

60 SJVAPCD. 2016. *2016 Plan for the 2008 8-Hour Ozone Standard*. June 16. Website: www.valleyair.org/Air_Quality_Plans/Ozone-Plan-2016.htm (accessed October 2024).

61 SJVAPCD. 2007. *2007 PM_{10} Maintenance Plan and Request for Redesignation*. Website: www.valleyair.org/Air_Quality_Plans/docs/Maintenance%20Plan10-25-07.pdf (accessed October 2024).

62 SJVAPCD. 2018. *2018 Plan for the 1997, 2006, and 2012 $PM_{2.5}$ Standards*. November 15. Website: http://valleyair.org/pmplans/documents/2018/pm-plan-adopted/2018-Plan-for-the-1997-2006-and-2012-PM2.5-Standards.pdf (accessed October 2024).

63 SJVPCD. 2024. Current District Rules and Regulations. Website: ww2.valleyair.org/rules-and-planning/current-district-rules-and-regulations (accessed November 2024).

Measure (RCM) AIR-1, would ensure that the proposed project complies with Regulation VIII, further reduces the short-term construction period air quality impacts, and ensures compliance with air quality plans. In addition, as discussed below, long-term operational emissions associated with the proposed project, including area, energy, and mobile source emissions, would also not exceed SJVAPCD established significance thresholds. Therefore, the proposed project would not conflict with or obstruct implementation of SJVAPCD air quality plans.

Criteria Pollutant Analysis

The SJVAB is currently designated as nonattainment for the federal and State standards for O_3 and $PM_{2.5}$. In addition, the SJVAB is in nonattainment for the PM_{10} standard. The SJVAB's nonattainment status is attributed to the region's development history. Past, present, and future development projects contribute to the region's adverse air quality impacts on a cumulative basis. By its very nature, air pollution is largely a cumulative impact. No single project is sufficient in size to, by itself, result in nonattainment of an ambient air quality standard. Instead, a project's individual emissions contribute to existing cumulatively significant adverse air quality impacts. If a project's contribution to the cumulative impact is considerable, then the project's impact on air quality would be considered significant.

In developing thresholds of significance for air pollutants, the SJVAPCD considered the emission levels for which a project's individual emissions would be cumulatively considerable. If a project exceeds the identified significance thresholds, its emissions would be cumulatively considerable, resulting in significant adverse air quality impacts to the region's existing air quality conditions. The following analysis assesses the potential construction- and operation-related air quality impacts.

Construction Emissions

During construction, short-term degradation of air quality may occur due to the release of particulate emissions generated by demolition, grading, paving, building, and other activities. Emissions from construction equipment are also anticipated and would include CO, NO_x, ROG, directly emitted particulate matter ($PM_{2.5}$ and PM_{10}), and TACs (e.g., DPM).

Construction activities associated with the proposed project would include site preparation, grading, paving, and building activities. Construction-related effects on air quality from the proposed project would be greatest during the site preparation phase due to the disturbance of soils. If not properly controlled, these activities would temporarily generate particulate emissions. Sources of fugitive dust would include disturbed soils at the construction site. Unless properly controlled, vehicles leaving the site would deposit dirt and mud on local streets, which could be an additional source of airborne dust after it dries. PM_{10} emissions would vary from day to day, depending on the nature and magnitude of construction activity and local weather conditions. PM_{10} emissions would depend on soil moisture, silt content of soil, wind speed, and the amount of operating equipment. Larger dust particles would settle near the source, while fine particles would be dispersed over greater distances from the construction site.

Water or other soil stabilizers can be used to control dust, resulting in emission reductions of 50 percent or more. The SJVAPCD has implemented Regulation VIII measures for reducing fugitive dust

emissions (PM_{10}).[64] With the implementation of Regulation VIII measures, fugitive dust emissions from construction activities would not result in adverse air quality impacts.

In addition to dust-related PM_{10} emissions, heavy trucks and construction equipment powered by gasoline and diesel engines would generate CO, SO_2, NO_x, ROG, and some soot particulate ($PM_{2.5}$ and PM_{10}) in exhaust emissions. If construction activities were to increase traffic congestion in the area, CO and other emissions from traffic would increase slightly while those vehicles idle in traffic. These emissions would be temporary in nature and limited to the immediate area surrounding the construction site.

Construction emissions were estimated for the project using CalEEMod and are summarized in Table G. Appendix A provides CalEEMod output sheets.

Table G: Short-Term Regional Construction Emissions

Construction Year	Pollutant Emissions (Tons per Year)					
	ROG	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
2025	0.2	1.7	1.6	<0.1	0.4	0.2
2026	0.2	1.7	1.8	<0.1	0.3	0.2
2027	0.3	1.9	2.9	<0.1	0.3	0.1
2028	0.2	1.4	2.7	<0.1	0.3	0.1
2029	4.2	1.0	1.8	<0.1	0.1	0.1
2030	0.1	0.5	0.8	<0.1	<0.1	<0.1
Maximum Annual Emissions	**4.2**	**1.9**	**2.9**	**<0.1**	**0.4**	**0.2**
SJVAPCD Threshold	**10.0**	**10.0**	**100.0**	**27.0**	**15.0**	**15.0**
Significant?	**No**	**No**	**No**	**No**	**No**	**No**

Source: Compiled by LSA (November 2024).
CO = carbon monoxide
NO_x = nitrogen oxides
$PM_{2.5}$ = particulate matter less than 2.5 microns in size
PM_{10} = particulate matter less than 10 microns in size
ROG = reactive organic gas
SJVAPCD = San Joaquin Valley Air Pollution Control District
SO_x = sulfur oxides

As shown in Table G, construction emissions associated with the proposed project would not exceed the SJVAPCD's thresholds for ROG, NO_x, CO, SO_x, PM_{10}, and $PM_{2.5}$ emissions. In addition to the construction period thresholds of significance, the SJVAPCD has implemented Regulation VIII measures for dust control during construction. Implementation of RCM AIR-1 would ensure that the proposed project complies with Regulation VIII.

RCM AIR-1 Consistent with San Joaquin Valley Air Pollution Control District (SJVAPCD) Regulation VIII (Fugitive PM_{10} Prohibitions), the following controls are required to be included as specifications for the proposed project and implemented at the construction site:

1. All disturbed areas, including storage piles, which are not being actively utilized for construction purposes, shall be effectively stabilized of dust emissions using

64 Ibid.

water or chemical stabilizer/suppressant or covered with a tarp or other suitable cover or vegetative ground cover.

2. All on-site unpaved roads and off-site unpaved access roads shall be effectively stabilized of dust emissions using water or chemical stabilizer/suppressant.

3. All land clearing, grubbing, scraping, excavation, land leveling, grading, cut and fill, and demolition activities shall be effectively controlled of fugitive dust emissions utilizing application of water or by presoaking.

4. When materials are transported off site, all material shall be covered, or effectively wetted to limit visible dust emissions, and at least 6 inches of freeboard space from the top of the container shall be maintained.

5. All operations shall limit or expeditiously remove the accumulation of mud or dirt from adjacent public streets at the end of each workday. (The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.)

6. Following the addition of materials to, or the removal of materials from, the surface of outdoor storage piles, said piles shall be effectively stabilized of fugitive dust emissions utilizing sufficient water or chemical stabilizer/ suppressant.

Construction emissions associated with the proposed project would be less than significant with implementation of RCM AIR-1. Therefore, construction of the proposed project would not result in a cumulatively considerable net increase of any criteria pollutant for which the project region is nonattainment under an applicable federal or State ambient air quality standard.

Operational Air Quality Impacts

Long-term air pollutant emission impacts associated with the proposed project are those related to mobile sources (e.g., vehicle trips), energy sources (e.g., natural gas), and area sources (e.g., architectural coatings and the use of landscape maintenance equipment).

Mobile source emissions include ROG and NO_X emissions that contribute to the formation of ozone. Additionally, PM_{10} emissions result from running exhaust, tire and brake wear, and the entrainment of dust into the atmosphere from vehicles traveling on paved roadways.

Energy source emissions result from activities in buildings for which natural gas is used. The quantity of emissions is the product of usage intensity (i.e., the amount of natural gas) and the emission factor of the fuel source. However, the proposed project would not include natural gas, and no natural gas demand is anticipated during operation of the proposed project.

Typically, area source emissions consist of direct sources of air emissions located at the project site, including architectural coatings and the use of landscape maintenance equipment. Area source

emissions associated with the project would include emissions from the use of landscaping equipment and the use of consumer products.

Long-term operational emissions associated with the proposed project were calculated using CalEEMod. Table H provides the proposed project's estimated operational emissions. Appendix A provides CalEEMod output sheets.

Table H: Project Operational Emissions

Emission Type	Pollutant Emissions (Tons per Year)					
	ROG	NO_X	CO	SO_X	PM_{10}	$PM_{2.5}$
Mobile Sources	2.78	3.14	17.98	0.05	4.80	1.25
Area Sources	5.45	0.03	3.15	0.00	0.00	0.00
Energy Sources	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Total Project Emissions	**8.22**	**3.26**	**21.12**	**0.06**	**4.80**	**1.25**
SJVAPCD Threshold	10.0	10.0	100.0	27.0	15.0	15.0
Exceeds Threshold?	**No**	**No**	**No**	**No**	**No**	**No**

Source: Compiled by LSA (November 2024).
Note: Some values may not appear to add correctly due to rounding.
CO = carbon monoxide
NO_x = nitrogen oxides
$PM_{2.5}$ = particulate matter less than 2.5 microns in size
PM_{10} = particulate matter less than 10 microns in size
ROG = reactive organic gas
SJVAPCD = San Joaquin Valley Air Pollution Control District
SO_X = sulfur oxides

The results shown in Table H indicate the proposed project would not exceed the significance criteria for daily ROG, NO_X, CO, sulfur oxides (SO_X), PM_{10}, or $PM_{2.5}$ emissions. Therefore, operation of the proposed project would not result in a cumulatively considerable net increase of any criteria pollutant for which the project region is in nonattainment under an applicable federal or State AAQS.

Long-Term Microscale (CO Hot Spot) Analysis

Vehicular trips associated with the proposed project would contribute to congestion at intersections and along roadway segments in the vicinity of the proposed project site. Localized air quality impacts would occur when emissions from vehicular traffic increase as a result of the proposed project. The primary mobile-source pollutant of local concern is CO, a direct function of vehicle idling time and, thus, of traffic flow conditions. CO transport is extremely limited; under normal meteorological conditions, it disperses rapidly with distance from the source. However, under certain extreme meteorological conditions, CO concentrations near a congested roadway or intersection may reach unhealthful levels, affecting local sensitive receptors (e.g., residents, schoolchildren, the elderly, and hospital patients).

Typically, high CO concentrations are associated with roadways or intersections operating at unacceptable levels of service or with extremely high traffic volumes. In areas with high ambient background CO concentrations, modeling is recommended to determine a project's effect on local CO levels.

An assessment of project-related impacts on localized ambient air quality requires that future ambient air quality levels be projected. Ambient CO levels monitored at the Fresno-Garland air quality monitoring station, the closest station to the project site monitoring this emission, showed no federal exceedances for both 1-hour and 8-hour standards.

The highest CO concentrations would normally occur during peak traffic hours; hence, CO impacts calculated under peak traffic conditions represent a worst-case analysis.

Based on the project's traffic study, the proposed project would result in 389 a.m. and 503 p.m. peak-hour trips.[65] The evaluation of the study area intersections shows that the addition of traffic associated with the proposed project is not expected to create a significant level of service changes. Therefore, given the extremely low level of CO concentrations in the project area and the lack of project-related traffic impacts at any intersections, project-related vehicles are not expected to result in CO concentrations exceeding the State or federal CO standards. No CO hot spots would occur, and the project would not result in any project-related impacts on CO concentrations.

Health Risk on Nearby Sensitive Receptors

Sensitive receptors are defined as residential uses, schools, daycare centers, nursing homes, and medical centers. Individuals particularly vulnerable to DPM are children, whose lung tissue is still developing, and the elderly, who may have serious health problems that can be aggravated by exposure to diesel particulate matter. The project site is surrounded primarily by agricultural uses with some residential and commercial uses. The closest sensitive receptors to the project site include single-family residences located approximately 65 feet east and 80 feet south of the project boundaries.

A construction HRA, which evaluates construction-period health risk to off-site receptors, was performed for the proposed project. Table I, below, identifies the results of the analysis assuming the use of Tier 2 construction equipment as a minimum requirement for the proposed project. Model snapshots of the sources are shown in Appendix B.

Table I: Health Risks from Project Construction to Off-Site Receptors

Location	Carcinogenic Inhalation Health Risk in One Million	Chronic Inhalation Hazard Index	Acute Inhalation Hazard Index
Residential Receptor Risk	4.91	0.010	0.000
Worker Receptor Risk	0.23	<0.01	0.000
School Receptor	0.16	<0.01	0.000
SJVAPCD Significance Threshold	**20.0 in one million**	**1.0**	**1.0**
Significant?	**No**	**No**	**No**

Source: LSA (June 2024).
SJVAPCD = San Joaquin Valley Air Pollution Control District

[65] Ruettgers & Schuler Civil Engineers. 2024. Traffic Study: Subdivision Tract Map #944, 12th Avenue and Fargo Avenue, City of Hanford. July.

As shown in Table I, the maximum cancer risk for the residential receptor MEI would be 4.91 in one million, which would not exceed the SJVAPCD cancer risk threshold of 20 in one million. The worker receptor risk would be lower at 0.23 in one million and the school receptor risk would be 0.16 in one million, which would also not exceed the SJVAPCD cancer risk thresholds. The total chronic HI would be 0.010 for the residential receptor MEI and less than 0.01 for the worker and school receptor MEIs, which are all below the SJVAPCD threshold of 1.0. In addition, the total acute HI would be nominal (0.000), which would also not exceed the threshold of 1.0. Therefore, construction of the proposed project would not exceed SJVAPCD thresholds and would not expose nearby sensitive receptors to substantial pollutant concentrations. No significant health risk would occur from project construction emissions.

The proposed project would include the construction of a 615-unit, single-family residential development. As identified in Table H, project operational emissions of criteria pollutants would be below SJVAPCD significance thresholds; thus, they are not likely to have a significant impact on sensitive receptors. In addition, the proposed project would be required to implement District Rule 9510, Indirect Source Review (ISR).[66] Implementation of Rule 9510 would reduce operational emissions of NO_X and PM_{10} by 33.3 percent and 50 percent, respectively. Compliance with SJVAPCD rules would further limit doses and exposures, reducing potential health risk related to vehicle and equipment emissions to a level that is not significant. Once the proposed project is constructed, it would not be a source of substantial emissions. Therefore, implementation of the proposed project would not result in new sources of TACs. Therefore, the project would not expose sensitive receptors to substantial levels of TACs.

Odors

The SJVAPCD addresses odor criteria within the GAMAQI.[67] The SJVAPCD has not established a rule or standard regarding odor emissions, rather, the district has a nuisance rule: "Any project with the potential to frequently expose members of the public to objectionable odors should be deemed to have a significant impact."[68]

During project construction, some odors may be present due to diesel exhaust. However, these odors would be temporary and limited to the construction period. The proposed uses are not anticipated to emit any objectionable odors. Any odors in general would be confined mainly to the project site and would readily dissipate. Therefore, the proposed project would not result in other emissions (such as those leading to odors) adversely affecting a substantial number of people.

66 SJVPCD. 2024. Current District Rules and Regulations. Website: ww2.valleyair.org/rules-and-planning/current-district-rules-and-regulations (accessed November 2024).

67 SJVAPCD. 2015a. *Guidance for Assessing and Mitigating Air Quality Impacts*. March 19. Website: www.valleyair.org/transportation/ceqa_idx.htm (accessed June 2024).

68 SJVPCD. 2024. Current District Rules and Regulations. Website: ww2.valleyair.org/rules-and-planning/current-district-rules-and-regulations (accessed November 2024).

Naturally Occurring Asbestos

The project is in Kings County, which is among the counties found to have serpentine and ultramafic rock in their soils.[69] However, according to the California Geological Survey, no such rock has been identified in the project vicinity. In addition, demolition activities may expose asbestos used in building materials; however, the proposed project does not include demolition. Therefore, the potential risk for naturally occurring asbestos (NOA) during project construction is small and would not be significant. It should be noted that projects in the Basin are required to comply with the SJVAPCD's rules related to demolition, including SJVAPCD Rule 3050: Asbestos Removal Fees and Rule 4002: National Emission Standards for Hazardous Air Pollutants, which help to further reduce the risk of asbestos exposure.[70]

Valley Fever

The closest sensitive receptors to the project site include single-family residences located approximately 65 feet east and 80 feet south of the project boundaries. During project construction, it is possible that nearby residents and workers could be exposed to Valley fever through fugitive dust. Dust control measures, consistent with SJVAPCD Regulation VIII,[71] would reduce the exposure to the workers and sensitive receptors. Therefore, dust from the construction of the project is not anticipated to significantly add to the existing exposure of people to Valley fever.

ENERGY IMPACTS

The following describes the potential impacts regarding energy resources that could result from implementation of the proposed project.

Energy Consumption

The proposed project would increase the demand for energy through day-to-day operations and fuel consumption associated with project construction. This section discusses energy use resulting from implementation of the proposed project and evaluates whether the proposed project would result in the wasteful, inefficient, or unnecessary consumption of energy resources or conflict with any applicable plans for renewable energy and energy efficiency.

Construction Energy Use

The anticipated construction schedule assumes that the proposed project would be built in approximately 60 months. Construction-specific phases were assessed for their energy consumption under each construction sub-phase: grading, site preparation, building construction, paving, and architectural coating activities.

Construction would require energy for the manufacture and transportation of construction materials, preparation of the site for grading and building activities, and construction of the building.

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69 California Department of Conservation (DOC). n.d. California Geological Survey. Asbestos. Website: https://www.conservation.ca.gov/cgs/minerals/mineral-hazards (accessed November 2024).

70 SJVPCD. 2024. Current District Rules and Regulations. Website: ww2.valleyair.org/rules-and-planning/current-district-rules-and-regulations (accessed November 2024).

71 Ibid.

All or most of this energy would be derived from nonrenewable resources. Petroleum fuels (e.g., diesel and gasoline) would be the primary sources of energy for these activities. However, construction activities are not anticipated to result in an inefficient use of energy as gasoline and diesel fuel would be supplied by construction contractors who would conserve the use of their supplies to minimize their costs on the project. Energy (i.e., fuel) usage on the project site during construction would be temporary in nature and would be relatively small in comparison to the State's available energy sources.

Operational Energy Use

Energy use associated with the proposed project would consist of electricity, and vehicle fuel use associated with project operations. As discussed in the Project Location and Description section, the proposed project would include the development of 615 single-family residences, along with parks, storm basins, and interior and exterior streets.

Table J shows the estimated potential increased electricity, gasoline, and diesel demand associated with the proposed project. The electricity and natural gas rates are from the CalEEMod analysis, and the gasoline and diesel rates are based on the traffic analysis in conjunction with USDOT fuel efficiency data, using the USEPA's fuel economy estimates for 2020 and the California diesel fuel economy estimates for 2021.

Table J: Estimated Annual Energy Use of Proposed Project

	Electricity Use (kWh per year)	Natural Gas Use (kBTU per year)	Gasoline (gallons per year)	Diesel (gallons per year)
Proposed Project	7,268,929	0	470,786	359,039

Source: Compiled by LSA (November 2024).
kBTU = thousand British thermal units
kWh = kilowatt hours

As shown in Table J, the estimated increase in electricity demand associated with the operation of the proposed project would be 7,268,929 kWh per year. Total electricity consumption in Kings County in 2022 was 451,216,891 kWh;[72] therefore, operation of the proposed project would negligibly increase the annual electricity consumption in Kings County by approximately less than 2 percent.

In addition, the project would result in energy usage associated with motor vehicle gasoline to fuel project-related trips. As shown above in Table J, the proposed project would result in the estimated consumption of 470,786 gallons of gasoline and 359,039 gallons of diesel per year. Based on fuel consumption obtained from EMFAC2021, approximately 67 million gallons of gasoline and approximately 42 million gallons of diesel will be consumed from vehicle trips in Kings County in 2030. Therefore, vehicle trips associated with the proposed project would increase the annual fuel use in Kings County by approximately 0.7 percent for gasoline fuel usage and approximately

[72] CEC. 2022. Electricity Consumption by County. Website: www.ecdms.energy.ca.gov/elecbycounty.aspx (accessed November 2024).

0.85 percent for diesel fuel usage. The proposed project would result in fuel usage that is a small fraction of current annual fuel use in Kings County, and fuel consumption associated with vehicle trips generated by project operations would not be considered inefficient, wasteful, or unnecessary in comparison to other similar developments in the region. Therefore, gasoline and diesel demand generated by vehicle trips associated with the proposed project would be a minimal fraction of gasoline and diesel fuel consumption in California.

Furthermore, the proposed project would be constructed using energy efficient modern building materials and construction practices, and the proposed project also would use new modern appliances and equipment, in accordance with the Appliance Efficiency Regulations (Title 20, CCR Sections 1601 through 1608). The expected energy consumption during construction and operation of the proposed project would be consistent with typical usage rates for residential uses; however, energy consumption is largely a function of personal choice and the physical structure and layout of buildings. The proposed project would be all-electric, with no natural gas connections proposed. As such, the proposed project would not result in a potential significant impact due to wasteful, inefficient, or unnecessary consumption of energy resources during project construction or operation.

Conflict with Renewable Energy or Energy Efficiency Plans

The CEC recently adopted the 2023 Integrated Energy Policy Report.[73] The 2023 Integrated Energy Policy Report provides the results of the CEC's assessments of a variety of energy issues facing California. Many of these issues will require action if the State is to meet its climate, energy, air quality, and other environmental goals while maintaining energy reliability and controlling costs. The 2023 Integrated Energy Policy Report covers a broad range of topics, including decarbonizing buildings, integrating renewables, energy efficiency, energy equity, integrating renewable energy, updates on Southern California electricity reliability, climate adaptation activities for the energy sector, natural gas assessment, transportation energy demand forecasts, and the California Energy Demand Forecast.

As indicated above, energy usage on the project site during construction would be temporary in nature and would be relatively small in comparison to the State's available energy sources. In addition, energy usage associated with operation of the proposed project would be relatively small in comparison to the region's available energy sources, and energy impacts would be negligible at the regional level. Because California's energy conservation planning actions are conducted at a regional level, and because the project's total impact on regional energy supplies would be minor, the proposed project would not conflict with or obstruct California's energy conservation plans as described in the CEC's 2023 Integrated Energy Policy Report. Therefore, the proposed project would not lead to new or substantially more severe energy impacts.

[73] CEC. 2023e. *2023 Integrated Energy Policy Report*. California Energy Commission. Docket Number: 23-IEPR-01.

GREENHOUSE GAS IMPACTS

This section describes the potential GHG impacts associated with implementation the proposed project.

Generation of Greenhouse Gas Emissions

This section describes the proposed project's construction- and operational-related GHG emissions and contribution to global climate change.

Short-Term Greenhouse Gas Emissions

Construction activities associated with the construction of residential and nonresidential development capacity would cause short-term GHG emissions. Construction activities with the proposed project would produce combustion emissions from various sources. During construction, GHGs would be emitted through the operation of construction equipment and from worker and builder supply vendor vehicles, each of which typically use fossil-based fuels to operate. The combustion of fossil-based fuels creates GHGs such as CO_2, CH_4, and N_2O. Furthermore, CH_4 is emitted during the fueling of heavy equipment. Exhaust emissions from on-site construction activities would vary daily as construction activity levels change.

The SJVAPCD does not have an adopted threshold of significance for construction-related GHG emissions. However, lead agencies are encouraged to quantify and disclose GHG emissions that would occur during construction. Using CalEEMod, it is estimated that the emissions associated with construction of the proposed project would be approximately 2,259.17 metric tons of CO_2e. Construction GHG emissions were amortized over the life of the project (assumed to be 30 years) and added to the operational emissions. When amortized over the life of the project, amortized construction emissions would be approximately 75.31 MT CO_2e per year.

Long-Term Greenhouse Gas Emissions

Long-term GHG emissions are typically generated from mobile sources (e.g., vehicle and truck trips), area sources (e.g., maintenance activities and landscaping), indirect emissions from sources associated with energy consumption, waste sources (land filling and waste disposal), and water sources (water supply and conveyance, treatment, and distribution). Mobile-source GHG emissions would include project-generated vehicle trips to and from the project. Area-source emissions would be associated with activities such as landscaping and maintenance on the project site. Energy source emissions would be generated at off-site utility providers as a result of increased electricity demand generated by the project. Waste source emissions generated by the proposed project include energy generated by land filling and other methods of disposal related to transporting and managing project generated waste. In addition, water source emissions associated with the proposed project are generated by water supply and conveyance, water treatment, water distribution, and wastewater treatment.

Following guidance from the SJVAPCD, GHG emissions for operation of the project were calculated using CalEEMod. Based on the analysis results, summarized in Table K, the proposed project would result in emissions of approximately 7,265 MT CO_2e per year. These estimated emissions are

provided for informational purposes, and the significance of the proposed project is further analyzed below. CalEEMod output sheets are provided in Appendix A.

Table K: Project Greenhouse Gas Emissions

Emission Type	Operational Emissions (Metric Tons per Year)			
	CO_2	CH_4	N_2O	CO_2e
Mobile Sources	5,086.7	0.2	0.3	5,182.3
Area Sources	7.6	0.0	0.0	7.6
Energy Sources	672.6	0.1	0.0	1,760.6
Water Sources	52.5	0.8	0.0	150.1
Waste Sources	46.6	4.7	0.0	163.1
Refrigerants	-	-	-	1.4
Amortized Construction Emissions				75.31
Total Operational Emissions				**7,265.1**

Source: Compiled by LSA (2024).
CH_4 = methane
CO_2 = carbon dioxide
CO_2e = carbon dioxide equivalent
N_2O = nitrous oxide

As discussed, the SJVAPCD has not established a numeric threshold for GHG emissions. The significance of GHG emissions may be evaluated based on locally adopted quantitative thresholds or consistency with a regional GHG reduction plan (e.g., a CAP). Neither the City nor the SJVAPCD has developed or adopted numeric GHG significance thresholds. Therefore, the proposed project was analyzed for consistency with the 2022 Scoping Plan.[74]

The 2022 Scoping Plan includes key project attributes that reduce operational GHG emissions in Appendix D, Local Actions,[75] of the 2022 Scoping Plan. As discussed in Appendix D of the 2022 Scoping Plan, absent consistency with an adequate, geographically specific GHG reduction plan such as a CEQA-qualified CAP, the first approach the State recommends for determining whether a proposed residential or mixed-use residential development would align with the State's climate goals is to examine whether the project includes key project attributes that reduce operational GHG emissions.

The project's consistency with key project attributes from the 2022 Scoping Plan that would be applicable to residential and mixed-use development is shown in Table L.

Table L: Project Consistency with the 2022 Scoping Plan Key Residential and Mixed-Use Project Attributes that Reduce GHGs

Priority Areas	Key Project Attribute	Project Consistency
Transportation Electrification	Provides EV charging infrastructure that, at minimum, meets the most ambitious	***Consistent.*** CALGreen Code requires provision of infrastructure to accommodate EV chargers. The

74 CARB. 2021. *2022 Scoping Plan Update*. May 10. Website: https://ww2.arb.ca.gov/sites/default/files/2022-12/2022-sp.pdf (accessed November 2024).

75 CARB. 2022a. *2022 Scoping Plan Appendix D Local Actions.* November. Website: https://ww2.arb.ca.gov/sites/default/files/2022-11/2022-sp-appendix-d-local-actions.pdf (accessed June 2024).

Table L: Project Consistency with the 2022 Scoping Plan Key Residential and Mixed-Use Project Attributes that Reduce GHGs

Priority Areas	Key Project Attribute	Project Consistency
	voluntary standard in the CALGreen Code at the time of project approval	proposed project would install a breaker and wiring for EVs at each residence, consistent with CALGreen requirements. Therefore, the proposed project would be consistent with this key project attribute.
VMT Reduction	Is located on infill sites that are surrounded by existing urban uses and reuses or redevelops previously undeveloped or underutilized land that is presently served by existing utilities and essential public services (e.g., transit, streets, water, sewer)	***Not consistent*.** The project site is surrounded primarily by agricultural uses, with some rural residential uses to the north and medium density residential developments to the south of the project site. As described in the TIA, the project's VMT was calculated to be 10.41 VMT per capita, which is 13.6 percent higher than the City's 8.99 VMT per capita threshold. As further discussed in the TIA, potential mitigation measures to reduce the proposed project's impacts related to transportation were analyzed but found to be infeasible. As such, the proposed project would not be consistent with this key project attribute.
	Does not result in the loss or conversion of natural and working lands	***Not consistent.*** The project site is currently being used for residential and agricultural uses, including an active orchard. The proposed site is designated as *Unique Farmland* and *Confined Animal Agriculture* by the State FMMP. No land under Williamson Act contracts occur in the proposed project area. No mitigation measures are proposed related to the conversion of the agricultural lands. Therefore, the proposed project would not be consistent with this key project attribute.
	Consists of transit-supportive densities (minimum of 20 residential dwelling units per acre) or is in proximity to existing transit stops (within a half mile) or satisfies more detailed and stringent criteria specified in the region's SCS	***Not consistent.*** The proposed project would include the construction of 615 single-family units on a 135-acre project site. Therefore, the proposed project would result in less than 20 residential dwelling units per acre. In addition, the project site is not located within 0.5 mile of a transit stop, with the nearest transit stops being located on 11th or Granville Avenues, over 1 mile away. As such, the proposed project would not be consistent with this key project attribute.
	Reduces parking requirements by eliminating parking requirements or including maximum allowable parking ratios (i.e., the ratio of parking spaces to residential units or square feet); or providing residential parking supply at a ratio of less than one parking space per dwelling unit; or for multifamily residential development, requiring parking costs to be unbundled from costs to rent or own a residential unit	***Consistent.*** The proposed project would consist of 615 single-family units and would be consistent with the City's parking requirements for single family homes. Thus, the project would be consistent with the intent of this key project attribute.

Table L: Project Consistency with the 2022 Scoping Plan Key Residential and Mixed-Use Project Attributes that Reduce GHGs

Priority Areas	Key Project Attribute	Project Consistency
	At least 20 percent of units included are affordable to lower-income residents	***Consistent.*** The proposed project would not include affordable residential units. Although the proposed project would not include affordable housing, the proposed project would provide needed single-family housing. Therefore, the proposed project would be consistent with this key project attribute.
	Results in no net loss of existing affordable units	***Consistent.*** The proposed project would demolish two existing residential uses; however, the proposed project would not result in the removal of any existing affordable units. As such, the proposed project would be consistent with this key project attribute.
Building Decarbonization	Uses all-electric appliances without any natural gas connections and does not use propane or other fossil fuels for space heating, water heating, or indoor cooking	***Consistent.*** The proposed project would be all-electric, which is consistent with this key project attribute.

Source: Compiled by LSA (November 2024).
CALGreen Code = California Green Building Standards Code
DOC = California Department of Conservation
EV = electric vehicle
FMMP = Farmland Mapping and Monitoring Program
GHG = greenhouse gas
GPA = General Plan Amendment
LESA = Land Evaluation and Site Assessment
SCS = Sustainable Communities Strategy
VMT = vehicle miles traveled.

Residential and mixed-use projects that have all of the key project attributes as outlined in Table L would be considered to accommodate growth in a manner consistent with State GHG reduction and equity prioritization goals as outlined in the 2022 Scoping Plan. As demonstrated in Table L, the proposed project would not be consistent with the 2022 Scoping Plan key residential and mixed-use project attributes related to VMT reduction, working lands conversion, or transit supportive densities.

The project intends to implement the following project design features that could help reduce project VMT: improved street connectivity, bicycle infrastructure, pedestrian connectivity, and providing electric vehicle charging capabilities. However, while these project design features would promote overall mobility and support the reduction of GHG emissions, they would not reduce the impact to a less than significant level. Additionally, conversion of the agricultural land (Unique Farmland) on the project site to a non-agricultural use would constitute a significant impact. There are no additional feasible mitigation measures that would reduce this impact. As such, the proposed project would not be consistent with all project attributes in the 2022 Scoping Plan GHG emission thresholds.

Consistency with Greenhouse Gas Emissions Reduction Plans

The following analysis evaluates the proposed project's consistency with adopted plans to reduce GHG emissions. An evaluation of the proposed project's consistency with the Regional CAP and the 2024–2050 RTP/SCS is provided below.

Regional CAP

The City of Hanford adopted the Regional CAP in 2014.[76] The CAP includes a GHG inventory, a benchmarking/goal-setting process, and identifies a reduction target for 2020. This allowed the City to take advantage of the streamlining provisions contained in the *State CEQA Guidelines* amendments adopted for SB 97 and clarifications provided in the *State CEQA Guidelines* amendments adopted on December 28, 2018. Although the CAP does not include a target for 2030, the measures in the plan will continue to provide reductions after the milestone year and help demonstrate continued progress toward achieving the SB 32 2030 target. The CAP includes a number of policies that support emission reductions from new development. The applicable policies and a discussion of the project's consistency with the policies are provided in Table M. The project is consistent with all applicable policies.

Table M: Consistency with the Regional Climate Action Plan

Climate Action Plan Policy	Project Consistency
E-4.1 Encourage local homebuilders to participate in the New Solar Homes Partnership to install solar PV systems on qualifying new homes. (Community)	**Consistent.** The proposed project would comply with the latest CALGreen solar readiness and installation requirements.
E-4.2 Work with the building industry to incorporate designs improving solar readiness into building plans through voluntary green building guidelines. (Community)	**Consistent.** The proposed project would comply with the latest CALGreen solar readiness and installation requirements.
E-5.2 Provide project applicants with green building resources, including the SJVAPCD's Best Performance Standards list for GHG reductions, and promote workshops offered by community organizations. (Community)	**Consistent**. The proposed project would include sustainability features in the project design in accordance with SJVAPCD requirements, CALGreen, and City of Hanford standards.
TL-1.1 Support and encourage mixed-use and medium- and high-density land use categories located within ¼ mile of a transit stop, park and ride facility, or existing developed areas, by allowing flexible zoning and/or density bonuses for applicable projects. (Community)	**Consistent.** The proposed project would include medium density housing within 0.25 mile of a developed area, where there are single family residential developments to the south of the proposed project across Fargo Avenue.
TL-1.2 Prioritize infill development by publicly providing the location and zoning of infill sites on the local jurisdiction's website and working with developers to expedite applications. (Community)	**Not applicable.** The proposed project is not an infill project; however, the project is located in an area that has increasing residential developments.
TL-1.3 Allow live/work developments that permit residents to live at their place of work and thereby reduce VMT and associated GHG emissions. (Community)	**Not applicable.** The proposed project is not designated as a live/work development; however, the use of the residences for work would not be prohibited.
TL-2.3 Establish minimum design criteria for bicycle and pedestrian circulation and implement through the design review process. (Community)	**Consistent.** The proposed project would provide pedestrian infrastructure connecting to neighboring uses. The roads serving the project are designed for low speed and would be conducive to bicycle use.

[76] KCAG. 2014. Final Regional Climate Action Plan. May.

Table M: Consistency with the Regional Climate Action Plan

Climate Action Plan Policy	Project Consistency
TL-2.4 Encourage the installation of adequate and secure bicycle parking at all multi-family residential, commercial, governmental, and recreational locations throughout the region. (Community)	**Consistent.** The proposed project would comply with CALGreen Code requirements for bicycle parking.
TL-2.5 Support land use planning that will promote pedestrian and bicyclist access to and from new development by encouraging land use and subdivision designs that provide safe bicycle and pedestrian circulation, including bicycle parking facilities and internal bicycle and pedestrian routes, where feasible. (Community)	**Consistent.** The proposed project would comply with all applicable City design standards related to safe bicycle and pedestrian circulation.
TL-3.4 Support and encourage new development that provides safe routes to adjacent transit stops, where applicable. (Community)	**Consistent.** The proposed project would comply with City design standards that provide a safe route to a nearby transit stop.
TL-4.2 Work with employers and developers to provide affordable transportation alternatives and telecommuting options to serve both new and existing land uses. (Community)	**Consistent.** The proposed project's tenants would be able to participate in commute services offered by the Kings County Association of Governments and the City.
TL-4.3 Support compliance with SJVAPCD Rule 9410 by providing guidance and resources to employers required to comply with the eTRIP Rule. The eTRIP Rule requires employers with over 100 eligible employees to establish an Employer Trip Reduction Implementation Plan (eTRIP) to encourage employees to reduce single-occupancy vehicle trips by providing end of trip facilities such as preferential parking for vanpools and rideshare, bicycle parking, and other facilities suitable for the type of business. (Community)	**Not applicable.** The proposed project does not include employers as it is a residential development with no retail or commercial uses proposed.
TL.5.2 Allow the joint use of parking facilities for both private businesses and public agencies. (Community)	**Not applicable.** The proposed project would not include designated parking facilities beyond those developed for use by the single-family residences included in the proposed project.

Source: Kings County Association of Governments (2014) and LSA (July 2024).
CALGreen = California Green Building Standards Code
SJVAPCD = San Joaquin Valley Air Pollution Control District

KCAG 2022 RTP/SCS

The KCAG RTP/SCS reflects transportation planning for Kings County through 2046.[77] The vision, goals, and policies in the 2022 RTP are intended to serve as the foundation for both short- and long-term planning and guide implementation activities. As a predominantly rural county through which vital arterial routes between San Francisco and Los Angeles, as well as routes linking the San Joaquin Valley run, most travel in Kings County is done by personal vehicle. KCAG developed the RTP/SCS with a goal to create "a robust transportation system that serves all residents of Kings County, balanced against regional and Statewide goals." This includes investments in future transit service and improved bicycle and pedestrian connections. Kings County is also preparing for a future with low-emissions vehicles, including the planned development of a zero-emission transit vehicle fleet,

77 KCAG. 2022. 2022 Regional Transportation Plan and Sustainable Communities Strategy. September.

and preparing for interim high-speed rail service slated to begin in the San Joaquin Valley by the end of the decade. The 2022 RTP contains transportation projects to help more efficiently distribute population, housing, and employment growth, as well as forecast development that is generally consistent with regional-level general plan data. The 2022 RTP does not require that local General Plans, Specific Plans, or zoning be consistent with the 2022 RTP, but provides incentives for consistency for governments and developers.

The proposed project would not interfere with KCAG's ability to achieve the region's GHG reductions. Furthermore, the proposed project is not regionally significant per *State CEQA Guidelines* Section 15206, and it would not conflict with the 2022 RTP targets because those targets were established and are applicable on a regional level. The proposed project would include the construction of 615 single-family residential units. As such, the increase in population associated with the proposed project would be consistent with the population growth assumptions for Kings County used in the 2022 RTP. Therefore, it is anticipated that implementation of the proposed project would not interfere with KCAG's ability to implement the regional strategies outlined in the 2022 RTP.

As described above, the proposed project would generally comply with existing State regulations adopted to achieve the overall GHG emissions reduction goals identified in the 2022 RTP. However, as described above, the proposed project would not be consistent with the 2022 Scoping Plan key residential and mixed-use project attributes related to VMT reduction, working lands conversion, or with transit densities. As such, the proposed project would not contribute to its "fair share" of emission reductions required to support achieving long-term State GHG reduction goals due to project's significant and unavoidable VMT impact. Therefore, the proposed project would conflict with the plans and policies adopted for the purpose of reducing the emissions of GHGs, including the CARB 2022 Scoping Plan, EO B-30-15, SB 32, and AB 1279.

CONCLUSION

Based on the analysis presented above, construction and operation of the proposed project would not result in the generation of criteria air pollutants that would exceed SJVAPCD thresholds of significance. In addition, the proposed project is not expected to produce significant emissions that would affect nearby sensitive receptors. The project would also not result in other emissions (such as those leading to odors) affecting a substantial number of people. Additionally, the proposed project would also not result in the wasteful, inefficient, or unnecessary consumption of energy resources or conflict with any applicable plans for renewable energy and energy efficiency.

Operation of the proposed project would generate GHG emissions that would have a significant and unavoidable impact on the environment, and the proposed project would not be consistent with the State's GHG emissions reductions objectives embodied in the 2022 Scoping Plan.

APPENDIX A

CALEEMOD OUTPUT SHEETS

Hanford Neves Custom Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Hanford Neves
Construction Start Date	2/1/2025
Operational Year	2030
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.40
Precipitation (days)	23.0
Location	36.3580988148357, -119.6740368973677
County	Kings
City	Unincorporated
Air District	San Joaquin Valley APCD
Air Basin	San Joaquin Valley
TAZ	2617
EDFZ	9
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Single Family Housing	615	Dwelling Unit	75.1	1,199,250	7,203,407	—	1,906	—

Parking Lot	47.3	Acre	47.3	0.00	0.00	1.00	—	—
City Park	12.9	Acre	12.9	0.00	562,795	562,795	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-2*	Limit Heavy-Duty Diesel Vehicle Idling
Construction	C-10-C	Water Unpaved Construction Roads

* Qualitative or supporting measure. Emission reductions not included in the mitigated emissions results.

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	51.0	50.9	31.7	31.1	0.06	1.37	7.79	9.16	1.26	3.97	5.23	—	6,766	6,766	0.28	0.19	7.24	6,792
Mit.	51.0	50.9	31.7	31.1	0.06	1.37	7.79	9.16	1.26	3.97	5.23	—	6,766	6,766	0.28	0.19	7.24	6,792
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	51.0	50.9	54.0	51.4	0.08	2.28	7.90	10.2	2.10	4.00	6.10	—	8,967	8,967	0.37	0.20	0.19	9,000
Mit.	51.0	50.9	54.0	51.4	0.08	2.28	7.90	10.2	2.10	4.00	6.10	—	8,967	8,967	0.37	0.20	0.19	9,000
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	23.2	23.1	10.2	16.1	0.03	0.39	1.93	2.31	0.36	0.98	1.34	—	3,716	3,716	0.13	0.14	2.02	3,756
Mit.	23.2	23.1	10.2	16.1	0.03	0.39	1.93	2.31	0.36	0.98	1.34	—	3,716	3,716	0.13	0.14	2.02	3,756
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.24	4.22	1.86	2.94	< 0.005	0.07	0.35	0.42	0.07	0.18	0.24	—	615	615	0.02	0.02	0.33	622
Mit.	4.24	4.22	1.86	2.94	< 0.005	0.07	0.35	0.42	0.07	0.18	0.24	—	615	615	0.02	0.02	0.33	622
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	4.03	3.40	31.7	31.1	0.05	1.37	7.79	9.16	1.26	3.97	5.23	—	5,445	5,445	0.22	0.05	0.53	5,466
2026	3.71	3.13	27.3	28.5	0.06	1.12	3.73	4.86	1.03	1.46	2.49	—	6,766	6,766	0.28	0.06	0.55	6,792
2027	2.25	1.97	11.2	23.1	0.03	0.35	1.80	2.15	0.32	0.44	0.76	—	4,955	4,955	0.14	0.19	7.24	5,024
2028	2.16	1.88	10.7	22.4	0.03	0.31	1.80	2.11	0.29	0.44	0.73	—	4,902	4,902	0.14	0.19	6.54	4,969
2029	51.0	50.9	7.38	13.2	0.02	0.25	0.43	0.68	0.23	0.10	0.34	—	2,113	2,113	0.07	0.03	1.17	2,125
2030	1.16	1.03	6.31	10.4	0.01	0.22	0.11	0.33	0.20	0.03	0.23	—	1,627	1,627	0.06	0.02	0.26	1,634
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	6.94	5.84	54.0	51.4	0.08	2.28	7.90	10.2	2.10	4.00	6.10	—	8,967	8,967	0.37	0.08	0.03	9,000
2026	3.70	3.12	27.3	28.3	0.06	1.12	3.73	4.86	1.03	1.46	2.49	—	6,747	6,747	0.27	0.06	0.01	6,772
2027	3.58	3.02	25.6	27.9	0.06	1.04	3.73	4.78	0.96	1.46	2.42	—	6,744	6,744	0.27	0.20	0.19	6,768
2028	2.02	1.79	10.9	20.3	0.03	0.31	1.80	2.11	0.29	0.44	0.73	—	4,701	4,701	0.15	0.19	0.17	4,763
2029	51.0	50.9	10.4	19.7	0.03	0.29	1.80	2.09	0.26	0.44	0.71	—	4,653	4,653	0.15	0.19	0.15	4,714

2030	1.15	1.03	6.32	10.3	0.01	0.22	0.11	0.33	0.20	0.03	0.23	—	1,614	1,614	0.06	0.02	0.01	1,621
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.15	0.97	9.04	8.74	0.01	0.39	1.93	2.31	0.36	0.98	1.34	—	1,534	1,534	0.06	0.01	0.07	1,540
2026	1.29	1.09	9.51	9.86	0.02	0.39	1.30	1.69	0.36	0.51	0.87	—	2,352	2,352	0.09	0.02	0.08	2,361
2027	1.75	1.50	10.2	16.1	0.03	0.35	1.55	1.90	0.32	0.46	0.78	—	3,716	3,716	0.13	0.12	1.81	3,756
2028	1.45	1.29	7.72	14.7	0.02	0.22	1.27	1.49	0.21	0.31	0.52	—	3,408	3,408	0.11	0.14	2.02	3,453
2029	23.2	23.1	5.61	9.89	0.01	0.18	0.46	0.65	0.17	0.11	0.28	—	1,814	1,814	0.06	0.04	0.61	1,829
2030	0.50	0.44	2.73	4.46	0.01	0.10	0.05	0.14	0.09	0.01	0.10	—	700	700	0.03	0.01	0.05	703
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.21	0.18	1.65	1.60	< 0.005	0.07	0.35	0.42	0.06	0.18	0.24	—	254	254	0.01	< 0.005	0.01	255
2026	0.24	0.20	1.73	1.80	< 0.005	0.07	0.24	0.31	0.07	0.09	0.16	—	389	389	0.02	< 0.005	0.01	391
2027	0.32	0.27	1.86	2.94	< 0.005	0.06	0.28	0.35	0.06	0.08	0.14	—	615	615	0.02	0.02	0.30	622
2028	0.26	0.24	1.41	2.69	< 0.005	0.04	0.23	0.27	0.04	0.06	0.09	—	564	564	0.02	0.02	0.33	572
2029	4.24	4.22	1.02	1.80	< 0.005	0.03	0.08	0.12	0.03	0.02	0.05	—	300	300	0.01	0.01	0.10	303
2030	0.09	0.08	0.50	0.81	< 0.005	0.02	0.01	0.03	0.02	< 0.005	0.02	—	116	116	< 0.005	< 0.005	0.01	116

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	4.03	3.40	31.7	31.1	0.05	1.37	7.79	9.16	1.26	3.97	5.23	—	5,445	5,445	0.22	0.05	0.53	5,466
2026	3.71	3.13	27.3	28.5	0.06	1.12	3.73	4.86	1.03	1.46	2.49	—	6,766	6,766	0.28	0.06	0.55	6,792
2027	2.25	1.97	11.2	23.1	0.03	0.35	1.80	2.15	0.32	0.44	0.76	—	4,955	4,955	0.14	0.19	7.24	5,024
2028	2.16	1.88	10.7	22.4	0.03	0.31	1.80	2.11	0.29	0.44	0.73	—	4,902	4,902	0.14	0.19	6.54	4,969
2029	51.0	50.9	7.38	13.2	0.02	0.25	0.43	0.68	0.23	0.10	0.34	—	2,113	2,113	0.07	0.03	1.17	2,125
2030	1.16	1.03	6.31	10.4	0.01	0.22	0.11	0.33	0.20	0.03	0.23	—	1,627	1,627	0.06	0.02	0.26	1,634

Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	6.94	5.84	54.0	51.4	0.08	2.28	7.90	10.2	2.10	4.00	6.10	—	8,967	8,967	0.37	0.08	0.03	9,000
2026	3.70	3.12	27.3	28.3	0.06	1.12	3.73	4.86	1.03	1.46	2.49	—	6,747	6,747	0.27	0.06	0.01	6,772
2027	3.58	3.02	25.6	27.9	0.06	1.04	3.73	4.78	0.96	1.46	2.42	—	6,744	6,744	0.27	0.20	0.19	6,768
2028	2.02	1.79	10.9	20.3	0.03	0.31	1.80	2.11	0.29	0.44	0.73	—	4,701	4,701	0.15	0.19	0.17	4,763
2029	51.0	50.9	10.4	19.7	0.03	0.29	1.80	2.09	0.26	0.44	0.71	—	4,653	4,653	0.15	0.19	0.15	4,714
2030	1.15	1.03	6.32	10.3	0.01	0.22	0.11	0.33	0.20	0.03	0.23	—	1,614	1,614	0.06	0.02	0.01	1,621
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.15	0.97	9.04	8.74	0.01	0.39	1.93	2.31	0.36	0.98	1.34	—	1,534	1,534	0.06	0.01	0.07	1,540
2026	1.29	1.09	9.51	9.86	0.02	0.39	1.30	1.69	0.36	0.51	0.87	—	2,352	2,352	0.09	0.02	0.08	2,361
2027	1.75	1.50	10.2	16.1	0.03	0.35	1.55	1.90	0.32	0.46	0.78	—	3,716	3,716	0.13	0.12	1.81	3,756
2028	1.45	1.29	7.72	14.7	0.02	0.22	1.27	1.49	0.21	0.31	0.52	—	3,408	3,408	0.11	0.14	2.02	3,453
2029	23.2	23.1	5.61	9.89	0.01	0.18	0.46	0.65	0.17	0.11	0.28	—	1,814	1,814	0.06	0.04	0.61	1,829
2030	0.50	0.44	2.73	4.46	0.01	0.10	0.05	0.14	0.09	0.01	0.10	—	700	700	0.03	0.01	0.05	703
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.21	0.18	1.65	1.60	< 0.005	0.07	0.35	0.42	0.06	0.18	0.24	—	254	254	0.01	< 0.005	0.01	255
2026	0.24	0.20	1.73	1.80	< 0.005	0.07	0.24	0.31	0.07	0.09	0.16	—	389	389	0.02	< 0.005	0.01	391
2027	0.32	0.27	1.86	2.94	< 0.005	0.06	0.28	0.35	0.06	0.08	0.14	—	615	615	0.02	0.02	0.30	622
2028	0.26	0.24	1.41	2.69	< 0.005	0.04	0.23	0.27	0.04	0.06	0.09	—	564	564	0.02	0.02	0.33	572
2029	4.24	4.22	1.02	1.80	< 0.005	0.03	0.08	0.12	0.03	0.02	0.05	—	300	300	0.01	0.01	0.10	303
2030	0.09	0.08	0.50	0.81	< 0.005	0.02	0.01	0.03	0.02	< 0.005	0.02	—	116	116	< 0.005	< 0.005	0.01	116

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	49.4	48.2	16.5	147	0.32	0.27	26.4	26.7	0.25	6.70	6.95	328	43,957	44,284	34.7	1.88	81.4	45,793
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	44.5	43.3	18.2	99.4	0.29	0.25	26.4	26.7	0.24	6.70	6.94	328	41,290	41,618	34.9	1.99	10.5	43,092
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	46.2	45.1	17.4	116	0.30	0.26	26.0	26.3	0.24	6.60	6.85	328	42,071	42,398	34.8	1.93	40.0	43,882
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	8.44	8.22	3.17	21.1	0.05	0.05	4.75	4.80	0.04	1.20	1.25	54.2	6,965	7,020	5.75	0.32	6.63	7,265

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	17.8	16.8	16.1	112	0.32	0.25	26.4	26.7	0.24	6.70	6.94	—	32,563	32,563	1.12	1.68	72.8	33,165
Area	31.5	31.4	0.33	35.0	< 0.005	0.02	—	0.02	0.01	—	0.01	0.00	93.3	93.3	< 0.005	< 0.005	—	93.6
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	10,594	10,594	0.66	0.08	—	10,635
Water	—	—	—	—	—	—	—	—	—	—	—	46.0	706	752	4.76	0.12	—	906
Waste	—	—	—	—	—	—	—	—	—	—	—	282	0.00	282	28.1	0.00	—	985
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.59	8.59
Total	49.4	48.2	16.5	147	0.32	0.27	26.4	26.7	0.25	6.70	6.95	328	43,957	44,284	34.7	1.88	81.4	45,793
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Mobile	16.1	15.0	18.2	99.4	0.29	0.25	26.4	26.7	0.24	6.70	6.94	—	29,990	29,990	1.30	1.79	1.89	30,557
Area	28.4	28.4	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	10,594	10,594	0.66	0.08	—	10,635
Water	—	—	—	—	—	—	—	—	—	—	—	46.0	706	752	4.76	0.12	—	906
Waste	—	—	—	—	—	—	—	—	—	—	—	282	0.00	282	28.1	0.00	—	985
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.59	8.59
Total	44.5	43.3	18.2	99.4	0.29	0.25	26.4	26.7	0.24	6.70	6.94	328	41,290	41,618	34.9	1.99	10.5	43,092
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	16.3	15.2	17.2	98.5	0.30	0.25	26.0	26.3	0.24	6.60	6.84	—	30,724	30,724	1.20	1.73	31.4	31,302
Area	29.9	29.8	0.16	17.3	< 0.005	0.01	—	0.01	0.01	—	0.01	0.00	46.0	46.0	< 0.005	< 0.005	—	46.2
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	10,594	10,594	0.66	0.08	—	10,635
Water	—	—	—	—	—	—	—	—	—	—	—	46.0	706	752	4.76	0.12	—	906
Waste	—	—	—	—	—	—	—	—	—	—	—	282	0.00	282	28.1	0.00	—	985
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.59	8.59
Total	46.2	45.1	17.4	116	0.30	0.26	26.0	26.3	0.24	6.60	6.85	328	42,071	42,398	34.8	1.93	40.0	43,882
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.97	2.78	3.14	18.0	0.05	0.05	4.75	4.80	0.04	1.20	1.25	—	5,087	5,087	0.20	0.29	5.20	5,182
Area	5.46	5.45	0.03	3.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	7.62	7.62	< 0.005	< 0.005	—	7.64
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,754	1,754	0.11	0.01	—	1,761
Water	—	—	—	—	—	—	—	—	—	—	—	7.62	117	125	0.79	0.02	—	150
Waste	—	—	—	—	—	—	—	—	—	—	—	46.6	0.00	46.6	4.66	0.00	—	163
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.42	1.42
Total	8.44	8.22	3.17	21.1	0.05	0.05	4.75	4.80	0.04	1.20	1.25	54.2	6,965	7,020	5.75	0.32	6.63	7,265

2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	17.8	16.8	16.1	112	0.32	0.25	26.4	26.7	0.24	6.70	6.94	—	32,563	32,563	1.12	1.68	72.8	33,165
Area	31.5	31.4	0.33	35.0	< 0.005	0.02	—	0.02	0.01	—	0.01	0.00	93.3	93.3	< 0.005	< 0.005	—	93.6
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	10,594	10,594	0.66	0.08	—	10,635
Water	—	—	—	—	—	—	—	—	—	—	—	46.0	706	752	4.76	0.12	—	906
Waste	—	—	—	—	—	—	—	—	—	—	—	282	0.00	282	28.1	0.00	—	985
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.59	8.59
Total	49.4	48.2	16.5	147	0.32	0.27	26.4	26.7	0.25	6.70	6.95	328	43,957	44,284	34.7	1.88	81.4	45,793
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	16.1	15.0	18.2	99.4	0.29	0.25	26.4	26.7	0.24	6.70	6.94	—	29,990	29,990	1.30	1.79	1.89	30,557
Area	28.4	28.4	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	10,594	10,594	0.66	0.08	—	10,635
Water	—	—	—	—	—	—	—	—	—	—	—	46.0	706	752	4.76	0.12	—	906
Waste	—	—	—	—	—	—	—	—	—	—	—	282	0.00	282	28.1	0.00	—	985
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.59	8.59
Total	44.5	43.3	18.2	99.4	0.29	0.25	26.4	26.7	0.24	6.70	6.94	328	41,290	41,618	34.9	1.99	10.5	43,092
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	16.3	15.2	17.2	98.5	0.30	0.25	26.0	26.3	0.24	6.60	6.84	—	30,724	30,724	1.20	1.73	31.4	31,302
Area	29.9	29.8	0.16	17.3	< 0.005	0.01	—	0.01	0.01	—	0.01	0.00	46.0	46.0	< 0.005	< 0.005	—	46.2
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	10,594	10,594	0.66	0.08	—	10,635
Water	—	—	—	—	—	—	—	—	—	—	—	46.0	706	752	4.76	0.12	—	906
Waste	—	—	—	—	—	—	—	—	—	—	—	282	0.00	282	28.1	0.00	—	985
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.59	8.59
Total	46.2	45.1	17.4	116	0.30	0.26	26.0	26.3	0.24	6.60	6.85	328	42,071	42,398	34.8	1.93	40.0	43,882
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Mobile	2.97	2.78	3.14	18.0	0.05	0.05	4.75	4.80	0.04	1.20	1.25	—	5,087	5,087	0.20	0.29	5.20	5,182
Area	5.46	5.45	0.03	3.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	7.62	7.62	< 0.005	< 0.005	—	7.64
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,754	1,754	0.11	0.01	—	1,761
Water	—	—	—	—	—	—	—	—	—	—	—	7.62	117	125	0.79	0.02	—	150
Waste	—	—	—	—	—	—	—	—	—	—	—	46.6	0.00	46.6	4.66	0.00	—	163
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.42	1.42
Total	8.44	8.22	3.17	21.1	0.05	0.05	4.75	4.80	0.04	1.20	1.25	54.2	6,965	7,020	5.75	0.32	6.63	7,265

3. Construction Emissions Details

3.1. Demolition (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.86	2.40	22.2	19.9	0.03	0.92	—	0.92	0.84	—	0.84	—	3,425	3,425	0.14	0.03	—	3,437
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipm	0.16	0.13	1.22	1.09	< 0.005	0.05	—	0.05	0.05	—	0.05	—	188	188	0.01	< 0.005	—	188
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.02	0.22	0.20	< 0.005	0.01	—	0.01	0.01	—	0.01	—	31.1	31.1	< 0.005	< 0.005	—	31.2
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.06	0.58	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	114	114	0.01	< 0.005	0.01	115
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.47	6.47	< 0.005	< 0.005	0.01	6.57
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.07	1.07	< 0.005	< 0.005	< 0.005	1.09
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.2. Demolition (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.86	2.40	22.2	19.9	0.03	0.92	—	0.92	0.84	—	0.84	—	3,425	3,425	0.14	0.03	—	3,437
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.13	1.22	1.09	< 0.005	0.05	—	0.05	0.05	—	0.05	—	188	188	0.01	< 0.005	—	188
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.02	0.22	0.20	< 0.005	0.01	—	0.01	0.01	—	0.01	—	31.1	31.1	< 0.005	< 0.005	—	31.2

Demoliti	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.06	0.58	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	114	114	0.01	< 0.005	0.01	115
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.47	6.47	< 0.005	< 0.005	0.01	6.57
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.07	1.07	< 0.005	< 0.005	< 0.005	1.09
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Site Preparation (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	3.94	3.31	31.6	30.2	0.05	1.37	—	1.37	1.26	—	1.26	—	5,295	5,295	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	7.67	7.67	—	3.94	3.94	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.94	3.31	31.6	30.2	0.05	1.37	—	1.37	1.26	—	1.26	—	5,295	5,295	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	7.67	7.67	—	3.94	3.94	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.97	0.82	7.80	7.44	0.01	0.34	—	0.34	0.31	—	0.31	—	1,306	1,306	0.05	0.01	—	1,310
Dust From Material Movement	—	—	—	—	—	—	1.89	1.89	—	0.97	0.97	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.15	1.42	1.36	< 0.005	0.06	—	0.06	0.06	—	0.06	—	216	216	0.01	< 0.005	—	217

Dust From Material Movement	—	—	—	—	—	—	0.34	0.34	—	0.18	0.18	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.09	0.06	0.89	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	150	150	0.01	0.01	0.53	152
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.07	0.68	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	133	133	0.01	0.01	0.01	135
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.17	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	34.0	34.0	< 0.005	< 0.005	0.06	34.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.62	5.62	< 0.005	< 0.005	0.01	5.71
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.4. Site Preparation (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.94	3.31	31.6	30.2	0.05	1.37	—	1.37	1.26	—	1.26	—	5,295	5,295	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	7.67	7.67	—	3.94	3.94	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.94	3.31	31.6	30.2	0.05	1.37	—	1.37	1.26	—	1.26	—	5,295	5,295	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	7.67	7.67	—	3.94	3.94	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.97	0.82	7.80	7.44	0.01	0.34	—	0.34	0.31	—	0.31	—	1,306	1,306	0.05	0.01	—	1,310
Dust From Material Movement	—	—	—	—	—	—	1.89	1.89	—	0.97	0.97	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.15	1.42	1.36	< 0.005	0.06	—	0.06	0.06	—	0.06	—	216	216	0.01	< 0.005	—	217
Dust From Material Movement	—	—	—	—	—	—	0.34	0.34	—	0.18	0.18	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.09	0.06	0.89	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	150	150	0.01	0.01	0.53	152
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.07	0.68	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	133	133	0.01	0.01	0.01	135
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.17	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	34.0	34.0	< 0.005	< 0.005	0.06	34.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.62	5.62	< 0.005	< 0.005	0.01	5.71

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Grading (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.62	3.04	27.2	27.6	0.06	1.12	—	1.12	1.03	—	1.03	—	6,599	6,599	0.27	0.05	—	6,621
Dust From Material Movement	—	—	—	—	—	—	3.59	3.59	—	1.42	1.42	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.62	3.04	27.2	27.6	0.06	1.12	—	1.12	1.03	—	1.03	—	6,599	6,599	0.27	0.05	—	6,621
Dust From Material Movement	—	—	—	—	—	—	3.59	3.59	—	1.42	1.42	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	1.26	1.06	9.48	9.60	0.02	0.39	—	0.39	0.36	—	0.36	—	2,299	2,299	0.09	0.02	—	2,306
Dust From Material Movement	—	—	—	—	—	—	1.25	1.25	—	0.50	0.50	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.23	0.19	1.73	1.75	< 0.005	0.07	—	0.07	0.07	—	0.07	—	381	381	0.02	< 0.005	—	382
Dust From Material Movement	—	—	—	—	—	—	0.23	0.23	—	0.09	0.09	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.09	0.06	0.93	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	168	168	0.01	0.01	0.55	170
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.08	0.07	0.71	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	149	149	< 0.005	0.01	0.01	151
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.26	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	53.7	53.7	< 0.005	< 0.005	0.08	54.5

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.89	8.89	< 0.005	< 0.005	0.01	9.02
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.6. Grading (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.62	3.04	27.2	27.6	0.06	1.12	—	1.12	1.03	—	1.03	—	6,599	6,599	0.27	0.05	—	6,621
Dust From Material Movement	—	—	—	—	—	—	3.59	3.59	—	1.42	1.42	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.62	3.04	27.2	27.6	0.06	1.12	—	1.12	1.03	—	1.03	—	6,599	6,599	0.27	0.05	—	6,621

Dust From Material Movement	—	—	—	—	—	—	3.59	3.59	—	1.42	1.42	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.26	1.06	9.48	9.60	0.02	0.39	—	0.39	0.36	—	0.36	—	2,299	2,299	0.09	0.02	—	2,306
Dust From Material Movement	—	—	—	—	—	—	1.25	1.25	—	0.50	0.50	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.23	0.19	1.73	1.75	< 0.005	0.07	—	0.07	0.07	—	0.07	—	381	381	0.02	< 0.005	—	382
Dust From Material Movement	—	—	—	—	—	—	0.23	0.23	—	0.09	0.09	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.09	0.06	0.93	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	168	168	0.01	0.01	0.55	170
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.08	0.07	0.71	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	149	149	< 0.005	0.01	0.01	151
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.26	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	53.7	53.7	< 0.005	< 0.005	0.08	54.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.89	8.89	< 0.005	< 0.005	0.01	9.02
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Grading (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.51	2.95	25.6	27.3	0.06	1.04	—	1.04	0.96	—	0.96	—	6,598	6,598	0.27	0.05	—	6,621

Dust From Material Movement	—	—	—	—	—	—	3.59	3.59	—	1.42	1.42	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.51	0.43	3.70	3.95	0.01	0.15	—	0.15	0.14	—	0.14	—	955	955	0.04	0.01	—	959
Dust From Material Movement	—	—	—	—	—	—	0.52	0.52	—	0.21	0.21	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.08	0.68	0.72	< 0.005	0.03	—	0.03	0.03	—	0.03	—	158	158	0.01	< 0.005	—	159
Dust From Material Movement	—	—	—	—	—	—	0.09	0.09	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.07	0.66	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	146	146	< 0.005	0.01	0.01	148

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.10	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	21.9	21.9	< 0.005	< 0.005	0.03	22.2
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.62	3.62	< 0.005	< 0.005	0.01	3.67
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Grading (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.51	2.95	25.6	27.3	0.06	1.04	—	1.04	0.96	—	0.96	—	6,598	6,598	0.27	0.05	—	6,621
Dust From Material Movement	—	—	—	—	—	—	3.59	3.59	—	1.42	1.42	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.51	0.43	3.70	3.95	0.01	0.15	—	0.15	0.14	—	0.14	—	955	955	0.04	0.01	—	959
Dust From Material Movement	—	—	—	—	—	—	0.52	0.52	—	0.21	0.21	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.08	0.68	0.72	< 0.005	0.03	—	0.03	0.03	—	0.03	—	158	158	0.01	< 0.005	—	159
Dust From Material Movement	—	—	—	—	—	—	0.09	0.09	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.07	0.66	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	146	146	< 0.005	0.01	0.01	148
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.10	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	21.9	21.9	< 0.005	< 0.005	0.03	22.2

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.62	3.62	< 0.005	< 0.005	0.01	3.67
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Building Construction (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.23	1.03	9.39	12.9	0.02	0.34	—	0.34	0.31	—	0.31	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.23	1.03	9.39	12.9	0.02	0.34	—	0.34	0.31	—	0.31	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.70	0.59	5.35	7.37	0.01	0.19	—	0.19	0.18	—	0.18	—	1,365	1,365	0.06	0.01	—	1,370
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.11	0.98	1.34	< 0.005	0.03	—	0.03	0.03	—	0.03	—	226	226	0.01	< 0.005	—	227
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.96	0.89	0.56	9.53	0.00	0.00	1.61	1.61	0.00	0.39	0.39	—	1,819	1,819	0.03	0.07	5.48	1,845
Vendor	0.06	0.05	1.24	0.60	0.01	0.01	0.19	0.20	0.01	0.05	0.06	—	740	740	0.01	0.11	1.76	774
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.86	0.79	0.74	7.26	0.00	0.00	1.61	1.61	0.00	0.39	0.39	—	1,612	1,612	0.05	0.07	0.14	1,634
Vendor	0.06	0.04	1.32	0.63	0.01	0.01	0.19	0.20	0.01	0.05	0.06	—	741	741	0.01	0.11	0.05	774
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.50	0.46	0.38	4.32	0.00	0.00	0.90	0.90	0.00	0.22	0.22	—	952	952	0.03	0.04	1.35	965
Vendor	0.03	0.02	0.73	0.35	< 0.005	0.01	0.11	0.11	0.01	0.03	0.04	—	422	422	0.01	0.06	0.43	441
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.07	0.79	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	158	158	< 0.005	0.01	0.22	160

Vendor	0.01	< 0.005	0.13	0.06	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	69.8	69.8	< 0.005	0.01	0.07	72.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Building Construction (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.23	1.03	9.39	12.9	0.02	0.34	—	0.34	0.31	—	0.31	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.23	1.03	9.39	12.9	0.02	0.34	—	0.34	0.31	—	0.31	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.70	0.59	5.35	7.37	0.01	0.19	—	0.19	0.18	—	0.18	—	1,365	1,365	0.06	0.01	—	1,370
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.13	0.11	0.98	1.34	< 0.005	0.03	—	0.03	0.03	—	0.03	—	226	226	0.01	< 0.005	—	227
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.96	0.89	0.56	9.53	0.00	0.00	1.61	1.61	0.00	0.39	0.39	—	1,819	1,819	0.03	0.07	5.48	1,845
Vendor	0.06	0.05	1.24	0.60	0.01	0.01	0.19	0.20	0.01	0.05	0.06	—	740	740	0.01	0.11	1.76	774
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.86	0.79	0.74	7.26	0.00	0.00	1.61	1.61	0.00	0.39	0.39	—	1,612	1,612	0.05	0.07	0.14	1,634
Vendor	0.06	0.04	1.32	0.63	0.01	0.01	0.19	0.20	0.01	0.05	0.06	—	741	741	0.01	0.11	0.05	774
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.50	0.46	0.38	4.32	0.00	0.00	0.90	0.90	0.00	0.22	0.22	—	952	952	0.03	0.04	1.35	965
Vendor	0.03	0.02	0.73	0.35	< 0.005	0.01	0.11	0.11	0.01	0.03	0.04	—	422	422	0.01	0.06	0.43	441
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.07	0.79	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	158	158	< 0.005	0.01	0.22	160
Vendor	0.01	< 0.005	0.13	0.06	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	69.8	69.8	< 0.005	0.01	0.07	72.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Building Construction (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.18	0.99	8.92	12.9	0.02	0.30	—	0.30	0.28	—	0.28	—	2,397	2,397	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.18	0.99	8.92	12.9	0.02	0.30	—	0.30	0.28	—	0.28	—	2,397	2,397	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.85	0.71	6.39	9.26	0.02	0.22	—	0.22	0.20	—	0.20	—	1,717	1,717	0.07	0.01	—	1,723
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.13	1.17	1.69	< 0.005	0.04	—	0.04	0.04	—	0.04	—	284	284	0.01	< 0.005	—	285
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.91	0.85	0.55	8.84	0.00	0.00	1.61	1.61	0.00	0.39	0.39	—	1,783	1,783	0.03	0.07	4.91	1,809
Vendor	0.06	0.05	1.20	0.59	0.01	0.01	0.19	0.20	0.01	0.05	0.06	—	721	721	0.01	0.10	1.62	754
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.77	0.75	0.68	6.72	0.00	0.00	1.61	1.61	0.00	0.39	0.39	—	1,581	1,581	0.04	0.07	0.13	1,603
Vendor	0.06	0.04	1.28	0.62	0.01	0.01	0.19	0.20	0.01	0.05	0.06	—	723	723	0.01	0.10	0.04	754
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.56	0.55	0.44	5.04	0.00	0.00	1.13	1.13	0.00	0.27	0.27	—	1,174	1,174	0.03	0.05	1.52	1,190
Vendor	0.04	0.03	0.89	0.43	< 0.005	0.01	0.14	0.14	0.01	0.04	0.05	—	517	517	0.01	0.07	0.50	540
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.10	0.08	0.92	0.00	0.00	0.21	0.21	0.00	0.05	0.05	—	194	194	< 0.005	0.01	0.25	197
Vendor	0.01	0.01	0.16	0.08	< 0.005	< 0.005	0.02	0.03	< 0.005	0.01	0.01	—	85.6	85.6	< 0.005	0.01	0.08	89.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Building Construction (2028) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.18	0.99	8.92	12.9	0.02	0.30	—	0.30	0.28	—	0.28	—	2,397	2,397	0.10	0.02	—	2,406

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.18	0.99	8.92	12.9	0.02	0.30	—	0.30	0.28	—	0.28	—	2,397	2,397	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.85	0.71	6.39	9.26	0.02	0.22	—	0.22	0.20	—	0.20	—	1,717	1,717	0.07	0.01	—	1,723
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.13	1.17	1.69	< 0.005	0.04	—	0.04	0.04	—	0.04	—	284	284	0.01	< 0.005	—	285
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.91	0.85	0.55	8.84	0.00	0.00	1.61	1.61	0.00	0.39	0.39	—	1,783	1,783	0.03	0.07	4.91	1,809
Vendor	0.06	0.05	1.20	0.59	0.01	0.01	0.19	0.20	0.01	0.05	0.06	—	721	721	0.01	0.10	1.62	754
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.77	0.75	0.68	6.72	0.00	0.00	1.61	1.61	0.00	0.39	0.39	—	1,581	1,581	0.04	0.07	0.13	1,603
Vendor	0.06	0.04	1.28	0.62	0.01	0.01	0.19	0.20	0.01	0.05	0.06	—	723	723	0.01	0.10	0.04	754
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.56	0.55	0.44	5.04	0.00	0.00	1.13	1.13	0.00	0.27	0.27	—	1,174	1,174	0.03	0.05	1.52	1,190
Vendor	0.04	0.03	0.89	0.43	< 0.005	0.01	0.14	0.14	0.01	0.04	0.05	—	517	517	0.01	0.07	0.50	540
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.10	0.08	0.92	0.00	0.00	0.21	0.21	0.00	0.05	0.05	—	194	194	< 0.005	0.01	0.25	197
Vendor	0.01	0.01	0.16	0.08	< 0.005	< 0.005	0.02	0.03	< 0.005	0.01	0.01	—	85.6	85.6	< 0.005	0.01	0.08	89.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Building Construction (2029) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.15	0.97	8.58	12.9	0.02	0.28	—	0.28	0.25	—	0.25	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	0.17	0.14	1.26	1.89	< 0.005	0.04	—	0.04	0.04	—	0.04	—	352	352	0.01	< 0.005	—	353
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.23	0.35	< 0.005	0.01	—	0.01	0.01	—	0.01	—	58.2	58.2	< 0.005	< 0.005	—	58.4
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.73	0.66	0.62	6.24	0.00	0.00	1.61	1.61	0.00	0.39	0.39	—	1,552	1,552	0.04	0.07	0.11	1,574
Vendor	0.06	0.04	1.24	0.60	0.01	0.01	0.19	0.20	0.01	0.05	0.06	—	704	704	0.01	0.10	0.04	735
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.11	0.08	0.95	0.00	0.00	0.23	0.23	0.00	0.06	0.06	—	236	236	0.01	0.01	0.28	239
Vendor	0.01	0.01	0.18	0.09	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	103	103	< 0.005	0.02	0.09	108
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.17	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	39.1	39.1	< 0.005	< 0.005	0.05	39.6
Vendor	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	17.1	17.1	< 0.005	< 0.005	0.02	17.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.14. Building Construction (2029) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.15	0.97	8.58	12.9	0.02	0.28	—	0.28	0.25	—	0.25	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.14	1.26	1.89	< 0.005	0.04	—	0.04	0.04	—	0.04	—	352	352	0.01	< 0.005	—	353
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.23	0.35	< 0.005	0.01	—	0.01	0.01	—	0.01	—	58.2	58.2	< 0.005	< 0.005	—	58.4
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.73	0.66	0.62	6.24	0.00	0.00	1.61	1.61	0.00	0.39	0.39	—	1,552	1,552	0.04	0.07	0.11	1,574
Vendor	0.06	0.04	1.24	0.60	0.01	0.01	0.19	0.20	0.01	0.05	0.06	—	704	704	0.01	0.10	0.04	735
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.11	0.08	0.95	0.00	0.00	0.23	0.23	0.00	0.06	0.06	—	236	236	0.01	0.01	0.28	239
Vendor	0.01	0.01	0.18	0.09	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	103	103	< 0.005	0.02	0.09	108
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.17	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	39.1	39.1	< 0.005	< 0.005	0.05	39.6
Vendor	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	17.1	17.1	< 0.005	< 0.005	0.02	17.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.15. Paving (2029) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.80	0.67	6.46	9.92	0.01	0.24	—	0.24	0.22	—	0.22	—	1,511	1,511	0.06	0.01	—	1,516
Paving	0.34	0.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.80	0.67	6.46	9.92	0.01	0.24	—	0.24	0.22	—	0.22	—	1,511	1,511	0.06	0.01	—	1,516
Paving	0.34	0.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.45	0.38	3.67	5.63	0.01	0.14	—	0.14	0.12	—	0.12	—	857	857	0.03	0.01	—	860
Paving	0.19	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.07	0.67	1.03	< 0.005	0.02	—	0.02	0.02	—	0.02	—	142	142	0.01	< 0.005	—	142
Paving	0.04	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.03	0.55	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	119	119	< 0.005	< 0.005	0.30	120
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.42	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	105	105	< 0.005	< 0.005	0.01	107
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.25	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	61.9	61.9	< 0.005	< 0.005	0.07	62.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.2	10.2	< 0.005	< 0.005	0.01	10.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.16. Paving (2029) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.80	0.67	6.46	9.92	0.01	0.24	—	0.24	0.22	—	0.22	—	1,511	1,511	0.06	0.01	—	1,516
Paving	0.34	0.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.80	0.67	6.46	9.92	0.01	0.24	—	0.24	0.22	—	0.22	—	1,511	1,511	0.06	0.01	—	1,516
Paving	0.34	0.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.45	0.38	3.67	5.63	0.01	0.14	—	0.14	0.12	—	0.12	—	857	857	0.03	0.01	—	860
Paving	0.19	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.07	0.67	1.03	< 0.005	0.02	—	0.02	0.02	—	0.02	—	142	142	0.01	< 0.005	—	142
Paving	0.04	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.03	0.55	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	119	119	< 0.005	< 0.005	0.30	120
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.42	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	105	105	< 0.005	< 0.005	0.01	107
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.25	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	61.9	61.9	< 0.005	< 0.005	0.07	62.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.2	10.2	< 0.005	< 0.005	0.01	10.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.17. Paving (2030) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	0.64	6.28	9.90	0.01	0.22	—	0.22	0.20	—	0.20	—	1,511	1,511	0.06	0.01	—	1,516
Paving	0.34	0.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	0.64	6.28	9.90	0.01	0.22	—	0.22	0.20	—	0.20	—	1,511	1,511	0.06	0.01	—	1,516
Paving	0.34	0.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.33	0.28	2.72	4.28	0.01	0.10	—	0.10	0.09	—	0.09	—	653	653	0.03	0.01	—	656
Paving	0.15	0.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.50	0.78	< 0.005	0.02	—	0.02	0.02	—	0.02	—	108	108	< 0.005	< 0.005	—	109
Paving	0.03	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.03	0.52	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	116	116	< 0.005	< 0.005	0.26	118
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.39	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	103	103	< 0.005	< 0.005	0.01	105
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.18	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	46.3	46.3	< 0.005	< 0.005	0.05	47.0
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.67	7.67	< 0.005	< 0.005	0.01	7.78
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.18. Paving (2030) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	0.64	6.28	9.90	0.01	0.22	—	0.22	0.20	—	0.20	—	1,511	1,511	0.06	0.01	—	1,516
Paving	0.34	0.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	0.64	6.28	9.90	0.01	0.22	—	0.22	0.20	—	0.20	—	1,511	1,511	0.06	0.01	—	1,516
Paving	0.34	0.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.33	0.28	2.72	4.28	0.01	0.10	—	0.10	0.09	—	0.09	—	653	653	0.03	0.01	—	656
Paving	0.15	0.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.50	0.78	< 0.005	0.02	—	0.02	0.02	—	0.02	—	108	108	< 0.005	< 0.005	—	109
Paving	0.03	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.03	0.52	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	116	116	< 0.005	< 0.005	0.26	118
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.39	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	103	103	< 0.005	< 0.005	0.01	105
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.18	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	46.3	46.3	< 0.005	< 0.005	0.05	47.0
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.67	7.67	< 0.005	< 0.005	0.01	7.78
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.19. Architectural Coating (2029) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.79	1.11	< 0.005	0.01	—	0.01	0.01	—	0.01	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	49.6	49.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.79	1.11	< 0.005	0.01	—	0.01	0.01	—	0.01	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	49.6	49.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.35	0.50	< 0.005	0.01	—	0.01	0.01	—	0.01	—	59.6	59.6	< 0.005	< 0.005	—	59.8
Architectural Coatings	22.1	22.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.87	9.87	< 0.005	< 0.005	—	9.90
Architectural Coatings	4.04	4.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.16	0.10	1.63	0.00	0.00	0.32	0.32	0.00	0.08	0.08	—	350	350	0.01	0.01	0.88	355
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.13	0.12	1.25	0.00	0.00	0.32	0.32	0.00	0.08	0.08	—	310	310	0.01	0.01	0.02	315
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.05	0.58	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	144	144	< 0.005	0.01	0.17	146
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	23.8	23.8	< 0.005	< 0.005	0.03	24.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.20. Architectural Coating (2029) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	0.12	0.10	0.79	1.11	< 0.005	0.01	—	0.01	0.01	—	0.01	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	49.6	49.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.79	1.11	< 0.005	0.01	—	0.01	0.01	—	0.01	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	49.6	49.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.35	0.50	< 0.005	0.01	—	0.01	0.01	—	0.01	—	59.6	59.6	< 0.005	< 0.005	—	59.8
Architectural Coatings	22.1	22.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.87	9.87	< 0.005	< 0.005	—	9.90

Architect Coatings	4.04	4.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.16	0.10	1.63	0.00	0.00	0.32	0.32	0.00	0.08	0.08	—	350	350	0.01	0.01	0.88	355
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.13	0.12	1.25	0.00	0.00	0.32	0.32	0.00	0.08	0.08	—	310	310	0.01	0.01	0.02	315
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.05	0.58	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	144	144	< 0.005	0.01	0.17	146
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	23.8	23.8	< 0.005	< 0.005	0.03	24.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	17.8	16.8	16.1	112	0.32	0.25	26.4	26.7	0.24	6.70	6.94	—	32,563	32,563	1.12	1.68	72.8	33,165
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	17.8	16.8	16.1	112	0.32	0.25	26.4	26.7	0.24	6.70	6.94	—	32,563	32,563	1.12	1.68	72.8	33,165
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	16.1	15.0	18.2	99.4	0.29	0.25	26.4	26.7	0.24	6.70	6.94	—	29,990	29,990	1.30	1.79	1.89	30,557
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	16.1	15.0	18.2	99.4	0.29	0.25	26.4	26.7	0.24	6.70	6.94	—	29,990	29,990	1.30	1.79	1.89	30,557
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	2.97	2.78	3.14	18.0	0.05	0.05	4.75	4.80	0.04	1.20	1.25	—	5,087	5,087	0.20	0.29	5.20	5,182
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Total	2.97	2.78	3.14	18.0	0.05	0.05	4.75	4.80	0.04	1.20	1.25	—	5,087	5,087	0.20	0.29	5.20	5,182

4.1.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	17.8	16.8	16.1	112	0.32	0.25	26.4	26.7	0.24	6.70	6.94	—	32,563	32,563	1.12	1.68	72.8	33,165
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	17.8	16.8	16.1	112	0.32	0.25	26.4	26.7	0.24	6.70	6.94	—	32,563	32,563	1.12	1.68	72.8	33,165
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	16.1	15.0	18.2	99.4	0.29	0.25	26.4	26.7	0.24	6.70	6.94	—	29,990	29,990	1.30	1.79	1.89	30,557
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	16.1	15.0	18.2	99.4	0.29	0.25	26.4	26.7	0.24	6.70	6.94	—	29,990	29,990	1.30	1.79	1.89	30,557
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	2.97	2.78	3.14	18.0	0.05	0.05	4.75	4.80	0.04	1.20	1.25	—	5,087	5,087	0.20	0.29	5.20	5,182
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	2.97	2.78	3.14	18.0	0.05	0.05	4.75	4.80	0.04	1.20	1.25	—	5,087	5,087	0.20	0.29	5.20	5,182

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	7,965	7,965	0.49	0.06	—	7,996
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	2,629	2,629	0.16	0.02	—	2,639
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	10,594	10,594	0.66	0.08	—	10,635
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	7,965	7,965	0.49	0.06	—	7,996
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	2,629	2,629	0.16	0.02	—	2,639
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	10,594	10,594	0.66	0.08	—	10,635
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	1,319	1,319	0.08	0.01	—	1,324
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	435	435	0.03	< 0.005	—	437
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,754	1,754	0.11	0.01	—	1,761

4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	7,965	7,965	0.49	0.06	—	7,996
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	2,629	2,629	0.16	0.02	—	2,639
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	10,594	10,594	0.66	0.08	—	10,635
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	7,965	7,965	0.49	0.06	—	7,996
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	2,629	2,629	0.16	0.02	—	2,639
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Total	—	—	—	—	—	—	—	—	—	—	—	—	10,594	10,594	0.66	0.08	—	10,635
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	1,319	1,319	0.08	0.01	—	1,324
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	435	435	0.03	< 0.005	—	437
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,754	1,754	0.11	0.01	—	1,761

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	26.1	26.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	2.21	2.21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landscape Equipm	3.19	3.02	0.33	35.0	< 0.005	0.02	—	0.02	0.01	—	0.01	—	93.3	93.3	< 0.005	< 0.005	—	93.6
Total	31.5	31.4	0.33	35.0	< 0.005	0.02	—	0.02	0.01	—	0.01	0.00	93.3	93.3	< 0.005	< 0.005	—	93.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	26.1	26.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	2.21	2.21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	28.4	28.4	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	4.77	4.77	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.40	0.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.29	0.27	0.03	3.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.62	7.62	< 0.005	< 0.005	—	7.64
Total	5.46	5.45	0.03	3.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	7.62	7.62	< 0.005	< 0.005	—	7.64

4.3.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	26.1	26.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	2.21	2.21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	3.19	3.02	0.33	35.0	< 0.005	0.02	—	0.02	0.01	—	0.01	—	93.3	93.3	< 0.005	< 0.005	—	93.6
Total	31.5	31.4	0.33	35.0	< 0.005	0.02	—	0.02	0.01	—	0.01	0.00	93.3	93.3	< 0.005	< 0.005	—	93.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	26.1	26.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	2.21	2.21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	28.4	28.4	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00

Consumer Products	4.77	4.77	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.40	0.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.29	0.27	0.03	3.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.62	7.62	< 0.005	< 0.005	—	7.64
Total	5.46	5.45	0.03	3.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	7.62	7.62	< 0.005	< 0.005	—	7.64

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	46.0	636	682	4.76	0.12	—	835
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	70.7	70.7	< 0.005	< 0.005	—	71.0
Total	—	—	—	—	—	—	—	—	—	—	—	46.0	706	752	4.76	0.12	—	906
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	46.0	636	682	4.76	0.12	—	835
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	70.7	70.7	< 0.005	< 0.005	—	71.0
Total	—	—	—	—	—	—	—	—	—	—	—	46.0	706	752	4.76	0.12	—	906
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	7.62	105	113	0.79	0.02	—	138
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	11.7	11.7	< 0.005	< 0.005	—	11.8
Total	—	—	—	—	—	—	—	—	—	—	—	7.62	117	125	0.79	0.02	—	150

4.4.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	46.0	636	682	4.76	0.12	—	835
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	70.7	70.7	< 0.005	< 0.005	—	71.0
Total	—	—	—	—	—	—	—	—	—	—	—	46.0	706	752	4.76	0.12	—	906

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	46.0	636	682	4.76	0.12	—	835
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	70.7	70.7	< 0.005	< 0.005	—	71.0
Total	—	—	—	—	—	—	—	—	—	—	—	46.0	706	752	4.76	0.12	—	906
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	7.62	105	113	0.79	0.02	—	138
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	11.7	11.7	< 0.005	< 0.005	—	11.8
Total	—	—	—	—	—	—	—	—	—	—	—	7.62	117	125	0.79	0.02	—	150

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	281	0.00	281	28.1	0.00	—	983

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
City Park	—	—	—	—	—	—	—	—	—	—	—	0.60	0.00	0.60	0.06	0.00	—	2.10
Total	—	—	—	—	—	—	—	—	—	—	—	282	0.00	282	28.1	0.00	—	985
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	281	0.00	281	28.1	0.00	—	983
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
City Park	—	—	—	—	—	—	—	—	—	—	—	0.60	0.00	0.60	0.06	0.00	—	2.10
Total	—	—	—	—	—	—	—	—	—	—	—	282	0.00	282	28.1	0.00	—	985
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	46.5	0.00	46.5	4.65	0.00	—	163
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
City Park	—	—	—	—	—	—	—	—	—	—	—	0.10	0.00	0.10	0.01	0.00	—	0.35
Total	—	—	—	—	—	—	—	—	—	—	—	46.6	0.00	46.6	4.66	0.00	—	163

4.5.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	281	0.00	281	28.1	0.00	—	983
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
City Park	—	—	—	—	—	—	—	—	—	—	—	0.60	0.00	0.60	0.06	0.00	—	2.10
Total	—	—	—	—	—	—	—	—	—	—	—	282	0.00	282	28.1	0.00	—	985
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	281	0.00	281	28.1	0.00	—	983
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
City Park	—	—	—	—	—	—	—	—	—	—	—	0.60	0.00	0.60	0.06	0.00	—	2.10
Total	—	—	—	—	—	—	—	—	—	—	—	282	0.00	282	28.1	0.00	—	985
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	46.5	0.00	46.5	4.65	0.00	—	163
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
City Park	—	—	—	—	—	—	—	—	—	—	—	0.10	0.00	0.10	0.01	0.00	—	0.35
Total	—	—	—	—	—	—	—	—	—	—	—	46.6	0.00	46.6	4.66	0.00	—	163

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.59	8.59
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.59	8.59
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.59	8.59
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.59	8.59
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.42	1.42
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.42	1.42

4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.59	8.59
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.59	8.59
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.59	8.59
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.59	8.59
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.42	1.42
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.42	1.42

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Remove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	2/1/2025	3/1/2025	5.00	20.0	—
Site Preparation	Site Preparation	3/1/2025	7/4/2025	5.00	90.0	—
Grading	Grading	7/7/2026	3/15/2027	5.00	180	—
Building Construction	Building Construction	3/16/2027	3/16/2029	5.00	524	—
Paving	Paving	3/17/2029	8/9/2030	5.00	365	—
Architectural Coating	Architectural Coating	5/17/2029	12/31/2029	5.00	163	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Demolition	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Demolition	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40

Site Preparation	Tractors/Loaders/Back	Diesel	Average	4.00	8.00	84.0	0.37
Grading	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Grading	Tractors/Loaders/Back hoes	Diesel	Average	2.00	8.00	84.0	0.37
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Back hoes	Diesel	Average	3.00	7.00	84.0	0.37
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Demolition	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Demolition	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Back hoes	Diesel	Average	4.00	8.00	84.0	0.37
Grading	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41

Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Grading	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	3.00	7.00	84.0	0.37
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	15.0	10.6	LDA,LDT1,LDT2
Demolition	Vendor	—	3.50	HHDT,MHDT
Demolition	Hauling	0.00	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	10.6	LDA,LDT1,LDT2
Site Preparation	Vendor	—	3.50	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT

Grading	—	—	—	—
Grading	Worker	20.0	10.6	LDA,LDT1,LDT2
Grading	Vendor	—	3.50	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	221	10.6	LDA,LDT1,LDT2
Building Construction	Vendor	65.7	3.50	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	10.6	LDA,LDT1,LDT2
Paving	Vendor	—	3.50	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	44.3	10.6	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	3.50	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	15.0	10.6	LDA,LDT1,LDT2
Demolition	Vendor	—	3.50	HHDT,MHDT
Demolition	Hauling	0.00	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT

Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	10.6	LDA,LDT1,LDT2
Site Preparation	Vendor	—	3.50	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	20.0	10.6	LDA,LDT1,LDT2
Grading	Vendor	—	3.50	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	221	10.6	LDA,LDT1,LDT2
Building Construction	Vendor	65.7	3.50	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	10.6	LDA,LDT1,LDT2
Paving	Vendor	—	3.50	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	44.3	10.6	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	3.50	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Apply dust suppressants to unpaved roads	84%	84%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%
Sweep paved roads once per month	9%	9%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	2,428,481	809,494	0.00	0.00	123,545

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	—	—
Site Preparation	—	—	135	0.00	—
Grading	—	—	540	0.00	—
Paving	0.00	0.00	0.00	0.00	54.0

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Single Family Housing	6.78	0%
Parking Lot	47.3	100%
City Park	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2025	0.00	532	0.03	< 0.005
2026	0.00	532	0.03	< 0.005
2027	0.00	532	0.03	< 0.005
2028	0.00	532	0.03	< 0.005
2029	0.00	532	0.03	< 0.005
2030	0.00	532	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Single Family Housing	5,363	5,363	5,363	1,957,422	37,409	37,409	37,409	13,654,118
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Single Family Housing	5,363	5,363	5,363	1,957,422	37,409	37,409	37,409	13,654,118

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

Hearth Type	Unmitigated (number)
Single Family Housing	—
Wood Fireplaces	0
Gas Fireplaces	0
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	0
Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	0
Pellet Wood Stoves	0

5.10.1.2. Mitigated

Hearth Type	Unmitigated (number)
Single Family Housing	—
Wood Fireplaces	0
Gas Fireplaces	0
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	0

Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	0
Pellet Wood Stoves	0

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
2428481.25	809,494	0.00	0.00	123,545

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Single Family Housing	5,465,174	532	0.0330	0.0040	0.00
Parking Lot	1,803,755	532	0.0330	0.0040	0.00
City Park	0.00	532	0.0330	0.0040	0.00

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Single Family Housing	5,465,174	532	0.0330	0.0040	0.00
Parking Lot	1,803,755	532	0.0330	0.0040	0.00
City Park	0.00	532	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Single Family Housing	24,007,601	141,152,741
Parking Lot	0.00	19.6
City Park	0.00	20,051,139

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Single Family Housing	24,007,601	141,152,741
Parking Lot	0.00	19.6
City Park	0.00	20,051,139

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Single Family Housing	521	—
Parking Lot	0.00	—

City Park	1.11	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Single Family Housing	521	—
Parking Lot	0.00	—
City Park	1.11	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
City Park	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0

Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
City Park	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

8. User Changes to Default Data

Screen	Justification
Characteristics: Utility Information	Utilities provided by Southern California Edison, gas utility would be provided by The Gas Company but development is all-electric.
Land Use	Land use types per TSMT #944
Construction: Construction Phases	Construction start in February 2025, build-out over 5 years
Operations: Hearths	All electric buildout
Operations: Vehicle Data	Trip rate updated to match Table Project Trip Generation from R&S Civil Engineers July 2024 Traffic Study
Operations: Energy Use	All electric development
Construction: Demolition	No structures are on the proposed project site.

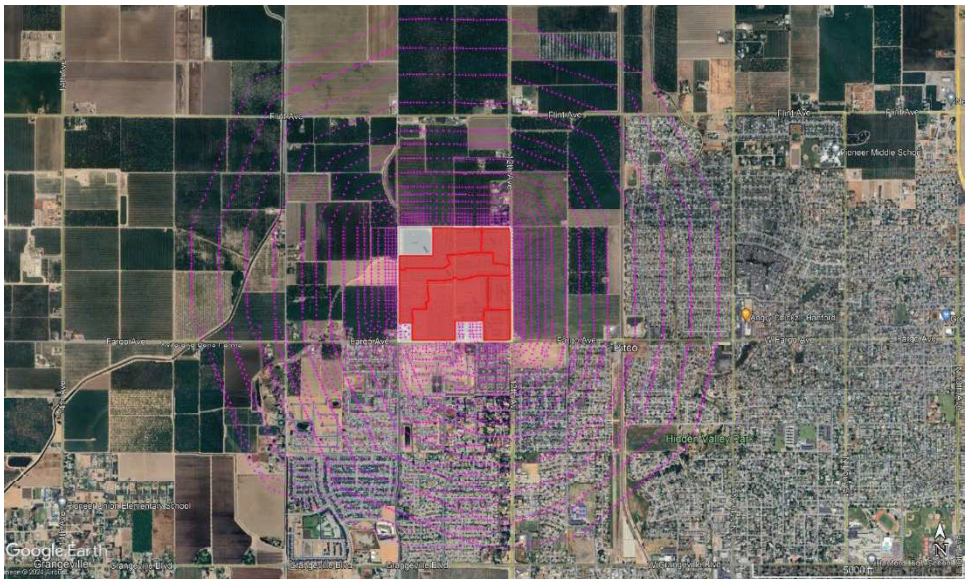
APPENDIX B

HRA MODEL SNAPSHOTS AND OUTPUTS

Project Location

Fresno
Fresno
Fresno

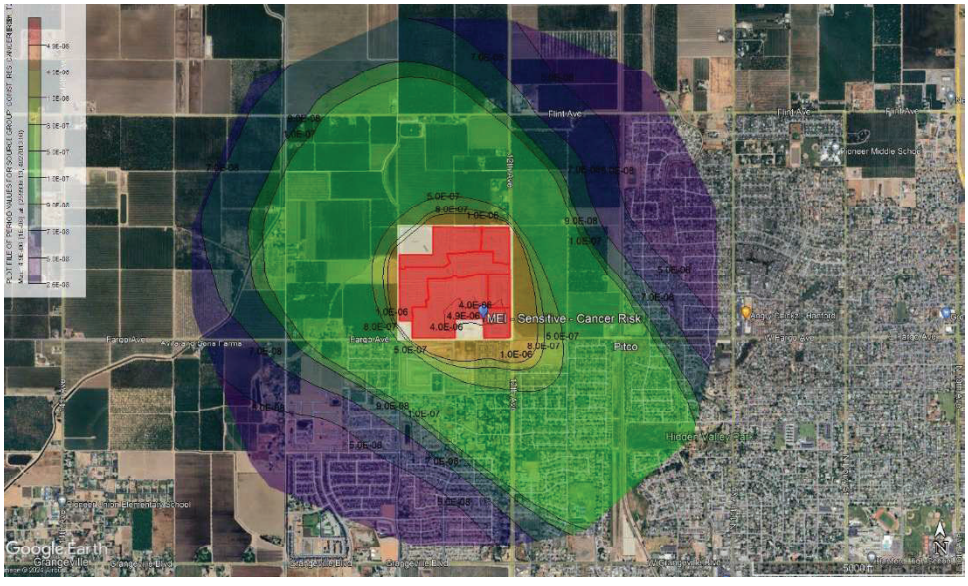
Receptor Grid



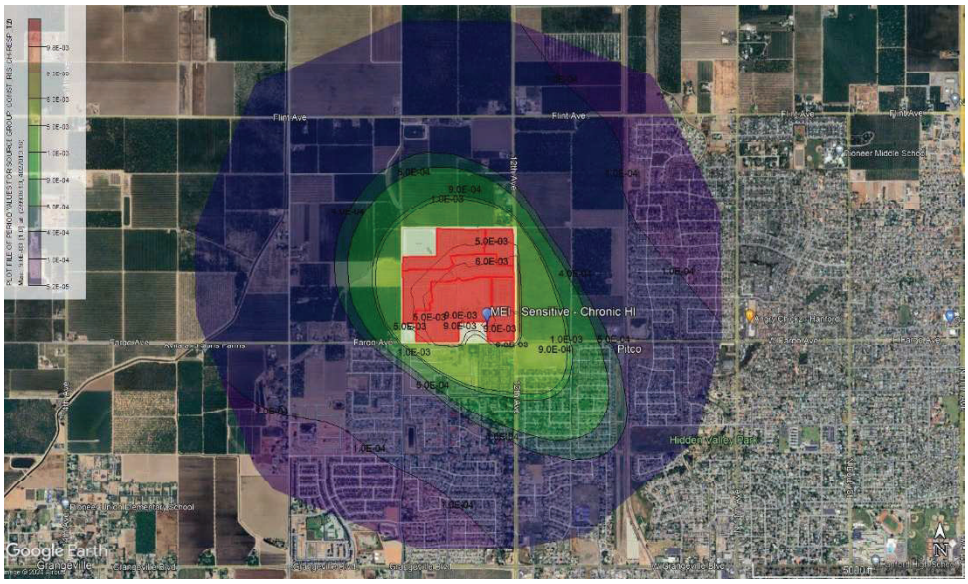
Construction

Health Risks from the Hanford Neves Project Construction to Off-Site Receptors

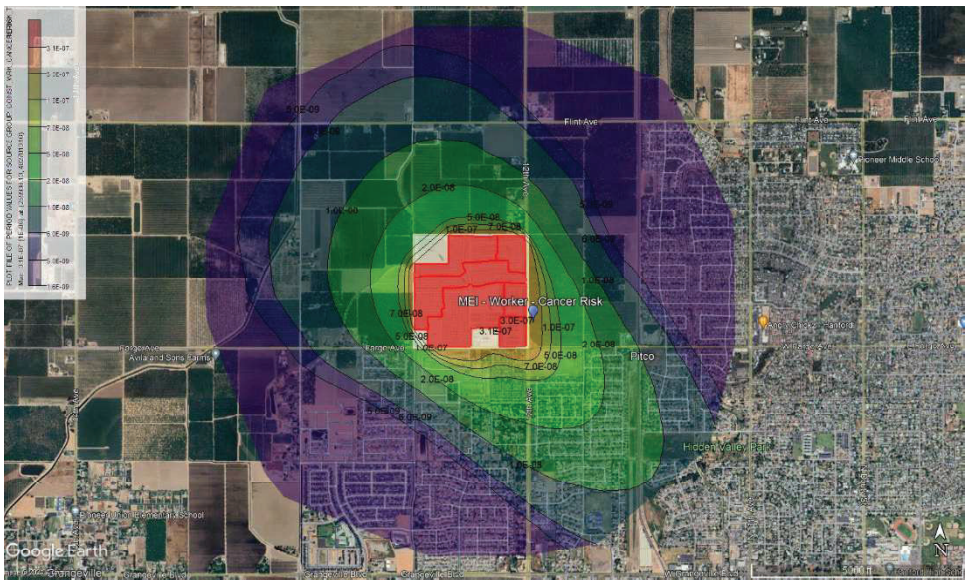
Residential Receptors: Cancer Risk



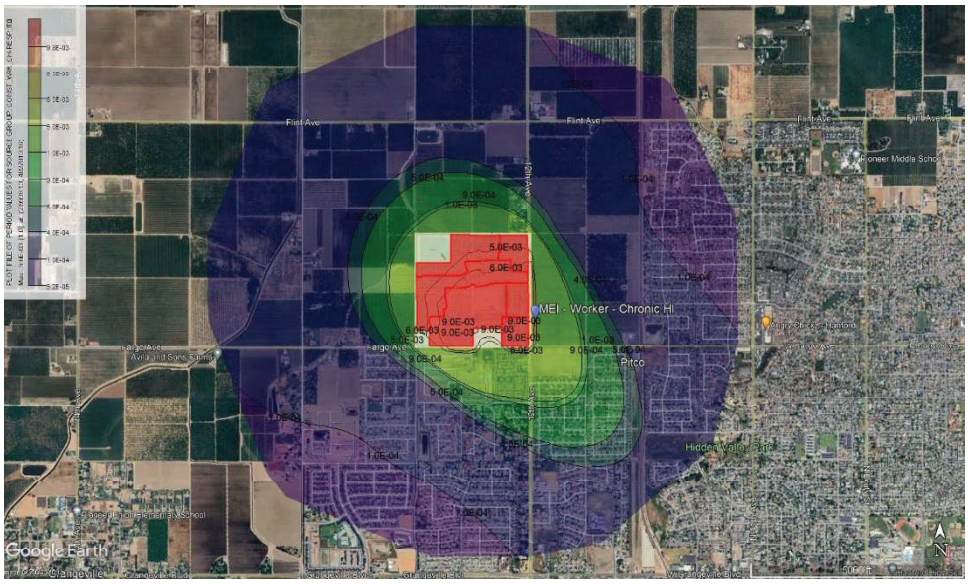
Residential Receptors: Chronic Hazard Index



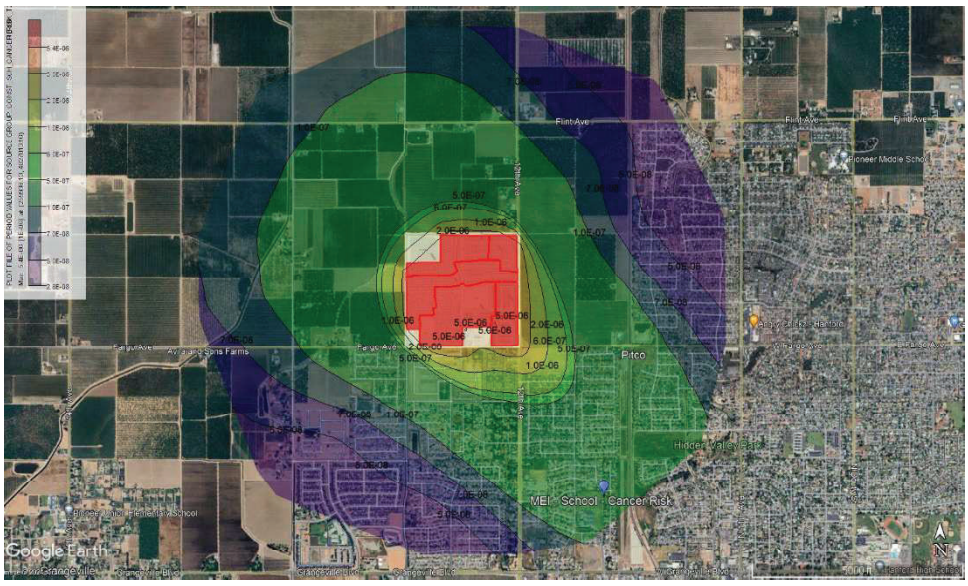
Worker Receptor: Cancer Risk



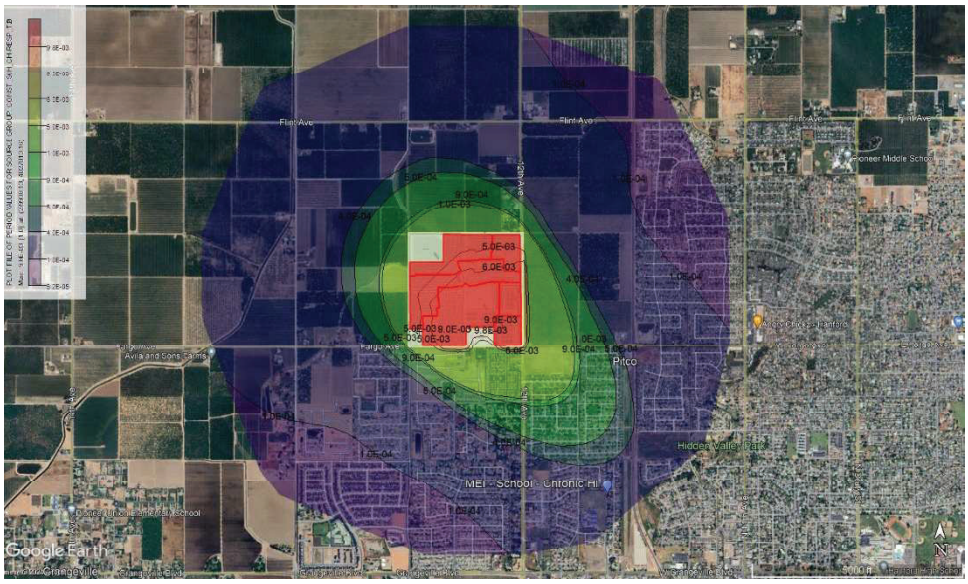
Worker Receptor: Chronic Hazard Index



School Receptor: Cancer Risk



School Receptor: Chronic Hazard Index



Construction MEI (Sensitive) - Cancer Risk (in a Million) HARP Rec #: 204 X: 259938.13 Y: 4027013.16			
T2	T3L3	T4f	0
4.91	0.90	0.64	0.00
MEI (Sensitive) - Chronic Hazard Index HARP Rec #: 204 X: 259938.13 Y: 4027013.16			
T2	T3L3	T4f	0
9.85E-03	1.80E-03	1.35E-03	0.00E+00
MEI (Sensitive) - Acute Hazard Index HARP Rec #: NA X: NA Y: NA			
T2	T3L3	T4f	0
0.00E+00	0.00E+00	0.00E+00	0.00E+00
MEI (Sensitive) - PM 2.5 HARP Rec #: 204 X: 259938.13 Y: 4027013.16			
T2	T3L3	T4f	0
0.049	0.009	0.007	0.000

Construction MEI (Worker) - Cancer Risk (in a Million) HARP Rec #: 3260 X: 260185.48 Y: 4027071.65			
T2	T3L3	T4f	0
0.23	0.05	0.04	0.00
MEI (Worker) - Chronic Hazard Index HARP Rec #: 3260 X: 260185.48 Y: 4027071.65			
T2	T3L3	T4f	0
7.38E-03	1.35E-03	1.01E-03	0.00E+00
MEI (Worker) - Acute Hazard Index HARP Rec #: NA X: NA Y: NA			
T2	T3L3	T4f	0
0.00E+00	0.00E+00	0.00E+00	0.00E+00
MEI (Worker) - PM 2.5 HARP Rec #: 3260 X: 260185.48 Y: 4027071.65			
T2	T3L3	T4f	0
0.037	0.007	0.005	0.000

Construction MEI (School) - Cancer Risk (in a Million) HARP Rec #: 1062 X: 260719.8 Y: 4025789.48			
T2	T3L3	T4f	0
0.16	0.03	0.02	0.00
MEI (School) - Chronic Hazard Index HARP Rec #: 1062 X: 260719.8 Y: 4025789.48			
T2	T3L3	T4f	0
2.93E-04	5.36E-05	4.00E-05	0.00E+00
MEI (School) - Acute Hazard Index HARP Rec #: NA X: NA Y: NA			
T2	T3L3	T4f	0
0.00E+00	0.00E+00	0.00E+00	0.00E+00
MEI (School) - PM 2.5 HARP Rec #: 1062 X: 260719.8 Y: 4025789.48			
T2	T3L3	T4f	0
0.0015	0.0003	0.0002	0.0000

Operational Sensitive Receptor			
Parameter	**HARP Rec #**	**X & Y Coordinate**	**Result**
30 Yr Cancer Risk (in a Million)	0	0 0	0.00
70 Yr Cancer Risk (in a Million)	0	0 0	0.00
Chronic HI	0	0 0	0.00E+00
Acute HI	0	0 0	0.00E+00
PM 2.5	0	0 0	0.0000

Operational Worker Receptor			
Parameter	**HARP Rec #**	**X & Y Coordinate**	**Result**
25 Yr Cancer Risk (in a Million)	0	0 0	0.00
Chronic HI	0	0 0	0.00E+00
Acute HI	0	0 0	0.00E+00
PM 2.5	0	0 0	0.00E+00

Operational School Receptor			
Parameter	**HARP Rec #**	**X & Y Coordinate**	**Result**
9 Yr Cancer Risk (in a Million)	0	0 0	0.00
Chronic HI	0	0 0	0.00E+00
Acute HI	0	0 0	0.00E+00
PM 2.5	0	0 0	0.0000

Zone 11

Datum WGS 1984

KML File Name 20241686 Project MEI

Process Coordinates

Description	Receptor Type	Model Type	UTM X	UTM Y	Latitude	Longitude		Unmitigated	Sensitive T2	Sensitive T2L3	Sensitive T4	Row
Construction	Sensitive	Cancer Risk	259938.13	4027013.16	36.35828787	-119.6754413	Col	2	3	4	5	4
Construction	Sensitive	Chronic HI	259938.13	4027013.16	36.35828787	-119.6754413		2	3	4	5	7
Construction	Sensitive	Acute HI	0	0				2	3	4	5	10
Construction	Sensitive	PM 2.5	259938.13	4027013.16	36.35828787	-119.6754413		2	3	4	5	13
Construction	School	Cancer Risk	260719.80	4025789.48	36.34746257	-119.6663622		12	13	14	15	4
Construction	School	Chronic HI	260719.80	4025789.48	36.34746257	-119.6663622		12	13	14	15	7
Construction	School	Acute HI	0	0				12	13	14	15	10
Construction	School	PM 2.5	260719.80	4025789.48	36.34746257	-119.6663622		12	13	14	15	13
Construction	Worker	Cancer Risk	260185.48	4027071.65	36.35887629	-119.6727054		7	8	9	10	4
Construction	Worker	Chronic HI	260185.48	4027071.65	36.35887629	-119.6727054		7	8	9	10	7
Construction	Worker	Acute HI	0	0				7	8	9	10	10
Construction	Worker	PM 2.5	260185.48	4027071.65	36.35887629	-119.6727054		7	8	9	10	13
Operational	Sensitive	Cancer Risk 30 yr	0	0				3	4	5	2	18
Operational	Sensitive	Cancer Risk 70 yr	0	0				3	4	5	2	20
Operational	Sensitive	Chronic HI	0	0				3	4	5	2	22
Operational	Sensitive	Acute HI	0	0				3	4	5	2	24
Operational	Sensitive	PM 2.5	0	0				3	4	5	2	26
Operational	Worker	Cancer Risk 25 yr	0	0				8	9	10	7	18
Operational	Worker	Chronic HI	0	0				8	9	10	7	20
Operational	Worker	Acute HI	0	0				8	9	10	7	22
Operational	Worker	PM 2.5	0	0				8	9	10	7	24
Operational	School	Cancer Risk 9 yr	0	0				13	14	15	12	18
Operational	School	Chronic HI	0	0				13	14	15	12	20
Operational	School	Acute HI	0	0				13	14	15	12	22
Operational	School	PM 2.5	0	0				13	14	15	12	24

General AERMOD Input Parameters			
Project Boundary			
	Based on site plan		
Project Elevation Data			
	Source	**Lakes Environmental**	
	Link	http://www.webgis.com/terraindata.html	
	Evel Data Descr.	**SRTM1**	
Project Receptor Grid			
	Telescoping Grid	Spacing (m)	Distance (m)
	Grid 1	**25**	**100**
	Grid 2	**50**	**200**
	Grid 3	**100**	**400**
	Grid 4	**200**	**800**
	Comments	**Receptors on roads or paring lot areas have been removed.**	
Meteorological Dataset			
	Location	**Hanford**	
	Provided By	**SJVAPCD**	
	Years	**2018-2022**	
	Elevation (m)	**74**	
	Link		
Construction Modeling Specific Inputs			
AERMOD Input Options			
	Regulatory Options	**Default**	
	Pollutant Type	**Other**	
	Averaging Period	**Period & Hourly**	
	Dispersion Coefficient	**Urban**	
	County	**San Bernardino**	
	Urban Grouping / Pop	**N**	
	# of Worker Receptors	**4,000**	
	# of Sensitive Receptors		
	# of School Receptors		
Construction Area Parameters			
	Source Type	**Polygon Area**	
	Project Area (m^2)	**544120.9**	
	Ht. of Source (m)	**3.048**	

General HARP Input Parameters		
Construction		
School Receptors		
School Scenario Parameters		
	Class Grade	**K-12**
	Starting Age	**1**
	Age Range	**1 Year Old - 6 Years Old**

	Receptor Type	**Individual Resident**
	Assessment Type	**Cancer / Chronic / Acute**
	Exposure Duration	**1**
	Intake Rate	**OEHHA Derived Merthod**
	Comments	**Each year of construction is modeled seperately and the impact to each recepetor is summed to estimate the total esposure from construction emissions. Additionally, the starting age is increased for each year of construction.**
School Pathway Parameters		
	Pathways	**SCAQMD Manadatory minimum Pathways**
	Deposition Rate	**0.02**
	TAH < 16 yrs	**N**
	TAH ≥ 16 yrs	**N**
Sensitive Receptors		
Sensitive Scenario Parameters		
	Starting Age	**3rd Trimester**
	Age Range	**3rd Trimester - 7 Year**
	Receptor Type	**Individual Resident**
	Assessment Type	**Cancer / Chronic / Acute**
	Exposure Duration	**1**
	Intake Rate	**OEHHA Derived Merthod**
	Comments	**Each year of construction is modeled seperately and the impact to each recepetor is summed to estimate the total esposure from construction emissions. Additionally, the starting age is increased for each year of construction.**
Sensitive Pathway Parameters		
	Pathways	**SJVAPCD Manadatory minimum Pathways**
	Deposition Rate	**0.02**
	TAH < 16 yrs	**Y**
	TAH ≥ 16 yrs	**Y**
Worker Receptors		
Worker Scenario Parameters		
	Starting Age	**16**
	Age Range	**16 - 23**
	Receptor Type	**Worker**
	Assessment Type	**Cancer / Chronic / Acute**
	Exposure Duration	**1**
	Intake Rate	**OEHHA Derived Merthod**
	Comments	**Each year of construction is modeled seperately and the impact to each recepetor is summed to estimate the total esposure from construction emissions. Additionally, the starting age is increased for each year of construction.**
Worker Pathway Parameters		
	Pathways	**OEHHA minimum Pathways**
	Deposition Rate	**0.02**
	TAH < 16 yrs	**N**
	TAH ≥ 16 yrs	**N**

PM 10				
Tons/Yr	T2	T3L3	T4f	
Year 1	0.0209	0.0027	0.0018	0
Year 2	0.0304	0.0033	0.0023	0
Year 3	0.1926	0.0353	0.0263	0
Year 4	0.1030	0.0234	0.0171	0
Year 5	0.0760	0.0208	0.0150	0
Year 6	0.0495	0.0146	0.0103	0
Year 7	0	0	0	0
Year 8	0	0	0	0
Year 9	0	0	0	0
Year 10	0	0	0	0
Year 11	0	0	0	0

PM 2.5				
Tons/Yr	T2	T3L3	T4f	
Year 1	0	0	0	0
Year 2	0	0	0	0
Year 3	0	0	0	0
Year 4	0	0	0	0
Year 5	0	0	0	0
Year 6	0	0	0	0
Year 7	0	0	0	0
Year 8	0	0	0	0
Year 9	0	0	0	0
Year 10	0	0	0	0
Year 11	0	0	0	0

Area Sources	SQM	Fraction
PHASE4	45,106.40	0.082898
PHASE3A	96,252.70	0.176896
PHASE2A	144,701.30	0.265936
PHASE3B	41,262.50	0.075833
PHASE2B	37,589.80	0.069084
PHASE1	179,208.20	0.329354
Total	544,120.90	100%

PM 10				
Lbs /Yr	T2	T3L3	T4f	0
Year 1	41.77	5.50	3.59	0
Year 2	60.80	6.58	4.60	0
Year 3	385.11	70.51	52.63	0
Year 4	205.98	46.86	34.25	0
Year 5	151.96	41.55	30.00	0
Year 6	98.93	29.11	20.57	0
Year 7	0	0	0	0
Year 8	0	0	0	0
Year 9	0	0	0	0
Year 10	0	0	0	0
Year 11	0	0	0	0

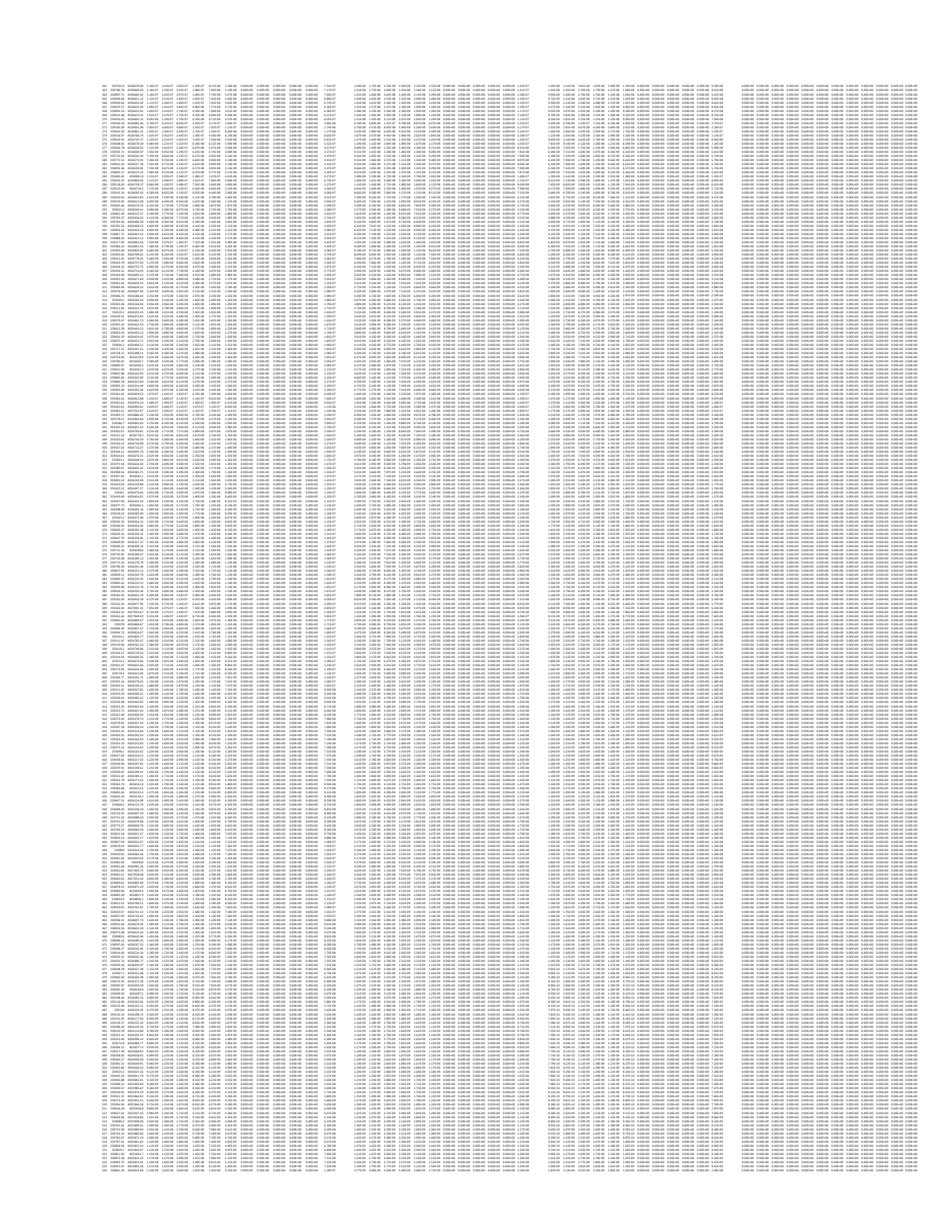
PM 2.5				
Lbs /Yr	T2	T3L3	T4f	0
Year 1	0	0	0	0
Year 2	0	0	0	0
Year 3	0	0	0	0
Year 4	0	0	0	0
Year 5	0	0	0	0
Year 6	0	0	0	0
Year 7	0	0	0	0
Year 8	0	0	0	0
Year 9	0	0	0	0
Year 10	0	0	0	0
Year 11	0	0	0	0

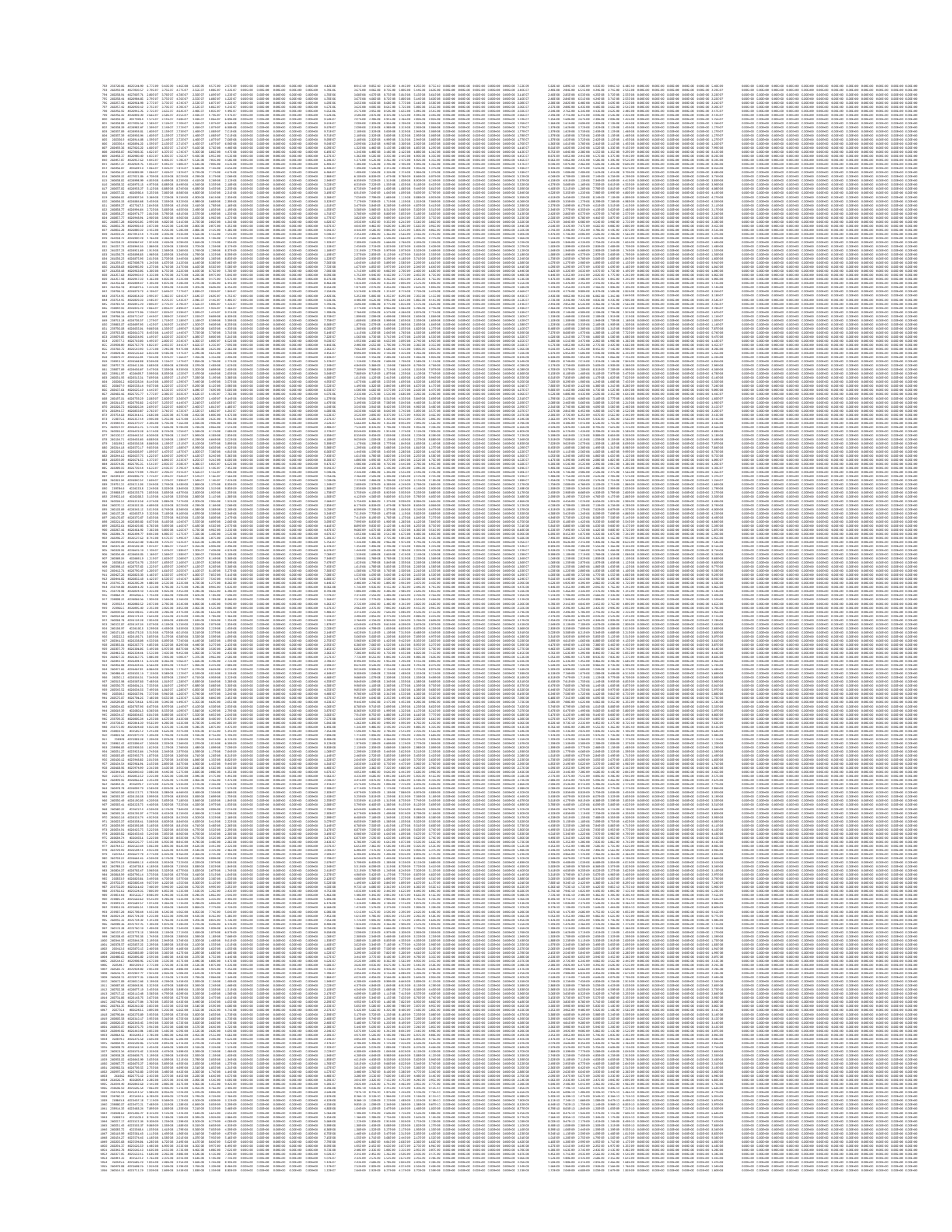
For Running Each Base Year

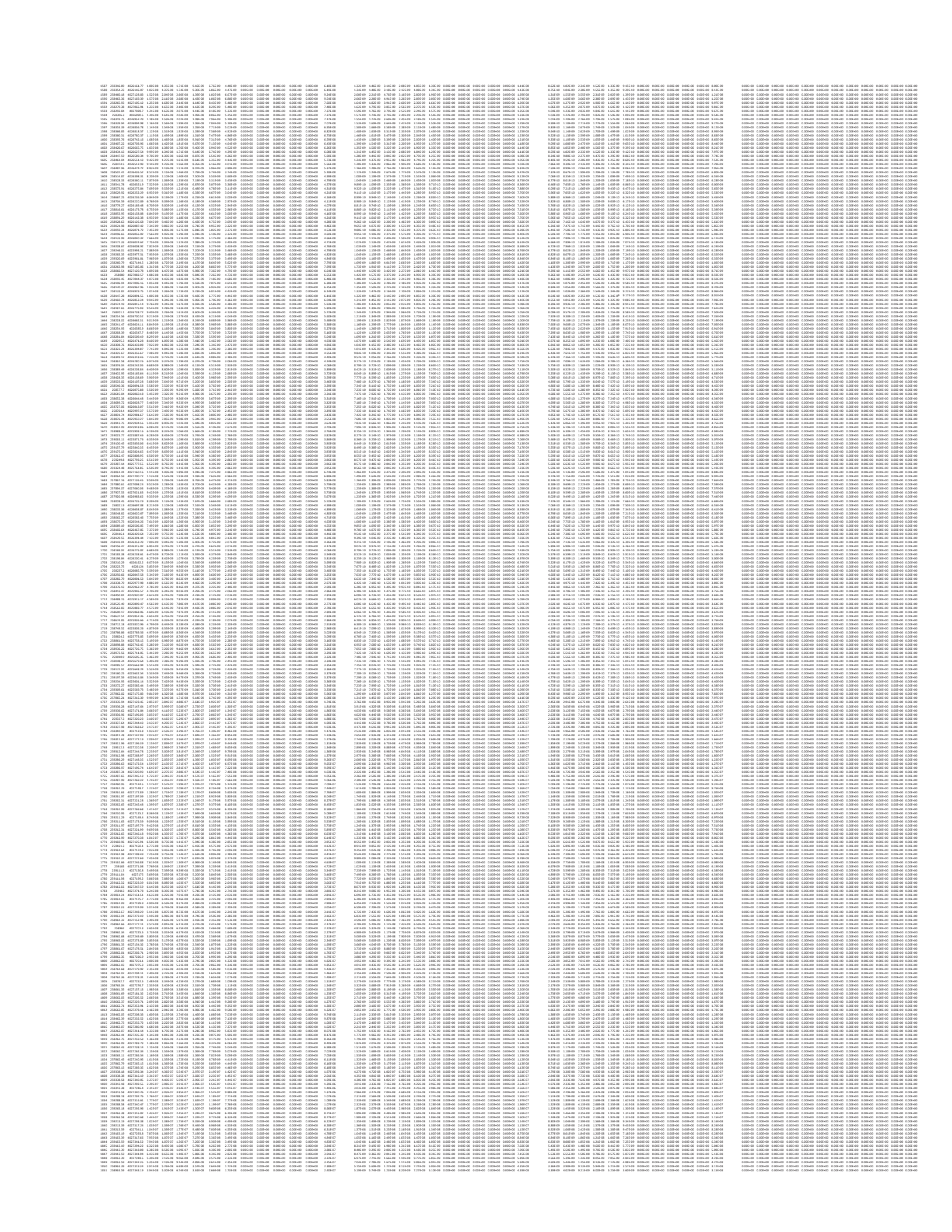
PM 10				
% Chng	T2	T3L3	T4f	0
Year 1	100%	13%	9%	0%
Year 2	100%	11%	8%	0%
Year 3	100%	18%	14%	0%
Year 4	100%	23%	17%	0%
Year 5	100%	27%	20%	0%
Year 6	100%	29%	21%	0%
Year 7	0%	0%	0%	0%
Year 8	0%	0%	0%	0%
Year 9	0%	0%	0%	0%
Year 10	0%	0%	0%	0%
Year 11	0%	0%	0%	0%

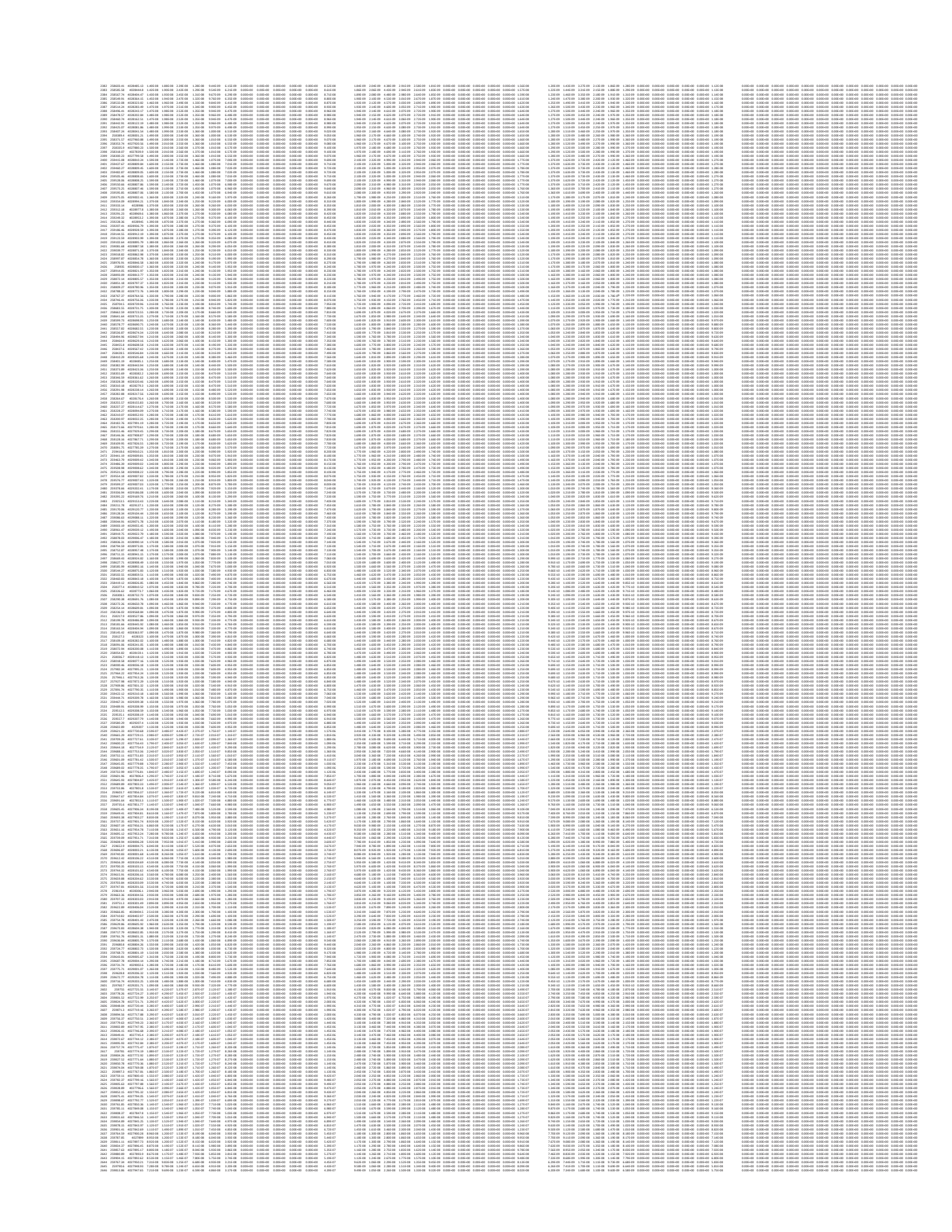
PM 2.5				
g/sec	T2	T3L3	T4f	0
Year 1	0	0	0	0
Year 2	0	0	0	0
Year 3	0	0	0	0
Year 4	0	0	0	0
Year 5	0	0	0	0
Year 6	0	0	0	0
Year 7	0	0	0	0
Year 8	0	0	0	0
Year 9	0	0	0	0
Year 10	0	0	0	0
Year 11	0	0	0	0

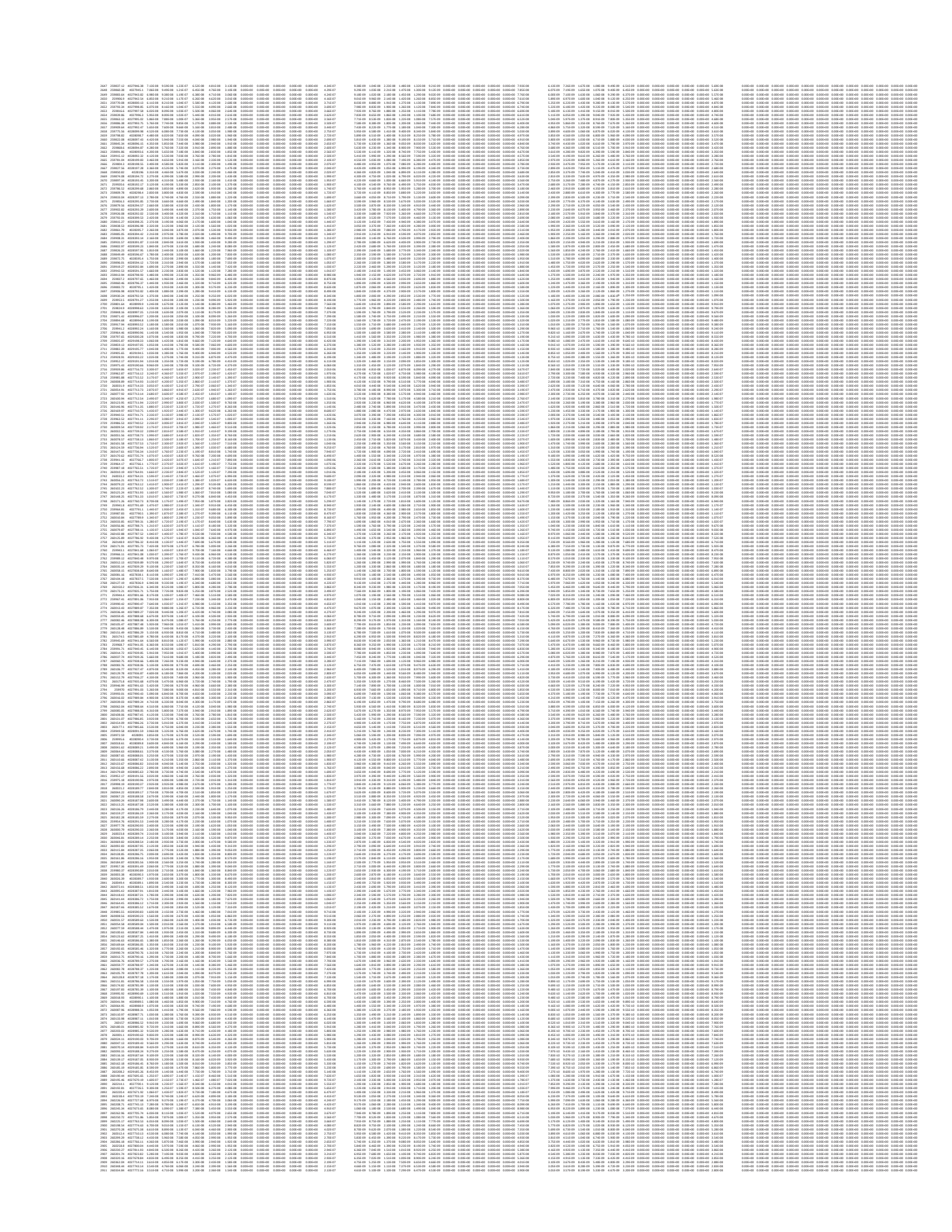
Run only 1,2, & 3 Years	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11
T2	100.0%	100.0%	100.0%	53.5%	39.5%	25.7%	0.0%	0.0%	0.0%	0.0%	0.0%
T3L3	13.2%	10.8%	18.3%	12.2%	10.8%	7.6%	0.0%	0.0%	0.0%	0.0%	0.0%
T4f	8.6%	7.6%	13.7%	8.9%	7.8%	5.3%	0.0%	0.0%	0.0%	0.0%	0.0%
0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

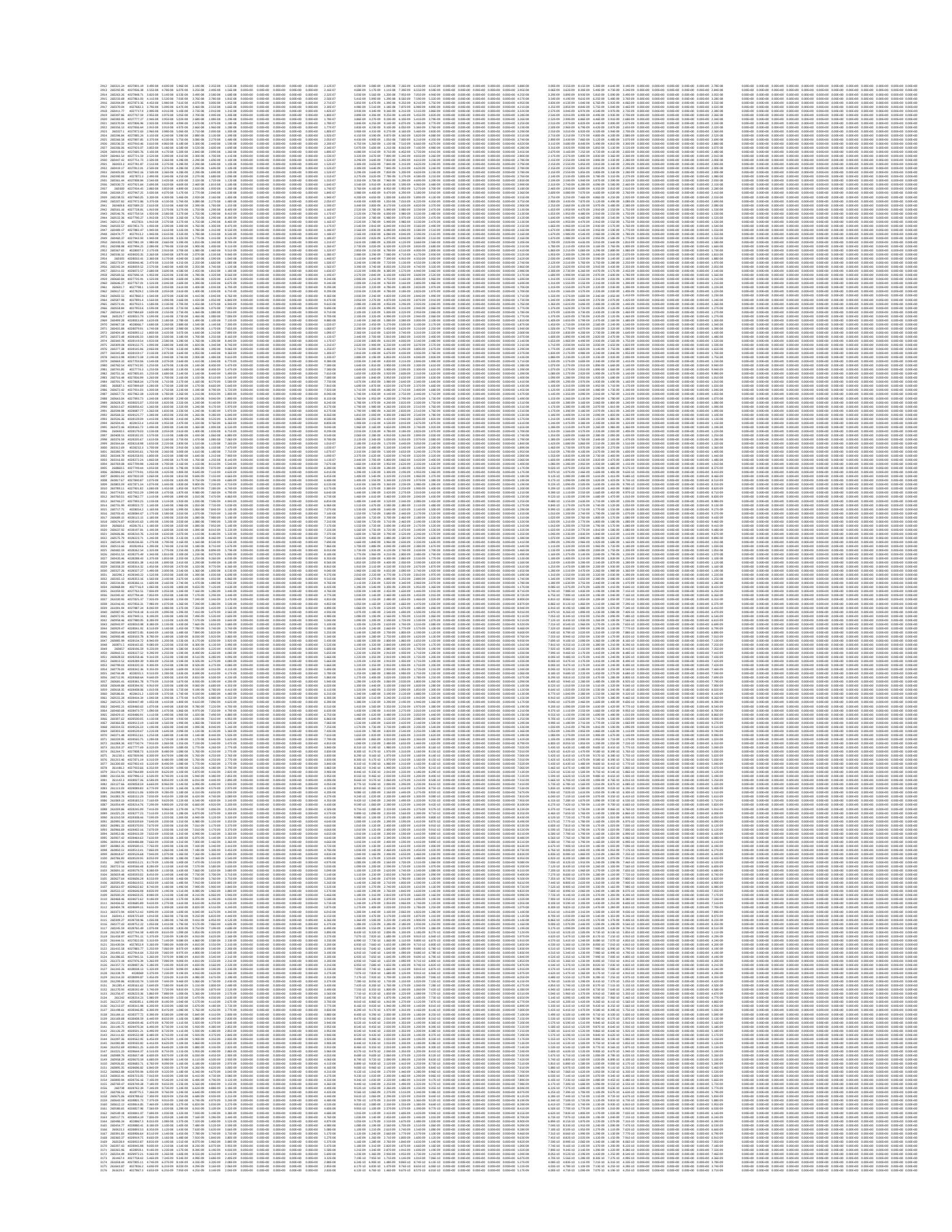


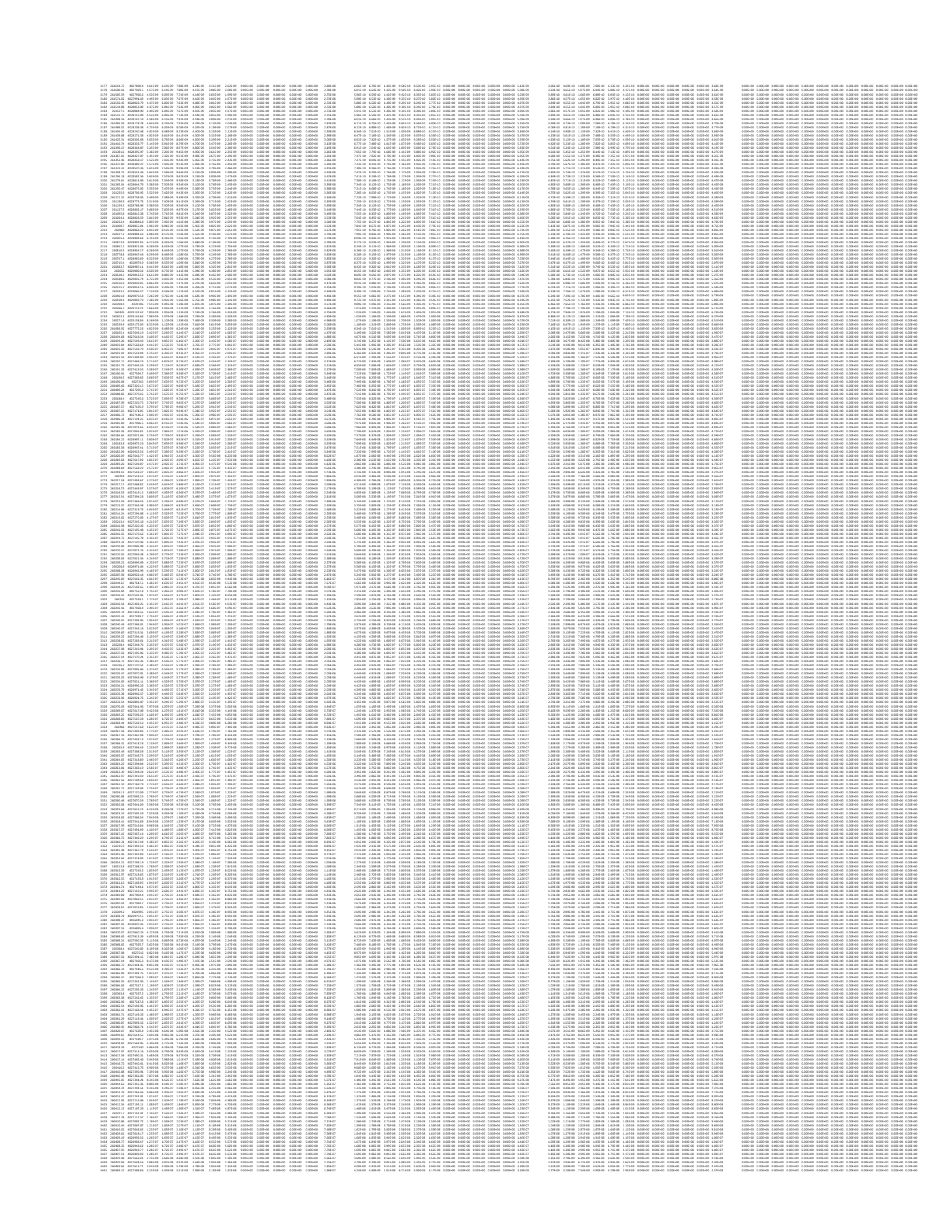


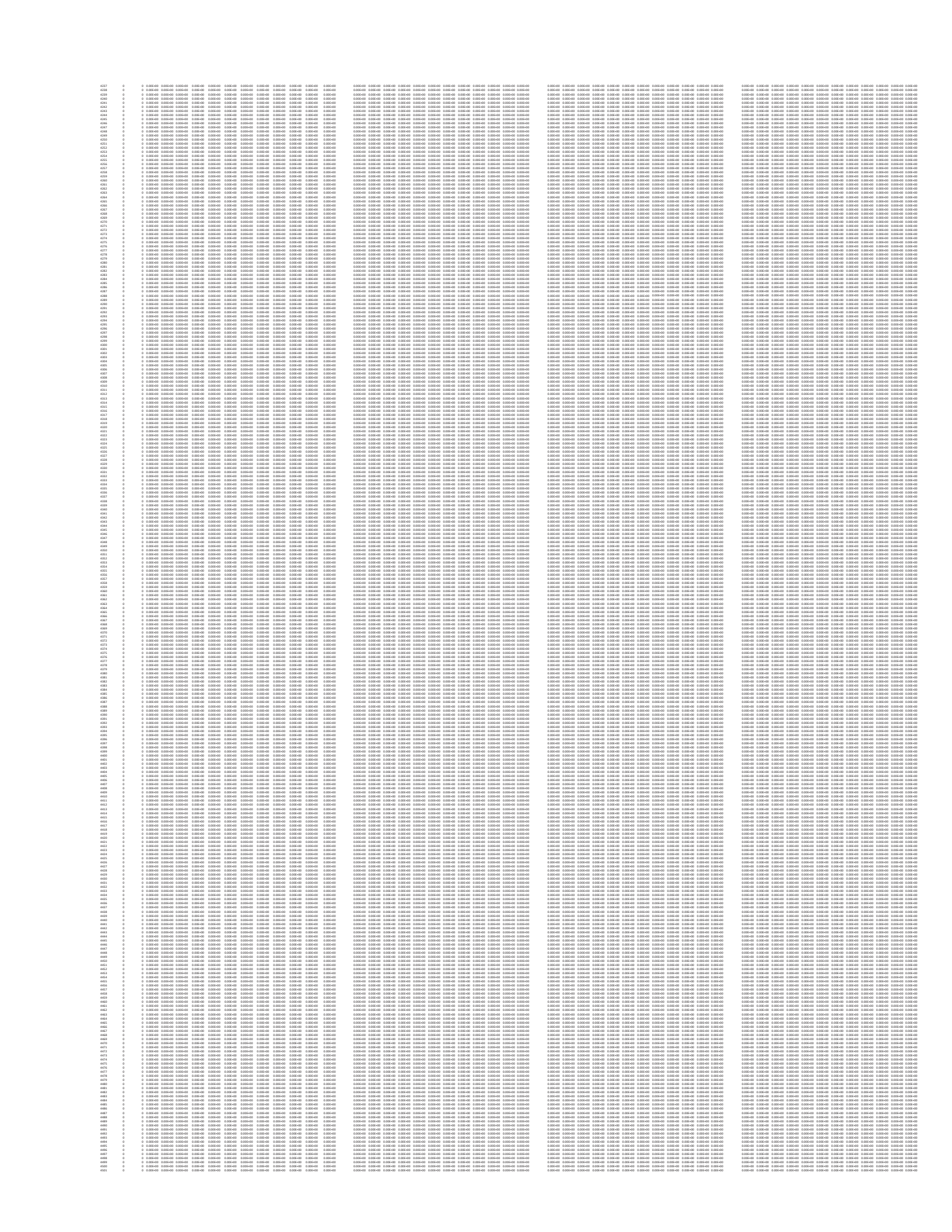


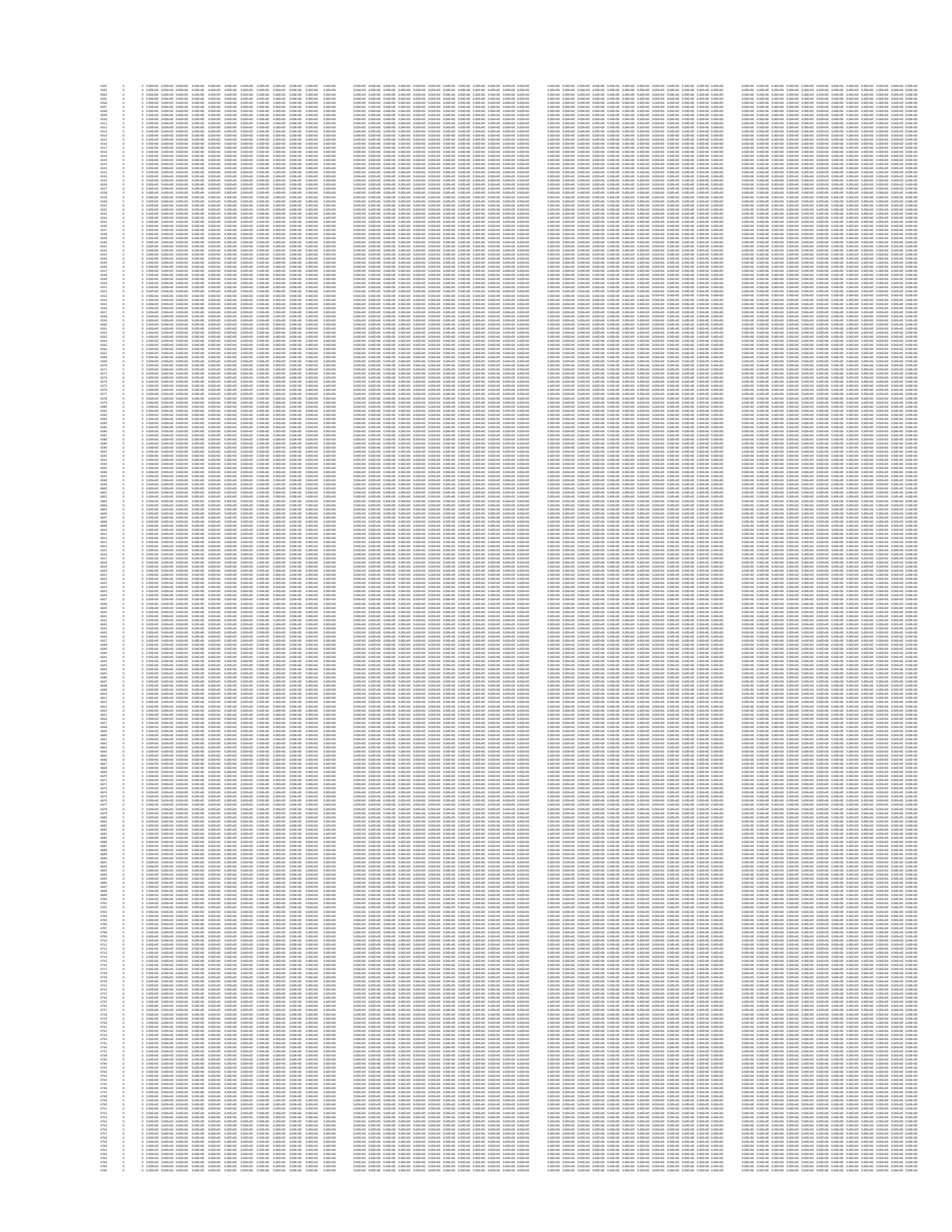


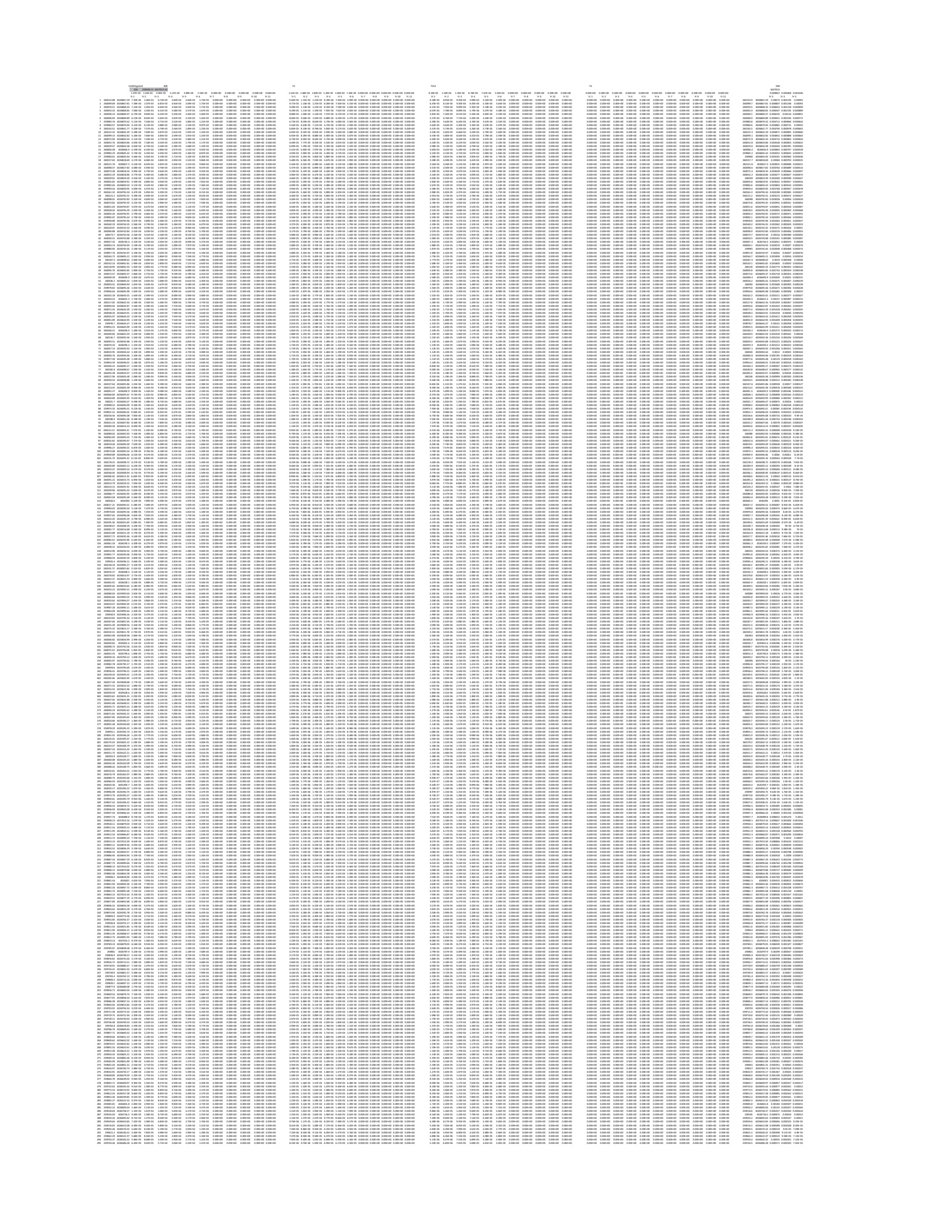


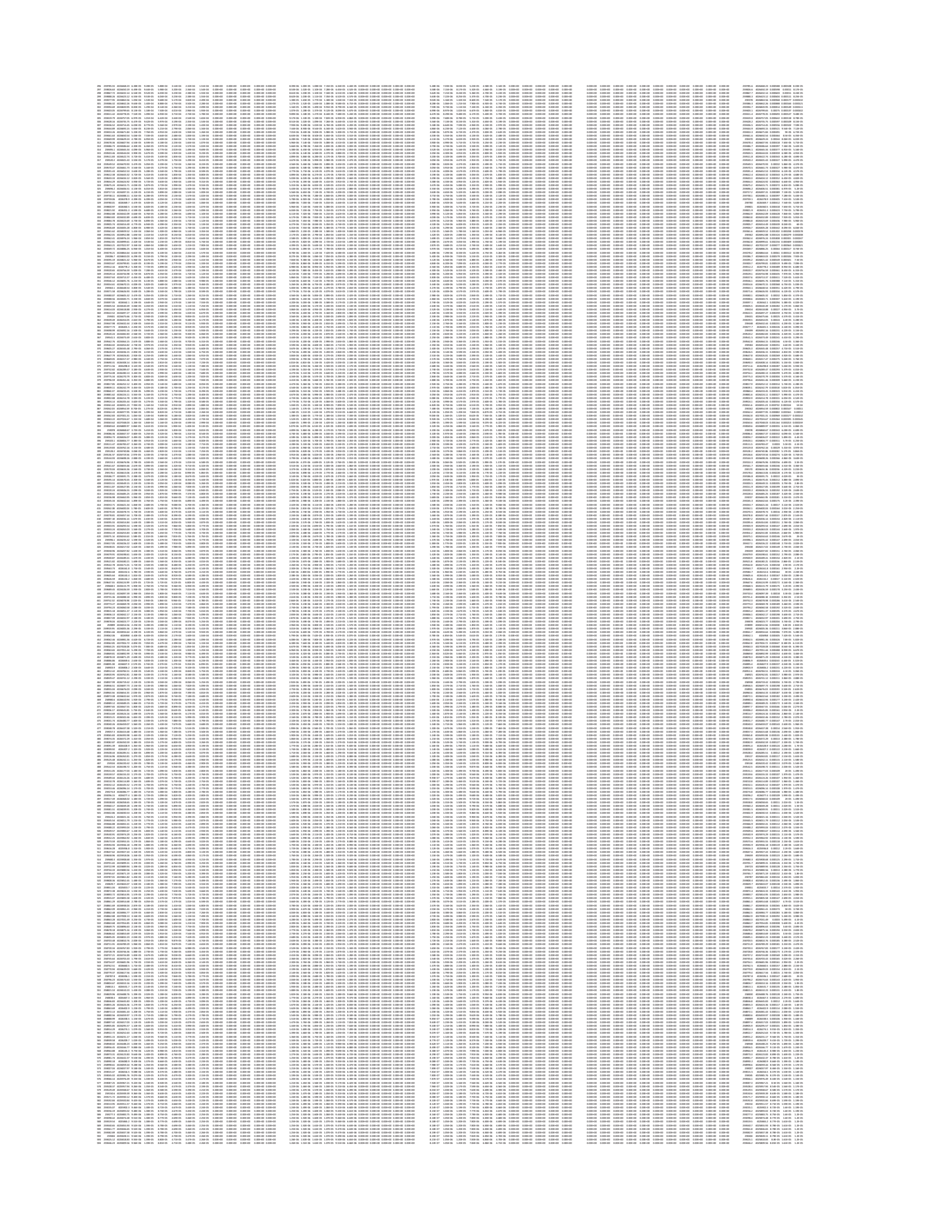


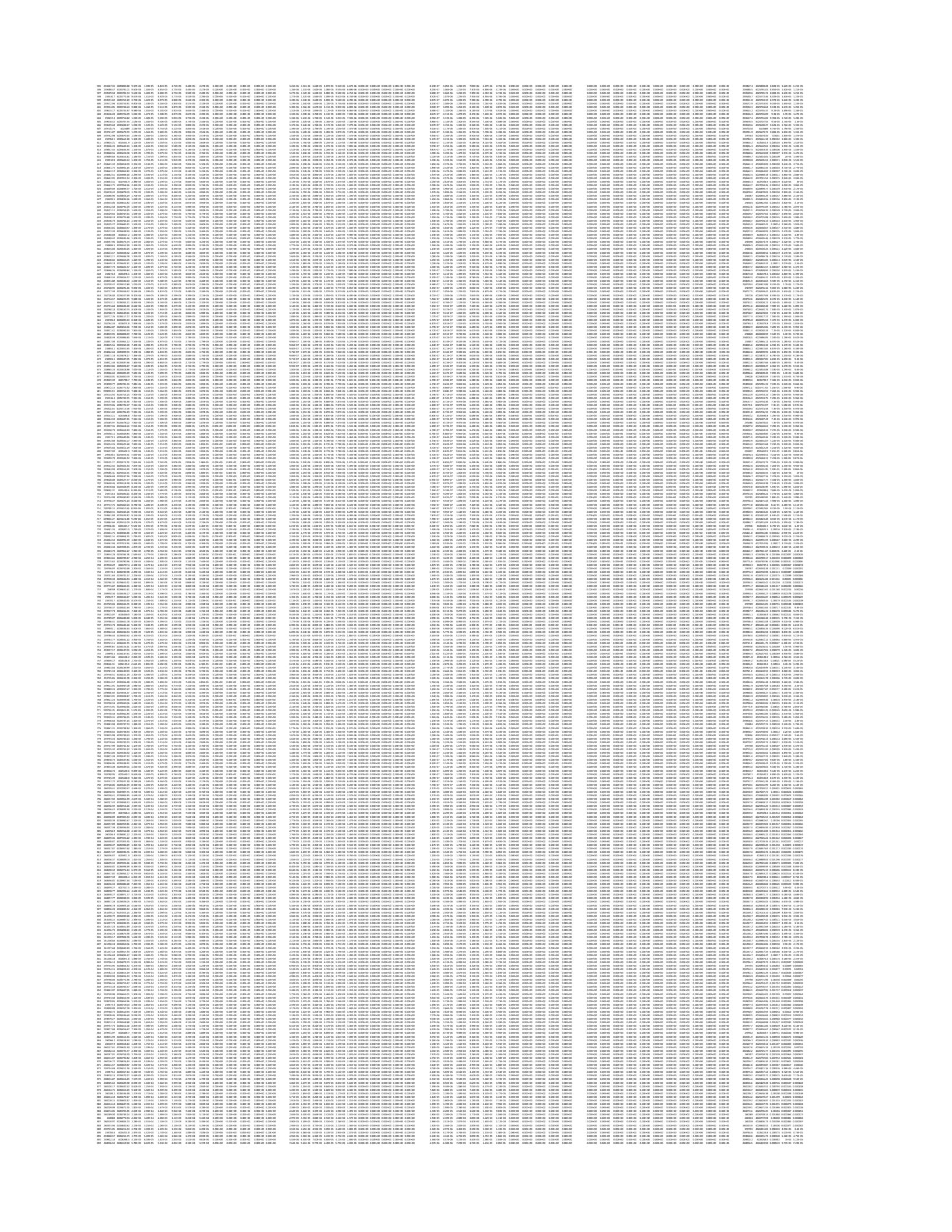


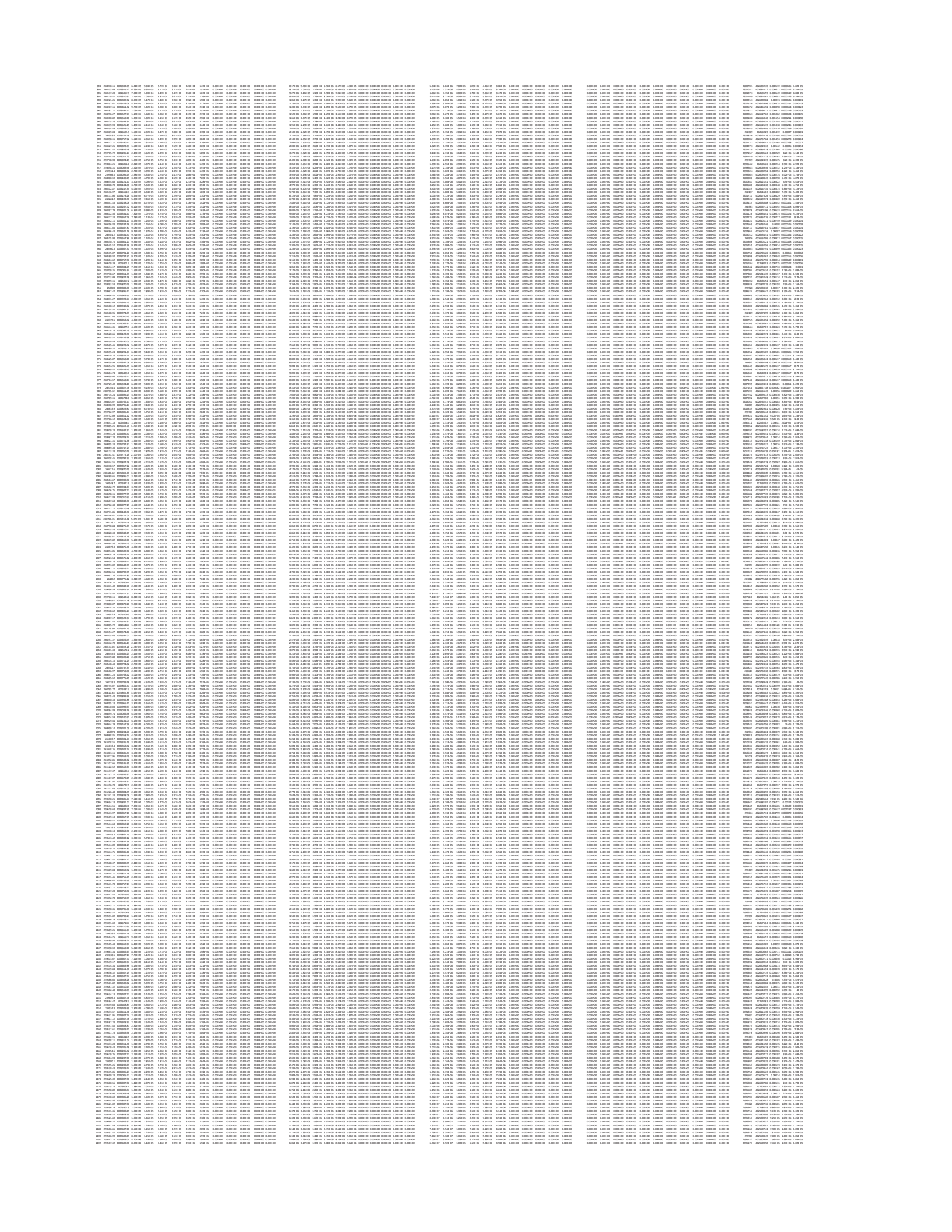


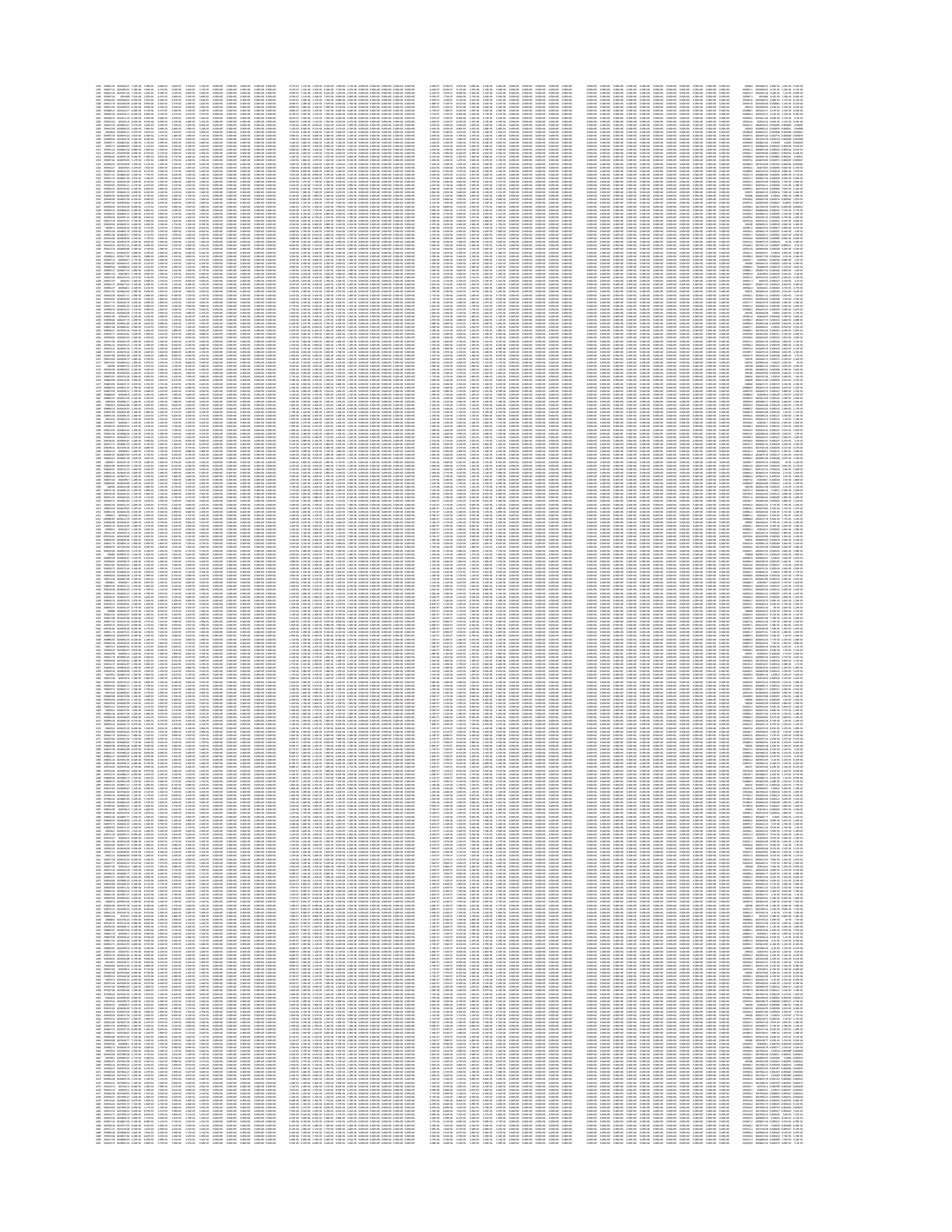


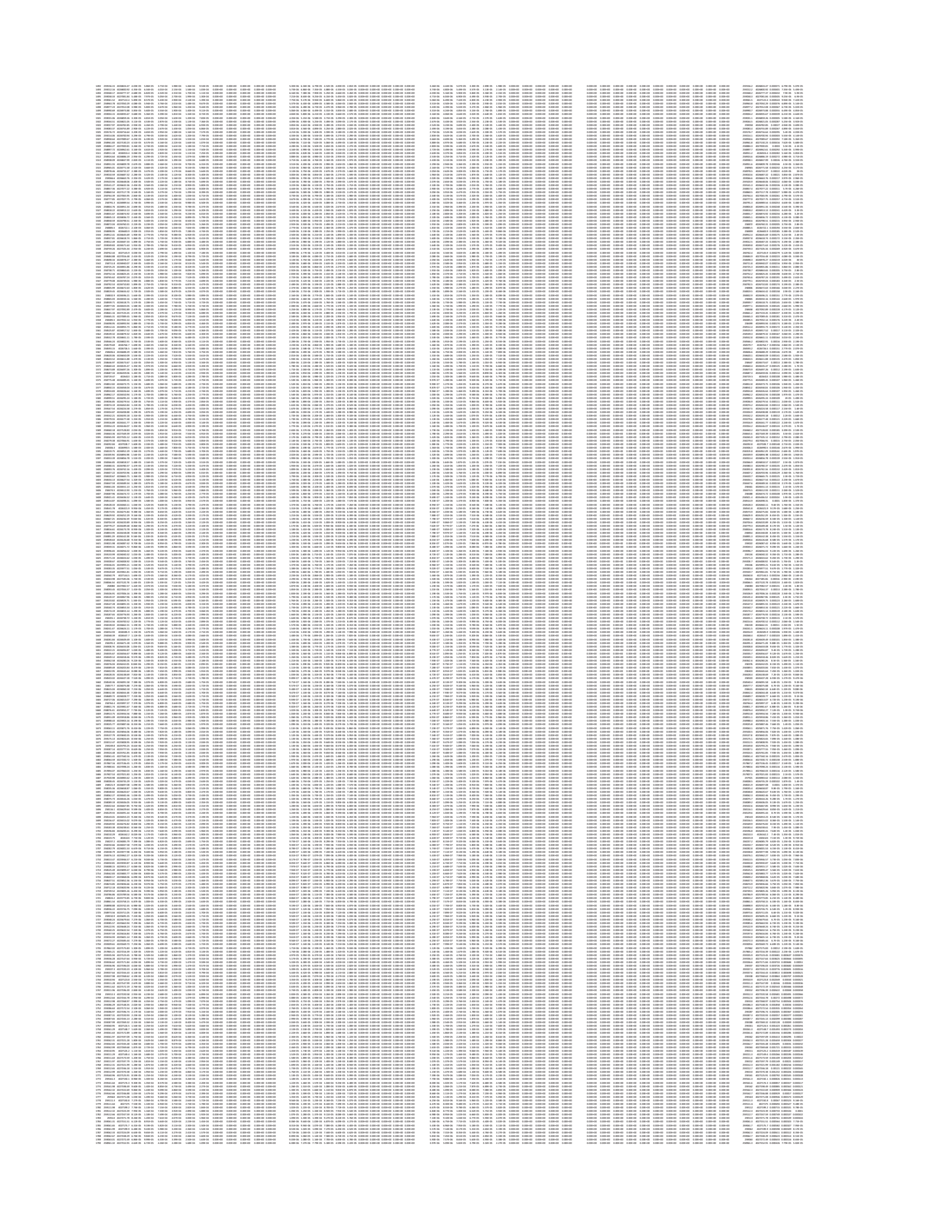


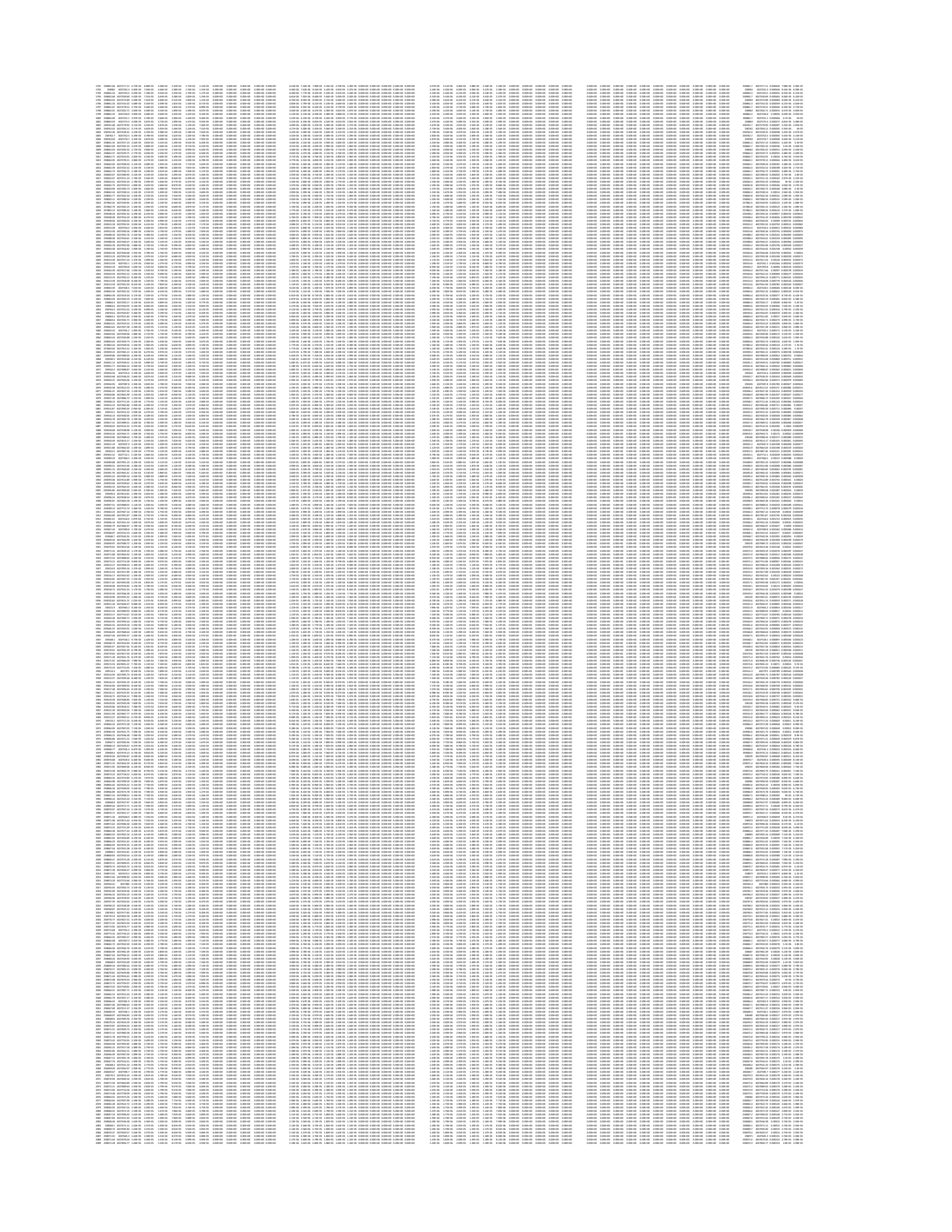


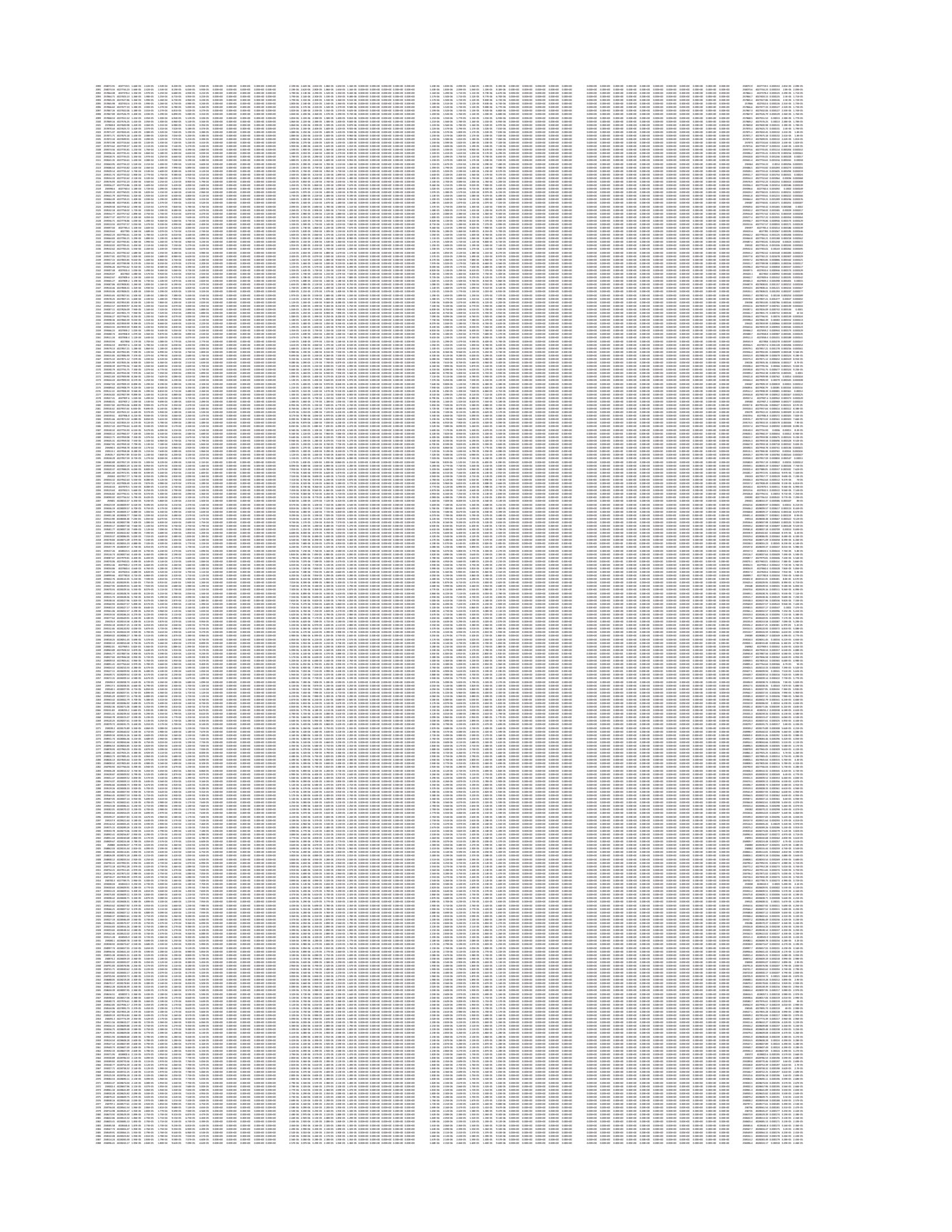


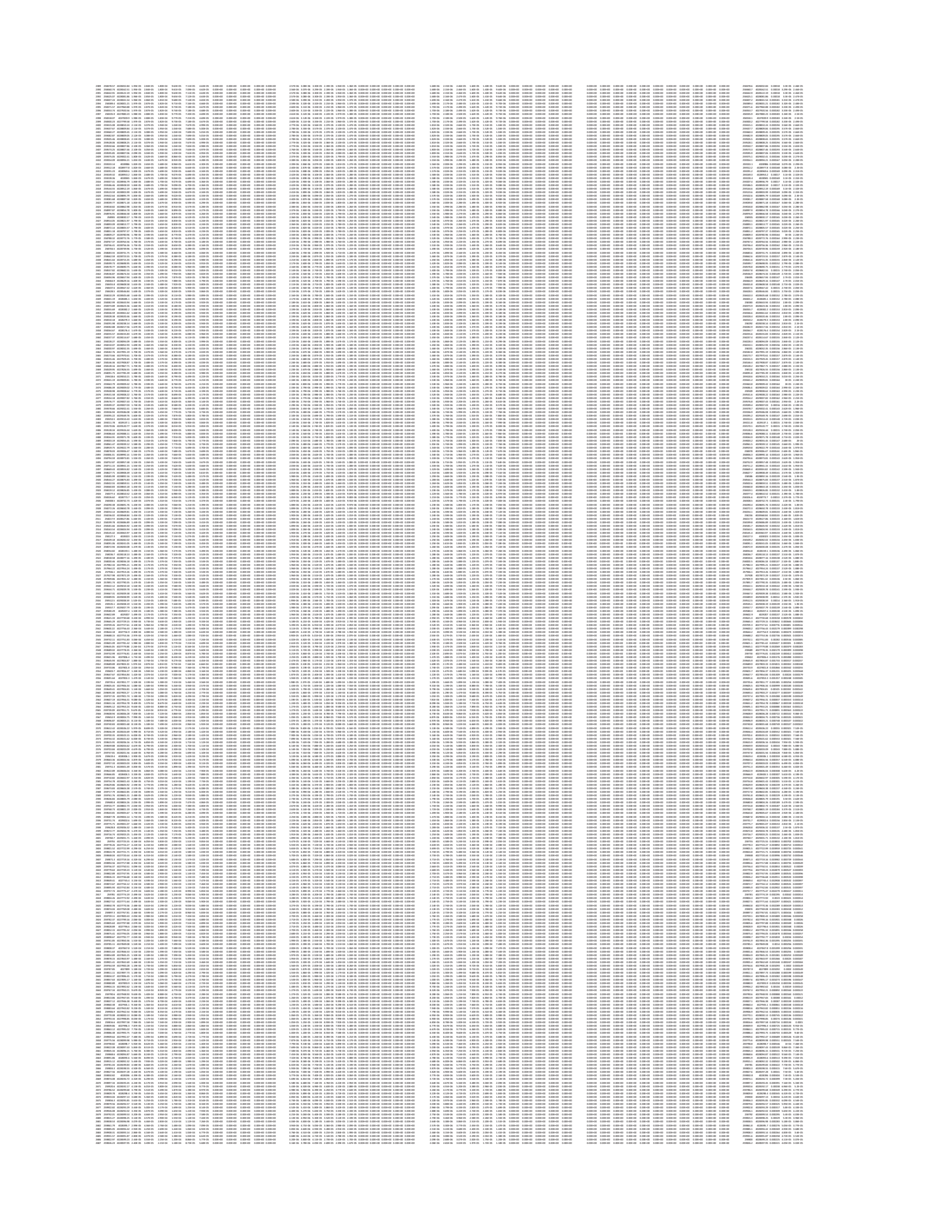


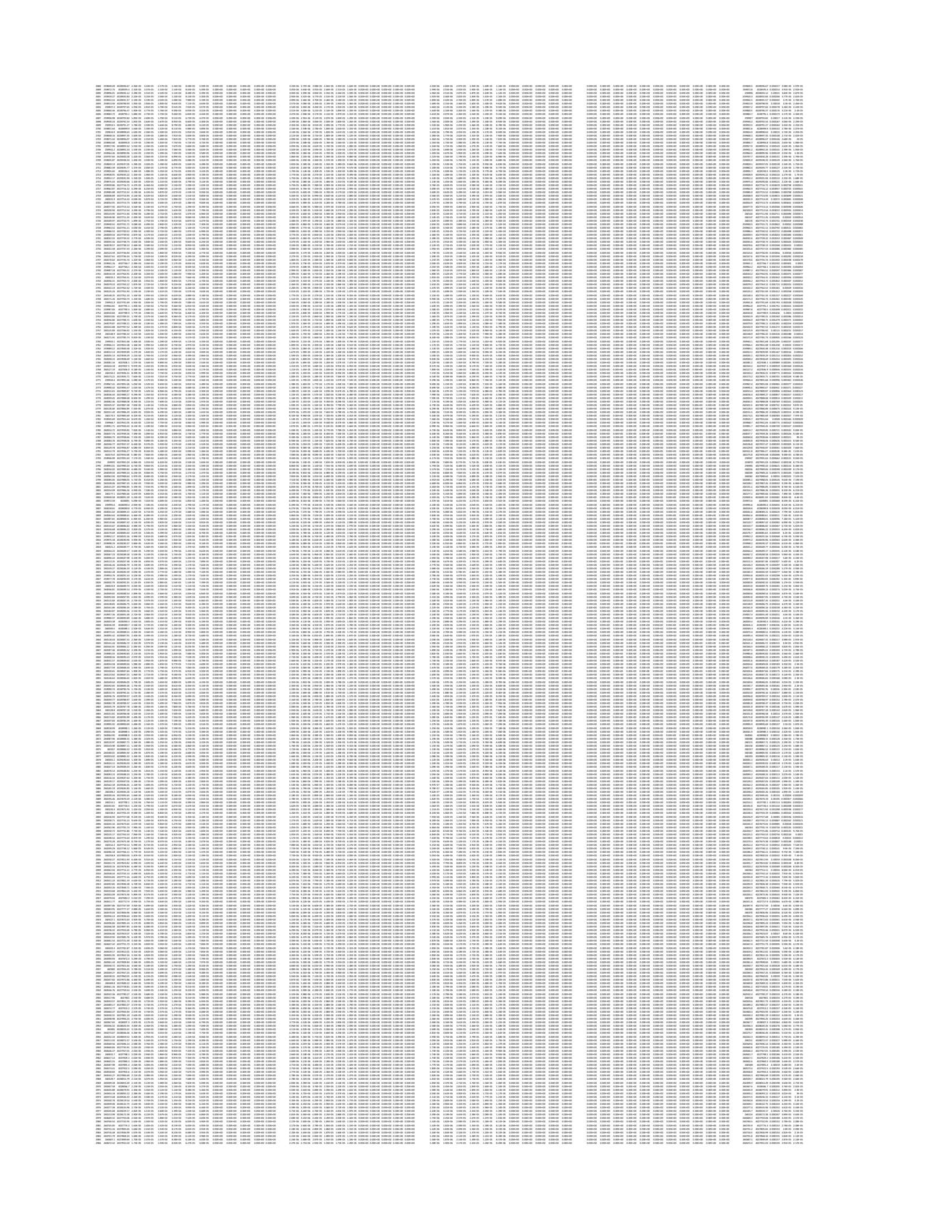


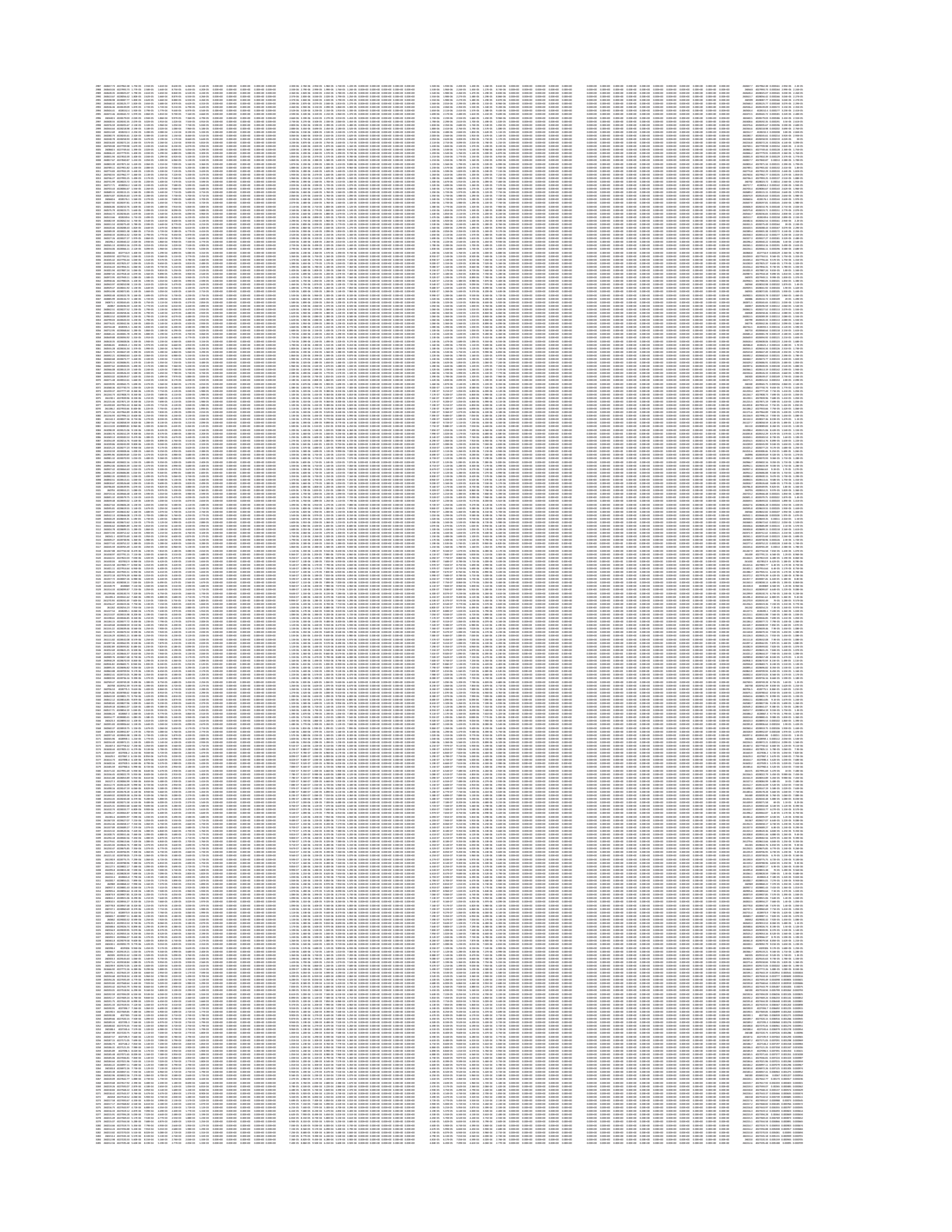


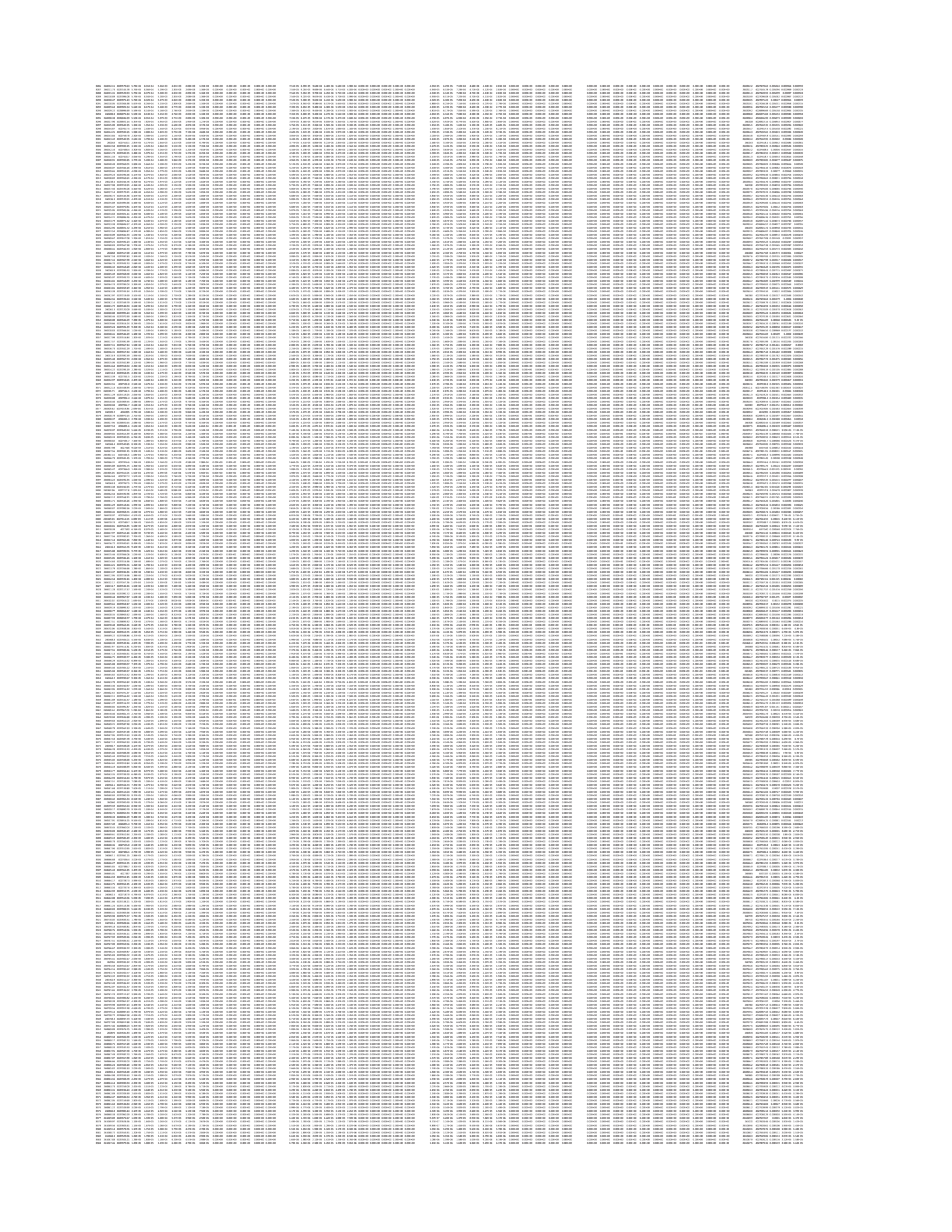


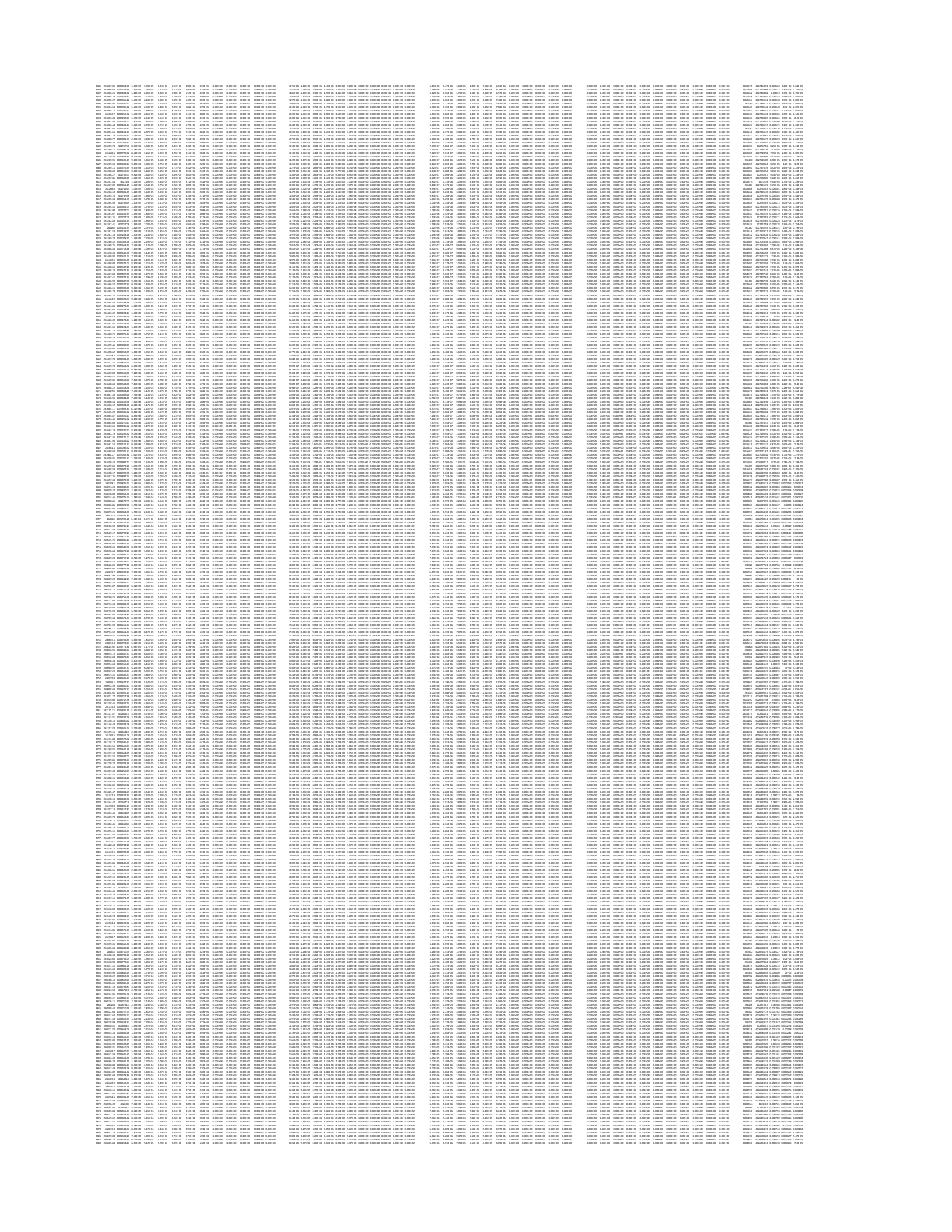


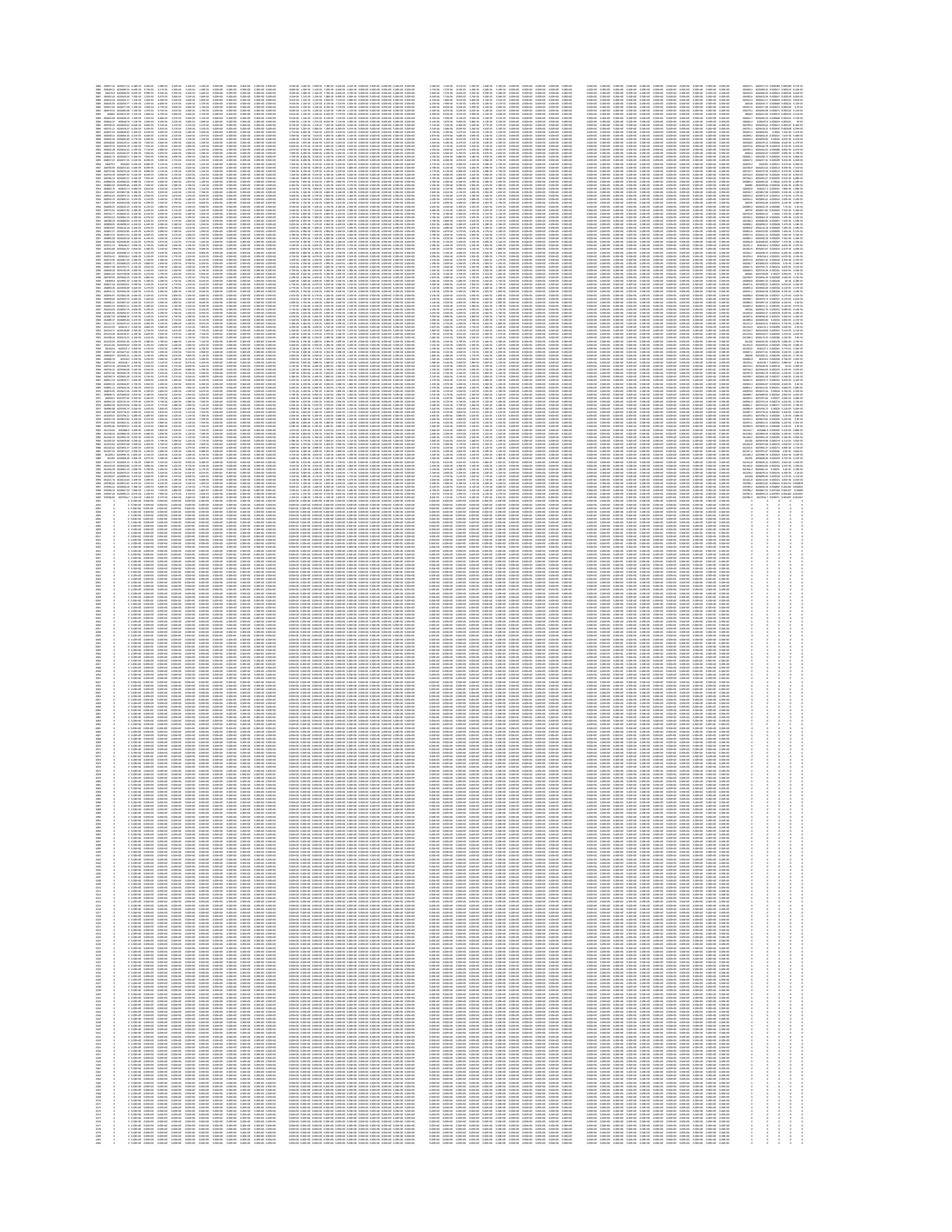


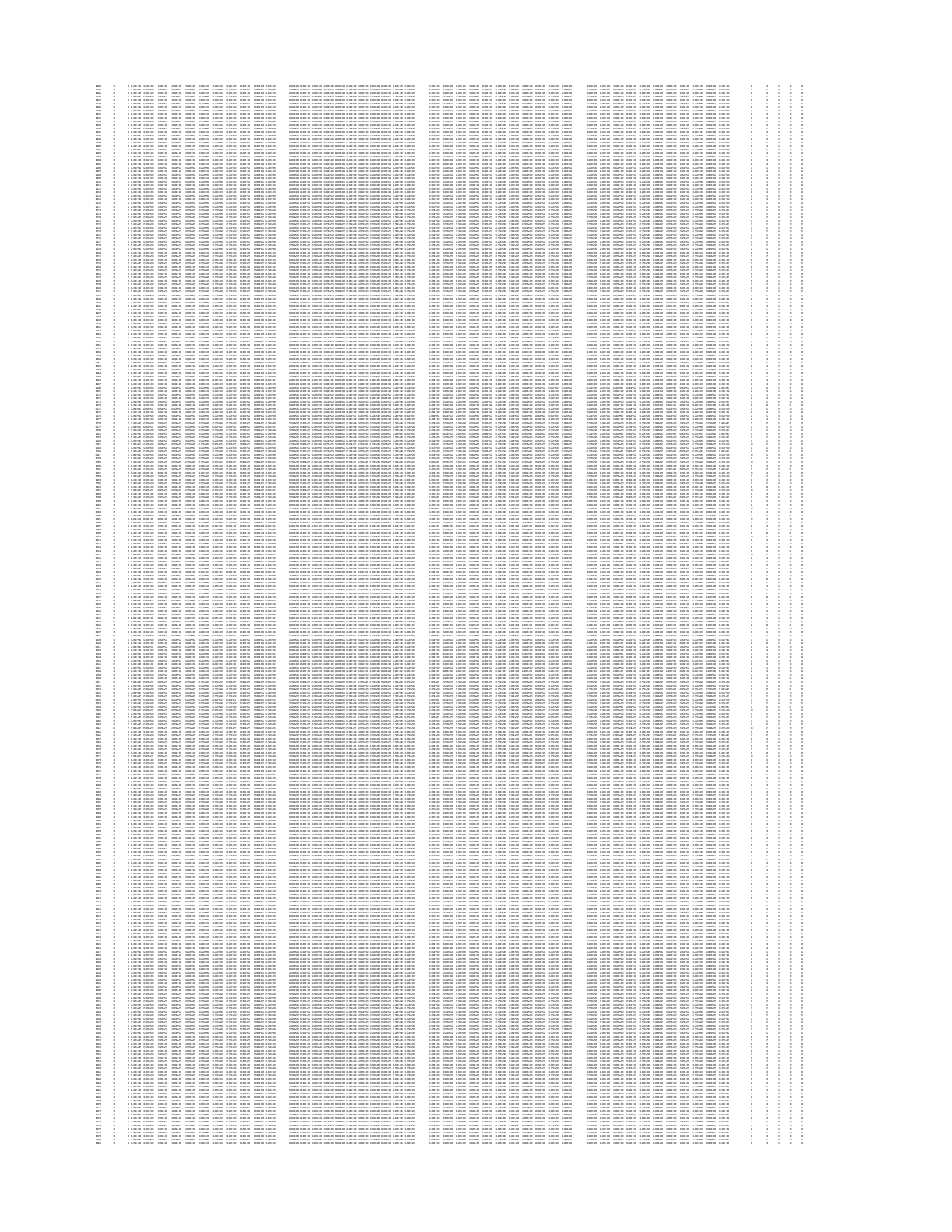


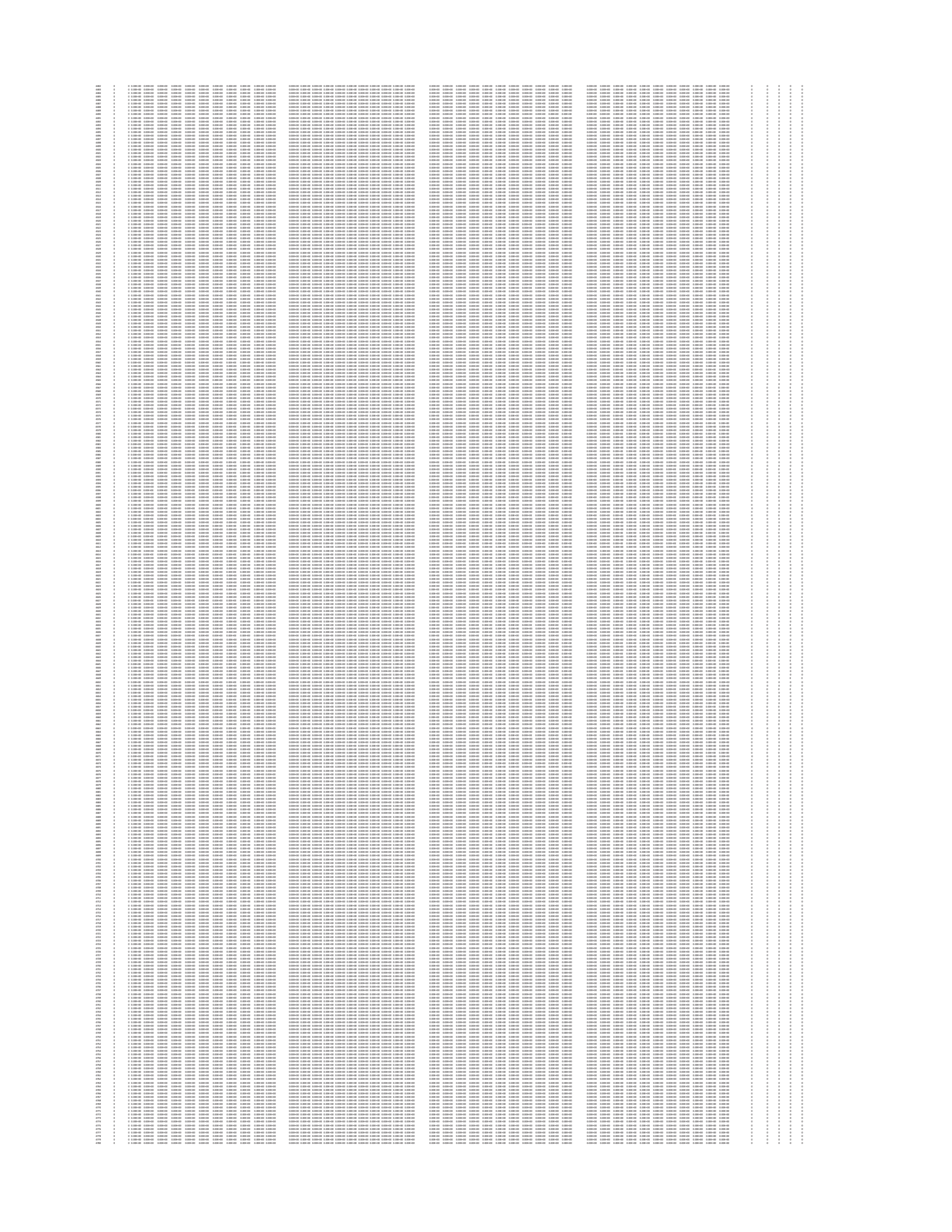


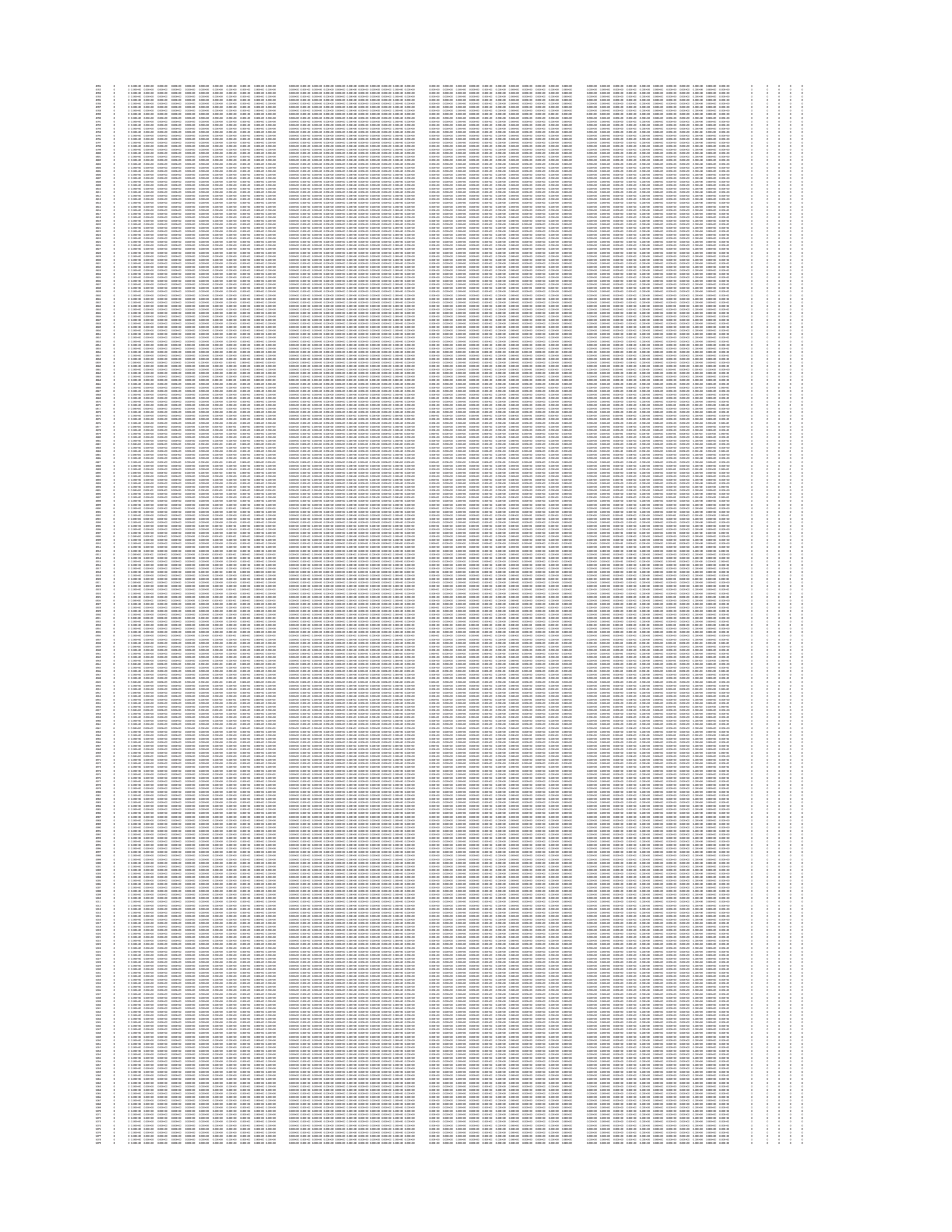


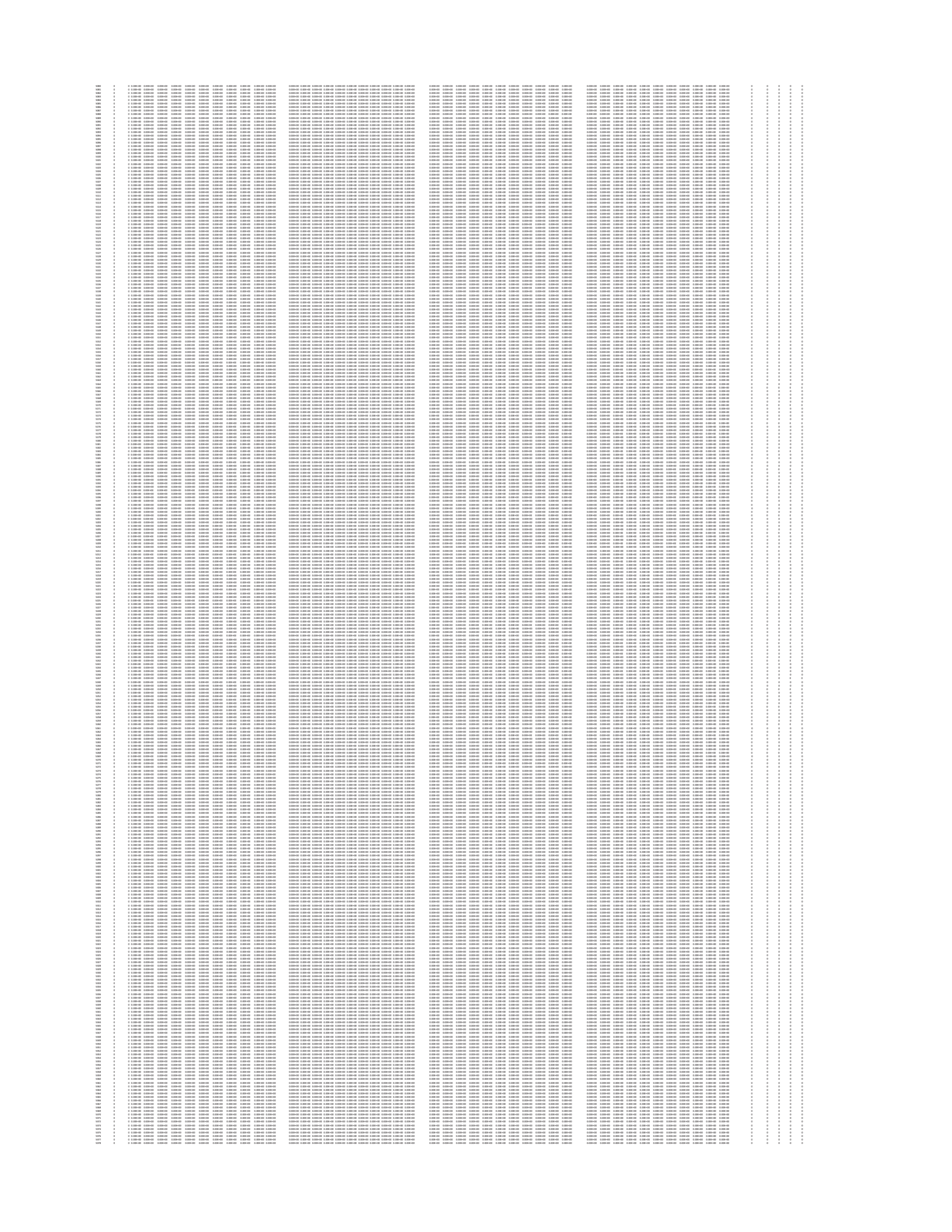


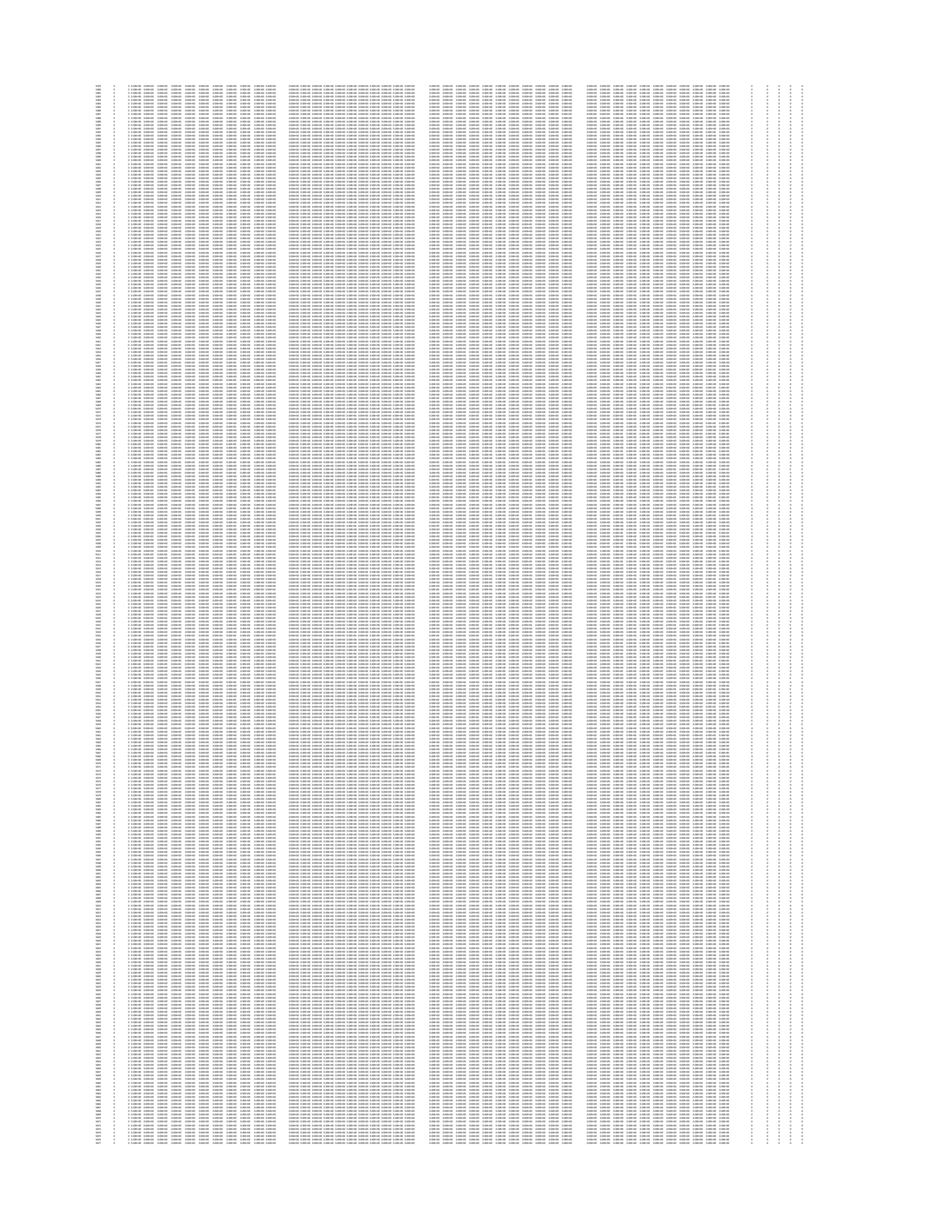


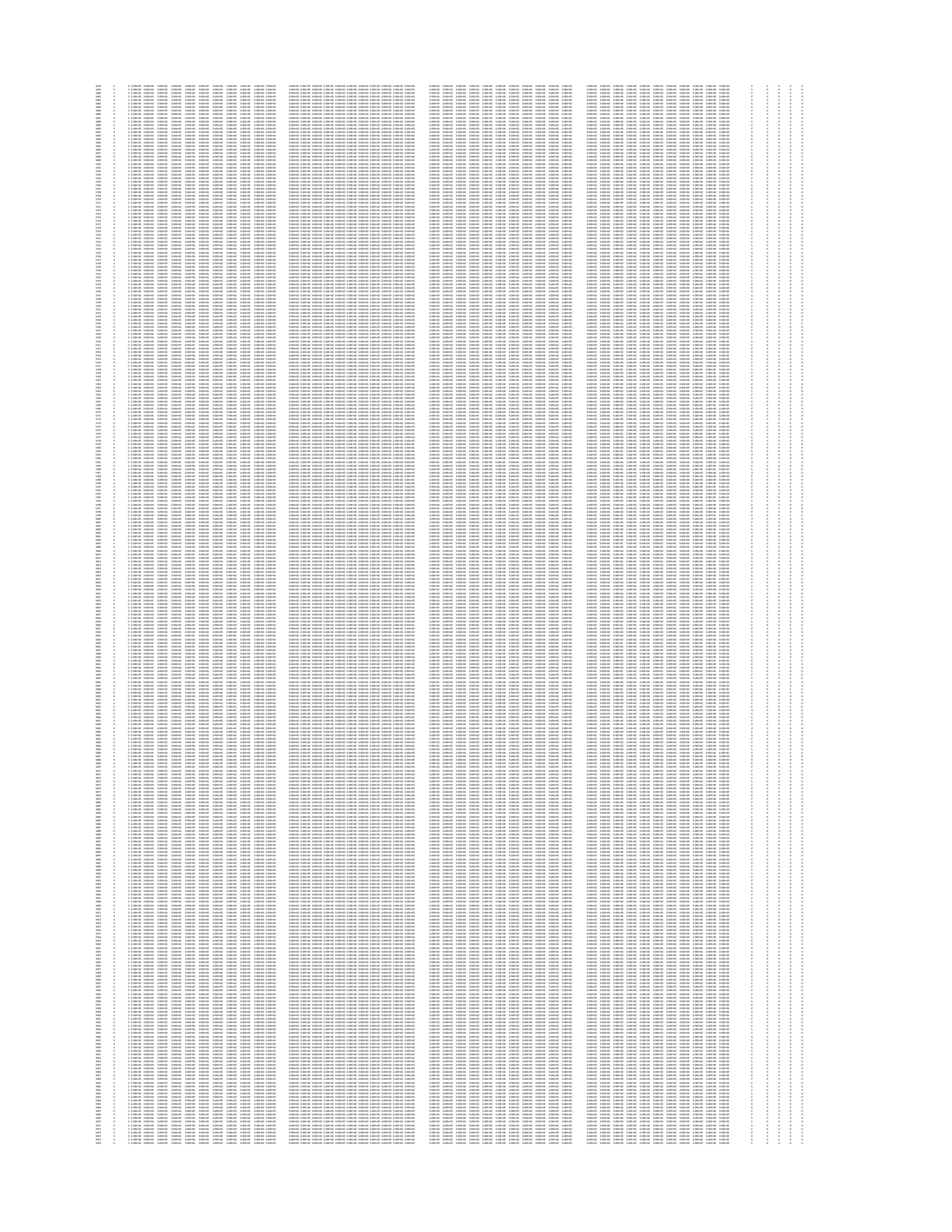


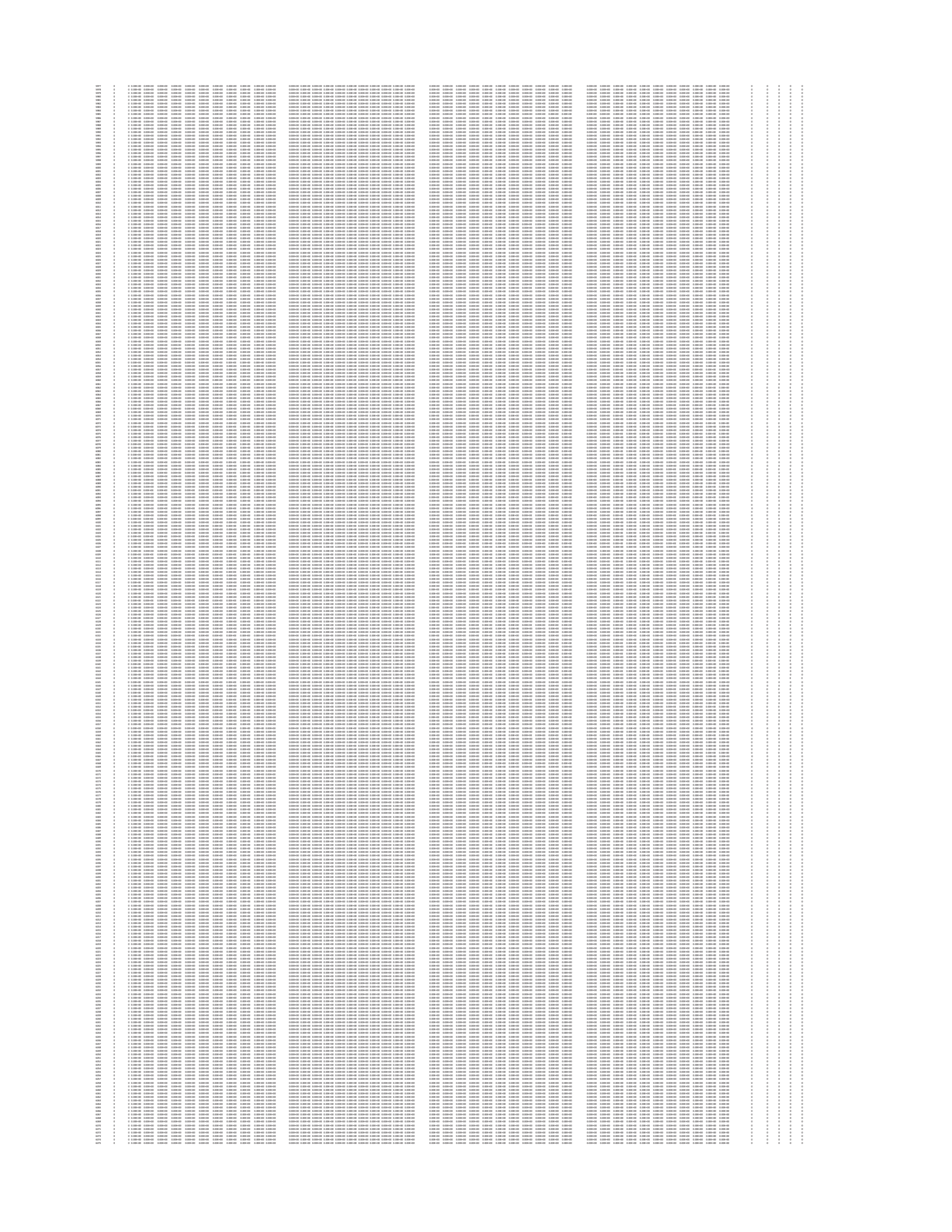


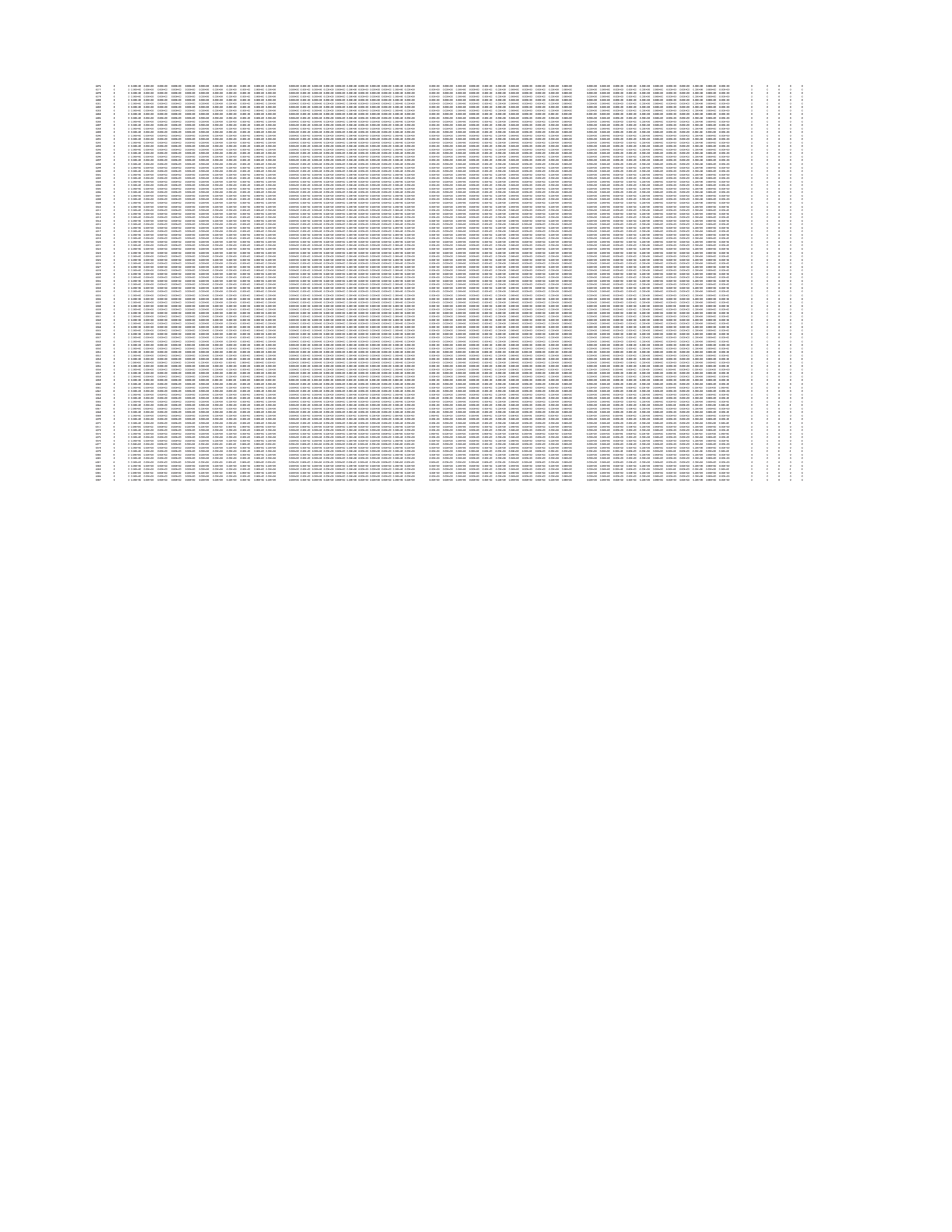












			204	259938.13	4027013.16	
	Max Yr	**3**	4.92E-02	9.01E-03	6.73E-03	0.00E+00
	Row	**34**	T2	T3L3	T4f	0
		Col	**3**	**4**	**5**	**6**
		Adjustment	**100%**	**18%**	**14%**	**0%**
			Year 3	Year 3	Year 3	Year 3
1	260122.9	4026867.29	3.36E-02	6.16E-03	4.60E-03	0.00E+00
2	260099.7	4026867.81	3.40E-02	6.23E-03	4.65E-03	0.00E+00
3	260076.5	4026868.33	3.33E-02	6.09E-03	4.55E-03	0.00E+00
4	260053.3	4026868.85	3.25E-02	5.96E-03	4.45E-03	0.00E+00
5	260030.1	4026869.37	3.11E-02	5.70E-03	4.25E-03	0.00E+00
6	260006.9	4026869.89	2.83E-02	5.17E-03	3.86E-03	0.00E+00
7	259983.8	4026870.42	2.36E-02	4.31E-03	3.22E-03	0.00E+00
8	259960.6	4026870.94	1.94E-02	3.55E-03	2.65E-03	0.00E+00
9	260145.5	4026841.77	2.40E-02	4.39E-03	3.28E-03	0.00E+00
10	260122.3	4026842.29	2.44E-02	4.46E-03	3.33E-03	0.00E+00
11	260099.1	4026842.82	2.43E-02	4.44E-03	3.32E-03	0.00E+00
12	260075.9	4026843.34	2.36E-02	4.32E-03	3.22E-03	0.00E+00
13	260052.8	4026843.86	2.27E-02	4.16E-03	3.11E-03	0.00E+00
14	260029.6	4026844.38	2.13E-02	3.90E-03	2.91E-03	0.00E+00
15	260006.4	4026844.9	1.93E-02	3.54E-03	2.64E-03	0.00E+00
16	259983.2	4026845.42	1.73E-02	3.16E-03	2.36E-03	0.00E+00
17	259960	4026845.94	1.60E-02	2.92E-03	2.18E-03	0.00E+00
18	260157.7	4026818.69	1.92E-02	3.52E-03	2.62E-03	0.00E+00
19	260121.8	4026817.3	1.91E-02	3.49E-03	2.61E-03	0.00E+00
20	260098.6	4026817.82	1.88E-02	3.45E-03	2.57E-03	0.00E+00
21	260075.4	4026818.34	1.82E-02	3.33E-03	2.49E-03	0.00E+00
22	260052.2	4026818.86	1.74E-02	3.18E-03	2.38E-03	0.00E+00
23	260029	4026819.39	1.63E-02	2.99E-03	2.23E-03	0.00E+00
24	260005.8	4026819.91	1.52E-02	2.78E-03	2.08E-03	0.00E+00
25	259982.6	4026820.43	1.43E-02	2.62E-03	1.96E-03	0.00E+00
26	259959.4	4026820.95	1.38E-02	2.53E-03	1.89E-03	0.00E+00
27	260161.3	4026794.34	1.60E-02	2.93E-03	2.19E-03	0.00E+00
28	260121.2	4026792.31	1.56E-02	2.86E-03	2.13E-03	0.00E+00
29	260098	4026792.83	1.53E-02	2.80E-03	2.09E-03	0.00E+00
30	260074.8	4026793.35	1.48E-02	2.71E-03	2.02E-03	0.00E+00
31	260051.6	4026793.87	1.42E-02	2.59E-03	1.93E-03	0.00E+00
32	260028.5	4026794.39	1.35E-02	2.47E-03	1.84E-03	0.00E+00
33	260005.3	4026794.91	1.29E-02	2.35E-03	1.76E-03	0.00E+00
34	259982.1	4026795.43	1.25E-02	2.28E-03	1.70E-03	0.00E+00
35	259958.9	4026795.96	1.23E-02	2.26E-03	1.68E-03	0.00E+00
36	260160.2	4026744.35	1.18E-02	2.16E-03	1.61E-03	0.00E+00
37	260120.1	4026742.32	1.14E-02	2.08E-03	1.55E-03	0.00E+00
38	260096.9	4026742.84	1.11E-02	2.03E-03	1.52E-03	0.00E+00
39	260073.7	4026743.36	1.08E-02	1.98E-03	1.48E-03	0.00E+00
40	260050.5	4026743.88	1.05E-02	1.92E-03	1.44E-03	0.00E+00

41	260027.3	4026744.4	1.03E-02	1.88E-03	1.40E-03	0.00E+00
42	260004.1	4026744.93	1.01E-02	1.85E-03	1.38E-03	0.00E+00
43	259981	4026745.45	1.00E-02	1.84E-03	1.37E-03	0.00E+00
44	259957.8	4026745.97	1.01E-02	1.85E-03	1.38E-03	0.00E+00
45	260164.7	4026695.21	9.29E-03	1.70E-03	1.27E-03	0.00E+00
46	260187.3	4026698.62	9.50E-03	1.74E-03	1.30E-03	0.00E+00
47	260142.1	4026691.81	9.01E-03	1.65E-03	1.23E-03	0.00E+00
48	260119	4026692.33	8.86E-03	1.62E-03	1.21E-03	0.00E+00
49	260095.8	4026692.85	8.71E-03	1.60E-03	1.19E-03	0.00E+00
50	260072.6	4026693.37	8.59E-03	1.57E-03	1.17E-03	0.00E+00
51	260049.4	4026693.9	8.47E-03	1.55E-03	1.16E-03	0.00E+00
52	260026.2	4026694.42	8.38E-03	1.53E-03	1.14E-03	0.00E+00
53	260003	4026694.94	8.34E-03	1.53E-03	1.14E-03	0.00E+00
54	259979.8	4026695.46	8.35E-03	1.53E-03	1.14E-03	0.00E+00
55	259956.6	4026695.98	8.41E-03	1.54E-03	1.15E-03	0.00E+00
56	260162.2	4026645.01	7.56E-03	1.38E-03	1.03E-03	0.00E+00
57	260204.5	4026651.4	7.85E-03	1.44E-03	1.07E-03	0.00E+00
58	260117.8	4026642.34	7.29E-03	1.34E-03	9.97E-04	0.00E+00
59	260094.6	4026642.87	7.21E-03	1.32E-03	9.86E-04	0.00E+00
60	260071.5	4026643.39	7.14E-03	1.31E-03	9.76E-04	0.00E+00
61	260048.3	4026643.91	7.09E-03	1.30E-03	9.69E-04	0.00E+00
62	260025.1	4026644.43	7.06E-03	1.29E-03	9.64E-04	0.00E+00
63	260001.9	4026644.95	7.05E-03	1.29E-03	9.63E-04	0.00E+00
64	259978.7	4026645.47	7.05E-03	1.29E-03	9.63E-04	0.00E+00
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66	260160.2	4026594.9	6.36E-03	1.16E-03	8.69E-04	0.00E+00
67	260200.9	4026601.03	6.59E-03	1.21E-03	9.00E-04	0.00E+00
68	260116.7	4026592.36	6.17E-03	1.13E-03	8.44E-04	0.00E+00
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70	260070.3	4026593.4	6.06E-03	1.11E-03	8.28E-04	0.00E+00
71	260047.1	4026593.92	6.03E-03	1.10E-03	8.24E-04	0.00E+00
72	260024	4026594.44	6.00E-03	1.10E-03	8.20E-04	0.00E+00
73	260000.8	4026594.96	5.97E-03	1.09E-03	8.16E-04	0.00E+00
74	259977.6	4026595.48	5.95E-03	1.09E-03	8.13E-04	0.00E+00
75	259954.4	4026596.01	5.91E-03	1.08E-03	8.08E-04	0.00E+00
76	260160.2	4026495.27	4.73E-03	8.67E-04	6.47E-04	0.00E+00
77	260182.8	4026498.67	4.83E-03	8.84E-04	6.60E-04	0.00E+00
78	260205.4	4026502.07	4.91E-03	9.00E-04	6.72E-04	0.00E+00
79	260228	4026505.48	4.99E-03	9.14E-04	6.82E-04	0.00E+00
80	260250.5	4026508.88	5.06E-03	9.26E-04	6.92E-04	0.00E+00
81	260137.6	4026491.86	4.64E-03	8.49E-04	6.34E-04	0.00E+00
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83	260091.3	4026492.9	4.54E-03	8.31E-04	6.21E-04	0.00E+00
84	260068.1	4026493.42	4.49E-03	8.22E-04	6.14E-04	0.00E+00
85	260044.9	4026493.95	4.43E-03	8.11E-04	6.05E-04	0.00E+00
86	260021.7	4026494.47	4.37E-03	8.01E-04	5.98E-04	0.00E+00
87	259998.5	4026494.99	4.32E-03	7.90E-04	5.90E-04	0.00E+00

88	259975.3	4026495.51	4.25E-03	7.78E-04	5.81E-04	0.00E+00
89	259952.1	4026496.03	4.17E-03	7.64E-04	5.70E-04	0.00E+00
90	260156.6	4026395.08	3.62E-03	6.63E-04	4.95E-04	0.00E+00
91	260198.9	4026401.46	3.77E-03	6.90E-04	5.15E-04	0.00E+00
92	260241.2	4026407.84	3.90E-03	7.14E-04	5.33E-04	0.00E+00
93	260283.6	4026414.23	4.00E-03	7.33E-04	5.47E-04	0.00E+00
94	260112.2	4026392.41	3.49E-03	6.39E-04	4.77E-04	0.00E+00
95	260089	4026392.93	3.43E-03	6.28E-04	4.69E-04	0.00E+00
96	260065.8	4026393.45	3.37E-03	6.17E-04	4.61E-04	0.00E+00
97	260042.6	4026393.97	3.31E-03	6.05E-04	4.52E-04	0.00E+00
98	260019.5	4026394.49	3.24E-03	5.93E-04	4.43E-04	0.00E+00
99	259996.3	4026395.01	3.17E-03	5.80E-04	4.33E-04	0.00E+00
100	259973.1	4026395.54	3.09E-03	5.66E-04	4.22E-04	0.00E+00
101	259949.9	4026396.06	3.00E-03	5.49E-04	4.10E-04	0.00E+00
102	260155.7	4026295.32	2.82E-03	5.16E-04	3.85E-04	0.00E+00
103	260178.3	4026298.72	2.89E-03	5.30E-04	3.95E-04	0.00E+00
104	260200.9	4026302.12	2.96E-03	5.43E-04	4.05E-04	0.00E+00
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111	260110	4026292.43	2.68E-03	4.91E-04	3.67E-04	0.00E+00
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113	260063.6	4026293.48	2.56E-03	4.69E-04	3.50E-04	0.00E+00
114	260040.4	4026294	2.50E-03	4.58E-04	3.42E-04	0.00E+00
115	260017.2	4026294.52	2.43E-03	4.46E-04	3.33E-04	0.00E+00
116	259994	4026295.04	2.37E-03	4.33E-04	3.23E-04	0.00E+00
117	259970.8	4026295.56	2.30E-03	4.20E-04	3.14E-04	0.00E+00
118	259947.7	4026296.08	2.22E-03	4.07E-04	3.04E-04	0.00E+00
119	260152.5	4026195.19	2.21E-03	4.05E-04	3.02E-04	0.00E+00
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121	260238.7	4026208.18	2.46E-03	4.50E-04	3.36E-04	0.00E+00
122	260281.8	4026214.68	2.56E-03	4.69E-04	3.50E-04	0.00E+00
123	260324.9	4026221.18	2.65E-03	4.86E-04	3.62E-04	0.00E+00
124	260107.7	4026192.46	2.09E-03	3.83E-04	2.86E-04	0.00E+00
125	260084.5	4026192.98	2.04E-03	3.74E-04	2.79E-04	0.00E+00
126	260061.3	4026193.5	1.98E-03	3.63E-04	2.71E-04	0.00E+00
127	260038.2	4026194.02	1.93E-03	3.53E-04	2.63E-04	0.00E+00
128	260015	4026194.54	1.87E-03	3.42E-04	2.55E-04	0.00E+00
129	259991.8	4026195.06	1.81E-03	3.31E-04	2.47E-04	0.00E+00
130	259968.6	4026195.59	1.75E-03	3.21E-04	2.39E-04	0.00E+00
131	259945.4	4026196.11	1.69E-03	3.09E-04	2.31E-04	0.00E+00
132	260148.2	4025995.27	1.43E-03	2.61E-04	1.95E-04	0.00E+00
133	260191.7	4026001.84	1.53E-03	2.79E-04	2.09E-04	0.00E+00
134	260235.3	4026008.4	1.62E-03	2.97E-04	2.22E-04	0.00E+00

135	260278.8	4026014.97	1.71E-03	3.13E-04	2.34E-04	0.00E+00
136	260322.4	4026021.53	1.79E-03	3.28E-04	2.45E-04	0.00E+00
137	260365.9	4026028.1	1.86E-03	3.41E-04	2.54E-04	0.00E+00
138	260409.5	4026034.66	1.93E-03	3.53E-04	2.63E-04	0.00E+00
139	260103.2	4025992.51	1.34E-03	2.45E-04	1.83E-04	0.00E+00
140	260080	4025993.03	1.30E-03	2.38E-04	1.78E-04	0.00E+00
141	260056.8	4025993.55	1.26E-03	2.31E-04	1.73E-04	0.00E+00
142	260033.7	4025994.07	1.22E-03	2.24E-04	1.67E-04	0.00E+00
143	260010.5	4025994.59	1.18E-03	2.17E-04	1.62E-04	0.00E+00
144	259987.3	4025995.11	1.14E-03	2.10E-04	1.56E-04	0.00E+00
145	259964.1	4025995.64	1.11E-03	2.03E-04	1.51E-04	0.00E+00
146	259940.9	4025996.16	1.07E-03	1.96E-04	1.46E-04	0.00E+00
147	260143.8	4025795.34	9.87E-04	1.81E-04	1.35E-04	0.00E+00
148	260187.7	4025801.95	1.05E-03	1.93E-04	1.44E-04	0.00E+00
149	260231.5	4025808.56	1.12E-03	2.06E-04	1.53E-04	0.00E+00
150	260275.3	4025815.17	1.19E-03	2.18E-04	1.63E-04	0.00E+00
151	260319.2	4025821.78	1.26E-03	2.30E-04	1.72E-04	0.00E+00
152	260363	4025828.38	1.32E-03	2.42E-04	1.80E-04	0.00E+00
153	260406.8	4025834.99	1.38E-03	2.52E-04	1.88E-04	0.00E+00
154	260450.7	4025841.6	1.43E-03	2.62E-04	1.96E-04	0.00E+00
155	260098.7	4025792.56	9.25E-04	1.69E-04	1.26E-04	0.00E+00
156	260075.5	4025793.08	8.99E-04	1.65E-04	1.23E-04	0.00E+00
157	260052.4	4025793.6	8.72E-04	1.60E-04	1.19E-04	0.00E+00
158	260029.2	4025794.12	8.45E-04	1.55E-04	1.16E-04	0.00E+00
159	260006	4025794.64	8.19E-04	1.50E-04	1.12E-04	0.00E+00
160	259982.8	4025795.17	7.94E-04	1.45E-04	1.09E-04	0.00E+00
161	259959.6	4025795.69	7.71E-04	1.41E-04	1.05E-04	0.00E+00
162	259936.4	4025796.21	7.47E-04	1.37E-04	1.02E-04	0.00E+00
163	260139.4	4025595.41	7.24E-04	1.33E-04	9.90E-05	0.00E+00
164	260183.5	4025602.05	7.70E-04	1.41E-04	1.05E-04	0.00E+00
165	260227.5	4025608.68	8.18E-04	1.50E-04	1.12E-04	0.00E+00
166	260271.5	4025615.32	8.68E-04	1.59E-04	1.19E-04	0.00E+00
167	260315.6	4025621.96	9.18E-04	1.68E-04	1.25E-04	0.00E+00
168	260359.6	4025628.6	9.66E-04	1.77E-04	1.32E-04	0.00E+00
169	260403.6	4025635.24	1.01E-03	1.86E-04	1.39E-04	0.00E+00
170	260447.7	4025641.88	1.06E-03	1.94E-04	1.45E-04	0.00E+00
171	260491.7	4025648.51	1.10E-03	2.02E-04	1.51E-04	0.00E+00
172	260535.7	4025655.15	1.14E-03	2.10E-04	1.56E-04	0.00E+00
173	260094.2	4025592.61	6.82E-04	1.25E-04	9.33E-05	0.00E+00
174	260071	4025593.13	6.63E-04	1.21E-04	9.06E-05	0.00E+00
175	260047.9	4025593.65	6.45E-04	1.18E-04	8.81E-05	0.00E+00
176	260024.7	4025594.17	6.27E-04	1.15E-04	8.57E-05	0.00E+00
177	260001.5	4025594.69	6.10E-04	1.12E-04	8.34E-05	0.00E+00
178	259978.3	4025595.22	5.94E-04	1.09E-04	8.11E-05	0.00E+00
179	259955.1	4025595.74	5.77E-04	1.06E-04	7.89E-05	0.00E+00
180	259931.9	4025596.26	5.61E-04	1.03E-04	7.67E-05	0.00E+00
181	260135	4025395.47	5.62E-04	1.03E-04	7.68E-05	0.00E+00

182	260179.2	4025402.13	5.96E-04	1.09E-04	8.14E-05	0.00E+00
183	260223.4	4025408.79	6.31E-04	1.16E-04	8.62E-05	0.00E+00
184	260267.5	4025415.45	6.66E-04	1.22E-04	9.11E-05	0.00E+00
185	260311.7	4025422.11	7.02E-04	1.29E-04	9.60E-05	0.00E+00
186	260355.9	4025428.77	7.38E-04	1.35E-04	1.01E-04	0.00E+00
187	260400.1	4025435.43	7.74E-04	1.42E-04	1.06E-04	0.00E+00
188	260444.3	4025442.09	8.08E-04	1.48E-04	1.10E-04	0.00E+00
189	260488.4	4025448.75	8.43E-04	1.54E-04	1.15E-04	0.00E+00
190	260532.6	4025455.41	8.78E-04	1.61E-04	1.20E-04	0.00E+00
191	260576.8	4025462.07	9.12E-04	1.67E-04	1.25E-04	0.00E+00
192	260089.7	4025392.66	5.32E-04	9.75E-05	7.27E-05	0.00E+00
193	260066.5	4025393.18	5.19E-04	9.49E-05	7.09E-05	0.00E+00
194	260043.4	4025393.7	5.06E-04	9.26E-05	6.91E-05	0.00E+00
195	260020.2	4025394.22	4.93E-04	9.03E-05	6.74E-05	0.00E+00
196	259997	4025394.75	4.81E-04	8.80E-05	6.57E-05	0.00E+00
197	259973.8	4025395.27	4.69E-04	8.58E-05	6.41E-05	0.00E+00
198	259950.6	4025395.79	4.57E-04	8.37E-05	6.24E-05	0.00E+00
199	259927.4	4025396.31	4.46E-04	8.16E-05	6.09E-05	0.00E+00
200	259936.5	4026919.72	2.54E-02	4.66E-03	3.47E-03	0.00E+00
201	259936.9	4026943.08	2.96E-02	5.42E-03	4.05E-03	0.00E+00
202	259937.3	4026966.44	3.43E-02	6.27E-03	4.68E-03	0.00E+00
203	259937.7	4026989.8	4.03E-02	7.37E-03	5.50E-03	0.00E+00
204	259938.1	4027013.16	4.92E-02	9.01E-03	6.73E-03	0.00E+00
205	259918.1	4026879.03	1.81E-02	3.31E-03	2.47E-03	0.00E+00
206	259911.5	4026920.14	2.25E-02	4.12E-03	3.08E-03	0.00E+00
207	259911.9	4026943.51	2.58E-02	4.72E-03	3.52E-03	0.00E+00
208	259912.3	4026966.87	2.99E-02	5.47E-03	4.08E-03	0.00E+00
209	259912.7	4026990.23	3.55E-02	6.50E-03	4.85E-03	0.00E+00
210	259913.1	4027013.59	4.43E-02	8.12E-03	6.06E-03	0.00E+00
211	259893.1	4026879.46	1.80E-02	3.30E-03	2.46E-03	0.00E+00
212	259924.5	4026836.29	1.47E-02	2.69E-03	2.01E-03	0.00E+00
213	259886.5	4026920.57	2.18E-02	3.99E-03	2.98E-03	0.00E+00
214	259886.9	4026943.93	2.46E-02	4.50E-03	3.36E-03	0.00E+00
215	259887.3	4026967.29	2.83E-02	5.18E-03	3.86E-03	0.00E+00
216	259887.7	4026990.66	3.38E-02	6.19E-03	4.62E-03	0.00E+00
217	259888.1	4027014.02	4.27E-02	7.83E-03	5.84E-03	0.00E+00
218	259868.1	4026879.88	1.86E-02	3.41E-03	2.55E-03	0.00E+00
219	259882.1	4026844.38	1.58E-02	2.90E-03	2.16E-03	0.00E+00
220	259906.5	4026818.96	1.38E-02	2.53E-03	1.89E-03	0.00E+00
221	259861.5	4026921	2.22E-02	4.06E-03	3.03E-03	0.00E+00
222	259861.9	4026944.36	2.46E-02	4.51E-03	3.37E-03	0.00E+00
223	259862.3	4026967.72	2.81E-02	5.14E-03	3.84E-03	0.00E+00
224	259862.7	4026991.08	3.33E-02	6.10E-03	4.55E-03	0.00E+00
225	259863.1	4027014.44	4.25E-02	7.79E-03	5.81E-03	0.00E+00
226	259819.5	4026877.19	2.20E-02	4.02E-03	3.00E-03	0.00E+00
227	259827.9	4026855.88	1.93E-02	3.53E-03	2.64E-03	0.00E+00
228	259836.3	4026834.58	1.70E-02	3.11E-03	2.32E-03	0.00E+00

229	259844.6	4026813.28	1.51E-02	2.76E-03	2.06E-03	0.00E+00
230	259873.9	4026782.78	1.25E-02	2.29E-03	1.71E-03	0.00E+00
231	259894.9	4026773.58	1.17E-02	2.15E-03	1.60E-03	0.00E+00
232	259915.9	4026764.37	1.11E-02	2.03E-03	1.52E-03	0.00E+00
233	259936.8	4026755.17	1.06E-02	1.93E-03	1.44E-03	0.00E+00
234	259811.6	4026921.85	2.64E-02	4.84E-03	3.61E-03	0.00E+00
235	259812	4026945.21	2.82E-02	5.16E-03	3.85E-03	0.00E+00
236	259812.4	4026968.57	3.08E-02	5.64E-03	4.21E-03	0.00E+00
237	259812.8	4026991.93	3.54E-02	6.48E-03	4.84E-03	0.00E+00
238	259813.1	4027015.3	4.32E-02	7.91E-03	5.91E-03	0.00E+00
239	259769.1	4026879.05	3.02E-02	5.54E-03	4.13E-03	0.00E+00
240	259785.1	4026838.48	2.01E-02	3.69E-03	2.75E-03	0.00E+00
241	259801	4026797.9	1.50E-02	2.74E-03	2.04E-03	0.00E+00
242	259836.9	4026748.57	1.11E-02	2.03E-03	1.52E-03	0.00E+00
243	259876.8	4026731.04	9.99E-03	1.83E-03	1.37E-03	0.00E+00
244	259916.7	4026713.51	9.12E-03	1.67E-03	1.25E-03	0.00E+00
245	259718.9	4026880.47	3.38E-02	6.19E-03	4.62E-03	0.00E+00
246	259734.4	4026841.02	2.15E-02	3.94E-03	2.94E-03	0.00E+00
247	259749.9	4026801.57	1.56E-02	2.85E-03	2.13E-03	0.00E+00
248	259765.4	4026762.13	1.20E-02	2.19E-03	1.63E-03	0.00E+00
249	259800.3	4026714.16	9.22E-03	1.69E-03	1.26E-03	0.00E+00
250	259839.1	4026697.12	8.60E-03	1.57E-03	1.18E-03	0.00E+00
251	259877.9	4026680.08	8.05E-03	1.47E-03	1.10E-03	0.00E+00
252	259916.7	4026663.03	7.53E-03	1.38E-03	1.03E-03	0.00E+00
253	259669.5	4026879.74	3.27E-02	5.99E-03	4.47E-03	0.00E+00
254	259677.9	4026858.44	2.49E-02	4.56E-03	3.41E-03	0.00E+00
255	259686.3	4026837.14	2.01E-02	3.67E-03	2.74E-03	0.00E+00
256	259694.6	4026815.84	1.67E-02	3.05E-03	2.28E-03	0.00E+00
257	259703	4026794.54	1.41E-02	2.59E-03	1.93E-03	0.00E+00
258	259711.4	4026773.24	1.22E-02	2.23E-03	1.66E-03	0.00E+00
259	259719.8	4026751.94	1.06E-02	1.95E-03	1.45E-03	0.00E+00
260	259728.1	4026730.63	9.36E-03	1.71E-03	1.28E-03	0.00E+00
261	259736.5	4026709.33	8.32E-03	1.52E-03	1.14E-03	0.00E+00
262	259765.8	4026678.83	7.33E-03	1.34E-03	1.00E-03	0.00E+00
263	259786.8	4026669.63	7.20E-03	1.32E-03	9.83E-04	0.00E+00
264	259807.7	4026660.42	7.05E-03	1.29E-03	9.63E-04	0.00E+00
265	259828.7	4026651.22	6.90E-03	1.26E-03	9.43E-04	0.00E+00
266	259849.6	4026642.02	6.74E-03	1.23E-03	9.21E-04	0.00E+00
267	259870.6	4026632.82	6.57E-03	1.20E-03	8.99E-04	0.00E+00
268	259891.5	4026623.61	6.40E-03	1.17E-03	8.75E-04	0.00E+00
269	259912.5	4026614.41	6.23E-03	1.14E-03	8.52E-04	0.00E+00
270	259933.4	4026605.21	6.07E-03	1.11E-03	8.29E-04	0.00E+00
271	259569.2	4026882.46	2.87E-02	5.25E-03	3.92E-03	0.00E+00
272	259585.1	4026841.89	1.74E-02	3.19E-03	2.38E-03	0.00E+00
273	259601	4026801.31	1.18E-02	2.15E-03	1.61E-03	0.00E+00
274	259617	4026760.74	8.67E-03	1.59E-03	1.19E-03	0.00E+00
275	259632.9	4026720.17	6.83E-03	1.25E-03	9.34E-04	0.00E+00

276	259648.9	4026679.59	5.54E-03	1.01E-03	7.57E-04	0.00E+00
277	259664.8	4026639.02	4.58E-03	8.39E-04	6.26E-04	0.00E+00
278	259692.7	4026609.97	4.29E-03	7.85E-04	5.86E-04	0.00E+00
279	259732.6	4026592.44	4.38E-03	8.03E-04	5.99E-04	0.00E+00
280	259772.5	4026574.91	4.43E-03	8.11E-04	6.05E-04	0.00E+00
281	259812.5	4026557.38	4.42E-03	8.10E-04	6.05E-04	0.00E+00
282	259852.4	4026539.85	4.39E-03	8.03E-04	5.99E-04	0.00E+00
283	259892.3	4026522.32	4.32E-03	7.90E-04	5.90E-04	0.00E+00
284	259485.8	4026841.8	9.20E-03	1.68E-03	1.26E-03	0.00E+00
285	259502.2	4026800.04	6.75E-03	1.24E-03	9.22E-04	0.00E+00
286	259518.6	4026758.27	5.28E-03	9.68E-04	7.22E-04	0.00E+00
287	259535	4026716.5	4.38E-03	8.01E-04	5.98E-04	0.00E+00
288	259543.2	4026695.62	4.02E-03	7.35E-04	5.49E-04	0.00E+00
289	259559.6	4026653.85	3.42E-03	6.26E-04	4.67E-04	0.00E+00
290	259576.1	4026612.08	2.95E-03	5.39E-04	4.03E-04	0.00E+00
291	259592.5	4026570.32	2.59E-03	4.75E-04	3.54E-04	0.00E+00
292	259621.2	4026540.41	2.49E-03	4.55E-04	3.40E-04	0.00E+00
293	259662.3	4026522.37	2.62E-03	4.79E-04	3.58E-04	0.00E+00
294	259703.4	4026504.32	2.75E-03	5.03E-04	3.76E-04	0.00E+00
295	259744.5	4026486.28	2.86E-03	5.23E-04	3.90E-04	0.00E+00
296	259785.6	4026468.23	2.94E-03	5.38E-04	4.02E-04	0.00E+00
297	259826.6	4026450.19	2.99E-03	5.48E-04	4.09E-04	0.00E+00
298	259867.7	4026432.14	3.02E-03	5.52E-04	4.12E-04	0.00E+00
299	259888.3	4026423.12	3.02E-03	5.53E-04	4.13E-04	0.00E+00
300	259378	4026863.56	4.84E-03	8.86E-04	6.61E-04	0.00E+00
301	259386.3	4026842.26	4.44E-03	8.13E-04	6.07E-04	0.00E+00
302	259394.7	4026820.95	4.07E-03	7.45E-04	5.56E-04	0.00E+00
303	259403.1	4026799.65	3.75E-03	6.87E-04	5.12E-04	0.00E+00
304	259411.4	4026778.35	3.47E-03	6.35E-04	4.74E-04	0.00E+00
305	259419.8	4026757.05	3.21E-03	5.88E-04	4.39E-04	0.00E+00
306	259428.2	4026735.75	2.98E-03	5.46E-04	4.08E-04	0.00E+00
307	259436.5	4026714.45	2.78E-03	5.09E-04	3.80E-04	0.00E+00
308	259444.9	4026693.15	2.61E-03	4.77E-04	3.56E-04	0.00E+00
309	259453.3	4026671.84	2.46E-03	4.50E-04	3.36E-04	0.00E+00
310	259461.6	4026650.54	2.32E-03	4.25E-04	3.17E-04	0.00E+00
311	259470	4026629.24	2.20E-03	4.03E-04	3.01E-04	0.00E+00
312	259478.4	4026607.94	2.09E-03	3.82E-04	2.85E-04	0.00E+00
313	259486.7	4026586.64	1.98E-03	3.63E-04	2.71E-04	0.00E+00
314	259495.1	4026565.34	1.89E-03	3.45E-04	2.58E-04	0.00E+00
315	259503.5	4026544.04	1.80E-03	3.29E-04	2.46E-04	0.00E+00
316	259511.8	4026522.74	1.71E-03	3.14E-04	2.34E-04	0.00E+00
317	259520.2	4026501.43	1.64E-03	3.00E-04	2.24E-04	0.00E+00
318	259549.5	4026470.93	1.60E-03	2.93E-04	2.19E-04	0.00E+00
319	259570.5	4026461.73	1.63E-03	2.99E-04	2.23E-04	0.00E+00
320	259591.4	4026452.53	1.67E-03	3.06E-04	2.28E-04	0.00E+00
321	259612.4	4026443.32	1.71E-03	3.14E-04	2.34E-04	0.00E+00
322	259633.3	4026434.12	1.76E-03	3.23E-04	2.41E-04	0.00E+00

323	259654.3	4026424.92	1.81E-03	3.32E-04	2.48E-04	0.00E+00
324	259675.2	4026415.71	1.86E-03	3.41E-04	2.54E-04	0.00E+00
325	259696.2	4026406.51	1.90E-03	3.49E-04	2.60E-04	0.00E+00
326	259717.2	4026397.31	1.95E-03	3.56E-04	2.66E-04	0.00E+00
327	259738.1	4026388.11	1.99E-03	3.64E-04	2.72E-04	0.00E+00
328	259759.1	4026378.9	2.02E-03	3.71E-04	2.77E-04	0.00E+00
329	259780	4026369.7	2.06E-03	3.77E-04	2.81E-04	0.00E+00
330	259801	4026360.5	2.09E-03	3.83E-04	2.86E-04	0.00E+00
331	259821.9	4026351.3	2.12E-03	3.88E-04	2.89E-04	0.00E+00
332	259842.9	4026342.09	2.14E-03	3.92E-04	2.93E-04	0.00E+00
333	259863.8	4026332.89	2.16E-03	3.96E-04	2.95E-04	0.00E+00
334	259884.8	4026323.69	2.18E-03	3.99E-04	2.98E-04	0.00E+00
335	259905.7	4026314.49	2.20E-03	4.02E-04	3.00E-04	0.00E+00
336	259926.7	4026305.28	2.21E-03	4.05E-04	3.02E-04	0.00E+00
337	259361.6	4026929.52	6.51E-03	1.19E-03	8.90E-04	0.00E+00
338	259362	4026952.88	7.62E-03	1.39E-03	1.04E-03	0.00E+00
339	259362.4	4026976.24	9.04E-03	1.66E-03	1.24E-03	0.00E+00
340	259362.8	4026999.61	1.12E-02	2.04E-03	1.53E-03	0.00E+00
341	259363.2	4027022.97	1.54E-02	2.82E-03	2.10E-03	0.00E+00
342	259269.7	4026886.25	3.20E-03	5.86E-04	4.37E-04	0.00E+00
343	259278.2	4026864.64	3.05E-03	5.58E-04	4.17E-04	0.00E+00
344	259286.7	4026843.03	2.90E-03	5.30E-04	3.96E-04	0.00E+00
345	259295.2	4026821.42	2.75E-03	5.03E-04	3.75E-04	0.00E+00
346	259303.7	4026799.81	2.59E-03	4.75E-04	3.54E-04	0.00E+00
347	259312.2	4026778.2	2.45E-03	4.48E-04	3.34E-04	0.00E+00
348	259320.7	4026756.59	2.31E-03	4.22E-04	3.15E-04	0.00E+00
349	259329.1	4026734.98	2.18E-03	3.98E-04	2.97E-04	0.00E+00
350	259337.6	4026713.37	2.05E-03	3.76E-04	2.81E-04	0.00E+00
351	259346.1	4026691.76	1.94E-03	3.56E-04	2.65E-04	0.00E+00
352	259354.6	4026670.15	1.84E-03	3.37E-04	2.52E-04	0.00E+00
353	259363.1	4026648.54	1.75E-03	3.21E-04	2.40E-04	0.00E+00
354	259371.6	4026626.93	1.67E-03	3.06E-04	2.29E-04	0.00E+00
355	259380.1	4026605.32	1.60E-03	2.93E-04	2.18E-04	0.00E+00
356	259388.6	4026583.71	1.53E-03	2.81E-04	2.10E-04	0.00E+00
357	259397.1	4026562.1	1.47E-03	2.69E-04	2.01E-04	0.00E+00
358	259405.5	4026540.49	1.41E-03	2.58E-04	1.93E-04	0.00E+00
359	259414	4026518.88	1.35E-03	2.48E-04	1.85E-04	0.00E+00
360	259422.5	4026497.27	1.30E-03	2.38E-04	1.77E-04	0.00E+00
361	259431	4026475.66	1.25E-03	2.28E-04	1.71E-04	0.00E+00
362	259439.5	4026454.05	1.20E-03	2.20E-04	1.64E-04	0.00E+00
363	259448	4026432.44	1.15E-03	2.11E-04	1.58E-04	0.00E+00
364	259477.7	4026401.5	1.13E-03	2.07E-04	1.55E-04	0.00E+00
365	259499	4026392.16	1.15E-03	2.11E-04	1.58E-04	0.00E+00
366	259520.2	4026382.83	1.18E-03	2.16E-04	1.61E-04	0.00E+00
367	259541.5	4026373.49	1.20E-03	2.20E-04	1.65E-04	0.00E+00
368	259562.8	4026364.15	1.23E-03	2.25E-04	1.68E-04	0.00E+00
369	259584	4026354.82	1.26E-03	2.30E-04	1.72E-04	0.00E+00

370	259605.3	4026345.48	1.29E-03	2.35E-04	1.76E-04	0.00E+00
371	259626.5	4026336.15	1.31E-03	2.41E-04	1.80E-04	0.00E+00
372	259647.8	4026326.81	1.34E-03	2.46E-04	1.84E-04	0.00E+00
373	259669.1	4026317.47	1.38E-03	2.52E-04	1.88E-04	0.00E+00
374	259690.3	4026308.14	1.41E-03	2.57E-04	1.92E-04	0.00E+00
375	259711.6	4026298.8	1.44E-03	2.63E-04	1.96E-04	0.00E+00
376	259732.8	4026289.47	1.47E-03	2.69E-04	2.00E-04	0.00E+00
377	259754.1	4026280.13	1.49E-03	2.74E-04	2.04E-04	0.00E+00
378	259775.3	4026270.79	1.52E-03	2.79E-04	2.08E-04	0.00E+00
379	259796.6	4026261.46	1.55E-03	2.83E-04	2.11E-04	0.00E+00
380	259817.9	4026252.12	1.57E-03	2.87E-04	2.14E-04	0.00E+00
381	259839.1	4026242.79	1.59E-03	2.91E-04	2.17E-04	0.00E+00
382	259860.4	4026233.45	1.61E-03	2.95E-04	2.20E-04	0.00E+00
383	259881.6	4026224.11	1.63E-03	2.99E-04	2.23E-04	0.00E+00
384	259902.9	4026214.78	1.65E-03	3.03E-04	2.26E-04	0.00E+00
385	259924.1	4026205.44	1.67E-03	3.06E-04	2.28E-04	0.00E+00
386	259261.6	4026931.23	3.66E-03	6.70E-04	5.00E-04	0.00E+00
387	259262	4026954.59	4.01E-03	7.34E-04	5.48E-04	0.00E+00
388	259262.4	4026977.95	4.41E-03	8.07E-04	6.02E-04	0.00E+00
389	259262.8	4027001.31	4.85E-03	8.87E-04	6.62E-04	0.00E+00
390	259263.2	4027024.67	5.32E-03	9.74E-04	7.27E-04	0.00E+00
391	259263.6	4027048.03	5.82E-03	1.07E-03	7.96E-04	0.00E+00
392	259069.6	4026889.97	1.78E-03	3.25E-04	2.43E-04	0.00E+00
393	259078	4026868.67	1.71E-03	3.14E-04	2.34E-04	0.00E+00
394	259086.4	4026847.37	1.66E-03	3.04E-04	2.27E-04	0.00E+00
395	259094.7	4026826.07	1.61E-03	2.95E-04	2.20E-04	0.00E+00
396	259103.1	4026804.77	1.56E-03	2.85E-04	2.13E-04	0.00E+00
397	259111.5	4026783.47	1.50E-03	2.75E-04	2.05E-04	0.00E+00
398	259119.8	4026762.16	1.45E-03	2.66E-04	1.98E-04	0.00E+00
399	259128.2	4026740.86	1.41E-03	2.58E-04	1.93E-04	0.00E+00
400	259136.6	4026719.56	1.37E-03	2.51E-04	1.87E-04	0.00E+00
401	259144.9	4026698.26	1.33E-03	2.43E-04	1.81E-04	0.00E+00
402	259153.3	4026676.96	1.28E-03	2.34E-04	1.75E-04	0.00E+00
403	259161.7	4026655.66	1.23E-03	2.25E-04	1.68E-04	0.00E+00
404	259170	4026634.36	1.18E-03	2.16E-04	1.61E-04	0.00E+00
405	259178.4	4026613.06	1.14E-03	2.09E-04	1.56E-04	0.00E+00
406	259186.8	4026591.75	1.10E-03	2.01E-04	1.50E-04	0.00E+00
407	259195.1	4026570.45	1.06E-03	1.94E-04	1.45E-04	0.00E+00
408	259203.5	4026549.15	1.02E-03	1.88E-04	1.40E-04	0.00E+00
409	259211.9	4026527.85	9.93E-04	1.82E-04	1.36E-04	0.00E+00
410	259220.2	4026506.55	9.62E-04	1.76E-04	1.32E-04	0.00E+00
411	259228.6	4026485.25	9.34E-04	1.71E-04	1.28E-04	0.00E+00
412	259237	4026463.95	9.03E-04	1.65E-04	1.23E-04	0.00E+00
413	259245.3	4026442.64	8.73E-04	1.60E-04	1.19E-04	0.00E+00
414	259253.7	4026421.34	8.48E-04	1.55E-04	1.16E-04	0.00E+00
415	259262.1	4026400.04	8.22E-04	1.50E-04	1.12E-04	0.00E+00
416	259270.5	4026378.74	8.01E-04	1.47E-04	1.09E-04	0.00E+00

417	259278.8	4026357.44	7.84E-04	1.44E-04	1.07E-04	0.00E+00
418	259287.2	4026336.14	7.70E-04	1.41E-04	1.05E-04	0.00E+00
419	259295.6	4026314.84	7.53E-04	1.38E-04	1.03E-04	0.00E+00
420	259303.9	4026293.54	7.34E-04	1.34E-04	1.00E-04	0.00E+00
421	259333.2	4026263.03	7.20E-04	1.32E-04	9.84E-05	0.00E+00
422	259354.2	4026253.83	7.26E-04	1.33E-04	9.92E-05	0.00E+00
423	259375.1	4026244.63	7.30E-04	1.34E-04	9.98E-05	0.00E+00
424	259396.1	4026235.42	7.34E-04	1.34E-04	1.00E-04	0.00E+00
425	259417.1	4026226.22	7.39E-04	1.35E-04	1.01E-04	0.00E+00
426	259438	4026217.02	7.46E-04	1.37E-04	1.02E-04	0.00E+00
427	259459	4026207.82	7.54E-04	1.38E-04	1.03E-04	0.00E+00
428	259479.9	4026198.61	7.61E-04	1.39E-04	1.04E-04	0.00E+00
429	259500.9	4026189.41	7.70E-04	1.41E-04	1.05E-04	0.00E+00
430	259521.8	4026180.21	7.81E-04	1.43E-04	1.07E-04	0.00E+00
431	259542.8	4026171.01	7.92E-04	1.45E-04	1.08E-04	0.00E+00
432	259563.7	4026161.8	8.06E-04	1.48E-04	1.10E-04	0.00E+00
433	259584.7	4026152.6	8.19E-04	1.50E-04	1.12E-04	0.00E+00
434	259605.6	4026143.4	8.34E-04	1.53E-04	1.14E-04	0.00E+00
435	259626.6	4026134.2	8.48E-04	1.55E-04	1.16E-04	0.00E+00
436	259647.6	4026124.99	8.62E-04	1.58E-04	1.18E-04	0.00E+00
437	259668.5	4026115.79	8.75E-04	1.60E-04	1.20E-04	0.00E+00
438	259689.5	4026106.59	8.88E-04	1.63E-04	1.21E-04	0.00E+00
439	259710.4	4026097.39	9.01E-04	1.65E-04	1.23E-04	0.00E+00
440	259731.4	4026088.18	9.16E-04	1.68E-04	1.25E-04	0.00E+00
441	259752.3	4026078.98	9.31E-04	1.70E-04	1.27E-04	0.00E+00
442	259773.3	4026069.78	9.46E-04	1.73E-04	1.29E-04	0.00E+00
443	259794.2	4026060.58	9.61E-04	1.76E-04	1.31E-04	0.00E+00
444	259815.2	4026051.37	9.75E-04	1.79E-04	1.33E-04	0.00E+00
445	259836.1	4026042.17	9.91E-04	1.81E-04	1.35E-04	0.00E+00
446	259857.1	4026032.97	1.01E-03	1.84E-04	1.38E-04	0.00E+00
447	259878	4026023.77	1.02E-03	1.87E-04	1.40E-04	0.00E+00
448	259899	4026014.56	1.04E-03	1.90E-04	1.42E-04	0.00E+00
449	259920	4026005.36	1.05E-03	1.93E-04	1.44E-04	0.00E+00
450	259061.7	4026934.64	1.93E-03	3.54E-04	2.64E-04	0.00E+00
451	259062.1	4026958	2.03E-03	3.71E-04	2.77E-04	0.00E+00
452	259062.5	4026981.36	2.13E-03	3.90E-04	2.91E-04	0.00E+00
453	259062.9	4027004.72	2.23E-03	4.09E-04	3.05E-04	0.00E+00
454	259063.3	4027028.08	2.34E-03	4.28E-04	3.20E-04	0.00E+00
455	259063.7	4027051.44	2.44E-03	4.47E-04	3.33E-04	0.00E+00
456	258869.8	4026892.99	1.26E-03	2.31E-04	1.73E-04	0.00E+00
457	258878.3	4026871.29	1.24E-03	2.27E-04	1.69E-04	0.00E+00
458	258886.9	4026849.6	1.21E-03	2.22E-04	1.66E-04	0.00E+00
459	258895.4	4026827.9	1.19E-03	2.17E-04	1.62E-04	0.00E+00
460	258903.9	4026806.2	1.15E-03	2.11E-04	1.58E-04	0.00E+00
461	258912.4	4026784.51	1.12E-03	2.05E-04	1.53E-04	0.00E+00
462	258921	4026762.81	1.09E-03	1.99E-04	1.49E-04	0.00E+00
463	258929.5	4026741.12	1.05E-03	1.93E-04	1.44E-04	0.00E+00

464	258938	4026719.42	1.02E-03	1.87E-04	1.40E-04	0.00E+00
465	258946.5	4026697.73	9.91E-04	1.81E-04	1.35E-04	0.00E+00
466	258955	4026676.03	9.63E-04	1.76E-04	1.32E-04	0.00E+00
467	258963.6	4026654.33	9.36E-04	1.71E-04	1.28E-04	0.00E+00
468	258972.1	4026632.64	9.10E-04	1.67E-04	1.24E-04	0.00E+00
469	258980.6	4026610.94	8.84E-04	1.62E-04	1.21E-04	0.00E+00
470	258989.1	4026589.25	8.58E-04	1.57E-04	1.17E-04	0.00E+00
471	258997.7	4026567.55	8.31E-04	1.52E-04	1.14E-04	0.00E+00
472	259006.2	4026545.85	8.05E-04	1.47E-04	1.10E-04	0.00E+00
473	259014.7	4026524.16	7.81E-04	1.43E-04	1.07E-04	0.00E+00
474	259023.2	4026502.46	7.58E-04	1.39E-04	1.04E-04	0.00E+00
475	259031.7	4026480.77	7.37E-04	1.35E-04	1.01E-04	0.00E+00
476	259040.3	4026459.07	7.17E-04	1.31E-04	9.80E-05	0.00E+00
477	259048.8	4026437.38	6.98E-04	1.28E-04	9.54E-05	0.00E+00
478	259057.3	4026415.68	6.81E-04	1.25E-04	9.31E-05	0.00E+00
479	259065.8	4026393.98	6.65E-04	1.22E-04	9.09E-05	0.00E+00
480	259074.4	4026372.29	6.50E-04	1.19E-04	8.88E-05	0.00E+00
481	259082.9	4026350.59	6.35E-04	1.16E-04	8.68E-05	0.00E+00
482	259091.4	4026328.9	6.21E-04	1.14E-04	8.49E-05	0.00E+00
483	259099.9	4026307.2	6.09E-04	1.12E-04	8.32E-05	0.00E+00
484	259108.4	4026285.51	5.98E-04	1.09E-04	8.17E-05	0.00E+00
485	259117	4026263.81	5.87E-04	1.08E-04	8.03E-05	0.00E+00
486	259125.5	4026242.11	5.76E-04	1.06E-04	7.88E-05	0.00E+00
487	259134	4026220.42	5.65E-04	1.03E-04	7.72E-05	0.00E+00
488	259142.5	4026198.72	5.55E-04	1.02E-04	7.58E-05	0.00E+00
489	259151.1	4026177.03	5.45E-04	9.98E-05	7.45E-05	0.00E+00
490	259159.6	4026155.33	5.37E-04	9.84E-05	7.34E-05	0.00E+00
491	259189.4	4026124.26	5.33E-04	9.75E-05	7.28E-05	0.00E+00
492	259210.8	4026114.89	5.35E-04	9.80E-05	7.32E-05	0.00E+00
493	259232.1	4026105.52	5.37E-04	9.84E-05	7.34E-05	0.00E+00
494	259253.5	4026096.14	5.39E-04	9.87E-05	7.37E-05	0.00E+00
495	259274.8	4026086.77	5.42E-04	9.92E-05	7.40E-05	0.00E+00
496	259296.2	4026077.4	5.44E-04	9.97E-05	7.44E-05	0.00E+00
497	259317.5	4026068.02	5.46E-04	1.00E-04	7.47E-05	0.00E+00
498	259338.8	4026058.65	5.49E-04	1.00E-04	7.50E-05	0.00E+00
499	259360.2	4026049.28	5.50E-04	1.01E-04	7.52E-05	0.00E+00
500	259381.5	4026039.91	5.52E-04	1.01E-04	7.55E-05	0.00E+00
501	259402.9	4026030.53	5.54E-04	1.02E-04	7.58E-05	0.00E+00
502	259424.2	4026021.16	5.56E-04	1.02E-04	7.61E-05	0.00E+00
503	259445.5	4026011.79	5.59E-04	1.02E-04	7.64E-05	0.00E+00
504	259466.9	4026002.41	5.62E-04	1.03E-04	7.68E-05	0.00E+00
505	259488.2	4025993.04	5.66E-04	1.04E-04	7.74E-05	0.00E+00
506	259509.6	4025983.67	5.71E-04	1.05E-04	7.80E-05	0.00E+00
507	259530.9	4025974.29	5.76E-04	1.05E-04	7.87E-05	0.00E+00
508	259552.3	4025964.92	5.81E-04	1.06E-04	7.95E-05	0.00E+00
509	259573.6	4025955.55	5.88E-04	1.08E-04	8.03E-05	0.00E+00
510	259594.9	4025946.18	5.94E-04	1.09E-04	8.12E-05	0.00E+00

511	259616.3	4025936.8	6.02E-04	1.10E-04	8.22E-05	0.00E+00
512	259637.6	4025927.43	6.09E-04	1.11E-04	8.32E-05	0.00E+00
513	259659	4025918.06	6.16E-04	1.13E-04	8.42E-05	0.00E+00
514	259680.3	4025908.68	6.24E-04	1.14E-04	8.53E-05	0.00E+00
515	259701.7	4025899.31	6.32E-04	1.16E-04	8.64E-05	0.00E+00
516	259723	4025889.94	6.40E-04	1.17E-04	8.75E-05	0.00E+00
517	259744.3	4025880.56	6.49E-04	1.19E-04	8.87E-05	0.00E+00
518	259765.7	4025871.19	6.59E-04	1.21E-04	9.01E-05	0.00E+00
519	259787	4025861.82	6.69E-04	1.23E-04	9.15E-05	0.00E+00
520	259808.4	4025852.45	6.80E-04	1.25E-04	9.29E-05	0.00E+00
521	259829.7	4025843.07	6.91E-04	1.27E-04	9.44E-05	0.00E+00
522	259851	4025833.7	7.02E-04	1.29E-04	9.59E-05	0.00E+00
523	259872.4	4025824.33	7.13E-04	1.31E-04	9.75E-05	0.00E+00
524	259893.7	4025814.95	7.24E-04	1.33E-04	9.90E-05	0.00E+00
525	259915.1	4025805.58	7.36E-04	1.35E-04	1.01E-04	0.00E+00
526	258861.3	4026914.68	1.28E-03	2.35E-04	1.75E-04	0.00E+00
527	258861.7	4026938.04	1.32E-03	2.42E-04	1.81E-04	0.00E+00
528	258862.1	4026961.41	1.37E-03	2.50E-04	1.87E-04	0.00E+00
529	258862.5	4026984.77	1.41E-03	2.59E-04	1.93E-04	0.00E+00
530	258862.9	4027008.13	1.46E-03	2.67E-04	1.99E-04	0.00E+00
531	258863.3	4027031.49	1.50E-03	2.74E-04	2.05E-04	0.00E+00
532	258863.7	4027054.85	1.54E-03	2.82E-04	2.10E-04	0.00E+00
533	258669.8	4026896.63	9.82E-04	1.80E-04	1.34E-04	0.00E+00
534	258678.2	4026875.16	9.70E-04	1.78E-04	1.33E-04	0.00E+00
535	258686.6	4026853.69	9.56E-04	1.75E-04	1.31E-04	0.00E+00
536	258695.1	4026832.23	9.40E-04	1.72E-04	1.29E-04	0.00E+00
537	258703.5	4026810.76	9.23E-04	1.69E-04	1.26E-04	0.00E+00
538	258711.9	4026789.29	9.04E-04	1.66E-04	1.24E-04	0.00E+00
539	258720.3	4026767.83	8.85E-04	1.62E-04	1.21E-04	0.00E+00
540	258728.8	4026746.36	8.65E-04	1.58E-04	1.18E-04	0.00E+00
541	258737.2	4026724.89	8.44E-04	1.55E-04	1.15E-04	0.00E+00
542	258745.6	4026703.43	8.26E-04	1.51E-04	1.13E-04	0.00E+00
543	258754.1	4026681.96	8.06E-04	1.48E-04	1.10E-04	0.00E+00
544	258762.5	4026660.5	7.87E-04	1.44E-04	1.07E-04	0.00E+00
545	258770.9	4026639.03	7.67E-04	1.41E-04	1.05E-04	0.00E+00
546	258779.4	4026617.56	7.50E-04	1.37E-04	1.02E-04	0.00E+00
547	258787.8	4026596.1	7.33E-04	1.34E-04	1.00E-04	0.00E+00
548	258796.2	4026574.63	7.14E-04	1.31E-04	9.76E-05	0.00E+00
549	258804.7	4026553.16	6.96E-04	1.27E-04	9.51E-05	0.00E+00
550	258813.1	4026531.7	6.77E-04	1.24E-04	9.25E-05	0.00E+00
551	258821.5	4026510.23	6.57E-04	1.20E-04	8.99E-05	0.00E+00
552	258830	4026488.76	6.39E-04	1.17E-04	8.73E-05	0.00E+00
553	258838.4	4026467.3	6.20E-04	1.14E-04	8.47E-05	0.00E+00
554	258846.8	4026445.83	6.01E-04	1.10E-04	8.22E-05	0.00E+00
555	258855.3	4026424.36	5.84E-04	1.07E-04	7.98E-05	0.00E+00
556	258863.7	4026402.9	5.68E-04	1.04E-04	7.77E-05	0.00E+00
557	258872.1	4026381.43	5.54E-04	1.01E-04	7.57E-05	0.00E+00

558	258880.6	4026359.97	5.41E-04	9.90E-05	7.39E-05	0.00E+00
559	258889	4026338.5	5.28E-04	9.66E-05	7.21E-05	0.00E+00
560	258897.4	4026317.03	5.16E-04	9.45E-05	7.06E-05	0.00E+00
561	258905.9	4026295.57	5.06E-04	9.26E-05	6.91E-05	0.00E+00
562	258914.3	4026274.1	4.96E-04	9.07E-05	6.77E-05	0.00E+00
563	258922.7	4026252.63	4.86E-04	8.90E-05	6.64E-05	0.00E+00
564	258931.2	4026231.17	4.78E-04	8.75E-05	6.53E-05	0.00E+00
565	258939.6	4026209.7	4.70E-04	8.61E-05	6.43E-05	0.00E+00
566	258948	4026188.23	4.62E-04	8.46E-05	6.32E-05	0.00E+00
567	258956.5	4026166.77	4.55E-04	8.34E-05	6.22E-05	0.00E+00
568	258964.9	4026145.3	4.49E-04	8.23E-05	6.14E-05	0.00E+00
569	258973.3	4026123.83	4.45E-04	8.14E-05	6.08E-05	0.00E+00
570	258981.7	4026102.37	4.39E-04	8.04E-05	6.00E-05	0.00E+00
571	258990.2	4026080.9	4.33E-04	7.93E-05	5.92E-05	0.00E+00
572	258998.6	4026059.44	4.28E-04	7.83E-05	5.85E-05	0.00E+00
573	259007	4026037.97	4.23E-04	7.75E-05	5.78E-05	0.00E+00
574	259015.5	4026016.5	4.19E-04	7.66E-05	5.72E-05	0.00E+00
575	259045	4025985.76	4.18E-04	7.66E-05	5.72E-05	0.00E+00
576	259066.1	4025976.49	4.22E-04	7.72E-05	5.76E-05	0.00E+00
577	259087.3	4025967.21	4.25E-04	7.78E-05	5.81E-05	0.00E+00
578	259108.4	4025957.94	4.27E-04	7.82E-05	5.83E-05	0.00E+00
579	259129.5	4025948.67	4.29E-04	7.86E-05	5.87E-05	0.00E+00
580	259150.6	4025939.39	4.31E-04	7.90E-05	5.89E-05	0.00E+00
581	259171.7	4025930.12	4.33E-04	7.93E-05	5.92E-05	0.00E+00
582	259192.8	4025920.84	4.34E-04	7.95E-05	5.94E-05	0.00E+00
583	259214	4025911.57	4.35E-04	7.97E-05	5.95E-05	0.00E+00
584	259235.1	4025902.3	4.36E-04	7.99E-05	5.96E-05	0.00E+00
585	259256.2	4025893.02	4.37E-04	8.00E-05	5.97E-05	0.00E+00
586	259277.3	4025883.75	4.38E-04	8.01E-05	5.98E-05	0.00E+00
587	259298.4	4025874.48	4.38E-04	8.02E-05	5.99E-05	0.00E+00
588	259319.5	4025865.2	4.39E-04	8.03E-05	5.99E-05	0.00E+00
589	259340.7	4025855.93	4.39E-04	8.03E-05	6.00E-05	0.00E+00
590	259361.8	4025846.65	4.39E-04	8.03E-05	6.00E-05	0.00E+00
591	259382.9	4025837.38	4.39E-04	8.04E-05	6.00E-05	0.00E+00
592	259404	4025828.11	4.40E-04	8.05E-05	6.01E-05	0.00E+00
593	259425.1	4025818.83	4.40E-04	8.06E-05	6.02E-05	0.00E+00
594	259446.2	4025809.56	4.41E-04	8.07E-05	6.02E-05	0.00E+00
595	259467.4	4025800.28	4.41E-04	8.08E-05	6.03E-05	0.00E+00
596	259488.5	4025791.01	4.42E-04	8.10E-05	6.05E-05	0.00E+00
597	259509.6	4025781.74	4.44E-04	8.13E-05	6.07E-05	0.00E+00
598	259530.7	4025772.46	4.46E-04	8.17E-05	6.10E-05	0.00E+00
599	259551.8	4025763.19	4.49E-04	8.21E-05	6.13E-05	0.00E+00
600	259572.9	4025753.91	4.52E-04	8.27E-05	6.17E-05	0.00E+00
601	259594.1	4025744.64	4.56E-04	8.34E-05	6.23E-05	0.00E+00
602	259615.2	4025735.37	4.60E-04	8.43E-05	6.29E-05	0.00E+00
603	259636.3	4025726.09	4.65E-04	8.51E-05	6.35E-05	0.00E+00
604	259657.4	4025716.82	4.70E-04	8.60E-05	6.42E-05	0.00E+00

605	259678.5	4025707.55	4.75E-04	8.70E-05	6.49E-05	0.00E+00
606	259699.6	4025698.27	4.81E-04	8.81E-05	6.58E-05	0.00E+00
607	259720.8	4025689	4.88E-04	8.93E-05	6.66E-05	0.00E+00
608	259741.9	4025679.72	4.94E-04	9.05E-05	6.75E-05	0.00E+00
609	259763	4025670.45	5.01E-04	9.17E-05	6.85E-05	0.00E+00
610	259784.1	4025661.18	5.08E-04	9.30E-05	6.94E-05	0.00E+00
611	259805.2	4025651.9	5.15E-04	9.43E-05	7.04E-05	0.00E+00
612	259826.3	4025642.63	5.22E-04	9.55E-05	7.13E-05	0.00E+00
613	259847.5	4025633.35	5.29E-04	9.69E-05	7.23E-05	0.00E+00
614	259868.6	4025624.08	5.37E-04	9.84E-05	7.34E-05	0.00E+00
615	259889.7	4025614.81	5.46E-04	9.99E-05	7.46E-05	0.00E+00
616	259910.8	4025605.53	5.53E-04	1.01E-04	7.56E-05	0.00E+00
617	258661.3	4026918.09	9.92E-04	1.82E-04	1.36E-04	0.00E+00
618	258661.7	4026941.45	1.01E-03	1.86E-04	1.38E-04	0.00E+00
619	258662.1	4026964.82	1.03E-03	1.89E-04	1.41E-04	0.00E+00
620	258662.5	4026988.18	1.06E-03	1.93E-04	1.44E-04	0.00E+00
621	258662.9	4027011.54	1.08E-03	1.97E-04	1.47E-04	0.00E+00
622	258663.3	4027034.9	1.10E-03	2.01E-04	1.50E-04	0.00E+00
623	258663.7	4027058.26	1.12E-03	2.05E-04	1.53E-04	0.00E+00
624	258469.9	4026899.77	7.94E-04	1.45E-04	1.08E-04	0.00E+00
625	258478.4	4026878.03	7.91E-04	1.45E-04	1.08E-04	0.00E+00
626	258487	4026856.29	7.85E-04	1.44E-04	1.07E-04	0.00E+00
627	258495.5	4026834.56	7.78E-04	1.43E-04	1.06E-04	0.00E+00
628	258504	4026812.82	7.70E-04	1.41E-04	1.05E-04	0.00E+00
629	258512.6	4026791.09	7.58E-04	1.39E-04	1.04E-04	0.00E+00
630	258521.1	4026769.35	7.46E-04	1.37E-04	1.02E-04	0.00E+00
631	258529.7	4026747.61	7.34E-04	1.34E-04	1.00E-04	0.00E+00
632	258538.2	4026725.88	7.24E-04	1.33E-04	9.90E-05	0.00E+00
633	258546.7	4026704.14	7.13E-04	1.31E-04	9.74E-05	0.00E+00
634	258555.3	4026682.41	7.00E-04	1.28E-04	9.56E-05	0.00E+00
635	258563.8	4026660.67	6.87E-04	1.26E-04	9.38E-05	0.00E+00
636	258572.3	4026638.93	6.73E-04	1.23E-04	9.20E-05	0.00E+00
637	258580.9	4026617.2	6.60E-04	1.21E-04	9.02E-05	0.00E+00
638	258589.4	4026595.46	6.47E-04	1.18E-04	8.84E-05	0.00E+00
639	258598	4026573.73	6.33E-04	1.16E-04	8.65E-05	0.00E+00
640	258606.5	4026551.99	6.20E-04	1.14E-04	8.47E-05	0.00E+00
641	258615	4026530.25	6.07E-04	1.11E-04	8.29E-05	0.00E+00
642	258623.6	4026508.52	5.93E-04	1.09E-04	8.10E-05	0.00E+00
643	258632.1	4026486.78	5.78E-04	1.06E-04	7.90E-05	0.00E+00
644	258640.7	4026465.05	5.64E-04	1.03E-04	7.71E-05	0.00E+00
645	258649.2	4026443.31	5.50E-04	1.01E-04	7.52E-05	0.00E+00
646	258657.7	4026421.57	5.36E-04	9.82E-05	7.33E-05	0.00E+00
647	258666.3	4026399.84	5.22E-04	9.56E-05	7.13E-05	0.00E+00
648	258674.8	4026378.1	5.08E-04	9.29E-05	6.94E-05	0.00E+00
649	258683.3	4026356.37	4.93E-04	9.03E-05	6.74E-05	0.00E+00
650	258691.9	4026334.63	4.79E-04	8.77E-05	6.55E-05	0.00E+00
651	258700.4	4026312.89	4.66E-04	8.52E-05	6.36E-05	0.00E+00

652	258709	4026291.16	4.53E-04	8.29E-05	6.19E-05	0.00E+00
653	258717.5	4026269.42	4.41E-04	8.07E-05	6.03E-05	0.00E+00
654	258726	4026247.69	4.29E-04	7.86E-05	5.87E-05	0.00E+00
655	258734.6	4026225.95	4.19E-04	7.66E-05	5.72E-05	0.00E+00
656	258743.1	4026204.21	4.08E-04	7.47E-05	5.58E-05	0.00E+00
657	258751.6	4026182.48	3.99E-04	7.31E-05	5.46E-05	0.00E+00
658	258760.2	4026160.74	3.92E-04	7.18E-05	5.36E-05	0.00E+00
659	258768.7	4026139.01	3.85E-04	7.05E-05	5.27E-05	0.00E+00
660	258777.3	4026117.27	3.79E-04	6.94E-05	5.18E-05	0.00E+00
661	258785.8	4026095.53	3.73E-04	6.84E-05	5.10E-05	0.00E+00
662	258794.3	4026073.8	3.69E-04	6.75E-05	5.04E-05	0.00E+00
663	258802.9	4026052.06	3.64E-04	6.67E-05	4.98E-05	0.00E+00
664	258811.4	4026030.33	3.60E-04	6.59E-05	4.92E-05	0.00E+00
665	258820	4026008.59	3.56E-04	6.52E-05	4.86E-05	0.00E+00
666	258828.5	4025986.85	3.52E-04	6.44E-05	4.81E-05	0.00E+00
667	258837	4025965.12	3.48E-04	6.38E-05	4.76E-05	0.00E+00
668	258845.6	4025943.38	3.45E-04	6.33E-05	4.72E-05	0.00E+00
669	258854.1	4025921.65	3.43E-04	6.29E-05	4.69E-05	0.00E+00
670	258862.6	4025899.91	3.41E-04	6.25E-05	4.66E-05	0.00E+00
671	258871.2	4025878.17	3.39E-04	6.21E-05	4.64E-05	0.00E+00
672	258901.1	4025847.05	3.40E-04	6.23E-05	4.65E-05	0.00E+00
673	258922.5	4025837.66	3.44E-04	6.30E-05	4.70E-05	0.00E+00
674	258943.9	4025828.27	3.48E-04	6.37E-05	4.75E-05	0.00E+00
675	258965.2	4025818.88	3.51E-04	6.43E-05	4.80E-05	0.00E+00
676	258986.6	4025809.49	3.54E-04	6.49E-05	4.84E-05	0.00E+00
677	259008	4025800.09	3.57E-04	6.53E-05	4.88E-05	0.00E+00
678	259029.4	4025790.7	3.59E-04	6.57E-05	4.91E-05	0.00E+00
679	259050.8	4025781.31	3.61E-04	6.61E-05	4.93E-05	0.00E+00
680	259072.2	4025771.92	3.62E-04	6.63E-05	4.95E-05	0.00E+00
681	259093.5	4025762.53	3.63E-04	6.65E-05	4.96E-05	0.00E+00
682	259114.9	4025753.14	3.64E-04	6.67E-05	4.98E-05	0.00E+00
683	259136.3	4025743.75	3.65E-04	6.67E-05	4.98E-05	0.00E+00
684	259157.7	4025734.36	3.65E-04	6.68E-05	4.99E-05	0.00E+00
685	259179.1	4025724.97	3.65E-04	6.68E-05	4.99E-05	0.00E+00
686	259200.4	4025715.58	3.65E-04	6.68E-05	4.99E-05	0.00E+00
687	259221.8	4025706.19	3.65E-04	6.67E-05	4.98E-05	0.00E+00
688	259243.2	4025696.8	3.65E-04	6.67E-05	4.98E-05	0.00E+00
689	259264.6	4025687.41	3.65E-04	6.68E-05	4.99E-05	0.00E+00
690	259286	4025678.02	3.65E-04	6.68E-05	4.99E-05	0.00E+00
691	259307.4	4025668.63	3.65E-04	6.67E-05	4.98E-05	0.00E+00
692	259328.7	4025659.24	3.64E-04	6.66E-05	4.97E-05	0.00E+00
693	259350.1	4025649.85	3.62E-04	6.63E-05	4.95E-05	0.00E+00
694	259371.5	4025640.46	3.61E-04	6.62E-05	4.94E-05	0.00E+00
695	259392.9	4025631.07	3.61E-04	6.61E-05	4.93E-05	0.00E+00
696	259414.3	4025621.68	3.60E-04	6.60E-05	4.92E-05	0.00E+00
697	259435.6	4025612.29	3.60E-04	6.60E-05	4.92E-05	0.00E+00
698	259457	4025602.9	3.60E-04	6.60E-05	4.92E-05	0.00E+00

699	259478.4	4025593.51	3.60E-04	6.60E-05	4.92E-05	0.00E+00
700	259499.8	4025584.12	3.61E-04	6.61E-05	4.93E-05	0.00E+00
701	259521.2	4025574.73	3.62E-04	6.62E-05	4.94E-05	0.00E+00
702	259542.6	4025565.34	3.63E-04	6.64E-05	4.96E-05	0.00E+00
703	259563.9	4025555.95	3.64E-04	6.67E-05	4.98E-05	0.00E+00
704	259585.3	4025546.55	3.66E-04	6.70E-05	5.00E-05	0.00E+00
705	259606.7	4025537.16	3.69E-04	6.75E-05	5.04E-05	0.00E+00
706	259628.1	4025527.77	3.72E-04	6.81E-05	5.08E-05	0.00E+00
707	259649.5	4025518.38	3.75E-04	6.87E-05	5.13E-05	0.00E+00
708	259670.8	4025508.99	3.79E-04	6.95E-05	5.19E-05	0.00E+00
709	259692.2	4025499.6	3.84E-04	7.03E-05	5.25E-05	0.00E+00
710	259713.6	4025490.21	3.89E-04	7.11E-05	5.31E-05	0.00E+00
711	259735	4025480.82	3.94E-04	7.21E-05	5.38E-05	0.00E+00
712	259756.4	4025471.43	3.99E-04	7.31E-05	5.46E-05	0.00E+00
713	259777.8	4025462.04	4.05E-04	7.41E-05	5.53E-05	0.00E+00
714	259799.1	4025452.65	4.11E-04	7.52E-05	5.61E-05	0.00E+00
715	259820.5	4025443.26	4.16E-04	7.62E-05	5.69E-05	0.00E+00
716	259841.9	4025433.87	4.22E-04	7.72E-05	5.76E-05	0.00E+00
717	259863.3	4025424.48	4.28E-04	7.83E-05	5.84E-05	0.00E+00
718	259884.7	4025415.09	4.33E-04	7.94E-05	5.92E-05	0.00E+00
719	259906	4025405.7	4.39E-04	8.05E-05	6.01E-05	0.00E+00
720	258461.4	4026921.5	7.98E-04	1.46E-04	1.09E-04	0.00E+00
721	258461.8	4026944.86	8.11E-04	1.48E-04	1.11E-04	0.00E+00
722	258462.1	4026968.23	8.23E-04	1.51E-04	1.12E-04	0.00E+00
723	258462.5	4026991.59	8.37E-04	1.53E-04	1.14E-04	0.00E+00
724	258462.9	4027014.95	8.48E-04	1.55E-04	1.16E-04	0.00E+00
725	258463.3	4027038.31	8.62E-04	1.58E-04	1.18E-04	0.00E+00
726	258463.7	4027061.67	8.79E-04	1.61E-04	1.20E-04	0.00E+00
727	259934.3	4026786.78	1.19E-02	2.18E-03	1.63E-03	0.00E+00
728	259843.6	4026789.17	1.35E-02	2.47E-03	1.84E-03	0.00E+00
729	259775.6	4026790.96	1.45E-02	2.65E-03	1.98E-03	0.00E+00
730	259910.3	4026737.4	1.00E-02	1.84E-03	1.37E-03	0.00E+00
731	259797	4026740.38	1.07E-02	1.95E-03	1.46E-03	0.00E+00
732	259774.3	4026740.98	1.06E-02	1.93E-03	1.44E-03	0.00E+00
733	259751.6	4026741.57	1.04E-02	1.90E-03	1.42E-03	0.00E+00
734	259930.3	4026636.84	6.82E-03	1.25E-03	9.32E-04	0.00E+00
735	259794.3	4026640.42	6.29E-03	1.15E-03	8.59E-04	0.00E+00
736	259771.7	4026641.01	6.08E-03	1.11E-03	8.32E-04	0.00E+00
737	259749	4026641.61	5.84E-03	1.07E-03	7.98E-04	0.00E+00
738	259950.4	4026536.27	4.79E-03	8.78E-04	6.55E-04	0.00E+00
739	259927.7	4026536.87	4.72E-03	8.64E-04	6.45E-04	0.00E+00
740	259791.7	4026540.45	3.95E-03	7.23E-04	5.40E-04	0.00E+00
741	259769	4026541.05	3.77E-03	6.91E-04	5.16E-04	0.00E+00
742	259746.4	4026541.64	3.59E-03	6.56E-04	4.90E-04	0.00E+00
743	259947.7	4026436.31	3.39E-03	6.21E-04	4.64E-04	0.00E+00
744	259925.1	4026436.9	3.31E-03	6.06E-04	4.53E-04	0.00E+00
745	259789.1	4026440.48	2.67E-03	4.89E-04	3.65E-04	0.00E+00

746	259766.4	4026441.08	2.55E-03	4.66E-04	3.48E-04	0.00E+00
747	259743.7	4026441.68	2.42E-03	4.43E-04	3.30E-04	0.00E+00
748	259945.1	4026336.34	2.49E-03	4.56E-04	3.40E-04	0.00E+00
749	259922.4	4026336.94	2.41E-03	4.42E-04	3.30E-04	0.00E+00
750	259786.4	4026340.52	1.90E-03	3.49E-04	2.60E-04	0.00E+00
751	259763.8	4026341.12	1.82E-03	3.33E-04	2.48E-04	0.00E+00
752	259741.1	4026341.71	1.73E-03	3.17E-04	2.37E-04	0.00E+00
753	259939.8	4026136.41	1.45E-03	2.65E-04	1.98E-04	0.00E+00
754	259917.2	4026137.01	1.40E-03	2.56E-04	1.91E-04	0.00E+00
755	259894.5	4026137.61	1.35E-03	2.47E-04	1.84E-04	0.00E+00
756	259871.8	4026138.2	1.30E-03	2.38E-04	1.77E-04	0.00E+00
757	259849.2	4026138.8	1.25E-03	2.29E-04	1.71E-04	0.00E+00
758	259826.5	4026139.4	1.20E-03	2.20E-04	1.64E-04	0.00E+00
759	259803.8	4026139.99	1.16E-03	2.12E-04	1.58E-04	0.00E+00
760	259781.2	4026140.59	1.11E-03	2.04E-04	1.52E-04	0.00E+00
761	259758.5	4026141.19	1.07E-03	1.96E-04	1.46E-04	0.00E+00
762	259735.9	4026141.78	1.03E-03	1.89E-04	1.41E-04	0.00E+00
763	259934.6	4025936.48	9.44E-04	1.73E-04	1.29E-04	0.00E+00
764	259911.9	4025937.08	9.14E-04	1.67E-04	1.25E-04	0.00E+00
765	259889.2	4025937.67	8.84E-04	1.62E-04	1.21E-04	0.00E+00
766	259866.6	4025938.27	8.55E-04	1.56E-04	1.17E-04	0.00E+00
767	259843.9	4025938.87	8.27E-04	1.51E-04	1.13E-04	0.00E+00
768	259821.2	4025939.46	7.99E-04	1.46E-04	1.09E-04	0.00E+00
769	259798.6	4025940.06	7.73E-04	1.42E-04	1.06E-04	0.00E+00
770	259775.9	4025940.66	7.48E-04	1.37E-04	1.02E-04	0.00E+00
771	259753.3	4025941.25	7.25E-04	1.33E-04	9.91E-05	0.00E+00
772	259730.6	4025941.85	7.03E-04	1.29E-04	9.61E-05	0.00E+00
773	259929.3	4025736.55	6.76E-04	1.24E-04	9.24E-05	0.00E+00
774	259906.6	4025737.15	6.57E-04	1.20E-04	8.98E-05	0.00E+00
775	259884	4025737.74	6.38E-04	1.17E-04	8.72E-05	0.00E+00
776	259861.3	4025738.34	6.20E-04	1.13E-04	8.47E-05	0.00E+00
777	259838.7	4025738.94	6.01E-04	1.10E-04	8.22E-05	0.00E+00
778	259816	4025739.53	5.84E-04	1.07E-04	7.99E-05	0.00E+00
779	259793.3	4025740.13	5.68E-04	1.04E-04	7.77E-05	0.00E+00
780	259770.7	4025740.73	5.53E-04	1.01E-04	7.55E-05	0.00E+00
781	259748	4025741.32	5.37E-04	9.84E-05	7.34E-05	0.00E+00
782	259725.3	4025741.92	5.23E-04	9.58E-05	7.15E-05	0.00E+00
783	259924.1	4025536.62	5.17E-04	9.46E-05	7.06E-05	0.00E+00
784	259901.4	4025537.22	5.04E-04	9.22E-05	6.88E-05	0.00E+00
785	259878.7	4025537.81	4.91E-04	8.99E-05	6.71E-05	0.00E+00
786	259856.1	4025538.41	4.78E-04	8.76E-05	6.54E-05	0.00E+00
787	259833.4	4025539.01	4.67E-04	8.55E-05	6.38E-05	0.00E+00
788	259810.7	4025539.6	4.56E-04	8.34E-05	6.23E-05	0.00E+00
789	259788.1	4025540.2	4.45E-04	8.14E-05	6.08E-05	0.00E+00
790	259765.4	4025540.8	4.34E-04	7.94E-05	5.93E-05	0.00E+00
791	259742.7	4025541.39	4.23E-04	7.75E-05	5.78E-05	0.00E+00
792	259720.1	4025541.99	4.13E-04	7.56E-05	5.64E-05	0.00E+00

793	260259.4	4027030.57	1.70E-02	3.11E-03	2.32E-03	0.00E+00
794	260258.9	4027007.71	1.70E-02	3.12E-03	2.33E-03	0.00E+00
795	260258.4	4026984.85	1.70E-02	3.11E-03	2.32E-03	0.00E+00
796	260257.9	4026961.98	1.69E-02	3.10E-03	2.31E-03	0.00E+00
797	260257.4	4026939.12	1.68E-02	3.07E-03	2.29E-03	0.00E+00
798	260256.9	4026916.26	1.66E-02	3.03E-03	2.26E-03	0.00E+00
799	260256.4	4026893.39	1.62E-02	2.97E-03	2.22E-03	0.00E+00
800	260359.4	4027028.4	9.57E-03	1.75E-03	1.31E-03	0.00E+00
801	260358.9	4027005.53	9.64E-03	1.77E-03	1.32E-03	0.00E+00
802	260358.4	4026982.67	9.70E-03	1.78E-03	1.33E-03	0.00E+00
803	260357.9	4026959.81	9.74E-03	1.78E-03	1.33E-03	0.00E+00
804	260357.4	4026936.94	9.74E-03	1.78E-03	1.33E-03	0.00E+00
805	260356.9	4026914.08	9.72E-03	1.78E-03	1.33E-03	0.00E+00
806	260356.4	4026891.22	9.67E-03	1.77E-03	1.32E-03	0.00E+00
807	260459.4	4027026.22	6.11E-03	1.12E-03	8.35E-04	0.00E+00
808	260458.9	4027003.35	6.21E-03	1.14E-03	8.48E-04	0.00E+00
809	260458.4	4026980.49	6.29E-03	1.15E-03	8.59E-04	0.00E+00
810	260457.9	4026957.63	6.36E-03	1.16E-03	8.69E-04	0.00E+00
811	260457.4	4026934.76	6.41E-03	1.17E-03	8.77E-04	0.00E+00
812	260456.9	4026911.9	6.46E-03	1.18E-03	8.82E-04	0.00E+00
813	260456.4	4026889.04	6.48E-03	1.19E-03	8.86E-04	0.00E+00
814	260659.3	4027021.86	2.86E-03	5.24E-04	3.91E-04	0.00E+00
815	260658.8	4026998.99	2.94E-03	5.39E-04	4.02E-04	0.00E+00
816	260658.3	4026976.13	3.03E-03	5.55E-04	4.14E-04	0.00E+00
817	260657.8	4026953.27	3.12E-03	5.71E-04	4.26E-04	0.00E+00
818	260657.3	4026930.4	3.20E-03	5.87E-04	4.38E-04	0.00E+00
819	260656.8	4026907.54	3.27E-03	5.98E-04	4.46E-04	0.00E+00
820	260656.3	4026884.68	3.33E-03	6.09E-04	4.54E-04	0.00E+00
821	260859.3	4027017.5	1.61E-03	2.95E-04	2.20E-04	0.00E+00
822	260858.8	4026994.64	1.66E-03	3.04E-04	2.27E-04	0.00E+00
823	260858.3	4026971.77	1.71E-03	3.14E-04	2.34E-04	0.00E+00
824	260857.8	4026948.91	1.77E-03	3.24E-04	2.42E-04	0.00E+00
825	260857.3	4026926.05	1.82E-03	3.34E-04	2.49E-04	0.00E+00
826	260856.8	4026903.18	1.87E-03	3.43E-04	2.56E-04	0.00E+00
827	260856.3	4026880.32	1.92E-03	3.51E-04	2.62E-04	0.00E+00
828	261059.2	4027013.14	1.04E-03	1.91E-04	1.43E-04	0.00E+00
829	261058.7	4026990.28	1.07E-03	1.96E-04	1.47E-04	0.00E+00
830	261058.2	4026967.42	1.10E-03	2.02E-04	1.51E-04	0.00E+00
831	261057.7	4026944.55	1.13E-03	2.08E-04	1.55E-04	0.00E+00
832	261057.2	4026921.69	1.16E-03	2.13E-04	1.59E-04	0.00E+00
833	261056.7	4026898.83	1.19E-03	2.19E-04	1.63E-04	0.00E+00
834	261056.2	4026875.96	1.23E-03	2.25E-04	1.68E-04	0.00E+00
835	261259.2	4027008.78	7.58E-04	1.39E-04	1.04E-04	0.00E+00
836	261258.7	4026985.92	7.74E-04	1.42E-04	1.06E-04	0.00E+00
837	261258.2	4026963.06	7.92E-04	1.45E-04	1.08E-04	0.00E+00
838	261257.7	4026940.19	8.11E-04	1.49E-04	1.11E-04	0.00E+00
839	261257.2	4026917.33	8.30E-04	1.52E-04	1.13E-04	0.00E+00

840	261256.7	4026894.47	8.48E-04	1.55E-04	1.16E-04	0.00E+00
841	261256.2	4026871.6	8.68E-04	1.59E-04	1.19E-04	0.00E+00
842	259796.1	4026879.73	2.56E-02	4.68E-03	3.50E-03	0.00E+00
843	259755	4026854.32	2.43E-02	4.45E-03	3.32E-03	0.00E+00
844	259754.2	4026829.33	1.94E-02	3.55E-03	2.65E-03	0.00E+00
845	259782.1	4026815.29	1.71E-02	3.13E-03	2.33E-03	0.00E+00
846	259810.9	4026826.23	1.75E-02	3.20E-03	2.39E-03	0.00E+00
847	259798	4026771.96	1.28E-02	2.34E-03	1.75E-03	0.00E+00
848	259766.2	4026710.47	8.76E-03	1.60E-03	1.20E-03	0.00E+00
849	259713.2	4026705.57	7.77E-03	1.42E-03	1.06E-03	0.00E+00
850	259863.1	4026697.95	8.68E-03	1.59E-03	1.19E-03	0.00E+00
851	259730.1	4026655.01	6.01E-03	1.10E-03	8.22E-04	0.00E+00
852	259763.6	4026610.76	5.15E-03	9.44E-04	7.04E-04	0.00E+00
853	259879.9	4026654.96	7.24E-03	1.33E-03	9.89E-04	0.00E+00
854	259977.3	4026719.03	9.06E-03	1.66E-03	1.24E-03	0.00E+00
855	259998.9	4026767.78	1.11E-02	2.03E-03	1.52E-03	0.00E+00
856	259760.7	4026510.93	3.27E-03	5.99E-04	4.47E-04	0.00E+00
857	259828.5	4026536.69	4.17E-03	7.63E-04	5.69E-04	0.00E+00
858	259879.3	4026556.01	4.84E-03	8.86E-04	6.62E-04	0.00E+00
859	259913.1	4026568.88	5.24E-03	9.59E-04	7.16E-04	0.00E+00
860	259757.7	4026411.06	2.25E-03	4.11E-04	3.07E-04	0.00E+00
861	259877.7	4026456.67	3.34E-03	6.11E-04	4.56E-04	0.00E+00
862	259912	4026469.7	3.65E-03	6.69E-04	4.99E-04	0.00E+00
863	260031.9	4026515.31	4.69E-03	8.59E-04	6.41E-04	0.00E+00
864	260066.2	4026528.34	4.97E-03	9.09E-04	6.79E-04	0.00E+00
865	260107.9	4026558.14	5.53E-03	1.01E-03	7.56E-04	0.00E+00
866	260137.6	4026625.19	6.95E-03	1.27E-03	9.50E-04	0.00E+00
867	260182.2	4026725.77	1.08E-02	1.97E-03	1.47E-03	0.00E+00
868	260197	4026759.29	1.27E-02	2.32E-03	1.74E-03	0.00E+00
869	260211.9	4026792.82	1.48E-02	2.70E-03	2.02E-03	0.00E+00
870	260226.7	4026826.34	1.64E-02	3.00E-03	2.24E-03	0.00E+00
871	260241.6	4026859.87	1.68E-02	3.08E-03	2.30E-03	0.00E+00
872	259754.7	4026311.16	1.63E-03	2.99E-04	2.23E-04	0.00E+00
873	259875.6	4026357.14	2.38E-03	4.36E-04	3.25E-04	0.00E+00
874	259910.2	4026370.27	2.62E-03	4.81E-04	3.59E-04	0.00E+00
875	260031.1	4026416.25	3.49E-03	6.39E-04	4.77E-04	0.00E+00
876	260065.6	4026429.38	3.73E-03	6.83E-04	5.10E-04	0.00E+00
877	260100.2	4026442.52	3.96E-03	7.26E-04	5.42E-04	0.00E+00
878	260134.7	4026455.65	4.19E-03	7.68E-04	5.73E-04	0.00E+00
879	260199.2	4026536.38	5.40E-03	9.89E-04	7.38E-04	0.00E+00
880	260214.2	4026570.17	6.00E-03	1.10E-03	8.20E-04	0.00E+00
881	260229.2	4026603.97	6.68E-03	1.22E-03	9.12E-04	0.00E+00
882	260244.1	4026637.76	7.45E-03	1.36E-03	1.02E-03	0.00E+00
883	260259.1	4026671.55	8.33E-03	1.52E-03	1.14E-03	0.00E+00
884	260274.1	4026705.35	9.20E-03	1.68E-03	1.26E-03	0.00E+00
885	260289	4026739.14	9.94E-03	1.82E-03	1.36E-03	0.00E+00
886	260304	4026772.94	1.04E-02	1.90E-03	1.42E-03	0.00E+00

887	260319	4026806.73	1.05E-02	1.92E-03	1.43E-03	0.00E+00
888	260333.9	4026840.52	1.03E-02	1.89E-03	1.41E-03	0.00E+00
889	259751	4026211.03	1.24E-03	2.28E-04	1.70E-04	0.00E+00
890	259784.6	4026223.8	1.37E-03	2.51E-04	1.87E-04	0.00E+00
891	259868.6	4026255.73	1.74E-03	3.18E-04	2.38E-04	0.00E+00
892	259902.2	4026268.5	1.91E-03	3.50E-04	2.61E-04	0.00E+00
893	260036.5	4026319.58	2.67E-03	4.88E-04	3.64E-04	0.00E+00
894	260070.1	4026332.35	2.86E-03	5.24E-04	3.91E-04	0.00E+00
895	260103.7	4026345.12	3.06E-03	5.60E-04	4.18E-04	0.00E+00
896	260137.3	4026357.9	3.25E-03	5.95E-04	4.44E-04	0.00E+00
897	260170.9	4026370.67	3.43E-03	6.29E-04	4.69E-04	0.00E+00
898	260221.3	4026389.82	3.70E-03	6.78E-04	5.06E-04	0.00E+00
899	260252.6	4026429.06	4.12E-03	7.55E-04	5.63E-04	0.00E+00
900	260267.2	4026461.92	4.49E-03	8.22E-04	6.13E-04	0.00E+00
901	260281.7	4026494.77	4.88E-03	8.94E-04	6.67E-04	0.00E+00
902	260296.3	4026527.63	5.31E-03	9.72E-04	7.26E-04	0.00E+00
903	260310.8	4026560.48	5.77E-03	1.06E-03	7.88E-04	0.00E+00
904	260325.4	4026593.34	6.24E-03	1.14E-03	8.53E-04	0.00E+00
905	260339.9	4026626.19	6.69E-03	1.23E-03	9.14E-04	0.00E+00
906	260354.5	4026659.05	7.08E-03	1.30E-03	9.68E-04	0.00E+00
907	260369	4026691.9	7.36E-03	1.35E-03	1.01E-03	0.00E+00
908	260383.6	4026724.76	7.49E-03	1.37E-03	1.02E-03	0.00E+00
909	260398.2	4026757.62	7.47E-03	1.37E-03	1.02E-03	0.00E+00
910	260412.7	4026790.47	7.32E-03	1.34E-03	1.00E-03	0.00E+00
911	260427.3	4026823.33	7.10E-03	1.30E-03	9.70E-04	0.00E+00
912	260441.8	4026856.18	6.82E-03	1.25E-03	9.32E-04	0.00E+00
913	259715.7	4026205.24	1.15E-03	2.10E-04	1.57E-04	0.00E+00
914	259744.9	4026011.23	8.08E-04	1.48E-04	1.10E-04	0.00E+00
915	259779	4026024.19	8.73E-04	1.60E-04	1.19E-04	0.00E+00
916	259864.2	4026056.6	1.07E-03	1.96E-04	1.46E-04	0.00E+00
917	259898.3	4026069.56	1.16E-03	2.13E-04	1.59E-04	0.00E+00
918	259932.4	4026082.52	1.26E-03	2.31E-04	1.73E-04	0.00E+00
919	259966.5	4026095.49	1.37E-03	2.51E-04	1.88E-04	0.00E+00
920	260000.6	4026108.45	1.49E-03	2.73E-04	2.03E-04	0.00E+00
921	260034.7	4026121.41	1.61E-03	2.95E-04	2.20E-04	0.00E+00
922	260068.8	4026134.38	1.74E-03	3.19E-04	2.38E-04	0.00E+00
923	260102.9	4026147.34	1.87E-03	3.43E-04	2.56E-04	0.00E+00
924	260137	4026160.3	2.01E-03	3.68E-04	2.74E-04	0.00E+00
925	260171.1	4026173.26	2.14E-03	3.92E-04	2.93E-04	0.00E+00
926	260222.2	4026192.71	2.35E-03	4.30E-04	3.21E-04	0.00E+00
927	260341.5	4026238.08	2.76E-03	5.06E-04	3.77E-04	0.00E+00
928	260383	4026267.72	2.96E-03	5.42E-04	4.04E-04	0.00E+00
929	260397.8	4026301.06	3.16E-03	5.79E-04	4.32E-04	0.00E+00
930	260412.6	4026334.41	3.37E-03	6.18E-04	4.61E-04	0.00E+00
931	260427.3	4026367.76	3.59E-03	6.56E-04	4.90E-04	0.00E+00
932	260442.1	4026401.11	3.79E-03	6.95E-04	5.19E-04	0.00E+00
933	260456.9	4026434.46	4.00E-03	7.32E-04	5.46E-04	0.00E+00

934	260471.7	4026467.81	4.19E-03	7.66E-04	5.72E-04	0.00E+00
935	260486.4	4026501.16	4.35E-03	7.96E-04	5.94E-04	0.00E+00
936	260501.2	4026534.51	4.48E-03	8.20E-04	6.12E-04	0.00E+00
937	260516	4026567.86	4.56E-03	8.35E-04	6.23E-04	0.00E+00
938	260530.8	4026601.21	4.59E-03	8.41E-04	6.27E-04	0.00E+00
939	260545.5	4026634.56	4.57E-03	8.36E-04	6.24E-04	0.00E+00
940	260560.3	4026667.91	4.50E-03	8.23E-04	6.14E-04	0.00E+00
941	260575.1	4026701.26	4.38E-03	8.02E-04	5.99E-04	0.00E+00
942	260589.8	4026734.61	4.24E-03	7.76E-04	5.79E-04	0.00E+00
943	260604.6	4026767.96	4.07E-03	7.45E-04	5.56E-04	0.00E+00
944	260619.4	4026801.3	3.88E-03	7.10E-04	5.30E-04	0.00E+00
945	260634.2	4026834.65	3.67E-03	6.71E-04	5.01E-04	0.00E+00
946	259709.4	4026005.34	7.59E-04	1.39E-04	1.04E-04	0.00E+00
947	259738.7	4025811.39	5.83E-04	1.07E-04	7.96E-05	0.00E+00
948	259773.1	4025824.48	6.21E-04	1.14E-04	8.49E-05	0.00E+00
949	259859.2	4025857.2	7.37E-04	1.35E-04	1.01E-04	0.00E+00
950	259893.6	4025870.29	7.91E-04	1.45E-04	1.08E-04	0.00E+00
951	259928	4025883.38	8.51E-04	1.56E-04	1.16E-04	0.00E+00
952	259962.4	4025896.47	9.15E-04	1.68E-04	1.25E-04	0.00E+00
953	259996.9	4025909.55	9.85E-04	1.80E-04	1.35E-04	0.00E+00
954	260031.3	4025922.64	1.06E-03	1.94E-04	1.45E-04	0.00E+00
955	260065.7	4025935.73	1.14E-03	2.09E-04	1.56E-04	0.00E+00
956	260100.1	4025948.82	1.23E-03	2.24E-04	1.67E-04	0.00E+00
957	260134.5	4025961.91	1.31E-03	2.40E-04	1.79E-04	0.00E+00
958	260169	4025974.99	1.41E-03	2.58E-04	1.92E-04	0.00E+00
959	260341.1	4026040.43	1.88E-03	3.44E-04	2.57E-04	0.00E+00
960	260375.5	4026053.52	1.96E-03	3.59E-04	2.68E-04	0.00E+00
961	260409.9	4026066.61	2.04E-03	3.74E-04	2.79E-04	0.00E+00
962	260444.4	4026079.7	2.12E-03	3.88E-04	2.89E-04	0.00E+00
963	260478.8	4026092.79	2.18E-03	4.00E-04	2.99E-04	0.00E+00
964	260520.7	4026122.71	2.31E-03	4.22E-04	3.15E-04	0.00E+00
965	260535.6	4026156.38	2.44E-03	4.46E-04	3.33E-04	0.00E+00
966	260550.5	4026190.05	2.56E-03	4.69E-04	3.50E-04	0.00E+00
967	260565.4	4026223.72	2.68E-03	4.91E-04	3.67E-04	0.00E+00
968	260580.3	4026257.4	2.80E-03	5.12E-04	3.82E-04	0.00E+00
969	260595.2	4026291.07	2.91E-03	5.32E-04	3.97E-04	0.00E+00
970	260610.2	4026324.74	3.00E-03	5.50E-04	4.10E-04	0.00E+00
971	260625.1	4026358.41	3.08E-03	5.65E-04	4.21E-04	0.00E+00
972	260640	4026392.08	3.15E-03	5.76E-04	4.30E-04	0.00E+00
973	260654.9	4026425.75	3.18E-03	5.83E-04	4.35E-04	0.00E+00
974	260669.8	4026459.43	3.20E-03	5.85E-04	4.37E-04	0.00E+00
975	260684.7	4026493.1	3.18E-03	5.83E-04	4.35E-04	0.00E+00
976	260699.7	4026526.77	3.14E-03	5.76E-04	4.30E-04	0.00E+00
977	260714.6	4026560.44	3.08E-03	5.65E-04	4.21E-04	0.00E+00
978	260729.5	4026594.11	3.01E-03	5.50E-04	4.11E-04	0.00E+00
979	260744.4	4026627.78	2.91E-03	5.33E-04	3.98E-04	0.00E+00
980	260759.3	4026661.45	2.80E-03	5.12E-04	3.82E-04	0.00E+00

981	260774.2	4026695.13	2.68E-03	4.91E-04	3.67E-04	0.00E+00
982	260789.2	4026728.8	2.55E-03	4.67E-04	3.49E-04	0.00E+00
983	260804.1	4026762.47	2.42E-03	4.42E-04	3.30E-04	0.00E+00
984	260819	4026796.14	2.27E-03	4.16E-04	3.11E-04	0.00E+00
985	260833.9	4026829.81	2.13E-03	3.90E-04	2.91E-04	0.00E+00
986	259703	4025805.44	5.53E-04	1.01E-04	7.56E-05	0.00E+00
987	259732.1	4025611.42	4.51E-04	8.26E-05	6.16E-05	0.00E+00
988	259766.1	4025624.36	4.76E-04	8.71E-05	6.51E-05	0.00E+00
989	259851.2	4025656.7	5.48E-04	1.00E-04	7.48E-05	0.00E+00
990	259885.2	4025669.63	5.82E-04	1.07E-04	7.95E-05	0.00E+00
991	259919.2	4025682.57	6.19E-04	1.13E-04	8.46E-05	0.00E+00
992	259953.3	4025695.51	6.58E-04	1.20E-04	8.99E-05	0.00E+00
993	259987.3	4025708.44	7.00E-04	1.28E-04	9.57E-05	0.00E+00
994	260021.3	4025721.38	7.47E-04	1.37E-04	1.02E-04	0.00E+00
995	260055.3	4025734.32	7.98E-04	1.46E-04	1.09E-04	0.00E+00
996	260089.4	4025747.25	8.50E-04	1.56E-04	1.16E-04	0.00E+00
997	260123.4	4025760.19	9.08E-04	1.66E-04	1.24E-04	0.00E+00
998	260157.4	4025773.13	9.68E-04	1.77E-04	1.32E-04	0.00E+00
999	260208.5	4025792.53	1.06E-03	1.95E-04	1.45E-04	0.00E+00
1000	260344.6	4025844.28	1.33E-03	2.44E-04	1.82E-04	0.00E+00
1001	260378.6	4025857.22	1.40E-03	2.56E-04	1.91E-04	0.00E+00
1002	260412.6	4025870.15	1.46E-03	2.68E-04	2.00E-04	0.00E+00
1003	260446.6	4025883.09	1.52E-03	2.79E-04	2.08E-04	0.00E+00
1004	260480.7	4025896.02	1.58E-03	2.89E-04	2.16E-04	0.00E+00
1005	260514.7	4025908.96	1.63E-03	2.98E-04	2.23E-04	0.00E+00
1006	260548.7	4025921.9	1.69E-03	3.09E-04	2.31E-04	0.00E+00
1007	260582.7	4025934.83	1.74E-03	3.19E-04	2.38E-04	0.00E+00
1008	260616.8	4025947.77	1.78E-03	3.27E-04	2.44E-04	0.00E+00
1009	260658.2	4025977.35	1.86E-03	3.41E-04	2.55E-04	0.00E+00
1010	260672.9	4026010.63	1.95E-03	3.56E-04	2.66E-04	0.00E+00
1011	260687.6	4026043.91	2.03E-03	3.71E-04	2.77E-04	0.00E+00
1012	260702.4	4026077.19	2.10E-03	3.85E-04	2.87E-04	0.00E+00
1013	260717.1	4026110.48	2.17E-03	3.98E-04	2.97E-04	0.00E+00
1014	260731.9	4026143.76	2.24E-03	4.10E-04	3.06E-04	0.00E+00
1015	260746.6	4026177.04	2.29E-03	4.20E-04	3.13E-04	0.00E+00
1016	260761.4	4026210.32	2.34E-03	4.28E-04	3.20E-04	0.00E+00
1017	260776.1	4026243.6	2.37E-03	4.35E-04	3.25E-04	0.00E+00
1018	260790.8	4026276.89	2.40E-03	4.39E-04	3.28E-04	0.00E+00
1019	260805.6	4026310.17	2.41E-03	4.41E-04	3.29E-04	0.00E+00
1020	260820.3	4026343.45	2.40E-03	4.40E-04	3.28E-04	0.00E+00
1021	260835.1	4026376.73	2.38E-03	4.36E-04	3.26E-04	0.00E+00
1022	260849.8	4026410.01	2.35E-03	4.30E-04	3.21E-04	0.00E+00
1023	260864.6	4026443.3	2.30E-03	4.22E-04	3.15E-04	0.00E+00
1024	260879.3	4026476.58	2.25E-03	4.12E-04	3.07E-04	0.00E+00
1025	260894.1	4026509.86	2.18E-03	3.99E-04	2.98E-04	0.00E+00
1026	260908.8	4026543.14	2.11E-03	3.86E-04	2.88E-04	0.00E+00
1027	260923.5	4026576.42	2.03E-03	3.71E-04	2.77E-04	0.00E+00

1028	260938.3	4026609.71	1.95E-03	3.56E-04	2.66E-04	0.00E+00
1029	260953	4026642.99	1.86E-03	3.40E-04	2.54E-04	0.00E+00
1030	260967.8	4026676.27	1.77E-03	3.23E-04	2.41E-04	0.00E+00
1031	260982.5	4026709.55	1.68E-03	3.07E-04	2.29E-04	0.00E+00
1032	260997.3	4026742.83	1.58E-03	2.89E-04	2.16E-04	0.00E+00
1033	261012	4026776.12	1.48E-03	2.71E-04	2.02E-04	0.00E+00
1034	261026.7	4026809.4	1.39E-03	2.55E-04	1.90E-04	0.00E+00
1035	261041.5	4026842.68	1.31E-03	2.39E-04	1.79E-04	0.00E+00
1036	259696.6	4025605.54	4.31E-04	7.88E-05	5.89E-05	0.00E+00
1037	259725.8	4025411.57	3.65E-04	6.68E-05	4.99E-05	0.00E+00
1038	259760.1	4025424.6	3.83E-04	7.01E-05	5.23E-05	0.00E+00
1039	259845.8	4025457.18	4.34E-04	7.94E-05	5.93E-05	0.00E+00
1040	259880.1	4025470.21	4.56E-04	8.36E-05	6.24E-05	0.00E+00
1041	259914.4	4025483.24	4.81E-04	8.81E-05	6.58E-05	0.00E+00
1042	259948.6	4025496.27	5.08E-04	9.29E-05	6.94E-05	0.00E+00
1043	259982.9	4025509.3	5.36E-04	9.82E-05	7.33E-05	0.00E+00
1044	260017.2	4025522.34	5.67E-04	1.04E-04	7.75E-05	0.00E+00
1045	260051.5	4025535.37	6.01E-04	1.10E-04	8.22E-05	0.00E+00
1046	260085.7	4025548.4	6.38E-04	1.17E-04	8.71E-05	0.00E+00
1047	260120	4025561.43	6.77E-04	1.24E-04	9.25E-05	0.00E+00
1048	260154.3	4025574.46	7.17E-04	1.31E-04	9.80E-05	0.00E+00
1049	260205.7	4025594.01	7.81E-04	1.43E-04	1.07E-04	0.00E+00
1050	260291.4	4025626.59	9.02E-04	1.65E-04	1.23E-04	0.00E+00
1051	260342.8	4025646.13	9.75E-04	1.79E-04	1.33E-04	0.00E+00
1052	260377.1	4025659.16	1.03E-03	1.88E-04	1.40E-04	0.00E+00
1053	260411.3	4025672.2	1.08E-03	1.97E-04	1.47E-04	0.00E+00
1054	260445.6	4025685.23	1.13E-03	2.06E-04	1.54E-04	0.00E+00
1055	260479.9	4025698.26	1.17E-03	2.15E-04	1.61E-04	0.00E+00
1056	260514.2	4025711.29	1.22E-03	2.24E-04	1.67E-04	0.00E+00
1057	260548.4	4025724.32	1.27E-03	2.32E-04	1.73E-04	0.00E+00
1058	260582.7	4025737.35	1.31E-03	2.40E-04	1.79E-04	0.00E+00
1059	260617	4025750.38	1.35E-03	2.48E-04	1.85E-04	0.00E+00
1060	260651.3	4025763.42	1.39E-03	2.55E-04	1.90E-04	0.00E+00
1061	260685.5	4025776.45	1.43E-03	2.62E-04	1.95E-04	0.00E+00
1062	260719.8	4025789.48	1.46E-03	2.68E-04	2.00E-04	0.00E+00
1063	260754.1	4025802.51	1.49E-03	2.74E-04	2.04E-04	0.00E+00
1064	260795.8	4025832.3	1.55E-03	2.84E-04	2.12E-04	0.00E+00
1065	260810.6	4025865.83	1.61E-03	2.94E-04	2.20E-04	0.00E+00
1066	260825.5	4025899.36	1.66E-03	3.04E-04	2.27E-04	0.00E+00
1067	260840.3	4025932.88	1.71E-03	3.14E-04	2.34E-04	0.00E+00
1068	260855.2	4025966.41	1.76E-03	3.22E-04	2.40E-04	0.00E+00
1069	260870	4025999.93	1.80E-03	3.30E-04	2.46E-04	0.00E+00
1070	260884.9	4026033.46	1.84E-03	3.36E-04	2.51E-04	0.00E+00
1071	260899.7	4026066.98	1.87E-03	3.42E-04	2.55E-04	0.00E+00
1072	260914.6	4026100.51	1.89E-03	3.46E-04	2.58E-04	0.00E+00
1073	260929.4	4026134.04	1.91E-03	3.49E-04	2.60E-04	0.00E+00
1074	260944.3	4026167.56	1.91E-03	3.50E-04	2.61E-04	0.00E+00

1075	260959.1	4026201.09	1.91E-03	3.49E-04	2.61E-04	0.00E+00
1076	260974	4026234.61	1.89E-03	3.47E-04	2.59E-04	0.00E+00
1077	260988.9	4026268.14	1.87E-03	3.43E-04	2.56E-04	0.00E+00
1078	261003.7	4026301.67	1.84E-03	3.37E-04	2.52E-04	0.00E+00
1079	261018.6	4026335.19	1.80E-03	3.30E-04	2.46E-04	0.00E+00
1080	261033.4	4026368.72	1.76E-03	3.22E-04	2.40E-04	0.00E+00
1081	261048.3	4026402.24	1.71E-03	3.12E-04	2.33E-04	0.00E+00
1082	261063.1	4026435.77	1.65E-03	3.02E-04	2.25E-04	0.00E+00
1083	261078	4026469.29	1.59E-03	2.92E-04	2.18E-04	0.00E+00
1084	261092.8	4026502.82	1.54E-03	2.81E-04	2.10E-04	0.00E+00
1085	261107.7	4026536.35	1.47E-03	2.70E-04	2.01E-04	0.00E+00
1086	261122.5	4026569.87	1.41E-03	2.58E-04	1.93E-04	0.00E+00
1087	261137.4	4026603.4	1.35E-03	2.46E-04	1.84E-04	0.00E+00
1088	261152.2	4026636.92	1.28E-03	2.34E-04	1.75E-04	0.00E+00
1089	261167.1	4026670.45	1.21E-03	2.22E-04	1.66E-04	0.00E+00
1090	261181.9	4026703.97	1.15E-03	2.11E-04	1.57E-04	0.00E+00
1091	261196.8	4026737.5	1.09E-03	1.99E-04	1.48E-04	0.00E+00
1092	261211.6	4026771.03	1.03E-03	1.88E-04	1.40E-04	0.00E+00
1093	261226.5	4026804.55	9.70E-04	1.78E-04	1.33E-04	0.00E+00
1094	261241.3	4026838.08	9.17E-04	1.68E-04	1.25E-04	0.00E+00
1095	259690.2	4025405.64	3.51E-04	6.42E-05	4.79E-05	0.00E+00
1096	259694.2	4026881.02	3.39E-02	6.20E-03	4.63E-03	0.00E+00
1097	259644.5	4026882.1	3.33E-02	6.10E-03	4.55E-03	0.00E+00
1098	259619.7	4026882.65	3.27E-02	5.98E-03	4.47E-03	0.00E+00
1099	259644	4026857.11	2.40E-02	4.39E-03	3.28E-03	0.00E+00
1100	259619.1	4026857.65	2.32E-02	4.25E-03	3.17E-03	0.00E+00
1101	259569.5	4026858.74	2.03E-02	3.72E-03	2.77E-03	0.00E+00
1102	259544.6	4026859.28	1.82E-02	3.34E-03	2.49E-03	0.00E+00
1103	259519.8	4026859.82	1.57E-02	2.88E-03	2.15E-03	0.00E+00
1104	259470.1	4026860.91	9.99E-03	1.83E-03	1.37E-03	0.00E+00
1105	259445.3	4026861.45	7.76E-03	1.42E-03	1.06E-03	0.00E+00
1106	259643.4	4026832.12	1.82E-02	3.33E-03	2.48E-03	0.00E+00
1107	259618.6	4026832.66	1.73E-02	3.17E-03	2.36E-03	0.00E+00
1108	259544.1	4026834.29	1.31E-02	2.40E-03	1.79E-03	0.00E+00
1109	259519.3	4026834.83	1.12E-02	2.05E-03	1.53E-03	0.00E+00
1110	259444.8	4026836.46	6.14E-03	1.12E-03	8.39E-04	0.00E+00
1111	259667.7	4026806.58	1.48E-02	2.71E-03	2.02E-03	0.00E+00
1112	259642.9	4026807.12	1.39E-02	2.55E-03	1.90E-03	0.00E+00
1113	259568.4	4026808.75	1.11E-02	2.03E-03	1.52E-03	0.00E+00
1114	259543.5	4026809.29	9.79E-03	1.79E-03	1.34E-03	0.00E+00
1115	259469	4026810.92	5.87E-03	1.08E-03	8.03E-04	0.00E+00
1116	259444.2	4026811.46	5.02E-03	9.19E-04	6.86E-04	0.00E+00
1117	259691.5	4026756.05	1.04E-02	1.90E-03	1.42E-03	0.00E+00
1118	259666.6	4026756.59	9.85E-03	1.80E-03	1.35E-03	0.00E+00
1119	259641.8	4026757.13	9.18E-03	1.68E-03	1.26E-03	0.00E+00
1120	259592.1	4026758.22	7.73E-03	1.42E-03	1.06E-03	0.00E+00
1121	259567.3	4026758.76	6.94E-03	1.27E-03	9.48E-04	0.00E+00

1122	259542.5	4026759.3	6.11E-03	1.12E-03	8.35E-04	0.00E+00
1123	259492.8	4026760.39	4.62E-03	8.46E-04	6.31E-04	0.00E+00
1124	259468	4026760.93	4.06E-03	7.44E-04	5.55E-04	0.00E+00
1125	259443.1	4026761.48	3.63E-03	6.65E-04	4.96E-04	0.00E+00
1126	259690.4	4026706.06	7.39E-03	1.35E-03	1.01E-03	0.00E+00
1127	259665.5	4026706.6	6.92E-03	1.27E-03	9.46E-04	0.00E+00
1128	259591	4026708.23	5.37E-03	9.83E-04	7.34E-04	0.00E+00
1129	259566.2	4026708.77	4.83E-03	8.85E-04	6.60E-04	0.00E+00
1130	259491.7	4026710.4	3.42E-03	6.26E-04	4.67E-04	0.00E+00
1131	259466.9	4026710.95	3.08E-03	5.63E-04	4.20E-04	0.00E+00
1132	259689.3	4026656.07	5.44E-03	9.96E-04	7.43E-04	0.00E+00
1133	259639.6	4026657.16	4.69E-03	8.59E-04	6.41E-04	0.00E+00
1134	259614.8	4026657.7	4.32E-03	7.90E-04	5.90E-04	0.00E+00
1135	259589.9	4026658.24	3.94E-03	7.21E-04	5.38E-04	0.00E+00
1136	259515.4	4026659.87	2.95E-03	5.40E-04	4.03E-04	0.00E+00
1137	259490.6	4026660.41	2.68E-03	4.91E-04	3.66E-04	0.00E+00
1138	259663.3	4026606.63	3.85E-03	7.05E-04	5.27E-04	0.00E+00
1139	259638.5	4026607.17	3.56E-03	6.52E-04	4.87E-04	0.00E+00
1140	259613.7	4026607.71	3.28E-03	6.00E-04	4.48E-04	0.00E+00
1141	259539.2	4026609.34	2.57E-03	4.70E-04	3.51E-04	0.00E+00
1142	259514.3	4026609.88	2.36E-03	4.33E-04	3.23E-04	0.00E+00
1143	259439.8	4026611.51	1.89E-03	3.46E-04	2.59E-04	0.00E+00
1144	259636.3	4026507.19	2.29E-03	4.19E-04	3.13E-04	0.00E+00
1145	259611.5	4026507.74	2.14E-03	3.92E-04	2.92E-04	0.00E+00
1146	259586.7	4026508.28	2.00E-03	3.66E-04	2.73E-04	0.00E+00
1147	259561.8	4026508.82	1.87E-03	3.43E-04	2.56E-04	0.00E+00
1148	259487.3	4026510.45	1.55E-03	2.84E-04	2.12E-04	0.00E+00
1149	259462.5	4026510.99	1.46E-03	2.68E-04	2.00E-04	0.00E+00
1150	259634.1	4026407.22	1.63E-03	2.98E-04	2.22E-04	0.00E+00
1151	259609.3	4026407.76	1.53E-03	2.79E-04	2.09E-04	0.00E+00
1152	259584.5	4026408.3	1.44E-03	2.63E-04	1.97E-04	0.00E+00
1153	259559.6	4026408.85	1.36E-03	2.49E-04	1.86E-04	0.00E+00
1154	259534.8	4026409.39	1.29E-03	2.37E-04	1.77E-04	0.00E+00
1155	259435.5	4026411.56	1.08E-03	1.97E-04	1.47E-04	0.00E+00
1156	259632	4026307.24	1.24E-03	2.27E-04	1.69E-04	0.00E+00
1157	259607.1	4026307.78	1.18E-03	2.16E-04	1.61E-04	0.00E+00
1158	259582.3	4026308.33	1.12E-03	2.05E-04	1.53E-04	0.00E+00
1159	259557.5	4026308.87	1.07E-03	1.96E-04	1.46E-04	0.00E+00
1160	259532.6	4026309.41	1.02E-03	1.87E-04	1.40E-04	0.00E+00
1161	259507.8	4026309.96	9.81E-04	1.80E-04	1.34E-04	0.00E+00
1162	259483	4026310.5	9.42E-04	1.73E-04	1.29E-04	0.00E+00
1163	259458.1	4026311.04	9.09E-04	1.66E-04	1.24E-04	0.00E+00
1164	259433.3	4026311.58	8.79E-04	1.61E-04	1.20E-04	0.00E+00
1165	259679.4	4026206.18	1.08E-03	1.97E-04	1.47E-04	0.00E+00
1166	259654.6	4026206.72	1.03E-03	1.88E-04	1.41E-04	0.00E+00
1167	259629.8	4026207.27	9.84E-04	1.80E-04	1.34E-04	0.00E+00
1168	259604.9	4026207.81	9.42E-04	1.72E-04	1.29E-04	0.00E+00

1169	259580.1	4026208.35	9.03E-04	1.65E-04	1.23E-04	0.00E+00
1170	259555.3	4026208.89	8.65E-04	1.58E-04	1.18E-04	0.00E+00
1171	259530.4	4026209.44	8.33E-04	1.52E-04	1.14E-04	0.00E+00
1172	259675.1	4026006.23	7.24E-04	1.33E-04	9.89E-05	0.00E+00
1173	259650.2	4026006.77	7.00E-04	1.28E-04	9.56E-05	0.00E+00
1174	259625.4	4026007.31	6.77E-04	1.24E-04	9.25E-05	0.00E+00
1175	259600.6	4026007.86	6.56E-04	1.20E-04	8.96E-05	0.00E+00
1176	259575.7	4026008.4	6.37E-04	1.17E-04	8.70E-05	0.00E+00
1177	259550.9	4026008.94	6.18E-04	1.13E-04	8.45E-05	0.00E+00
1178	259526.1	4026009.48	6.02E-04	1.10E-04	8.22E-05	0.00E+00
1179	259670.7	4025806.28	5.34E-04	9.78E-05	7.30E-05	0.00E+00
1180	259645.9	4025806.82	5.19E-04	9.51E-05	7.10E-05	0.00E+00
1181	259621	4025807.36	5.06E-04	9.26E-05	6.91E-05	0.00E+00
1182	259596.2	4025807.9	4.93E-04	9.03E-05	6.74E-05	0.00E+00
1183	259571.4	4025808.45	4.82E-04	8.82E-05	6.58E-05	0.00E+00
1184	259546.5	4025808.99	4.71E-04	8.63E-05	6.44E-05	0.00E+00
1185	259521.7	4025809.53	4.62E-04	8.47E-05	6.32E-05	0.00E+00
1186	259666.3	4025606.32	4.18E-04	7.65E-05	5.71E-05	0.00E+00
1187	259641.5	4025606.87	4.08E-04	7.47E-05	5.57E-05	0.00E+00
1188	259616.7	4025607.41	3.99E-04	7.31E-05	5.45E-05	0.00E+00
1189	259591.8	4025607.95	3.91E-04	7.15E-05	5.34E-05	0.00E+00
1190	259567	4025608.49	3.84E-04	7.03E-05	5.25E-05	0.00E+00
1191	259542.2	4025609.04	3.78E-04	6.92E-05	5.17E-05	0.00E+00
1192	259517.3	4025609.58	3.73E-04	6.83E-05	5.10E-05	0.00E+00
1193	259662	4025406.37	3.42E-04	6.27E-05	4.68E-05	0.00E+00
1194	259637.1	4025406.91	3.35E-04	6.14E-05	4.58E-05	0.00E+00
1195	259612.3	4025407.46	3.29E-04	6.02E-05	4.50E-05	0.00E+00
1196	259587.5	4025408	3.23E-04	5.92E-05	4.42E-05	0.00E+00
1197	259562.6	4025408.54	3.19E-04	5.84E-05	4.36E-05	0.00E+00
1198	259537.8	4025409.08	3.15E-04	5.77E-05	4.30E-05	0.00E+00
1199	259513	4025409.63	3.12E-04	5.70E-05	4.26E-05	0.00E+00
1200	259488.1	4025410.17	3.08E-04	5.65E-05	4.22E-05	0.00E+00
1201	259463.3	4025410.71	3.06E-04	5.60E-05	4.18E-05	0.00E+00
1202	259438.5	4025411.26	3.04E-04	5.56E-05	4.15E-05	0.00E+00
1203	259413.6	4025411.8	3.02E-04	5.53E-05	4.13E-05	0.00E+00
1204	259422.2	4026953.67	1.65E-02	3.01E-03	2.25E-03	0.00E+00
1205	259423	4026995.42	2.49E-02	4.55E-03	3.40E-03	0.00E+00
1206	259396.8	4026933.27	9.54E-03	1.75E-03	1.30E-03	0.00E+00
1207	259397.6	4026975.02	1.39E-02	2.54E-03	1.90E-03	0.00E+00
1208	259398.4	4027016.78	2.59E-02	4.74E-03	3.54E-03	0.00E+00
1209	259409.8	4026851.82	5.45E-03	9.98E-04	7.45E-04	0.00E+00
1210	259317.3	4026860.93	3.52E-03	6.44E-04	4.81E-04	0.00E+00
1211	259331.2	4026825.36	3.17E-03	5.81E-04	4.34E-04	0.00E+00
1212	259355.7	4026799.88	3.09E-03	5.65E-04	4.22E-04	0.00E+00
1213	259296.8	4026935.18	4.41E-03	8.07E-04	6.02E-04	0.00E+00
1214	259297.6	4026976.93	5.38E-03	9.84E-04	7.35E-04	0.00E+00
1215	259298.4	4027018.68	6.67E-03	1.22E-03	9.11E-04	0.00E+00

1216	259354.6	4026749.9	2.47E-03	4.53E-04	3.38E-04	0.00E+00
1217	259389.6	4026734.53	2.59E-03	4.74E-04	3.54E-04	0.00E+00
1218	259217.3	4026862.84	2.46E-03	4.50E-04	3.36E-04	0.00E+00
1219	259231.2	4026827.26	2.29E-03	4.19E-04	3.13E-04	0.00E+00
1220	259245.2	4026791.69	2.13E-03	3.90E-04	2.91E-04	0.00E+00
1221	259259.1	4026756.11	1.97E-03	3.60E-04	2.69E-04	0.00E+00
1222	259283.5	4026730.64	1.92E-03	3.51E-04	2.62E-04	0.00E+00
1223	259371	4026692.23	2.07E-03	3.79E-04	2.83E-04	0.00E+00
1224	259406	4026676.86	2.15E-03	3.94E-04	2.94E-04	0.00E+00
1225	259196.8	4026937.09	2.88E-03	5.27E-04	3.94E-04	0.00E+00
1226	259197.6	4026978.84	3.27E-03	5.99E-04	4.47E-04	0.00E+00
1227	259198.4	4027020.59	3.70E-03	6.78E-04	5.06E-04	0.00E+00
1228	259169.2	4026858.94	2.11E-03	3.86E-04	2.88E-04	0.00E+00
1229	259184.4	4026820.13	1.97E-03	3.61E-04	2.70E-04	0.00E+00
1230	259199.6	4026781.32	1.84E-03	3.37E-04	2.51E-04	0.00E+00
1231	259214.8	4026742.51	1.71E-03	3.12E-04	2.33E-04	0.00E+00
1232	259249	4026695.31	1.59E-03	2.92E-04	2.18E-04	0.00E+00
1233	259287.2	4026678.55	1.64E-03	3.00E-04	2.24E-04	0.00E+00
1234	259325.4	4026661.79	1.68E-03	3.08E-04	2.30E-04	0.00E+00
1235	259401.7	4026628.27	1.81E-03	3.31E-04	2.47E-04	0.00E+00
1236	259146.8	4026938.04	2.45E-03	4.48E-04	3.34E-04	0.00E+00
1237	259147.6	4026979.79	2.73E-03	5.00E-04	3.73E-04	0.00E+00
1238	259148.4	4027021.55	3.04E-03	5.56E-04	4.15E-04	0.00E+00
1239	259213.8	4026609.86	1.19E-03	2.18E-04	1.62E-04	0.00E+00
1240	259251.1	4026593.47	1.20E-03	2.20E-04	1.64E-04	0.00E+00
1241	259288.4	4026577.09	1.23E-03	2.25E-04	1.68E-04	0.00E+00
1242	259325.7	4026560.7	1.28E-03	2.34E-04	1.75E-04	0.00E+00
1243	259363	4026544.31	1.32E-03	2.41E-04	1.80E-04	0.00E+00
1244	258968.5	4026864.8	1.40E-03	2.56E-04	1.91E-04	0.00E+00
1245	258983.1	4026827.35	1.32E-03	2.41E-04	1.80E-04	0.00E+00
1246	258997.8	4026789.9	1.24E-03	2.28E-04	1.70E-04	0.00E+00
1247	259012.4	4026752.45	1.19E-03	2.17E-04	1.62E-04	0.00E+00
1248	259027.1	4026715	1.13E-03	2.07E-04	1.55E-04	0.00E+00
1249	259041.7	4026677.55	1.08E-03	1.97E-04	1.47E-04	0.00E+00
1250	259056.4	4026640.1	1.02E-03	1.86E-04	1.39E-04	0.00E+00
1251	259071	4026602.65	9.58E-04	1.75E-04	1.31E-04	0.00E+00
1252	259104.1	4026557.11	9.15E-04	1.67E-04	1.25E-04	0.00E+00
1253	259140.9	4026540.94	9.30E-04	1.70E-04	1.27E-04	0.00E+00
1254	259177.7	4026524.76	9.44E-04	1.73E-04	1.29E-04	0.00E+00
1255	259251.4	4026492.42	9.70E-04	1.78E-04	1.33E-04	0.00E+00
1256	259288.2	4026476.25	9.77E-04	1.79E-04	1.34E-04	0.00E+00
1257	259325	4026460.08	9.99E-04	1.83E-04	1.36E-04	0.00E+00
1258	259361.8	4026443.9	1.03E-03	1.89E-04	1.41E-04	0.00E+00
1259	259398.7	4026427.73	1.06E-03	1.93E-04	1.44E-04	0.00E+00
1260	258946.9	4026941.86	1.54E-03	2.82E-04	2.11E-04	0.00E+00
1261	258947.7	4026983.61	1.65E-03	3.02E-04	2.26E-04	0.00E+00
1262	258948.5	4027025.36	1.76E-03	3.22E-04	2.40E-04	0.00E+00

1263	259070.8	4026470.81	7.55E-04	1.38E-04	1.03E-04	0.00E+00
1264	259108.9	4026454.05	7.66E-04	1.40E-04	1.05E-04	0.00E+00
1265	259147.1	4026437.29	7.79E-04	1.43E-04	1.06E-04	0.00E+00
1266	259185.3	4026420.53	7.90E-04	1.45E-04	1.08E-04	0.00E+00
1267	259223.4	4026403.76	7.94E-04	1.45E-04	1.09E-04	0.00E+00
1268	259299.7	4026370.24	8.23E-04	1.51E-04	1.12E-04	0.00E+00
1269	259337.9	4026353.48	8.40E-04	1.54E-04	1.15E-04	0.00E+00
1270	259376	4026336.72	8.56E-04	1.57E-04	1.17E-04	0.00E+00
1271	258754	4026905.64	1.10E-03	2.01E-04	1.50E-04	0.00E+00
1272	258769	4026867.32	1.07E-03	1.95E-04	1.46E-04	0.00E+00
1273	258784	4026829.01	1.03E-03	1.89E-04	1.41E-04	0.00E+00
1274	258799	4026790.69	9.94E-04	1.82E-04	1.36E-04	0.00E+00
1275	258814	4026752.38	9.50E-04	1.74E-04	1.30E-04	0.00E+00
1276	258829	4026714.06	9.04E-04	1.65E-04	1.23E-04	0.00E+00
1277	258844	4026675.75	8.61E-04	1.58E-04	1.18E-04	0.00E+00
1278	258858.9	4026637.43	8.21E-04	1.50E-04	1.12E-04	0.00E+00
1279	258873.9	4026599.12	7.85E-04	1.44E-04	1.07E-04	0.00E+00
1280	258888.9	4026560.8	7.47E-04	1.37E-04	1.02E-04	0.00E+00
1281	258903.9	4026522.49	7.08E-04	1.30E-04	9.68E-05	0.00E+00
1282	258918.9	4026484.17	6.72E-04	1.23E-04	9.18E-05	0.00E+00
1283	258933.9	4026445.86	6.38E-04	1.17E-04	8.72E-05	0.00E+00
1284	258960.2	4026418.42	6.24E-04	1.14E-04	8.53E-05	0.00E+00
1285	258997.9	4026401.88	6.29E-04	1.15E-04	8.59E-05	0.00E+00
1286	259035.6	4026385.33	6.37E-04	1.17E-04	8.71E-05	0.00E+00
1287	259110.9	4026352.24	6.56E-04	1.20E-04	8.96E-05	0.00E+00
1288	259148.6	4026335.7	6.65E-04	1.22E-04	9.09E-05	0.00E+00
1289	259186.2	4026319.15	6.76E-04	1.24E-04	9.24E-05	0.00E+00
1290	259223.9	4026302.61	6.86E-04	1.26E-04	9.37E-05	0.00E+00
1291	259261.6	4026286.06	6.96E-04	1.27E-04	9.51E-05	0.00E+00
1292	259299.3	4026269.52	7.04E-04	1.29E-04	9.62E-05	0.00E+00
1293	258746.9	4026945.67	1.13E-03	2.08E-04	1.55E-04	0.00E+00
1294	258747.7	4026987.42	1.18E-03	2.16E-04	1.61E-04	0.00E+00
1295	258748.5	4027029.18	1.23E-03	2.25E-04	1.68E-04	0.00E+00
1296	258554.2	4026909.2	8.72E-04	1.60E-04	1.19E-04	0.00E+00
1297	258569.3	4026870.39	8.60E-04	1.57E-04	1.18E-04	0.00E+00
1298	258584.5	4026831.58	8.39E-04	1.54E-04	1.15E-04	0.00E+00
1299	258599.7	4026792.76	8.18E-04	1.50E-04	1.12E-04	0.00E+00
1300	258614.9	4026753.95	7.95E-04	1.46E-04	1.09E-04	0.00E+00
1301	258630.1	4026715.14	7.66E-04	1.40E-04	1.05E-04	0.00E+00
1302	258645.3	4026676.33	7.38E-04	1.35E-04	1.01E-04	0.00E+00
1303	258660.4	4026637.51	7.10E-04	1.30E-04	9.70E-05	0.00E+00
1304	258675.6	4026598.7	6.82E-04	1.25E-04	9.32E-05	0.00E+00
1305	258690.8	4026559.89	6.55E-04	1.20E-04	8.95E-05	0.00E+00
1306	258706	4026521.08	6.27E-04	1.15E-04	8.57E-05	0.00E+00
1307	258721.2	4026482.26	5.98E-04	1.10E-04	8.18E-05	0.00E+00
1308	258736.4	4026443.45	5.69E-04	1.04E-04	7.78E-05	0.00E+00
1309	258751.6	4026404.64	5.41E-04	9.91E-05	7.40E-05	0.00E+00

1310	258766.7	4026365.83	5.14E-04	9.41E-05	7.03E-05	0.00E+00
1311	258781.9	4026327.01	4.88E-04	8.94E-05	6.67E-05	0.00E+00
1312	258816.2	4026279.82	4.66E-04	8.53E-05	6.37E-05	0.00E+00
1313	258854.3	4026263.06	4.67E-04	8.55E-05	6.38E-05	0.00E+00
1314	258892.5	4026246.3	4.71E-04	8.62E-05	6.44E-05	0.00E+00
1315	258968.8	4026212.78	4.83E-04	8.84E-05	6.60E-05	0.00E+00
1316	259007	4026196.02	4.89E-04	8.96E-05	6.69E-05	0.00E+00
1317	259045.1	4026179.26	4.97E-04	9.11E-05	6.80E-05	0.00E+00
1318	259083.3	4026162.5	5.06E-04	9.27E-05	6.92E-05	0.00E+00
1319	259121.5	4026145.74	5.15E-04	9.43E-05	7.04E-05	0.00E+00
1320	259159.6	4026128.98	5.23E-04	9.57E-05	7.14E-05	0.00E+00
1321	258547	4026949.49	8.89E-04	1.63E-04	1.22E-04	0.00E+00
1322	258547.8	4026991.24	9.18E-04	1.68E-04	1.26E-04	0.00E+00
1323	258548.6	4027032.99	9.46E-04	1.73E-04	1.29E-04	0.00E+00
1324	258354.1	4026913.33	7.25E-04	1.33E-04	9.91E-05	0.00E+00
1325	258369	4026875.15	7.16E-04	1.31E-04	9.78E-05	0.00E+00
1326	258383.9	4026836.97	7.00E-04	1.28E-04	9.57E-05	0.00E+00
1327	258398.9	4026798.79	6.94E-04	1.27E-04	9.48E-05	0.00E+00
1328	258413.8	4026760.61	6.83E-04	1.25E-04	9.33E-05	0.00E+00
1329	258428.8	4026722.43	6.66E-04	1.22E-04	9.10E-05	0.00E+00
1330	258443.7	4026684.24	6.49E-04	1.19E-04	8.87E-05	0.00E+00
1331	258458.6	4026646.06	6.31E-04	1.15E-04	8.62E-05	0.00E+00
1332	258473.6	4026607.88	6.13E-04	1.12E-04	8.37E-05	0.00E+00
1333	258488.5	4026569.7	5.93E-04	1.09E-04	8.11E-05	0.00E+00
1334	258503.4	4026531.52	5.75E-04	1.05E-04	7.86E-05	0.00E+00
1335	258518.4	4026493.34	5.57E-04	1.02E-04	7.61E-05	0.00E+00
1336	258533.3	4026455.15	5.37E-04	9.83E-05	7.34E-05	0.00E+00
1337	258548.3	4026416.97	5.16E-04	9.46E-05	7.06E-05	0.00E+00
1338	258563.2	4026378.79	4.94E-04	9.05E-05	6.76E-05	0.00E+00
1339	258578.1	4026340.61	4.73E-04	8.66E-05	6.46E-05	0.00E+00
1340	258593.1	4026302.43	4.50E-04	8.24E-05	6.15E-05	0.00E+00
1341	258608	4026264.25	4.27E-04	7.82E-05	5.84E-05	0.00E+00
1342	258622.9	4026226.07	4.07E-04	7.46E-05	5.57E-05	0.00E+00
1343	258637.9	4026187.88	3.89E-04	7.12E-05	5.32E-05	0.00E+00
1344	258671.6	4026141.46	3.71E-04	6.79E-05	5.06E-05	0.00E+00
1345	258709.1	4026124.97	3.69E-04	6.76E-05	5.04E-05	0.00E+00
1346	258746.7	4026108.48	3.70E-04	6.77E-05	5.05E-05	0.00E+00
1347	258821.7	4026075.51	3.76E-04	6.89E-05	5.14E-05	0.00E+00
1348	258859.3	4026059.02	3.82E-04	6.99E-05	5.21E-05	0.00E+00
1349	258896.8	4026042.53	3.88E-04	7.11E-05	5.31E-05	0.00E+00
1350	258934.4	4026026.04	3.95E-04	7.23E-05	5.40E-05	0.00E+00
1351	258971.9	4026009.56	4.02E-04	7.36E-05	5.49E-05	0.00E+00
1352	259009.4	4025993.07	4.09E-04	7.49E-05	5.59E-05	0.00E+00
1353	258347	4026953.3	7.37E-04	1.35E-04	1.01E-04	0.00E+00
1354	258347.8	4026995.05	7.57E-04	1.39E-04	1.03E-04	0.00E+00
1355	258348.6	4027036.81	7.77E-04	1.42E-04	1.06E-04	0.00E+00
1356	258154.2	4026916.97	6.22E-04	1.14E-04	8.50E-05	0.00E+00

1357	258169.3	4026878.43	6.18E-04	1.13E-04	8.45E-05	0.00E+00
1358	258184.3	4026839.88	6.10E-04	1.12E-04	8.34E-05	0.00E+00
1359	258199.4	4026801.34	5.99E-04	1.10E-04	8.19E-05	0.00E+00
1360	258214.5	4026762.8	5.88E-04	1.08E-04	8.04E-05	0.00E+00
1361	258229.6	4026724.25	5.78E-04	1.06E-04	7.90E-05	0.00E+00
1362	258244.6	4026685.71	5.66E-04	1.04E-04	7.73E-05	0.00E+00
1363	258259.7	4026647.17	5.55E-04	1.02E-04	7.59E-05	0.00E+00
1364	258274.8	4026608.62	5.44E-04	9.96E-05	7.44E-05	0.00E+00
1365	258289.9	4026570.08	5.33E-04	9.75E-05	7.28E-05	0.00E+00
1366	258305	4026531.54	5.20E-04	9.52E-05	7.11E-05	0.00E+00
1367	258320	4026492.99	5.09E-04	9.32E-05	6.95E-05	0.00E+00
1368	258335.1	4026454.45	4.96E-04	9.09E-05	6.78E-05	0.00E+00
1369	258350.2	4026415.91	4.83E-04	8.85E-05	6.60E-05	0.00E+00
1370	258365.3	4026377.36	4.69E-04	8.58E-05	6.40E-05	0.00E+00
1371	258380.4	4026338.82	4.53E-04	8.30E-05	6.20E-05	0.00E+00
1372	258395.4	4026300.28	4.37E-04	8.00E-05	5.97E-05	0.00E+00
1373	258410.5	4026261.73	4.18E-04	7.66E-05	5.72E-05	0.00E+00
1374	258425.6	4026223.19	4.00E-04	7.33E-05	5.47E-05	0.00E+00
1375	258440.7	4026184.65	3.81E-04	6.98E-05	5.21E-05	0.00E+00
1376	258455.8	4026146.11	3.63E-04	6.65E-05	4.97E-05	0.00E+00
1377	258470.8	4026107.56	3.47E-04	6.35E-05	4.74E-05	0.00E+00
1378	258485.9	4026069.02	3.31E-04	6.05E-05	4.52E-05	0.00E+00
1379	258501	4026030.48	3.16E-04	5.79E-05	4.32E-05	0.00E+00
1380	258527.5	4026002.88	3.07E-04	5.63E-05	4.20E-05	0.00E+00
1381	258565.4	4025986.24	3.04E-04	5.57E-05	4.16E-05	0.00E+00
1382	258603.3	4025969.59	3.04E-04	5.56E-05	4.15E-05	0.00E+00
1383	258641.2	4025952.95	3.05E-04	5.58E-05	4.17E-05	0.00E+00
1384	258679.1	4025936.31	3.08E-04	5.64E-05	4.21E-05	0.00E+00
1385	258717	4025919.66	3.11E-04	5.70E-05	4.25E-05	0.00E+00
1386	258754.8	4025903.02	3.16E-04	5.78E-05	4.31E-05	0.00E+00
1387	258792.7	4025886.37	3.21E-04	5.87E-05	4.38E-05	0.00E+00
1388	258830.6	4025869.73	3.27E-04	5.99E-05	4.47E-05	0.00E+00
1389	258868.5	4025853.09	3.34E-04	6.12E-05	4.57E-05	0.00E+00
1390	258147	4026957.12	6.31E-04	1.16E-04	8.63E-05	0.00E+00
1391	258147.8	4026998.87	6.52E-04	1.19E-04	8.92E-05	0.00E+00
1392	258148.6	4027040.62	6.69E-04	1.22E-04	9.14E-05	0.00E+00
1393	257954.3	4026920.65	5.60E-04	1.03E-04	7.66E-05	0.00E+00
1394	257969.4	4026881.84	5.53E-04	1.01E-04	7.55E-05	0.00E+00
1395	257984.6	4026843.02	5.44E-04	9.96E-05	7.44E-05	0.00E+00
1396	257999.8	4026804.21	5.35E-04	9.80E-05	7.32E-05	0.00E+00
1397	258015	4026765.4	5.24E-04	9.60E-05	7.16E-05	0.00E+00
1398	258030.2	4026726.59	5.13E-04	9.40E-05	7.02E-05	0.00E+00
1399	258045.4	4026687.77	5.02E-04	9.20E-05	6.86E-05	0.00E+00
1400	258060.6	4026648.96	4.93E-04	9.03E-05	6.74E-05	0.00E+00
1401	258075.7	4026610.15	4.85E-04	8.88E-05	6.63E-05	0.00E+00
1402	258090.9	4026571.33	4.76E-04	8.71E-05	6.50E-05	0.00E+00
1403	258106.1	4026532.52	4.67E-04	8.56E-05	6.39E-05	0.00E+00

1404	258121.3	4026493.71	4.60E-04	8.43E-05	6.29E-05	0.00E+00
1405	258136.5	4026454.9	4.53E-04	8.30E-05	6.20E-05	0.00E+00
1406	258151.7	4026416.08	4.46E-04	8.17E-05	6.10E-05	0.00E+00
1407	258166.8	4026377.27	4.38E-04	8.02E-05	5.98E-05	0.00E+00
1408	258182	4026338.46	4.29E-04	7.85E-05	5.86E-05	0.00E+00
1409	258197.2	4026299.65	4.18E-04	7.65E-05	5.71E-05	0.00E+00
1410	258212.4	4026260.83	4.06E-04	7.43E-05	5.54E-05	0.00E+00
1411	258227.6	4026222.02	3.92E-04	7.18E-05	5.36E-05	0.00E+00
1412	258242.8	4026183.21	3.79E-04	6.93E-05	5.18E-05	0.00E+00
1413	258258	4026144.4	3.63E-04	6.65E-05	4.96E-05	0.00E+00
1414	258273.1	4026105.58	3.48E-04	6.37E-05	4.76E-05	0.00E+00
1415	258288.3	4026066.77	3.32E-04	6.08E-05	4.54E-05	0.00E+00
1416	258303.5	4026027.96	3.16E-04	5.78E-05	4.32E-05	0.00E+00
1417	258318.7	4025989.14	3.02E-04	5.53E-05	4.13E-05	0.00E+00
1418	258333.9	4025950.33	2.88E-04	5.28E-05	3.94E-05	0.00E+00
1419	258349.1	4025911.52	2.76E-04	5.05E-05	3.77E-05	0.00E+00
1420	258383.3	4025864.33	2.63E-04	4.82E-05	3.60E-05	0.00E+00
1421	258421.5	4025847.57	2.60E-04	4.76E-05	3.55E-05	0.00E+00
1422	258459.6	4025830.81	2.58E-04	4.73E-05	3.53E-05	0.00E+00
1423	258497.8	4025814.05	2.58E-04	4.72E-05	3.52E-05	0.00E+00
1424	258536	4025797.28	2.59E-04	4.74E-05	3.54E-05	0.00E+00
1425	258574.1	4025780.52	2.61E-04	4.79E-05	3.57E-05	0.00E+00
1426	258612.3	4025763.76	2.65E-04	4.85E-05	3.62E-05	0.00E+00
1427	258650.4	4025747	2.69E-04	4.93E-05	3.68E-05	0.00E+00
1428	258688.6	4025730.24	2.74E-04	5.02E-05	3.75E-05	0.00E+00
1429	258726.8	4025713.48	2.80E-04	5.13E-05	3.83E-05	0.00E+00
1430	258764.9	4025696.72	2.86E-04	5.23E-05	3.91E-05	0.00E+00
1431	258803.1	4025679.96	2.92E-04	5.34E-05	3.98E-05	0.00E+00
1432	258841.2	4025663.2	2.97E-04	5.44E-05	4.06E-05	0.00E+00
1433	258879.4	4025646.44	3.02E-04	5.52E-05	4.12E-05	0.00E+00
1434	258917.6	4025629.68	3.05E-04	5.58E-05	4.17E-05	0.00E+00
1435	258955.7	4025612.92	3.08E-04	5.64E-05	4.21E-05	0.00E+00
1436	258993.9	4025596.16	3.10E-04	5.67E-05	4.24E-05	0.00E+00
1437	259032	4025579.4	3.11E-04	5.69E-05	4.25E-05	0.00E+00
1438	259070.2	4025562.64	3.12E-04	5.71E-05	4.26E-05	0.00E+00
1439	259108.4	4025545.88	3.11E-04	5.70E-05	4.25E-05	0.00E+00
1440	259146.5	4025529.12	3.11E-04	5.69E-05	4.25E-05	0.00E+00
1441	259184.7	4025512.36	3.10E-04	5.68E-05	4.24E-05	0.00E+00
1442	259222.8	4025495.6	3.09E-04	5.67E-05	4.23E-05	0.00E+00
1443	259261	4025478.84	3.08E-04	5.64E-05	4.21E-05	0.00E+00
1444	259299.1	4025462.08	3.06E-04	5.61E-05	4.19E-05	0.00E+00
1445	259337.3	4025445.32	3.05E-04	5.58E-05	4.17E-05	0.00E+00
1446	259375.5	4025428.56	3.03E-04	5.55E-05	4.14E-05	0.00E+00
1447	257947.1	4026960.93	5.70E-04	1.04E-04	7.79E-05	0.00E+00
1448	257947.9	4027002.69	5.83E-04	1.07E-04	7.96E-05	0.00E+00
1449	257948.7	4027044.44	5.93E-04	1.09E-04	8.10E-05	0.00E+00
1450	259440.8	4026786.83	4.18E-03	7.65E-04	5.71E-04	0.00E+00

1451	259379.5	4026788.79	3.19E-03	5.85E-04	4.37E-04	0.00E+00
1452	259436	4026636.9	2.04E-03	3.74E-04	2.79E-04	0.00E+00
1453	259432.8	4026536.95	1.48E-03	2.71E-04	2.02E-04	0.00E+00
1454	259426.4	4026337.06	9.15E-04	1.67E-04	1.25E-04	0.00E+00
1455	259420	4026137.16	6.48E-04	1.19E-04	8.86E-05	0.00E+00
1456	259379.1	4026138.47	6.27E-04	1.15E-04	8.57E-05	0.00E+00
1457	259413.7	4025937.26	4.98E-04	9.12E-05	6.81E-05	0.00E+00
1458	259372.8	4025938.57	4.87E-04	8.91E-05	6.65E-05	0.00E+00
1459	259407.3	4025737.36	4.01E-04	7.33E-05	5.48E-05	0.00E+00
1460	259366.4	4025738.67	3.94E-04	7.22E-05	5.39E-05	0.00E+00
1461	259400.9	4025537.46	3.33E-04	6.10E-05	4.55E-05	0.00E+00
1462	259360	4025538.77	3.30E-04	6.04E-05	4.51E-05	0.00E+00
1463	259359.6	4026838.1	3.80E-03	6.95E-04	5.19E-04	0.00E+00
1464	259400.7	4026338.79	8.86E-04	1.62E-04	1.21E-04	0.00E+00
1465	259330.9	4027040.02	1.09E-02	2.00E-03	1.49E-03	0.00E+00
1466	259334.1	4027080.58	1.51E-02	2.76E-03	2.06E-03	0.00E+00
1467	259338.1	4026995.92	8.18E-03	1.50E-03	1.12E-03	0.00E+00
1468	259306	4027041.98	8.11E-03	1.49E-03	1.11E-03	0.00E+00
1469	259309.2	4027082.54	1.02E-02	1.87E-03	1.40E-03	0.00E+00
1470	259338.6	4026970.92	6.99E-03	1.28E-03	9.55E-04	0.00E+00
1471	259282.6	4027064.21	7.19E-03	1.32E-03	9.82E-04	0.00E+00
1472	259285.8	4027104.77	8.45E-03	1.55E-03	1.16E-03	0.00E+00
1473	259320.4	4026953.78	5.56E-03	1.02E-03	7.60E-04	0.00E+00
1474	259259.3	4027086.45	6.40E-03	1.17E-03	8.74E-04	0.00E+00
1475	259219.7	4027011.6	3.99E-03	7.31E-04	5.45E-04	0.00E+00
1476	259233.2	4026973.4	3.75E-03	6.86E-04	5.12E-04	0.00E+00
1477	259206.3	4027049.81	4.16E-03	7.62E-04	5.69E-04	0.00E+00
1478	259209.5	4027090.37	4.69E-03	8.59E-04	6.41E-04	0.00E+00
1479	259176.6	4026996.42	3.17E-03	5.80E-04	4.33E-04	0.00E+00
1480	259156.4	4027053.73	3.37E-03	6.17E-04	4.60E-04	0.00E+00
1481	259159.6	4027094.29	3.72E-03	6.80E-04	5.08E-04	0.00E+00
1482	259113.3	4027038.54	2.78E-03	5.10E-04	3.81E-04	0.00E+00
1483	259126.8	4027000.33	2.68E-03	4.90E-04	3.66E-04	0.00E+00
1484	259192.5	4026858.76	2.25E-03	4.12E-04	3.08E-04	0.00E+00
1485	259267.2	4026827.36	2.56E-03	4.68E-04	3.50E-04	0.00E+00
1486	259108.2	4027077.92	2.95E-03	5.40E-04	4.03E-04	0.00E+00
1487	259111.4	4027118.48	3.19E-03	5.85E-04	4.36E-04	0.00E+00
1488	259090.4	4026966.04	2.22E-03	4.07E-04	3.04E-04	0.00E+00
1489	259103.8	4026927.84	2.11E-03	3.87E-04	2.89E-04	0.00E+00
1490	259117.3	4026889.63	1.99E-03	3.64E-04	2.72E-04	0.00E+00
1491	259130.8	4026851.43	1.86E-03	3.41E-04	2.55E-04	0.00E+00
1492	259156.2	4026824.47	1.86E-03	3.40E-04	2.54E-04	0.00E+00
1493	259212.2	4026800.92	2.01E-03	3.68E-04	2.74E-04	0.00E+00
1494	259268.2	4026777.37	2.16E-03	3.95E-04	2.95E-04	0.00E+00
1495	259058.3	4027081.84	2.53E-03	4.62E-04	3.45E-04	0.00E+00
1496	259061.5	4027122.4	2.71E-03	4.97E-04	3.71E-04	0.00E+00
1497	258963.8	4027050.29	1.88E-03	3.45E-04	2.57E-04	0.00E+00

1498	258977.2	4027012.08	1.84E-03	3.36E-04	2.51E-04	0.00E+00
1499	258990.7	4026973.88	1.77E-03	3.25E-04	2.42E-04	0.00E+00
1500	259004.2	4026935.67	1.70E-03	3.11E-04	2.32E-04	0.00E+00
1501	259031.1	4026859.26	1.52E-03	2.79E-04	2.08E-04	0.00E+00
1502	259044.5	4026821.05	1.43E-03	2.62E-04	1.96E-04	0.00E+00
1503	259058	4026782.85	1.35E-03	2.47E-04	1.84E-04	0.00E+00
1504	259083.4	4026755.89	1.34E-03	2.45E-04	1.83E-04	0.00E+00
1505	259176.7	4026716.64	1.47E-03	2.70E-04	2.01E-04	0.00E+00
1506	259214.1	4026700.94	1.52E-03	2.78E-04	2.07E-04	0.00E+00
1507	258958.6	4027089.67	1.96E-03	3.59E-04	2.68E-04	0.00E+00
1508	258961.8	4027130.23	2.08E-03	3.81E-04	2.84E-04	0.00E+00
1509	258884.3	4027000.81	1.50E-03	2.75E-04	2.05E-04	0.00E+00
1510	258897.7	4026962.61	1.46E-03	2.67E-04	1.99E-04	0.00E+00
1511	258911.2	4026924.4	1.41E-03	2.58E-04	1.93E-04	0.00E+00
1512	258924.6	4026886.19	1.36E-03	2.49E-04	1.86E-04	0.00E+00
1513	258938.1	4026847.99	1.30E-03	2.38E-04	1.78E-04	0.00E+00
1514	258951.6	4026809.78	1.23E-03	2.25E-04	1.68E-04	0.00E+00
1515	258965	4026771.58	1.16E-03	2.12E-04	1.58E-04	0.00E+00
1516	258978.5	4026733.37	1.10E-03	2.01E-04	1.50E-04	0.00E+00
1517	259010.6	4026687.32	1.05E-03	1.92E-04	1.44E-04	0.00E+00
1518	259066.6	4026663.76	1.08E-03	1.98E-04	1.48E-04	0.00E+00
1519	259103.9	4026648.06	1.11E-03	2.03E-04	1.51E-04	0.00E+00
1520	259141.3	4026632.36	1.13E-03	2.07E-04	1.54E-04	0.00E+00
1521	258857.4	4027077.22	1.56E-03	2.85E-04	2.13E-04	0.00E+00
1522	258860.5	4027117.78	1.63E-03	2.99E-04	2.23E-04	0.00E+00
1523	258764.4	4027065.95	1.31E-03	2.39E-04	1.79E-04	0.00E+00
1524	258777.9	4027027.75	1.29E-03	2.35E-04	1.76E-04	0.00E+00
1525	258791.3	4026989.54	1.26E-03	2.32E-04	1.73E-04	0.00E+00
1526	258804.8	4026951.34	1.24E-03	2.27E-04	1.69E-04	0.00E+00
1527	258818.2	4026913.13	1.21E-03	2.21E-04	1.65E-04	0.00E+00
1528	258831.7	4026874.92	1.17E-03	2.14E-04	1.60E-04	0.00E+00
1529	258845.1	4026836.72	1.13E-03	2.06E-04	1.54E-04	0.00E+00
1530	258858.6	4026798.51	1.08E-03	1.97E-04	1.47E-04	0.00E+00
1531	258872	4026760.31	1.02E-03	1.87E-04	1.40E-04	0.00E+00
1532	258885.5	4026722.1	9.70E-04	1.78E-04	1.33E-04	0.00E+00
1533	258899	4026683.9	9.23E-04	1.69E-04	1.26E-04	0.00E+00
1534	258912.4	4026645.69	8.77E-04	1.61E-04	1.20E-04	0.00E+00
1535	258937.8	4026618.74	8.59E-04	1.57E-04	1.17E-04	0.00E+00
1536	259012.5	4026587.33	8.72E-04	1.60E-04	1.19E-04	0.00E+00
1537	259049.8	4026571.63	8.80E-04	1.61E-04	1.20E-04	0.00E+00
1538	258759.3	4027105.34	1.34E-03	2.46E-04	1.84E-04	0.00E+00
1539	258762.4	4027145.9	1.40E-03	2.56E-04	1.91E-04	0.00E+00
1540	258684.9	4027016.48	1.11E-03	2.04E-04	1.52E-04	0.00E+00
1541	258698.3	4026978.27	1.10E-03	2.01E-04	1.50E-04	0.00E+00
1542	258711.8	4026940.07	1.08E-03	1.97E-04	1.47E-04	0.00E+00
1543	258725.3	4026901.86	1.05E-03	1.93E-04	1.44E-04	0.00E+00
1544	258738.7	4026863.65	1.02E-03	1.88E-04	1.40E-04	0.00E+00

1545	258752.2	4026825.45	9.91E-04	1.81E-04	1.35E-04	0.00E+00
1546	258765.6	4026787.24	9.53E-04	1.75E-04	1.30E-04	0.00E+00
1547	258779.1	4026749.04	9.13E-04	1.67E-04	1.25E-04	0.00E+00
1548	258792.5	4026710.83	8.71E-04	1.59E-04	1.19E-04	0.00E+00
1549	258806	4026672.63	8.30E-04	1.52E-04	1.13E-04	0.00E+00
1550	258819.5	4026634.42	7.92E-04	1.45E-04	1.08E-04	0.00E+00
1551	258832.9	4026596.21	7.57E-04	1.39E-04	1.03E-04	0.00E+00
1552	258865	4026550.16	7.21E-04	1.32E-04	9.85E-05	0.00E+00
1553	258939.7	4026518.75	7.24E-04	1.32E-04	9.89E-05	0.00E+00
1554	258977.1	4026503.05	7.27E-04	1.33E-04	9.94E-05	0.00E+00
1555	258658	4027092.89	1.14E-03	2.09E-04	1.56E-04	0.00E+00
1556	258661.2	4027133.45	1.18E-03	2.17E-04	1.62E-04	0.00E+00
1557	258465.3	4027089.45	9.04E-04	1.65E-04	1.24E-04	0.00E+00
1558	258485.5	4027032.14	8.78E-04	1.61E-04	1.20E-04	0.00E+00
1559	258499	4026993.94	8.68E-04	1.59E-04	1.19E-04	0.00E+00
1560	258512.4	4026955.73	8.58E-04	1.57E-04	1.17E-04	0.00E+00
1561	258525.9	4026917.52	8.50E-04	1.56E-04	1.16E-04	0.00E+00
1562	258539.3	4026879.32	8.37E-04	1.53E-04	1.14E-04	0.00E+00
1563	258552.8	4026841.11	8.21E-04	1.50E-04	1.12E-04	0.00E+00
1564	258566.2	4026802.91	8.00E-04	1.47E-04	1.09E-04	0.00E+00
1565	258579.7	4026764.7	7.80E-04	1.43E-04	1.07E-04	0.00E+00
1566	258593.2	4026726.5	7.56E-04	1.38E-04	1.03E-04	0.00E+00
1567	258606.6	4026688.29	7.30E-04	1.34E-04	9.98E-05	0.00E+00
1568	258620.1	4026650.09	7.03E-04	1.29E-04	9.61E-05	0.00E+00
1569	258633.5	4026611.88	6.76E-04	1.24E-04	9.23E-05	0.00E+00
1570	258647	4026573.67	6.50E-04	1.19E-04	8.88E-05	0.00E+00
1571	258660.4	4026535.47	6.23E-04	1.14E-04	8.51E-05	0.00E+00
1572	258673.9	4026497.26	5.98E-04	1.09E-04	8.17E-05	0.00E+00
1573	258687.3	4026459.06	5.71E-04	1.05E-04	7.80E-05	0.00E+00
1574	258719.5	4026413	5.42E-04	9.92E-05	7.40E-05	0.00E+00
1575	258775.5	4026389.45	5.34E-04	9.78E-05	7.30E-05	0.00E+00
1576	258812.8	4026373.75	5.31E-04	9.72E-05	7.26E-05	0.00E+00
1577	258850.2	4026358.04	5.29E-04	9.69E-05	7.23E-05	0.00E+00
1578	258924.8	4026326.64	5.34E-04	9.77E-05	7.29E-05	0.00E+00
1579	258962.2	4026310.94	5.39E-04	9.86E-05	7.36E-05	0.00E+00
1580	258999.5	4026295.24	5.46E-04	9.99E-05	7.46E-05	0.00E+00
1581	259036.9	4026279.54	5.54E-04	1.01E-04	7.57E-05	0.00E+00
1582	259074.2	4026263.84	5.63E-04	1.03E-04	7.70E-05	0.00E+00
1583	259167.5	4026224.58	5.86E-04	1.07E-04	8.01E-05	0.00E+00
1584	259204.9	4026208.88	5.94E-04	1.09E-04	8.11E-05	0.00E+00
1585	259242.2	4026193.18	6.02E-04	1.10E-04	8.22E-05	0.00E+00
1586	259279.6	4026177.48	6.06E-04	1.11E-04	8.28E-05	0.00E+00
1587	259316.9	4026161.77	6.11E-04	1.12E-04	8.36E-05	0.00E+00
1588	259354.2	4026146.07	6.21E-04	1.14E-04	8.48E-05	0.00E+00
1589	258460.2	4027128.83	9.27E-04	1.70E-04	1.27E-04	0.00E+00
1590	258463.4	4027169.39	9.56E-04	1.75E-04	1.31E-04	0.00E+00
1591	258265.9	4027105.12	7.62E-04	1.39E-04	1.04E-04	0.00E+00

1592	258279.4	4027066.91	7.50E-04	1.37E-04	1.02E-04	0.00E+00
1593	258292.8	4027028.7	7.39E-04	1.35E-04	1.01E-04	0.00E+00
1594	258306.3	4026990.5	7.29E-04	1.33E-04	9.96E-05	0.00E+00
1595	258319.8	4026952.29	7.20E-04	1.32E-04	9.83E-05	0.00E+00
1596	258339.9	4026894.98	7.09E-04	1.30E-04	9.68E-05	0.00E+00
1597	258353.4	4026856.78	6.97E-04	1.28E-04	9.53E-05	0.00E+00
1598	258366.9	4026818.57	6.84E-04	1.25E-04	9.35E-05	0.00E+00
1599	258380.3	4026780.37	6.75E-04	1.24E-04	9.23E-05	0.00E+00
1600	258393.8	4026742.16	6.61E-04	1.21E-04	9.04E-05	0.00E+00
1601	258407.2	4026703.96	6.45E-04	1.18E-04	8.81E-05	0.00E+00
1602	258420.7	4026665.75	6.27E-04	1.15E-04	8.57E-05	0.00E+00
1603	258434.1	4026627.54	6.10E-04	1.12E-04	8.33E-05	0.00E+00
1604	258447.6	4026589.34	5.92E-04	1.08E-04	8.09E-05	0.00E+00
1605	258461	4026551.13	5.75E-04	1.05E-04	7.85E-05	0.00E+00
1606	258474.5	4026512.93	5.57E-04	1.02E-04	7.61E-05	0.00E+00
1607	258488	4026474.72	5.39E-04	9.86E-05	7.36E-05	0.00E+00
1608	258501.4	4026436.52	5.19E-04	9.51E-05	7.10E-05	0.00E+00
1609	258514.9	4026398.31	5.00E-04	9.16E-05	6.84E-05	0.00E+00
1610	258528.3	4026360.11	4.80E-04	8.79E-05	6.56E-05	0.00E+00
1611	258541.8	4026321.9	4.59E-04	8.40E-05	6.27E-05	0.00E+00
1612	258573.9	4026275.84	4.32E-04	7.91E-05	5.91E-05	0.00E+00
1613	258629.9	4026252.29	4.22E-04	7.74E-05	5.77E-05	0.00E+00
1614	258667.3	4026236.59	4.17E-04	7.63E-05	5.70E-05	0.00E+00
1615	258704.6	4026220.89	4.12E-04	7.55E-05	5.64E-05	0.00E+00
1616	258779.3	4026189.48	4.09E-04	7.48E-05	5.58E-05	0.00E+00
1617	258816.6	4026173.78	4.12E-04	7.54E-05	5.63E-05	0.00E+00
1618	258854	4026158.08	4.17E-04	7.63E-05	5.70E-05	0.00E+00
1619	258891.3	4026142.38	4.22E-04	7.74E-05	5.77E-05	0.00E+00
1620	258928.6	4026126.68	4.29E-04	7.86E-05	5.87E-05	0.00E+00
1621	259022	4026087.42	4.47E-04	8.19E-05	6.11E-05	0.00E+00
1622	259059.3	4026071.72	4.54E-04	8.32E-05	6.21E-05	0.00E+00
1623	259096.7	4026056.02	4.61E-04	8.44E-05	6.30E-05	0.00E+00
1624	259134	4026040.32	4.67E-04	8.56E-05	6.39E-05	0.00E+00
1625	259171.3	4026024.62	4.72E-04	8.65E-05	6.46E-05	0.00E+00
1626	259208.7	4026008.92	4.77E-04	8.73E-05	6.52E-05	0.00E+00
1627	259246	4025993.21	4.80E-04	8.80E-05	6.57E-05	0.00E+00
1628	259283.4	4025977.51	4.83E-04	8.85E-05	6.61E-05	0.00E+00
1629	259320.7	4025961.81	4.85E-04	8.89E-05	6.63E-05	0.00E+00
1630	258260.8	4027144.5	7.81E-04	1.43E-04	1.07E-04	0.00E+00
1631	258264	4027185.06	8.01E-04	1.47E-04	1.10E-04	0.00E+00
1632	258066.5	4027120.78	6.66E-04	1.22E-04	9.10E-05	0.00E+00
1633	258080	4027082.57	6.57E-04	1.20E-04	8.98E-05	0.00E+00
1634	258093.5	4027044.37	6.50E-04	1.19E-04	8.88E-05	0.00E+00
1635	258106.9	4027006.16	6.40E-04	1.17E-04	8.74E-05	0.00E+00
1636	258120.4	4026967.96	6.27E-04	1.15E-04	8.57E-05	0.00E+00
1637	258133.8	4026929.75	6.16E-04	1.13E-04	8.42E-05	0.00E+00
1638	258147.3	4026891.55	6.13E-04	1.12E-04	8.37E-05	0.00E+00

1639	258160.7	4026853.34	6.06E-04	1.11E-04	8.29E-05	0.00E+00
1640	258174.2	4026815.14	5.95E-04	1.09E-04	8.13E-05	0.00E+00
1641	258187.7	4026776.93	5.82E-04	1.07E-04	7.95E-05	0.00E+00
1642	258201.1	4026738.72	5.73E-04	1.05E-04	7.84E-05	0.00E+00
1643	258214.6	4026700.52	5.62E-04	1.03E-04	7.68E-05	0.00E+00
1644	258228	4026662.31	5.50E-04	1.01E-04	7.51E-05	0.00E+00
1645	258241.5	4026624.11	5.39E-04	9.87E-05	7.37E-05	0.00E+00
1646	258254.9	4026585.9	5.28E-04	9.67E-05	7.22E-05	0.00E+00
1647	258268.4	4026547.7	5.17E-04	9.47E-05	7.07E-05	0.00E+00
1648	258281.8	4026509.49	5.06E-04	9.26E-05	6.91E-05	0.00E+00
1649	258295.3	4026471.28	4.94E-04	9.05E-05	6.75E-05	0.00E+00
1650	258308.8	4026433.08	4.83E-04	8.84E-05	6.60E-05	0.00E+00
1651	258322.2	4026394.87	4.70E-04	8.60E-05	6.42E-05	0.00E+00
1652	258335.7	4026356.67	4.56E-04	8.35E-05	6.23E-05	0.00E+00
1653	258349.1	4026318.46	4.41E-04	8.08E-05	6.03E-05	0.00E+00
1654	258362.6	4026280.26	4.25E-04	7.78E-05	5.81E-05	0.00E+00
1655	258376	4026242.05	4.08E-04	7.46E-05	5.57E-05	0.00E+00
1656	258389.5	4026203.84	3.90E-04	7.15E-05	5.34E-05	0.00E+00
1657	258403	4026165.64	3.73E-04	6.82E-05	5.09E-05	0.00E+00
1658	258428.4	4026138.69	3.60E-04	6.59E-05	4.92E-05	0.00E+00
1659	258503	4026107.28	3.47E-04	6.35E-05	4.74E-05	0.00E+00
1660	258540.4	4026091.58	3.40E-04	6.23E-05	4.65E-05	0.00E+00
1661	258577.7	4026075.88	3.35E-04	6.14E-05	4.58E-05	0.00E+00
1662	258615	4026060.18	3.32E-04	6.08E-05	4.54E-05	0.00E+00
1663	258652.4	4026044.48	3.32E-04	6.07E-05	4.53E-05	0.00E+00
1664	258689.7	4026028.77	3.33E-04	6.10E-05	4.55E-05	0.00E+00
1665	258727.1	4026013.07	3.36E-04	6.15E-05	4.59E-05	0.00E+00
1666	258764.4	4025997.37	3.40E-04	6.22E-05	4.65E-05	0.00E+00
1667	258801.7	4025981.67	3.44E-04	6.30E-05	4.70E-05	0.00E+00
1668	258876.4	4025950.27	3.56E-04	6.52E-05	4.87E-05	0.00E+00
1669	258913.8	4025934.56	3.63E-04	6.65E-05	4.96E-05	0.00E+00
1670	258951.1	4025918.86	3.71E-04	6.79E-05	5.06E-05	0.00E+00
1671	258988.4	4025903.16	3.78E-04	6.91E-05	5.16E-05	0.00E+00
1672	259025.8	4025887.46	3.83E-04	7.02E-05	5.24E-05	0.00E+00
1673	259063.1	4025871.76	3.88E-04	7.10E-05	5.30E-05	0.00E+00
1674	259100.5	4025856.06	3.91E-04	7.16E-05	5.34E-05	0.00E+00
1675	259137.8	4025840.35	3.93E-04	7.20E-05	5.38E-05	0.00E+00
1676	259175.1	4025824.65	3.94E-04	7.22E-05	5.39E-05	0.00E+00
1677	259212.5	4025808.95	3.96E-04	7.25E-05	5.41E-05	0.00E+00
1678	259249.8	4025793.25	3.97E-04	7.27E-05	5.43E-05	0.00E+00
1679	259287.1	4025777.55	3.97E-04	7.28E-05	5.43E-05	0.00E+00
1680	259324.5	4025761.85	3.97E-04	7.26E-05	5.42E-05	0.00E+00
1681	258061.4	4027160.16	6.76E-04	1.24E-04	9.23E-05	0.00E+00
1682	258064.6	4027200.72	6.90E-04	1.26E-04	9.42E-05	0.00E+00
1683	257867.2	4027136.45	5.85E-04	1.07E-04	7.99E-05	0.00E+00
1684	257880.6	4027098.24	5.80E-04	1.06E-04	7.93E-05	0.00E+00
1685	257894.1	4027060.03	5.78E-04	1.06E-04	7.90E-05	0.00E+00

1686	257907.5	4027021.83	5.74E-04	1.05E-04	7.85E-05	0.00E+00
1687	257921	4026983.62	5.69E-04	1.04E-04	7.77E-05	0.00E+00
1688	258008.5	4026735.29	5.12E-04	9.37E-05	6.99E-05	0.00E+00
1689	258021.9	4026697.08	5.01E-04	9.17E-05	6.85E-05	0.00E+00
1690	258035.4	4026658.87	4.90E-04	8.97E-05	6.70E-05	0.00E+00
1691	258048.8	4026620.67	4.81E-04	8.81E-05	6.58E-05	0.00E+00
1692	258062.3	4026582.46	4.72E-04	8.65E-05	6.46E-05	0.00E+00
1693	258075.7	4026544.26	4.64E-04	8.50E-05	6.34E-05	0.00E+00
1694	258089.2	4026506.05	4.57E-04	8.36E-05	6.24E-05	0.00E+00
1695	258102.6	4026467.85	4.49E-04	8.23E-05	6.14E-05	0.00E+00
1696	258116.1	4026429.64	4.42E-04	8.10E-05	6.04E-05	0.00E+00
1697	258129.6	4026391.44	4.35E-04	7.97E-05	5.95E-05	0.00E+00
1698	258143	4026353.23	4.27E-04	7.82E-05	5.83E-05	0.00E+00
1699	258156.5	4026315.02	4.18E-04	7.65E-05	5.71E-05	0.00E+00
1700	258169.9	4026276.82	4.08E-04	7.46E-05	5.57E-05	0.00E+00
1701	258183.4	4026238.61	3.95E-04	7.23E-05	5.40E-05	0.00E+00
1702	258196.8	4026200.41	3.82E-04	7.00E-05	5.22E-05	0.00E+00
1703	258210.3	4026162.2	3.70E-04	6.77E-05	5.06E-05	0.00E+00
1704	258223.8	4026124	3.55E-04	6.51E-05	4.86E-05	0.00E+00
1705	258237.2	4026085.79	3.41E-04	6.24E-05	4.66E-05	0.00E+00
1706	258250.7	4026047.58	3.26E-04	5.97E-05	4.45E-05	0.00E+00
1707	258282.8	4026001.53	3.08E-04	5.63E-05	4.20E-05	0.00E+00
1708	258338.8	4025977.98	2.98E-04	5.45E-05	4.07E-05	0.00E+00
1709	258376.1	4025962.27	2.91E-04	5.33E-05	3.98E-05	0.00E+00
1710	258413.5	4025946.57	2.86E-04	5.24E-05	3.91E-05	0.00E+00
1711	258450.8	4025930.87	2.82E-04	5.16E-05	3.85E-05	0.00E+00
1712	258488.2	4025915.17	2.79E-04	5.11E-05	3.82E-05	0.00E+00
1713	258525.5	4025899.47	2.78E-04	5.09E-05	3.80E-05	0.00E+00
1714	258562.8	4025883.77	2.79E-04	5.10E-05	3.81E-05	0.00E+00
1715	258600.2	4025868.06	2.81E-04	5.14E-05	3.84E-05	0.00E+00
1716	258637.5	4025852.36	2.84E-04	5.19E-05	3.88E-05	0.00E+00
1717	258674.9	4025836.66	2.87E-04	5.26E-05	3.93E-05	0.00E+00
1718	258712.2	4025820.96	2.92E-04	5.35E-05	3.99E-05	0.00E+00
1719	258749.5	4025805.26	2.97E-04	5.44E-05	4.06E-05	0.00E+00
1720	258786.9	4025789.56	3.03E-04	5.55E-05	4.14E-05	0.00E+00
1721	258824.2	4025773.85	3.10E-04	5.68E-05	4.24E-05	0.00E+00
1722	258861.5	4025758.15	3.17E-04	5.80E-05	4.33E-05	0.00E+00
1723	258898.9	4025742.45	3.22E-04	5.90E-05	4.40E-05	0.00E+00
1724	258936.2	4025726.75	3.27E-04	5.98E-05	4.47E-05	0.00E+00
1725	258973.6	4025711.05	3.30E-04	6.04E-05	4.51E-05	0.00E+00
1726	259010.9	4025695.35	3.33E-04	6.10E-05	4.55E-05	0.00E+00
1727	259048.2	4025679.64	3.35E-04	6.13E-05	4.58E-05	0.00E+00
1728	259085.6	4025663.94	3.36E-04	6.15E-05	4.59E-05	0.00E+00
1729	259122.9	4025648.24	3.37E-04	6.17E-05	4.61E-05	0.00E+00
1730	259160.3	4025632.54	3.38E-04	6.18E-05	4.61E-05	0.00E+00
1731	259197.6	4025616.84	3.38E-04	6.19E-05	4.62E-05	0.00E+00
1732	259234.9	4025601.14	3.37E-04	6.16E-05	4.60E-05	0.00E+00

1733	259272.3	4025585.44	3.35E-04	6.13E-05	4.58E-05	0.00E+00
1734	259309.6	4025569.73	3.34E-04	6.12E-05	4.57E-05	0.00E+00
1735	257862	4027175.83	5.98E-04	1.10E-04	8.17E-05	0.00E+00
1736	257865.2	4027216.39	6.10E-04	1.12E-04	8.33E-05	0.00E+00
1737	259335.9	4027123.45	1.74E-02	3.19E-03	2.38E-03	0.00E+00
1738	259336.3	4027147.64	1.81E-02	3.32E-03	2.48E-03	0.00E+00
1739	259336.6	4027171.84	1.87E-02	3.42E-03	2.55E-03	0.00E+00
1740	259337	4027196.03	1.86E-02	3.41E-03	2.55E-03	0.00E+00
1741	259337.3	4027220.23	1.89E-02	3.46E-03	2.58E-03	0.00E+00
1742	259337.6	4027244.43	1.91E-02	3.49E-03	2.61E-03	0.00E+00
1743	259338	4027268.62	1.93E-02	3.54E-03	2.64E-03	0.00E+00
1744	259310.9	4027123.8	1.17E-02	2.15E-03	1.61E-03	0.00E+00
1745	259311.3	4027147.99	1.23E-02	2.25E-03	1.68E-03	0.00E+00
1746	259311.6	4027172.19	1.27E-02	2.33E-03	1.74E-03	0.00E+00
1747	259312	4027196.39	1.31E-02	2.40E-03	1.79E-03	0.00E+00
1748	259312.3	4027220.58	1.34E-02	2.45E-03	1.83E-03	0.00E+00
1749	259312.6	4027244.78	1.36E-02	2.49E-03	1.86E-03	0.00E+00
1750	259313	4027268.97	1.38E-02	2.52E-03	1.88E-03	0.00E+00
1751	259286.3	4027148.35	9.29E-03	1.70E-03	1.27E-03	0.00E+00
1752	259286.6	4027172.54	9.68E-03	1.77E-03	1.32E-03	0.00E+00
1753	259287	4027196.74	1.00E-02	1.84E-03	1.37E-03	0.00E+00
1754	259287.3	4027220.93	1.03E-02	1.88E-03	1.41E-03	0.00E+00
1755	259287.7	4027245.13	1.05E-02	1.92E-03	1.43E-03	0.00E+00
1756	259288	4027269.32	1.06E-02	1.95E-03	1.45E-03	0.00E+00
1757	259261	4027124.5	7.11E-03	1.30E-03	9.72E-04	0.00E+00
1758	259261.3	4027148.7	7.46E-03	1.37E-03	1.02E-03	0.00E+00
1759	259261.6	4027172.89	7.78E-03	1.42E-03	1.06E-03	0.00E+00
1760	259262	4027197.09	8.06E-03	1.48E-03	1.10E-03	0.00E+00
1761	259262.3	4027221.28	8.30E-03	1.52E-03	1.13E-03	0.00E+00
1762	259262.7	4027245.48	8.48E-03	1.55E-03	1.16E-03	0.00E+00
1763	259263	4027269.68	8.61E-03	1.58E-03	1.18E-03	0.00E+00
1764	259211	4027125.2	5.10E-03	9.33E-04	6.96E-04	0.00E+00
1765	259211.3	4027149.4	5.33E-03	9.76E-04	7.29E-04	0.00E+00
1766	259211.6	4027173.59	5.55E-03	1.02E-03	7.58E-04	0.00E+00
1767	259212	4027197.79	5.74E-03	1.05E-03	7.85E-04	0.00E+00
1768	259212.3	4027221.99	5.91E-03	1.08E-03	8.08E-04	0.00E+00
1769	259212.7	4027246.18	6.05E-03	1.11E-03	8.27E-04	0.00E+00
1770	259213	4027270.38	6.16E-03	1.13E-03	8.42E-04	0.00E+00
1771	259161	4027125.91	3.96E-03	7.25E-04	5.41E-04	0.00E+00
1772	259161.3	4027150.1	4.13E-03	7.56E-04	5.64E-04	0.00E+00
1773	259161.6	4027174.3	4.29E-03	7.85E-04	5.86E-04	0.00E+00
1774	259162	4027198.49	4.42E-03	8.10E-04	6.05E-04	0.00E+00
1775	259162.3	4027222.69	4.54E-03	8.32E-04	6.21E-04	0.00E+00
1776	259162.7	4027246.88	4.64E-03	8.50E-04	6.35E-04	0.00E+00
1777	259163	4027271.08	4.73E-03	8.66E-04	6.47E-04	0.00E+00
1778	259111.3	4027150.8	3.35E-03	6.14E-04	4.58E-04	0.00E+00
1779	259111.6	4027175	3.47E-03	6.35E-04	4.74E-04	0.00E+00

1780	259112	4027199.2	3.58E-03	6.55E-04	4.89E-04	0.00E+00
1781	259112.3	4027223.39	3.67E-03	6.71E-04	5.01E-04	0.00E+00
1782	259112.7	4027247.59	3.74E-03	6.85E-04	5.12E-04	0.00E+00
1783	259113	4027271.78	3.81E-03	6.97E-04	5.20E-04	0.00E+00
1784	259061.3	4027151.51	2.82E-03	5.17E-04	3.86E-04	0.00E+00
1785	259061.7	4027175.7	2.91E-03	5.33E-04	3.98E-04	0.00E+00
1786	259062	4027199.9	2.99E-03	5.47E-04	4.08E-04	0.00E+00
1787	259062.3	4027224.09	3.06E-03	5.60E-04	4.18E-04	0.00E+00
1788	259062.7	4027248.29	3.12E-03	5.70E-04	4.26E-04	0.00E+00
1789	259063	4027272.49	3.16E-03	5.79E-04	4.33E-04	0.00E+00
1790	258961.3	4027152.91	2.13E-03	3.90E-04	2.91E-04	0.00E+00
1791	258961.7	4027177.11	2.18E-03	3.99E-04	2.98E-04	0.00E+00
1792	258962	4027201.3	2.23E-03	4.08E-04	3.05E-04	0.00E+00
1793	258962.3	4027225.5	2.27E-03	4.16E-04	3.11E-04	0.00E+00
1794	258962.7	4027249.69	2.32E-03	4.24E-04	3.16E-04	0.00E+00
1795	258963	4027273.89	2.35E-03	4.29E-04	3.21E-04	0.00E+00
1796	258861.3	4027154.32	1.70E-03	3.10E-04	2.32E-04	0.00E+00
1797	258861.7	4027178.51	1.73E-03	3.17E-04	2.36E-04	0.00E+00
1798	258862	4027202.71	1.77E-03	3.23E-04	2.41E-04	0.00E+00
1799	258862.4	4027226.9	1.80E-03	3.29E-04	2.46E-04	0.00E+00
1800	258862.7	4027251.1	1.83E-03	3.35E-04	2.50E-04	0.00E+00
1801	258863	4027275.3	1.86E-03	3.40E-04	2.54E-04	0.00E+00
1802	258761.7	4027179.92	1.43E-03	2.62E-04	1.96E-04	0.00E+00
1803	258762	4027204.11	1.46E-03	2.68E-04	2.00E-04	0.00E+00
1804	258762.4	4027228.31	1.49E-03	2.73E-04	2.04E-04	0.00E+00
1805	258762.7	4027252.5	1.52E-03	2.77E-04	2.07E-04	0.00E+00
1806	258763	4027276.7	1.54E-03	2.82E-04	2.11E-04	0.00E+00
1807	258661.4	4027157.13	1.21E-03	2.21E-04	1.65E-04	0.00E+00
1808	258661.7	4027181.32	1.23E-03	2.25E-04	1.68E-04	0.00E+00
1809	258662	4027205.52	1.25E-03	2.30E-04	1.71E-04	0.00E+00
1810	258662.4	4027229.71	1.28E-03	2.34E-04	1.75E-04	0.00E+00
1811	258662.7	4027253.91	1.30E-03	2.38E-04	1.78E-04	0.00E+00
1812	258663.1	4027278.11	1.32E-03	2.42E-04	1.80E-04	0.00E+00
1813	258462.1	4027208.33	9.76E-04	1.79E-04	1.33E-04	0.00E+00
1814	258462.4	4027232.52	9.90E-04	1.81E-04	1.35E-04	0.00E+00
1815	258462.7	4027256.72	1.01E-03	1.84E-04	1.38E-04	0.00E+00
1816	258463.1	4027280.92	1.02E-03	1.87E-04	1.40E-04	0.00E+00
1817	258262.1	4027211.14	8.10E-04	1.48E-04	1.11E-04	0.00E+00
1818	258262.4	4027235.33	8.20E-04	1.50E-04	1.12E-04	0.00E+00
1819	258262.8	4027259.53	8.29E-04	1.52E-04	1.13E-04	0.00E+00
1820	258263.1	4027283.73	8.42E-04	1.54E-04	1.15E-04	0.00E+00
1821	258062.4	4027238.14	7.00E-04	1.28E-04	9.57E-05	0.00E+00
1822	258062.8	4027262.34	7.04E-04	1.29E-04	9.62E-05	0.00E+00
1823	258063.1	4027286.54	7.07E-04	1.29E-04	9.66E-05	0.00E+00
1824	257862.5	4027240.95	6.13E-04	1.12E-04	8.38E-05	0.00E+00
1825	257862.8	4027265.15	6.17E-04	1.13E-04	8.44E-05	0.00E+00
1826	257863.1	4027289.35	6.20E-04	1.13E-04	8.47E-05	0.00E+00

1827	259338.2	4027292.34	1.98E-02	3.62E-03	2.70E-03	0.00E+00
1828	259338.4	4027316.19	2.02E-02	3.69E-03	2.76E-03	0.00E+00
1829	259338.6	4027340.05	2.00E-02	3.65E-03	2.73E-03	0.00E+00
1830	259313.2	4027292.55	1.40E-02	2.56E-03	1.91E-03	0.00E+00
1831	259313.4	4027316.4	1.41E-02	2.57E-03	1.92E-03	0.00E+00
1832	259313.6	4027340.26	1.37E-02	2.51E-03	1.88E-03	0.00E+00
1833	259288.2	4027292.76	1.07E-02	1.96E-03	1.46E-03	0.00E+00
1834	259288.4	4027316.61	1.08E-02	1.98E-03	1.48E-03	0.00E+00
1835	259288.6	4027340.47	1.08E-02	1.97E-03	1.47E-03	0.00E+00
1836	259263.2	4027292.96	8.68E-03	1.59E-03	1.19E-03	0.00E+00
1837	259263.4	4027316.82	8.74E-03	1.60E-03	1.19E-03	0.00E+00
1838	259263.6	4027340.68	8.79E-03	1.61E-03	1.20E-03	0.00E+00
1839	259213.2	4027293.38	6.24E-03	1.14E-03	8.53E-04	0.00E+00
1840	259213.4	4027317.24	6.30E-03	1.15E-03	8.61E-04	0.00E+00
1841	259213.6	4027341.1	6.33E-03	1.16E-03	8.65E-04	0.00E+00
1842	259163.2	4027293.8	4.80E-03	8.79E-04	6.56E-04	0.00E+00
1843	259163.4	4027317.66	4.85E-03	8.88E-04	6.63E-04	0.00E+00
1844	259163.6	4027341.52	4.84E-03	8.87E-04	6.62E-04	0.00E+00
1845	259113.2	4027294.22	3.85E-03	7.06E-04	5.27E-04	0.00E+00
1846	259113.4	4027318.08	3.89E-03	7.13E-04	5.32E-04	0.00E+00
1847	259113.6	4027341.94	3.92E-03	7.18E-04	5.36E-04	0.00E+00
1848	259063.4	4027318.5	3.23E-03	5.92E-04	4.42E-04	0.00E+00
1849	259063.6	4027342.35	3.26E-03	5.97E-04	4.46E-04	0.00E+00
1850	258963.4	4027319.34	2.39E-03	4.37E-04	3.26E-04	0.00E+00
1851	258963.6	4027343.19	2.41E-03	4.41E-04	3.29E-04	0.00E+00
1852	258863.4	4027320.17	1.90E-03	3.48E-04	2.60E-04	0.00E+00
1853	258863.6	4027344.03	1.92E-03	3.51E-04	2.62E-04	0.00E+00
1854	258763.4	4027321.01	1.58E-03	2.89E-04	2.16E-04	0.00E+00
1855	258763.6	4027344.87	1.60E-03	2.92E-04	2.18E-04	0.00E+00
1856	258663.4	4027321.85	1.35E-03	2.47E-04	1.85E-04	0.00E+00
1857	258663.6	4027345.71	1.36E-03	2.50E-04	1.86E-04	0.00E+00
1858	258463.4	4027323.53	1.05E-03	1.91E-04	1.43E-04	0.00E+00
1859	258463.6	4027347.38	1.05E-03	1.93E-04	1.44E-04	0.00E+00
1860	258263.4	4027325.2	8.55E-04	1.56E-04	1.17E-04	0.00E+00
1861	258263.6	4027349.06	8.59E-04	1.57E-04	1.17E-04	0.00E+00
1862	258063.4	4027326.88	7.13E-04	1.31E-04	9.75E-05	0.00E+00
1863	258063.6	4027350.74	7.15E-04	1.31E-04	9.77E-05	0.00E+00
1864	257863.4	4027328.56	6.20E-04	1.14E-04	8.48E-05	0.00E+00
1865	257863.6	4027352.41	6.22E-04	1.14E-04	8.50E-05	0.00E+00
1866	259339.2	4027365.21	1.99E-02	3.64E-03	2.72E-03	0.00E+00
1867	259339.9	4027389.95	1.98E-02	3.62E-03	2.70E-03	0.00E+00
1868	259340.5	4027414.68	1.94E-02	3.55E-03	2.65E-03	0.00E+00
1869	259341.1	4027439.41	1.89E-02	3.47E-03	2.59E-03	0.00E+00
1870	259341.8	4027464.14	1.82E-02	3.32E-03	2.48E-03	0.00E+00
1871	259342.4	4027488.87	1.68E-02	3.08E-03	2.30E-03	0.00E+00
1872	259343	4027513.6	1.47E-02	2.69E-03	2.01E-03	0.00E+00
1873	259343.7	4027538.33	1.23E-02	2.25E-03	1.68E-03	0.00E+00

1874	259344.3	4027563.06	1.04E-02	1.90E-03	1.41E-03	0.00E+00
1875	259345	4027587.8	8.92E-03	1.63E-03	1.22E-03	0.00E+00
1876	259345.6	4027612.53	7.85E-03	1.44E-03	1.07E-03	0.00E+00
1877	259346.2	4027637.26	7.07E-03	1.29E-03	9.66E-04	0.00E+00
1878	259346.9	4027661.99	6.48E-03	1.19E-03	8.86E-04	0.00E+00
1879	259347.5	4027686.72	6.03E-03	1.10E-03	8.24E-04	0.00E+00
1880	259348.1	4027711.45	5.62E-03	1.03E-03	7.68E-04	0.00E+00
1881	259314.2	4027365.86	1.36E-02	2.48E-03	1.85E-03	0.00E+00
1882	259314.9	4027390.59	1.36E-02	2.48E-03	1.85E-03	0.00E+00
1883	259315.5	4027415.32	1.35E-02	2.47E-03	1.85E-03	0.00E+00
1884	259316.1	4027440.05	1.32E-02	2.42E-03	1.81E-03	0.00E+00
1885	259316.8	4027464.78	1.27E-02	2.33E-03	1.74E-03	0.00E+00
1886	259317.4	4027489.51	1.20E-02	2.19E-03	1.64E-03	0.00E+00
1887	259318.1	4027514.24	1.09E-02	2.00E-03	1.49E-03	0.00E+00
1888	259318.7	4027538.98	9.80E-03	1.79E-03	1.34E-03	0.00E+00
1889	259319.3	4027563.71	8.75E-03	1.60E-03	1.20E-03	0.00E+00
1890	259320	4027588.44	7.86E-03	1.44E-03	1.07E-03	0.00E+00
1891	259320.6	4027613.17	7.13E-03	1.30E-03	9.74E-04	0.00E+00
1892	259321.2	4027637.9	6.49E-03	1.19E-03	8.87E-04	0.00E+00
1893	259321.9	4027662.63	5.99E-03	1.10E-03	8.19E-04	0.00E+00
1894	259322.5	4027687.36	5.60E-03	1.03E-03	7.66E-04	0.00E+00
1895	259323.1	4027712.1	5.25E-03	9.61E-04	7.17E-04	0.00E+00
1896	259289.2	4027366.5	1.06E-02	1.94E-03	1.45E-03	0.00E+00
1897	259289.9	4027391.23	1.05E-02	1.93E-03	1.44E-03	0.00E+00
1898	259290.5	4027415.96	1.05E-02	1.92E-03	1.43E-03	0.00E+00
1899	259291.2	4027440.69	1.03E-02	1.89E-03	1.41E-03	0.00E+00
1900	259291.8	4027465.42	9.92E-03	1.82E-03	1.36E-03	0.00E+00
1901	259292.4	4027490.16	9.42E-03	1.73E-03	1.29E-03	0.00E+00
1902	259293.1	4027514.89	8.77E-03	1.61E-03	1.20E-03	0.00E+00
1903	259293.7	4027539.62	8.13E-03	1.49E-03	1.11E-03	0.00E+00
1904	259294.3	4027564.35	7.53E-03	1.38E-03	1.03E-03	0.00E+00
1905	259295	4027589.08	6.93E-03	1.27E-03	9.48E-04	0.00E+00
1906	259295.6	4027613.81	6.40E-03	1.17E-03	8.75E-04	0.00E+00
1907	259296.2	4027638.54	5.91E-03	1.08E-03	8.08E-04	0.00E+00
1908	259296.9	4027663.28	5.50E-03	1.01E-03	7.52E-04	0.00E+00
1909	259297.5	4027688.01	5.17E-03	9.47E-04	7.07E-04	0.00E+00
1910	259298.1	4027712.74	4.89E-03	8.95E-04	6.68E-04	0.00E+00
1911	259264.3	4027367.14	8.74E-03	1.60E-03	1.19E-03	0.00E+00
1912	259264.9	4027391.87	8.69E-03	1.59E-03	1.19E-03	0.00E+00
1913	259265.5	4027416.6	8.61E-03	1.58E-03	1.18E-03	0.00E+00
1914	259266.2	4027441.34	8.46E-03	1.55E-03	1.16E-03	0.00E+00
1915	259266.8	4027466.07	8.19E-03	1.50E-03	1.12E-03	0.00E+00
1916	259267.4	4027490.8	7.82E-03	1.43E-03	1.07E-03	0.00E+00
1917	259268.1	4027515.53	7.39E-03	1.35E-03	1.01E-03	0.00E+00
1918	259268.7	4027540.26	6.96E-03	1.27E-03	9.51E-04	0.00E+00
1919	259269.3	4027564.99	6.54E-03	1.20E-03	8.94E-04	0.00E+00
1920	259270	4027589.72	6.12E-03	1.12E-03	8.37E-04	0.00E+00

1921	259270.6	4027614.46	5.74E-03	1.05E-03	7.84E-04	0.00E+00
1922	259271.3	4027639.19	5.38E-03	9.85E-04	7.35E-04	0.00E+00
1923	259271.9	4027663.92	5.06E-03	9.26E-04	6.91E-04	0.00E+00
1924	259272.5	4027688.65	4.78E-03	8.75E-04	6.53E-04	0.00E+00
1925	259273.2	4027713.38	4.54E-03	8.31E-04	6.20E-04	0.00E+00
1926	259214.3	4027368.43	6.34E-03	1.16E-03	8.66E-04	0.00E+00
1927	259214.9	4027393.16	6.31E-03	1.16E-03	8.62E-04	0.00E+00
1928	259215.5	4027417.89	6.25E-03	1.14E-03	8.54E-04	0.00E+00
1929	259216.2	4027442.62	6.15E-03	1.13E-03	8.40E-04	0.00E+00
1930	259216.8	4027467.35	6.04E-03	1.11E-03	8.25E-04	0.00E+00
1931	259217.5	4027492.08	5.86E-03	1.07E-03	8.01E-04	0.00E+00
1932	259218.1	4027516.82	5.65E-03	1.03E-03	7.72E-04	0.00E+00
1933	259218.7	4027541.55	5.39E-03	9.88E-04	7.37E-04	0.00E+00
1934	259219.4	4027566.28	5.12E-03	9.38E-04	7.00E-04	0.00E+00
1935	259220	4027591.01	4.86E-03	8.91E-04	6.65E-04	0.00E+00
1936	259220.6	4027615.74	4.67E-03	8.54E-04	6.38E-04	0.00E+00
1937	259221.3	4027640.47	4.46E-03	8.17E-04	6.10E-04	0.00E+00
1938	259221.9	4027665.2	4.27E-03	7.81E-04	5.83E-04	0.00E+00
1939	259222.5	4027689.93	4.09E-03	7.48E-04	5.58E-04	0.00E+00
1940	259223.2	4027714.67	3.93E-03	7.19E-04	5.36E-04	0.00E+00
1941	259164.3	4027369.71	4.86E-03	8.89E-04	6.64E-04	0.00E+00
1942	259164.9	4027394.44	4.86E-03	8.90E-04	6.65E-04	0.00E+00
1943	259165.6	4027419.18	4.84E-03	8.87E-04	6.62E-04	0.00E+00
1944	259166.2	4027443.91	4.79E-03	8.77E-04	6.54E-04	0.00E+00
1945	259166.8	4027468.64	4.72E-03	8.65E-04	6.46E-04	0.00E+00
1946	259167.5	4027493.37	4.62E-03	8.46E-04	6.32E-04	0.00E+00
1947	259168.1	4027518.1	4.49E-03	8.21E-04	6.13E-04	0.00E+00
1948	259168.7	4027542.83	4.35E-03	7.97E-04	5.95E-04	0.00E+00
1949	259169.4	4027567.56	4.22E-03	7.72E-04	5.76E-04	0.00E+00
1950	259170	4027592.29	4.05E-03	7.42E-04	5.54E-04	0.00E+00
1951	259170.6	4027617.03	3.93E-03	7.20E-04	5.38E-04	0.00E+00
1952	259171.3	4027641.76	3.81E-03	6.98E-04	5.21E-04	0.00E+00
1953	259171.9	4027666.49	3.68E-03	6.74E-04	5.03E-04	0.00E+00
1954	259172.6	4027691.22	3.55E-03	6.50E-04	4.85E-04	0.00E+00
1955	259173.2	4027715.95	3.43E-03	6.27E-04	4.68E-04	0.00E+00
1956	259114.3	4027371	3.95E-03	7.22E-04	5.39E-04	0.00E+00
1957	259114.9	4027395.73	3.94E-03	7.21E-04	5.38E-04	0.00E+00
1958	259115.6	4027420.46	3.91E-03	7.16E-04	5.35E-04	0.00E+00
1959	259116.2	4027445.19	3.88E-03	7.10E-04	5.30E-04	0.00E+00
1960	259116.8	4027469.92	3.84E-03	7.04E-04	5.25E-04	0.00E+00
1961	259117.5	4027494.65	3.79E-03	6.94E-04	5.18E-04	0.00E+00
1962	259118.1	4027519.39	3.74E-03	6.85E-04	5.11E-04	0.00E+00
1963	259118.8	4027544.12	3.68E-03	6.75E-04	5.04E-04	0.00E+00
1964	259119.4	4027568.85	3.61E-03	6.60E-04	4.93E-04	0.00E+00
1965	259120	4027593.58	3.50E-03	6.41E-04	4.79E-04	0.00E+00
1966	259120.7	4027618.31	3.40E-03	6.23E-04	4.65E-04	0.00E+00
1967	259121.3	4027643.04	3.31E-03	6.06E-04	4.52E-04	0.00E+00

1968	259121.9	4027667.77	3.21E-03	5.88E-04	4.39E-04	0.00E+00
1969	259122.6	4027692.51	3.11E-03	5.70E-04	4.26E-04	0.00E+00
1970	259123.2	4027717.24	3.02E-03	5.52E-04	4.12E-04	0.00E+00
1971	259064.3	4027372.28	3.29E-03	6.02E-04	4.49E-04	0.00E+00
1972	259065	4027397.02	3.29E-03	6.02E-04	4.49E-04	0.00E+00
1973	259065.6	4027421.75	3.27E-03	5.99E-04	4.47E-04	0.00E+00
1974	259066.2	4027446.48	3.25E-03	5.96E-04	4.45E-04	0.00E+00
1975	259066.9	4027471.21	3.24E-03	5.94E-04	4.43E-04	0.00E+00
1976	259067.5	4027495.94	3.24E-03	5.93E-04	4.43E-04	0.00E+00
1977	259068.1	4027520.67	3.21E-03	5.88E-04	4.39E-04	0.00E+00
1978	259068.8	4027545.4	3.17E-03	5.80E-04	4.33E-04	0.00E+00
1979	259069.4	4027570.13	3.11E-03	5.69E-04	4.25E-04	0.00E+00
1980	259070	4027594.87	3.04E-03	5.56E-04	4.15E-04	0.00E+00
1981	259070.7	4027619.6	2.98E-03	5.45E-04	4.07E-04	0.00E+00
1982	259071.3	4027644.33	2.91E-03	5.32E-04	3.97E-04	0.00E+00
1983	259072	4027669.06	2.83E-03	5.18E-04	3.87E-04	0.00E+00
1984	259072.6	4027693.79	2.75E-03	5.04E-04	3.76E-04	0.00E+00
1985	259073.2	4027718.52	2.68E-03	4.91E-04	3.66E-04	0.00E+00
1986	258964.4	4027374.85	2.43E-03	4.44E-04	3.32E-04	0.00E+00
1987	258965	4027399.59	2.44E-03	4.46E-04	3.33E-04	0.00E+00
1988	258965.6	4027424.32	2.45E-03	4.48E-04	3.35E-04	0.00E+00
1989	258966.3	4027449.05	2.46E-03	4.51E-04	3.37E-04	0.00E+00
1990	258966.9	4027473.78	2.47E-03	4.51E-04	3.37E-04	0.00E+00
1991	258967.5	4027498.51	2.46E-03	4.50E-04	3.36E-04	0.00E+00
1992	258968.2	4027523.24	2.45E-03	4.48E-04	3.34E-04	0.00E+00
1993	258968.8	4027547.97	2.43E-03	4.44E-04	3.32E-04	0.00E+00
1994	258969.4	4027572.71	2.40E-03	4.39E-04	3.28E-04	0.00E+00
1995	258970.1	4027597.44	2.37E-03	4.33E-04	3.23E-04	0.00E+00
1996	258970.7	4027622.17	2.33E-03	4.27E-04	3.18E-04	0.00E+00
1997	258971.3	4027646.9	2.29E-03	4.20E-04	3.14E-04	0.00E+00
1998	258972	4027671.63	2.26E-03	4.15E-04	3.09E-04	0.00E+00
1999	258972.6	4027696.36	2.23E-03	4.08E-04	3.05E-04	0.00E+00
2000	258973.3	4027721.09	2.19E-03	4.01E-04	3.00E-04	0.00E+00
2001	258864.4	4027377.43	1.93E-03	3.54E-04	2.64E-04	0.00E+00
2002	258865	4027402.16	1.94E-03	3.56E-04	2.66E-04	0.00E+00
2003	258865.7	4027426.89	1.95E-03	3.57E-04	2.67E-04	0.00E+00
2004	258866.3	4027451.62	1.96E-03	3.58E-04	2.67E-04	0.00E+00
2005	258866.9	4027476.35	1.96E-03	3.58E-04	2.67E-04	0.00E+00
2006	258867.6	4027501.08	1.96E-03	3.58E-04	2.67E-04	0.00E+00
2007	258868.2	4027525.81	1.95E-03	3.56E-04	2.66E-04	0.00E+00
2008	258868.8	4027550.54	1.94E-03	3.55E-04	2.65E-04	0.00E+00
2009	258869.5	4027575.28	1.93E-03	3.54E-04	2.64E-04	0.00E+00
2010	258870.1	4027600.01	1.92E-03	3.52E-04	2.62E-04	0.00E+00
2011	258870.7	4027624.74	1.90E-03	3.49E-04	2.60E-04	0.00E+00
2012	258871.4	4027649.47	1.89E-03	3.45E-04	2.58E-04	0.00E+00
2013	258872	4027674.2	1.87E-03	3.42E-04	2.55E-04	0.00E+00
2014	258872.7	4027698.93	1.85E-03	3.38E-04	2.52E-04	0.00E+00

2015	258873.3	4027723.66	1.82E-03	3.34E-04	2.49E-04	0.00E+00
2016	258764.4	4027380	1.62E-03	2.96E-04	2.21E-04	0.00E+00
2017	258765.1	4027404.73	1.63E-03	2.98E-04	2.22E-04	0.00E+00
2018	258765.7	4027429.46	1.63E-03	2.99E-04	2.23E-04	0.00E+00
2019	258766.3	4027454.19	1.63E-03	2.99E-04	2.23E-04	0.00E+00
2020	258767	4027478.92	1.63E-03	2.99E-04	2.23E-04	0.00E+00
2021	258767.6	4027503.65	1.63E-03	2.98E-04	2.23E-04	0.00E+00
2022	258768.2	4027528.38	1.63E-03	2.98E-04	2.22E-04	0.00E+00
2023	258768.9	4027553.12	1.62E-03	2.97E-04	2.22E-04	0.00E+00
2024	258769.5	4027577.85	1.62E-03	2.96E-04	2.21E-04	0.00E+00
2025	258770.1	4027602.58	1.61E-03	2.94E-04	2.20E-04	0.00E+00
2026	258770.8	4027627.31	1.60E-03	2.93E-04	2.18E-04	0.00E+00
2027	258771.4	4027652.04	1.59E-03	2.91E-04	2.17E-04	0.00E+00
2028	258772.1	4027676.77	1.58E-03	2.89E-04	2.15E-04	0.00E+00
2029	258772.7	4027701.5	1.56E-03	2.86E-04	2.13E-04	0.00E+00
2030	258773.3	4027726.23	1.55E-03	2.83E-04	2.12E-04	0.00E+00
2031	258664.5	4027382.57	1.38E-03	2.53E-04	1.89E-04	0.00E+00
2032	258665.1	4027407.3	1.39E-03	2.54E-04	1.89E-04	0.00E+00
2033	258665.7	4027432.03	1.39E-03	2.55E-04	1.90E-04	0.00E+00
2034	258666.4	4027456.76	1.40E-03	2.56E-04	1.91E-04	0.00E+00
2035	258667	4027481.49	1.40E-03	2.56E-04	1.91E-04	0.00E+00
2036	258667.6	4027506.22	1.40E-03	2.57E-04	1.91E-04	0.00E+00
2037	258668.3	4027530.95	1.40E-03	2.56E-04	1.91E-04	0.00E+00
2038	258668.9	4027555.69	1.39E-03	2.55E-04	1.90E-04	0.00E+00
2039	258669.5	4027580.42	1.39E-03	2.54E-04	1.90E-04	0.00E+00
2040	258670.2	4027605.15	1.38E-03	2.53E-04	1.89E-04	0.00E+00
2041	258670.8	4027629.88	1.38E-03	2.53E-04	1.89E-04	0.00E+00
2042	258671.4	4027654.61	1.37E-03	2.51E-04	1.88E-04	0.00E+00
2043	258672.1	4027679.34	1.37E-03	2.50E-04	1.87E-04	0.00E+00
2044	258672.7	4027704.07	1.36E-03	2.49E-04	1.86E-04	0.00E+00
2045	258673.4	4027728.81	1.35E-03	2.47E-04	1.85E-04	0.00E+00
2046	258464.5	4027387.71	1.06E-03	1.95E-04	1.45E-04	0.00E+00
2047	258465.2	4027412.44	1.07E-03	1.96E-04	1.46E-04	0.00E+00
2048	258465.8	4027437.17	1.07E-03	1.96E-04	1.46E-04	0.00E+00
2049	258466.4	4027461.9	1.07E-03	1.96E-04	1.47E-04	0.00E+00
2050	258467.1	4027486.63	1.08E-03	1.97E-04	1.47E-04	0.00E+00
2051	258467.7	4027511.37	1.08E-03	1.98E-04	1.48E-04	0.00E+00
2052	258468.3	4027536.1	1.08E-03	1.98E-04	1.48E-04	0.00E+00
2053	258469	4027560.83	1.09E-03	1.99E-04	1.48E-04	0.00E+00
2054	258469.6	4027585.56	1.08E-03	1.99E-04	1.48E-04	0.00E+00
2055	258470.2	4027610.29	1.09E-03	1.99E-04	1.49E-04	0.00E+00
2056	258470.9	4027635.02	1.09E-03	1.99E-04	1.49E-04	0.00E+00
2057	258471.5	4027659.75	1.09E-03	1.99E-04	1.48E-04	0.00E+00
2058	258472.2	4027684.48	1.08E-03	1.98E-04	1.48E-04	0.00E+00
2059	258472.8	4027709.22	1.08E-03	1.98E-04	1.48E-04	0.00E+00
2060	258473.4	4027733.95	1.08E-03	1.97E-04	1.47E-04	0.00E+00
2061	258264.6	4027392.85	8.68E-04	1.59E-04	1.19E-04	0.00E+00

2062	258265.2	4027417.58	8.69E-04	1.59E-04	1.19E-04	0.00E+00
2063	258265.9	4027442.31	8.68E-04	1.59E-04	1.19E-04	0.00E+00
2064	258266.5	4027467.04	8.70E-04	1.59E-04	1.19E-04	0.00E+00
2065	258267.1	4027491.78	8.73E-04	1.60E-04	1.19E-04	0.00E+00
2066	258267.8	4027516.51	8.75E-04	1.60E-04	1.20E-04	0.00E+00
2067	258268.4	4027541.24	8.76E-04	1.60E-04	1.20E-04	0.00E+00
2068	258269	4027565.97	8.78E-04	1.61E-04	1.20E-04	0.00E+00
2069	258269.7	4027590.7	8.85E-04	1.62E-04	1.21E-04	0.00E+00
2070	258270.3	4027615.43	8.90E-04	1.63E-04	1.22E-04	0.00E+00
2071	258270.9	4027640.16	8.91E-04	1.63E-04	1.22E-04	0.00E+00
2072	258271.6	4027664.89	8.93E-04	1.63E-04	1.22E-04	0.00E+00
2073	258272.2	4027689.63	8.95E-04	1.64E-04	1.22E-04	0.00E+00
2074	258272.9	4027714.36	8.95E-04	1.64E-04	1.22E-04	0.00E+00
2075	258273.5	4027739.09	8.93E-04	1.63E-04	1.22E-04	0.00E+00
2076	258064	4027373.26	7.18E-04	1.31E-04	9.81E-05	0.00E+00
2077	258064.7	4027397.99	7.21E-04	1.32E-04	9.86E-05	0.00E+00
2078	258065.3	4027422.72	7.25E-04	1.33E-04	9.91E-05	0.00E+00
2079	258065.9	4027447.45	7.30E-04	1.34E-04	9.97E-05	0.00E+00
2080	258066.6	4027472.19	7.35E-04	1.35E-04	1.00E-04	0.00E+00
2081	258067.2	4027496.92	7.41E-04	1.36E-04	1.01E-04	0.00E+00
2082	258067.8	4027521.65	7.44E-04	1.36E-04	1.02E-04	0.00E+00
2083	258068.5	4027546.38	7.48E-04	1.37E-04	1.02E-04	0.00E+00
2084	258069.1	4027571.11	7.49E-04	1.37E-04	1.02E-04	0.00E+00
2085	258069.7	4027595.84	7.50E-04	1.37E-04	1.03E-04	0.00E+00
2086	258070.4	4027620.57	7.52E-04	1.38E-04	1.03E-04	0.00E+00
2087	258071	4027645.3	7.55E-04	1.38E-04	1.03E-04	0.00E+00
2088	258071.6	4027670.04	7.60E-04	1.39E-04	1.04E-04	0.00E+00
2089	258072.3	4027694.77	7.64E-04	1.40E-04	1.04E-04	0.00E+00
2090	258072.9	4027719.5	7.66E-04	1.40E-04	1.05E-04	0.00E+00
2091	258073.6	4027744.23	7.66E-04	1.40E-04	1.05E-04	0.00E+00
2092	257864.1	4027378.4	6.24E-04	1.14E-04	8.53E-05	0.00E+00
2093	257864.7	4027403.13	6.27E-04	1.15E-04	8.57E-05	0.00E+00
2094	257865.4	4027427.86	6.29E-04	1.15E-04	8.59E-05	0.00E+00
2095	257866	4027452.6	6.31E-04	1.16E-04	8.63E-05	0.00E+00
2096	257866.6	4027477.33	6.34E-04	1.16E-04	8.66E-05	0.00E+00
2097	257867.3	4027502.06	6.37E-04	1.17E-04	8.70E-05	0.00E+00
2098	257867.9	4027526.79	6.44E-04	1.18E-04	8.80E-05	0.00E+00
2099	257868.5	4027551.52	6.49E-04	1.19E-04	8.87E-05	0.00E+00
2100	257869.2	4027576.25	6.51E-04	1.19E-04	8.89E-05	0.00E+00
2101	257869.8	4027600.98	6.53E-04	1.19E-04	8.92E-05	0.00E+00
2102	257870.4	4027625.72	6.56E-04	1.20E-04	8.97E-05	0.00E+00
2103	257871.1	4027650.45	6.58E-04	1.20E-04	8.99E-05	0.00E+00
2104	257871.7	4027675.18	6.59E-04	1.21E-04	9.00E-05	0.00E+00
2105	257872.3	4027699.91	6.61E-04	1.21E-04	9.03E-05	0.00E+00
2106	257873	4027724.64	6.64E-04	1.22E-04	9.08E-05	0.00E+00
2107	257873.6	4027749.37	6.67E-04	1.22E-04	9.12E-05	0.00E+00
2108	259373.6	4027735.81	5.57E-03	1.02E-03	7.61E-04	0.00E+00

2109	259396.2	4027735.41	5.89E-03	1.08E-03	8.05E-04	0.00E+00
2110	259418.8	4027735.01	6.23E-03	1.14E-03	8.51E-04	0.00E+00
2111	259441.4	4027734.61	6.58E-03	1.20E-03	8.99E-04	0.00E+00
2112	259464	4027734.22	7.00E-03	1.28E-03	9.57E-04	0.00E+00
2113	259486.5	4027733.82	7.47E-03	1.37E-03	1.02E-03	0.00E+00
2114	259509.1	4027733.42	8.02E-03	1.47E-03	1.10E-03	0.00E+00
2115	259531.7	4027733.02	8.77E-03	1.61E-03	1.20E-03	0.00E+00
2116	259554.3	4027732.62	9.82E-03	1.80E-03	1.34E-03	0.00E+00
2117	259576.9	4027732.23	1.13E-02	2.06E-03	1.54E-03	0.00E+00
2118	259356.3	4027753.86	5.07E-03	9.28E-04	6.93E-04	0.00E+00
2119	259396.6	4027760.4	5.46E-03	9.99E-04	7.46E-04	0.00E+00
2120	259419.2	4027760.01	5.76E-03	1.05E-03	7.87E-04	0.00E+00
2121	259441.8	4027759.61	6.08E-03	1.11E-03	8.30E-04	0.00E+00
2122	259464.4	4027759.21	6.44E-03	1.18E-03	8.81E-04	0.00E+00
2123	259487	4027758.81	6.85E-03	1.25E-03	9.37E-04	0.00E+00
2124	259509.6	4027758.42	7.33E-03	1.34E-03	1.00E-03	0.00E+00
2125	259532.2	4027758.02	7.93E-03	1.45E-03	1.08E-03	0.00E+00
2126	259554.8	4027757.62	8.71E-03	1.59E-03	1.19E-03	0.00E+00
2127	259577.4	4027757.22	9.67E-03	1.77E-03	1.32E-03	0.00E+00
2128	259356.7	4027778.86	4.73E-03	8.66E-04	6.46E-04	0.00E+00
2129	259313.6	4027747.57	4.67E-03	8.55E-04	6.38E-04	0.00E+00
2130	259397	4027785.4	5.07E-03	9.29E-04	6.93E-04	0.00E+00
2131	259419.6	4027785	5.34E-03	9.77E-04	7.29E-04	0.00E+00
2132	259442.2	4027784.61	5.62E-03	1.03E-03	7.68E-04	0.00E+00
2133	259464.8	4027784.21	5.94E-03	1.09E-03	8.12E-04	0.00E+00
2134	259487.4	4027783.81	6.29E-03	1.15E-03	8.60E-04	0.00E+00
2135	259510	4027783.41	6.68E-03	1.22E-03	9.13E-04	0.00E+00
2136	259532.6	4027783.01	7.15E-03	1.31E-03	9.77E-04	0.00E+00
2137	259555.2	4027782.62	7.74E-03	1.42E-03	1.06E-03	0.00E+00
2138	259577.8	4027782.22	8.39E-03	1.54E-03	1.15E-03	0.00E+00
2139	259357.2	4027803.85	4.43E-03	8.11E-04	6.06E-04	0.00E+00
2140	259321.7	4027789.98	4.27E-03	7.82E-04	5.84E-04	0.00E+00
2141	259296.3	4027765.62	4.29E-03	7.85E-04	5.86E-04	0.00E+00
2142	259397.5	4027810.4	4.73E-03	8.66E-04	6.47E-04	0.00E+00
2143	259420.1	4027810	4.96E-03	9.08E-04	6.78E-04	0.00E+00
2144	259442.7	4027809.6	5.21E-03	9.54E-04	7.12E-04	0.00E+00
2145	259465.3	4027809.2	5.49E-03	1.01E-03	7.50E-04	0.00E+00
2146	259487.9	4027808.81	5.79E-03	1.06E-03	7.91E-04	0.00E+00
2147	259510.5	4027808.41	6.10E-03	1.12E-03	8.34E-04	0.00E+00
2148	259533.1	4027808.01	6.47E-03	1.18E-03	8.84E-04	0.00E+00
2149	259555.7	4027807.61	6.90E-03	1.26E-03	9.43E-04	0.00E+00
2150	259578.3	4027807.21	7.38E-03	1.35E-03	1.01E-03	0.00E+00
2151	259358	4027853.85	3.93E-03	7.20E-04	5.37E-04	0.00E+00
2152	259322.6	4027839.97	3.80E-03	6.97E-04	5.20E-04	0.00E+00
2153	259287.1	4027826.09	3.66E-03	6.70E-04	5.00E-04	0.00E+00
2154	259261.7	4027801.73	3.66E-03	6.70E-04	5.00E-04	0.00E+00
2155	259246.3	4027766.91	3.80E-03	6.96E-04	5.20E-04	0.00E+00

2156	259398.4	4027860.39	4.15E-03	7.60E-04	5.67E-04	0.00E+00
2157	259421	4027859.99	4.33E-03	7.93E-04	5.92E-04	0.00E+00
2158	259443.6	4027859.59	4.52E-03	8.27E-04	6.17E-04	0.00E+00
2159	259466.2	4027859.2	4.72E-03	8.65E-04	6.45E-04	0.00E+00
2160	259488.7	4027858.8	4.93E-03	9.03E-04	6.74E-04	0.00E+00
2161	259511.3	4027858.4	5.15E-03	9.43E-04	7.04E-04	0.00E+00
2162	259533.9	4027858	5.39E-03	9.87E-04	7.37E-04	0.00E+00
2163	259556.5	4027857.6	5.64E-03	1.03E-03	7.71E-04	0.00E+00
2164	259579.1	4027857.21	5.89E-03	1.08E-03	8.05E-04	0.00E+00
2165	259356.4	4027902.85	3.50E-03	6.40E-04	4.78E-04	0.00E+00
2166	259315.9	4027886.99	3.40E-03	6.22E-04	4.64E-04	0.00E+00
2167	259275.3	4027871.12	3.26E-03	5.97E-04	4.46E-04	0.00E+00
2168	259226	4027835.36	3.18E-03	5.83E-04	4.35E-04	0.00E+00
2169	259208.4	4027795.56	3.30E-03	6.04E-04	4.51E-04	0.00E+00
2170	259190.8	4027755.75	3.38E-03	6.20E-04	4.63E-04	0.00E+00
2171	259399.2	4027910.38	3.68E-03	6.73E-04	5.02E-04	0.00E+00
2172	259421.8	4027909.98	3.81E-03	6.98E-04	5.21E-04	0.00E+00
2173	259444.4	4027909.59	3.95E-03	7.23E-04	5.40E-04	0.00E+00
2174	259467	4027909.19	4.10E-03	7.50E-04	5.60E-04	0.00E+00
2175	259489.6	4027908.79	4.25E-03	7.78E-04	5.81E-04	0.00E+00
2176	259512.2	4027908.39	4.41E-03	8.07E-04	6.02E-04	0.00E+00
2177	259534.8	4027907.99	4.56E-03	8.35E-04	6.23E-04	0.00E+00
2178	259557.4	4027907.6	4.71E-03	8.63E-04	6.44E-04	0.00E+00
2179	259580	4027907.2	4.85E-03	8.87E-04	6.62E-04	0.00E+00
2180	259357.8	4027953.06	3.14E-03	5.74E-04	4.28E-04	0.00E+00
2181	259318.4	4027937.64	3.07E-03	5.62E-04	4.19E-04	0.00E+00
2182	259279	4027922.22	2.97E-03	5.44E-04	4.06E-04	0.00E+00
2183	259239.6	4027906.8	2.86E-03	5.24E-04	3.91E-04	0.00E+00
2184	259191.7	4027872.02	2.80E-03	5.13E-04	3.83E-04	0.00E+00
2185	259174.5	4027833.33	2.89E-03	5.29E-04	3.95E-04	0.00E+00
2186	259157.4	4027794.63	2.96E-03	5.42E-04	4.04E-04	0.00E+00
2187	259140.3	4027755.93	3.00E-03	5.49E-04	4.10E-04	0.00E+00
2188	259400.1	4027960.37	3.27E-03	5.99E-04	4.47E-04	0.00E+00
2189	259422.7	4027959.98	3.38E-03	6.18E-04	4.62E-04	0.00E+00
2190	259445.3	4027959.58	3.48E-03	6.38E-04	4.76E-04	0.00E+00
2191	259467.9	4027959.18	3.59E-03	6.57E-04	4.91E-04	0.00E+00
2192	259490.5	4027958.78	3.71E-03	6.78E-04	5.06E-04	0.00E+00
2193	259513.1	4027958.38	3.82E-03	6.99E-04	5.22E-04	0.00E+00
2194	259535.7	4027957.99	3.92E-03	7.18E-04	5.36E-04	0.00E+00
2195	259558.3	4027957.59	4.02E-03	7.36E-04	5.50E-04	0.00E+00
2196	259580.9	4027957.19	4.11E-03	7.52E-04	5.61E-04	0.00E+00
2197	259359.1	4028003.19	2.83E-03	5.19E-04	3.87E-04	0.00E+00
2198	259320.4	4027988.05	2.79E-03	5.10E-04	3.81E-04	0.00E+00
2199	259281.7	4027972.91	2.72E-03	4.98E-04	3.72E-04	0.00E+00
2200	259243	4027957.77	2.65E-03	4.84E-04	3.62E-04	0.00E+00
2201	259204.3	4027942.63	2.56E-03	4.69E-04	3.50E-04	0.00E+00
2202	259157.2	4027908.49	2.49E-03	4.56E-04	3.41E-04	0.00E+00

2203	259140.4	4027870.5	2.56E-03	4.68E-04	3.50E-04	0.00E+00
2204	259123.6	4027832.5	2.61E-03	4.78E-04	3.57E-04	0.00E+00
2205	259106.8	4027794.51	2.65E-03	4.86E-04	3.62E-04	0.00E+00
2206	259090	4027756.52	2.67E-03	4.88E-04	3.65E-04	0.00E+00
2207	259401	4028010.37	2.93E-03	5.36E-04	4.00E-04	0.00E+00
2208	259423.6	4028009.97	3.00E-03	5.50E-04	4.11E-04	0.00E+00
2209	259446.2	4028009.57	3.09E-03	5.65E-04	4.22E-04	0.00E+00
2210	259468.8	4028009.17	3.17E-03	5.81E-04	4.33E-04	0.00E+00
2211	259491.4	4028008.77	3.26E-03	5.96E-04	4.45E-04	0.00E+00
2212	259514	4028008.38	3.34E-03	6.11E-04	4.56E-04	0.00E+00
2213	259536.6	4028007.98	3.41E-03	6.25E-04	4.67E-04	0.00E+00
2214	259559.2	4028007.58	3.48E-03	6.38E-04	4.76E-04	0.00E+00
2215	259581.8	4028007.18	3.54E-03	6.49E-04	4.84E-04	0.00E+00
2216	259359.9	4028102.82	2.34E-03	4.29E-04	3.20E-04	0.00E+00
2217	259319.4	4028086.95	2.32E-03	4.24E-04	3.16E-04	0.00E+00
2218	259278.8	4028071.09	2.29E-03	4.20E-04	3.13E-04	0.00E+00
2219	259238.3	4028055.23	2.25E-03	4.12E-04	3.07E-04	0.00E+00
2220	259197.8	4028039.37	2.19E-03	4.00E-04	2.99E-04	0.00E+00
2221	259157.3	4028023.5	2.12E-03	3.88E-04	2.90E-04	0.00E+00
2222	259116.7	4028007.64	2.05E-03	3.74E-04	2.80E-04	0.00E+00
2223	259087.7	4027979.81	2.03E-03	3.71E-04	2.77E-04	0.00E+00
2224	259070.1	4027940.01	2.07E-03	3.79E-04	2.83E-04	0.00E+00
2225	259052.5	4027900.2	2.11E-03	3.86E-04	2.88E-04	0.00E+00
2226	259034.9	4027860.4	2.14E-03	3.92E-04	2.93E-04	0.00E+00
2227	259017.3	4027820.6	2.16E-03	3.95E-04	2.95E-04	0.00E+00
2228	258999.7	4027780.8	2.17E-03	3.98E-04	2.97E-04	0.00E+00
2229	259402.8	4028110.35	2.40E-03	4.40E-04	3.29E-04	0.00E+00
2230	259425.4	4028109.95	2.46E-03	4.50E-04	3.36E-04	0.00E+00
2231	259448	4028109.55	2.51E-03	4.59E-04	3.43E-04	0.00E+00
2232	259470.6	4028109.16	2.56E-03	4.68E-04	3.49E-04	0.00E+00
2233	259493.1	4028108.76	2.60E-03	4.77E-04	3.56E-04	0.00E+00
2234	259515.7	4028108.36	2.64E-03	4.84E-04	3.61E-04	0.00E+00
2235	259538.3	4028107.96	2.68E-03	4.91E-04	3.67E-04	0.00E+00
2236	259560.9	4028107.57	2.71E-03	4.97E-04	3.71E-04	0.00E+00
2237	259583.5	4028107.17	2.73E-03	5.01E-04	3.74E-04	0.00E+00
2238	259361.1	4028202.57	1.98E-03	3.62E-04	2.70E-04	0.00E+00
2239	259319.3	4028186.24	1.97E-03	3.60E-04	2.69E-04	0.00E+00
2240	259277.6	4028169.91	1.96E-03	3.58E-04	2.67E-04	0.00E+00
2241	259235.9	4028153.58	1.94E-03	3.55E-04	2.65E-04	0.00E+00
2242	259194.2	4028137.25	1.90E-03	3.48E-04	2.60E-04	0.00E+00
2243	259152.5	4028120.92	1.86E-03	3.41E-04	2.54E-04	0.00E+00
2244	259110.7	4028104.59	1.81E-03	3.30E-04	2.47E-04	0.00E+00
2245	259069	4028088.27	1.74E-03	3.19E-04	2.38E-04	0.00E+00
2246	259018.3	4028051.45	1.70E-03	3.11E-04	2.32E-04	0.00E+00
2247	259000.1	4028010.48	1.73E-03	3.17E-04	2.37E-04	0.00E+00
2248	258982	4027969.5	1.76E-03	3.22E-04	2.41E-04	0.00E+00
2249	258963.9	4027928.53	1.78E-03	3.27E-04	2.44E-04	0.00E+00

2250	258945.8	4027887.56	1.80E-03	3.29E-04	2.46E-04	0.00E+00
2251	258927.7	4027846.58	1.81E-03	3.32E-04	2.47E-04	0.00E+00
2252	258909.5	4027805.61	1.82E-03	3.34E-04	2.49E-04	0.00E+00
2253	258891.4	4027764.64	1.83E-03	3.35E-04	2.50E-04	0.00E+00
2254	259404.5	4028210.33	2.02E-03	3.70E-04	2.76E-04	0.00E+00
2255	259427.1	4028209.94	2.05E-03	3.75E-04	2.80E-04	0.00E+00
2256	259449.7	4028209.54	2.08E-03	3.81E-04	2.85E-04	0.00E+00
2257	259472.3	4028209.14	2.11E-03	3.87E-04	2.89E-04	0.00E+00
2258	259494.9	4028208.74	2.13E-03	3.90E-04	2.91E-04	0.00E+00
2259	259517.5	4028208.35	2.15E-03	3.94E-04	2.94E-04	0.00E+00
2260	259540.1	4028207.95	2.17E-03	3.97E-04	2.97E-04	0.00E+00
2261	259562.7	4028207.55	2.18E-03	3.99E-04	2.98E-04	0.00E+00
2262	259585.3	4028207.15	2.18E-03	3.99E-04	2.98E-04	0.00E+00
2263	259363.4	4028302.79	1.70E-03	3.12E-04	2.33E-04	0.00E+00
2264	259322.9	4028286.92	1.70E-03	3.11E-04	2.32E-04	0.00E+00
2265	259282.4	4028271.06	1.70E-03	3.10E-04	2.32E-04	0.00E+00
2266	259241.8	4028255.2	1.69E-03	3.09E-04	2.31E-04	0.00E+00
2267	259201.3	4028239.34	1.68E-03	3.07E-04	2.29E-04	0.00E+00
2268	259160.8	4028223.47	1.66E-03	3.03E-04	2.26E-04	0.00E+00
2269	259120.3	4028207.61	1.63E-03	2.98E-04	2.22E-04	0.00E+00
2270	259079.7	4028191.75	1.59E-03	2.90E-04	2.17E-04	0.00E+00
2271	259039.2	4028175.89	1.54E-03	2.82E-04	2.10E-04	0.00E+00
2272	258998.7	4028160.02	1.49E-03	2.73E-04	2.04E-04	0.00E+00
2273	258949.3	4028124.26	1.46E-03	2.67E-04	1.99E-04	0.00E+00
2274	258931.7	4028084.46	1.48E-03	2.71E-04	2.02E-04	0.00E+00
2275	258914.1	4028044.66	1.50E-03	2.75E-04	2.06E-04	0.00E+00
2276	258896.5	4028004.85	1.52E-03	2.79E-04	2.08E-04	0.00E+00
2277	258878.9	4027965.05	1.54E-03	2.82E-04	2.11E-04	0.00E+00
2278	258861.3	4027925.25	1.56E-03	2.85E-04	2.13E-04	0.00E+00
2279	258843.7	4027885.45	1.57E-03	2.87E-04	2.15E-04	0.00E+00
2280	258826.1	4027845.64	1.57E-03	2.88E-04	2.15E-04	0.00E+00
2281	258808.5	4027805.84	1.58E-03	2.89E-04	2.16E-04	0.00E+00
2282	258790.9	4027766.04	1.56E-03	2.86E-04	2.14E-04	0.00E+00
2283	259406.3	4028310.32	1.73E-03	3.16E-04	2.36E-04	0.00E+00
2284	259428.9	4028309.92	1.75E-03	3.20E-04	2.39E-04	0.00E+00
2285	259451.5	4028309.52	1.77E-03	3.23E-04	2.41E-04	0.00E+00
2286	259474.1	4028309.13	1.78E-03	3.26E-04	2.44E-04	0.00E+00
2287	259496.7	4028308.73	1.80E-03	3.29E-04	2.45E-04	0.00E+00
2288	259519.3	4028308.33	1.81E-03	3.31E-04	2.47E-04	0.00E+00
2289	259541.9	4028307.93	1.81E-03	3.32E-04	2.48E-04	0.00E+00
2290	259564.5	4028307.53	1.81E-03	3.31E-04	2.47E-04	0.00E+00
2291	259587.1	4028307.14	1.80E-03	3.30E-04	2.46E-04	0.00E+00
2292	259364.8	4028402.61	1.49E-03	2.72E-04	2.03E-04	0.00E+00
2293	259323.4	4028386.41	1.49E-03	2.73E-04	2.04E-04	0.00E+00
2294	259282	4028370.22	1.49E-03	2.73E-04	2.03E-04	0.00E+00
2295	259240.6	4028354.03	1.48E-03	2.72E-04	2.03E-04	0.00E+00
2296	259199.3	4028337.83	1.48E-03	2.71E-04	2.02E-04	0.00E+00

2297	259157.9	4028321.64	1.47E-03	2.68E-04	2.00E-04	0.00E+00
2298	259116.5	4028305.45	1.45E-03	2.66E-04	1.98E-04	0.00E+00
2299	259075.2	4028289.26	1.43E-03	2.62E-04	1.96E-04	0.00E+00
2300	259033.8	4028273.06	1.40E-03	2.56E-04	1.91E-04	0.00E+00
2301	258992.4	4028256.87	1.36E-03	2.49E-04	1.86E-04	0.00E+00
2302	258951	4028240.68	1.32E-03	2.42E-04	1.80E-04	0.00E+00
2303	258909.7	4028224.48	1.28E-03	2.35E-04	1.75E-04	0.00E+00
2304	258880	4028196.07	1.27E-03	2.33E-04	1.74E-04	0.00E+00
2305	258862	4028155.44	1.29E-03	2.37E-04	1.77E-04	0.00E+00
2306	258844.1	4028114.81	1.31E-03	2.41E-04	1.80E-04	0.00E+00
2307	258826.1	4028074.18	1.33E-03	2.44E-04	1.82E-04	0.00E+00
2308	258808.1	4028033.54	1.35E-03	2.46E-04	1.84E-04	0.00E+00
2309	258790.2	4027992.91	1.36E-03	2.49E-04	1.86E-04	0.00E+00
2310	258772.2	4027952.28	1.37E-03	2.50E-04	1.87E-04	0.00E+00
2311	258754.2	4027911.65	1.37E-03	2.51E-04	1.87E-04	0.00E+00
2312	258736.2	4027871.02	1.37E-03	2.51E-04	1.88E-04	0.00E+00
2313	258718.3	4027830.39	1.37E-03	2.51E-04	1.87E-04	0.00E+00
2314	258700.3	4027789.75	1.36E-03	2.49E-04	1.86E-04	0.00E+00
2315	259408	4028410.3	1.50E-03	2.74E-04	2.05E-04	0.00E+00
2316	259430.6	4028409.91	1.51E-03	2.77E-04	2.07E-04	0.00E+00
2317	259453.2	4028409.51	1.52E-03	2.79E-04	2.08E-04	0.00E+00
2318	259475.8	4028409.11	1.53E-03	2.81E-04	2.09E-04	0.00E+00
2319	259498.4	4028408.71	1.54E-03	2.82E-04	2.11E-04	0.00E+00
2320	259521	4028408.31	1.55E-03	2.83E-04	2.12E-04	0.00E+00
2321	259543.6	4028407.92	1.55E-03	2.84E-04	2.12E-04	0.00E+00
2322	259566.2	4028407.52	1.56E-03	2.85E-04	2.13E-04	0.00E+00
2323	259588.8	4028407.12	1.54E-03	2.83E-04	2.11E-04	0.00E+00
2324	259368.4	4028602.61	1.18E-03	2.15E-04	1.61E-04	0.00E+00
2325	259327.2	4028586.49	1.18E-03	2.16E-04	1.61E-04	0.00E+00
2326	259286	4028570.37	1.19E-03	2.17E-04	1.62E-04	0.00E+00
2327	259244.8	4028554.26	1.19E-03	2.18E-04	1.62E-04	0.00E+00
2328	259203.7	4028538.14	1.19E-03	2.17E-04	1.62E-04	0.00E+00
2329	259162.5	4028522.02	1.18E-03	2.17E-04	1.62E-04	0.00E+00
2330	259121.3	4028505.9	1.18E-03	2.16E-04	1.61E-04	0.00E+00
2331	259080.1	4028489.78	1.17E-03	2.14E-04	1.60E-04	0.00E+00
2332	259038.9	4028473.67	1.17E-03	2.13E-04	1.59E-04	0.00E+00
2333	258997.7	4028457.55	1.16E-03	2.11E-04	1.58E-04	0.00E+00
2334	258956.6	4028441.43	1.14E-03	2.08E-04	1.56E-04	0.00E+00
2335	258915.4	4028425.31	1.12E-03	2.04E-04	1.52E-04	0.00E+00
2336	258874.2	4028409.19	1.09E-03	1.99E-04	1.49E-04	0.00E+00
2337	258833	4028393.07	1.06E-03	1.94E-04	1.45E-04	0.00E+00
2338	258791.8	4028376.96	1.04E-03	1.90E-04	1.42E-04	0.00E+00
2339	258741.7	4028340.62	1.02E-03	1.87E-04	1.40E-04	0.00E+00
2340	258723.8	4028300.17	1.04E-03	1.90E-04	1.42E-04	0.00E+00
2341	258705.9	4028259.73	1.05E-03	1.92E-04	1.43E-04	0.00E+00
2342	258688.1	4028219.28	1.06E-03	1.94E-04	1.45E-04	0.00E+00
2343	258670.2	4028178.84	1.07E-03	1.96E-04	1.46E-04	0.00E+00

2344	258652.3	4028138.39	1.08E-03	1.98E-04	1.48E-04	0.00E+00
2345	258634.4	4028097.95	1.09E-03	1.99E-04	1.48E-04	0.00E+00
2346	258616.5	4028057.5	1.09E-03	1.99E-04	1.49E-04	0.00E+00
2347	258598.6	4028017.06	1.10E-03	2.00E-04	1.50E-04	0.00E+00
2348	258580.7	4027976.61	1.10E-03	2.01E-04	1.50E-04	0.00E+00
2349	258562.9	4027936.17	1.09E-03	2.00E-04	1.50E-04	0.00E+00
2350	258545	4027895.73	1.09E-03	2.00E-04	1.49E-04	0.00E+00
2351	258527.1	4027855.28	1.09E-03	2.00E-04	1.49E-04	0.00E+00
2352	258509.2	4027814.84	1.09E-03	1.99E-04	1.48E-04	0.00E+00
2353	258491.3	4027774.39	1.08E-03	1.98E-04	1.48E-04	0.00E+00
2354	259411.6	4028610.27	1.18E-03	2.16E-04	1.61E-04	0.00E+00
2355	259434.2	4028609.88	1.18E-03	2.17E-04	1.62E-04	0.00E+00
2356	259456.8	4028609.48	1.19E-03	2.18E-04	1.62E-04	0.00E+00
2357	259479.4	4028609.08	1.19E-03	2.19E-04	1.63E-04	0.00E+00
2358	259501.9	4028608.68	1.20E-03	2.19E-04	1.64E-04	0.00E+00
2359	259524.5	4028608.28	1.20E-03	2.19E-04	1.64E-04	0.00E+00
2360	259547.1	4028607.89	1.20E-03	2.20E-04	1.64E-04	0.00E+00
2361	259569.7	4028607.49	1.20E-03	2.20E-04	1.64E-04	0.00E+00
2362	259592.3	4028607.09	1.20E-03	2.19E-04	1.64E-04	0.00E+00
2363	259372	4028802.6	9.74E-04	1.78E-04	1.33E-04	0.00E+00
2364	259330.9	4028786.53	9.79E-04	1.79E-04	1.34E-04	0.00E+00
2365	259289.8	4028770.46	9.84E-04	1.80E-04	1.34E-04	0.00E+00
2366	259248.8	4028754.39	9.87E-04	1.81E-04	1.35E-04	0.00E+00
2367	259207.7	4028738.32	9.88E-04	1.81E-04	1.35E-04	0.00E+00
2368	259166.7	4028722.25	9.86E-04	1.80E-04	1.35E-04	0.00E+00
2369	259125.6	4028706.18	9.82E-04	1.80E-04	1.34E-04	0.00E+00
2370	259084.5	4028690.11	9.80E-04	1.79E-04	1.34E-04	0.00E+00
2371	259043.5	4028674.04	9.76E-04	1.79E-04	1.33E-04	0.00E+00
2372	259002.4	4028657.96	9.73E-04	1.78E-04	1.33E-04	0.00E+00
2373	258961.3	4028641.89	9.69E-04	1.77E-04	1.32E-04	0.00E+00
2374	258920.3	4028625.82	9.64E-04	1.76E-04	1.32E-04	0.00E+00
2375	258879.2	4028609.75	9.55E-04	1.75E-04	1.31E-04	0.00E+00
2376	258838.2	4028593.68	9.42E-04	1.72E-04	1.29E-04	0.00E+00
2377	258797.1	4028577.61	9.25E-04	1.69E-04	1.26E-04	0.00E+00
2378	258756	4028561.54	9.05E-04	1.66E-04	1.24E-04	0.00E+00
2379	258715	4028545.47	8.87E-04	1.62E-04	1.21E-04	0.00E+00
2380	258673.9	4028529.39	8.70E-04	1.59E-04	1.19E-04	0.00E+00
2381	258632.9	4028513.32	8.56E-04	1.57E-04	1.17E-04	0.00E+00
2382	258603.4	4028485.13	8.54E-04	1.56E-04	1.17E-04	0.00E+00
2383	258585.6	4028444.8	8.63E-04	1.58E-04	1.18E-04	0.00E+00
2384	258567.7	4028404.47	8.74E-04	1.60E-04	1.19E-04	0.00E+00
2385	258549.9	4028364.15	8.82E-04	1.62E-04	1.21E-04	0.00E+00
2386	258532.1	4028323.82	8.90E-04	1.63E-04	1.22E-04	0.00E+00
2387	258514.2	4028283.49	8.96E-04	1.64E-04	1.22E-04	0.00E+00
2388	258496.4	4028243.17	8.99E-04	1.65E-04	1.23E-04	0.00E+00
2389	258478.6	4028202.84	9.00E-04	1.65E-04	1.23E-04	0.00E+00
2390	258460.7	4028162.51	8.99E-04	1.65E-04	1.23E-04	0.00E+00

2391	258442.9	4028122.19	9.01E-04	1.65E-04	1.23E-04	0.00E+00
2392	258425.1	4028081.86	9.02E-04	1.65E-04	1.23E-04	0.00E+00
2393	258407.2	4028041.54	9.05E-04	1.66E-04	1.24E-04	0.00E+00
2394	258389.4	4028001.21	9.08E-04	1.66E-04	1.24E-04	0.00E+00
2395	258371.6	4027960.88	9.09E-04	1.67E-04	1.24E-04	0.00E+00
2396	258353.7	4027920.56	9.10E-04	1.67E-04	1.24E-04	0.00E+00
2397	258335.9	4027880.23	9.13E-04	1.67E-04	1.25E-04	0.00E+00
2398	258318.1	4027839.9	9.13E-04	1.67E-04	1.25E-04	0.00E+00
2399	258300.2	4027799.58	9.09E-04	1.67E-04	1.24E-04	0.00E+00
2400	259415.1	4028810.24	9.72E-04	1.78E-04	1.33E-04	0.00E+00
2401	259437.7	4028809.84	9.74E-04	1.78E-04	1.33E-04	0.00E+00
2402	259460.3	4028809.45	9.75E-04	1.78E-04	1.33E-04	0.00E+00
2403	259482.9	4028809.05	9.75E-04	1.79E-04	1.33E-04	0.00E+00
2404	259505.5	4028808.65	9.74E-04	1.78E-04	1.33E-04	0.00E+00
2405	259528.1	4028808.25	9.72E-04	1.78E-04	1.33E-04	0.00E+00
2406	259550.7	4028807.86	9.70E-04	1.78E-04	1.33E-04	0.00E+00
2407	259573.3	4028807.46	9.67E-04	1.77E-04	1.32E-04	0.00E+00
2408	259595.9	4028807.06	9.64E-04	1.77E-04	1.32E-04	0.00E+00
2409	259375.1	4029002.41	8.29E-04	1.52E-04	1.13E-04	0.00E+00
2410	259354.1	4028994.21	8.34E-04	1.53E-04	1.14E-04	0.00E+00
2411	259333.1	4028986	8.38E-04	1.53E-04	1.14E-04	0.00E+00
2412	259312.2	4028977.8	8.41E-04	1.54E-04	1.15E-04	0.00E+00
2413	259291.2	4028969.6	8.44E-04	1.55E-04	1.15E-04	0.00E+00
2414	259249.3	4028953.2	8.48E-04	1.55E-04	1.16E-04	0.00E+00
2415	259228.4	4028945	8.47E-04	1.55E-04	1.16E-04	0.00E+00
2416	259207.4	4028936.79	8.48E-04	1.55E-04	1.16E-04	0.00E+00
2417	259186.5	4028928.59	8.50E-04	1.56E-04	1.16E-04	0.00E+00
2418	259144.6	4028912.19	8.47E-04	1.55E-04	1.16E-04	0.00E+00
2419	259123.6	4028903.99	8.45E-04	1.55E-04	1.16E-04	0.00E+00
2420	259102.6	4028895.79	8.43E-04	1.54E-04	1.15E-04	0.00E+00
2421	259081.7	4028887.58	8.41E-04	1.54E-04	1.15E-04	0.00E+00
2422	259039.8	4028871.18	8.35E-04	1.53E-04	1.14E-04	0.00E+00
2423	259018.8	4028862.98	8.33E-04	1.53E-04	1.14E-04	0.00E+00
2424	258997.9	4028854.78	8.31E-04	1.52E-04	1.14E-04	0.00E+00
2425	258976.9	4028846.58	8.29E-04	1.52E-04	1.13E-04	0.00E+00
2426	258935	4028830.17	8.27E-04	1.51E-04	1.13E-04	0.00E+00
2427	258914.1	4028821.97	8.26E-04	1.51E-04	1.13E-04	0.00E+00
2428	258893.1	4028813.77	8.25E-04	1.51E-04	1.13E-04	0.00E+00
2429	258872.1	4028805.57	8.25E-04	1.51E-04	1.13E-04	0.00E+00
2430	258851.2	4028797.37	8.24E-04	1.51E-04	1.13E-04	0.00E+00
2431	258809.3	4028780.96	8.20E-04	1.50E-04	1.12E-04	0.00E+00
2432	258788.3	4028772.76	8.18E-04	1.50E-04	1.12E-04	0.00E+00
2433	258767.4	4028764.56	8.14E-04	1.49E-04	1.11E-04	0.00E+00
2434	258746.4	4028756.36	8.09E-04	1.48E-04	1.11E-04	0.00E+00
2435	258704.5	4028739.96	7.97E-04	1.46E-04	1.09E-04	0.00E+00
2436	258683.6	4028731.75	7.91E-04	1.45E-04	1.08E-04	0.00E+00
2437	258662.6	4028723.55	7.83E-04	1.43E-04	1.07E-04	0.00E+00

2438	258641.6	4028715.35	7.75E-04	1.42E-04	1.06E-04	0.00E+00
2439	258599.7	4028698.95	7.62E-04	1.39E-04	1.04E-04	0.00E+00
2440	258578.8	4028690.75	7.56E-04	1.38E-04	1.03E-04	0.00E+00
2441	258557.8	4028682.55	7.49E-04	1.37E-04	1.02E-04	0.00E+00
2442	258536.9	4028674.34	7.43E-04	1.36E-04	1.02E-04	0.00E+00
2443	258495	4028657.94	7.36E-04	1.35E-04	1.01E-04	0.00E+00
2444	258464.9	4028629.16	7.37E-04	1.35E-04	1.01E-04	0.00E+00
2445	258455.8	4028608.58	7.40E-04	1.36E-04	1.01E-04	0.00E+00
2446	258437.6	4028567.42	7.48E-04	1.37E-04	1.02E-04	0.00E+00
2447	258428.5	4028546.84	7.52E-04	1.38E-04	1.03E-04	0.00E+00
2448	258410.3	4028505.68	7.58E-04	1.39E-04	1.04E-04	0.00E+00
2449	258401.2	4028485.1	7.60E-04	1.39E-04	1.04E-04	0.00E+00
2450	258383	4028443.94	7.64E-04	1.40E-04	1.04E-04	0.00E+00
2451	258373.9	4028423.36	7.64E-04	1.40E-04	1.04E-04	0.00E+00
2452	258355.7	4028382.2	7.66E-04	1.40E-04	1.05E-04	0.00E+00
2453	258346.6	4028361.62	7.66E-04	1.40E-04	1.05E-04	0.00E+00
2454	258328.4	4028320.46	7.66E-04	1.40E-04	1.05E-04	0.00E+00
2455	258310.2	4028279.3	7.66E-04	1.40E-04	1.05E-04	0.00E+00
2456	258292	4028238.14	7.67E-04	1.40E-04	1.05E-04	0.00E+00
2457	258282.9	4028217.56	7.68E-04	1.41E-04	1.05E-04	0.00E+00
2458	258264.7	4028176.4	7.69E-04	1.41E-04	1.05E-04	0.00E+00
2459	258255.6	4028155.83	7.71E-04	1.41E-04	1.05E-04	0.00E+00
2460	258237.4	4028114.67	7.75E-04	1.42E-04	1.06E-04	0.00E+00
2461	258228.3	4028094.09	7.76E-04	1.42E-04	1.06E-04	0.00E+00
2462	258210.1	4028052.93	7.79E-04	1.43E-04	1.06E-04	0.00E+00
2463	258201	4028032.35	7.80E-04	1.43E-04	1.07E-04	0.00E+00
2464	258182.8	4027991.19	7.82E-04	1.43E-04	1.07E-04	0.00E+00
2465	258173.7	4027970.61	7.83E-04	1.43E-04	1.07E-04	0.00E+00
2466	258155.5	4027929.45	7.84E-04	1.44E-04	1.07E-04	0.00E+00
2467	258146.4	4027908.87	7.85E-04	1.44E-04	1.07E-04	0.00E+00
2468	258128.2	4027867.71	7.85E-04	1.44E-04	1.07E-04	0.00E+00
2469	258110	4027826.55	7.81E-04	1.43E-04	1.07E-04	0.00E+00
2470	258091.8	4027785.39	7.74E-04	1.42E-04	1.06E-04	0.00E+00
2471	259418.6	4029010.21	8.22E-04	1.50E-04	1.12E-04	0.00E+00
2472	259441.2	4029009.81	8.20E-04	1.50E-04	1.12E-04	0.00E+00
2473	259463.8	4029009.42	8.19E-04	1.50E-04	1.12E-04	0.00E+00
2474	259486.4	4029009.02	8.18E-04	1.50E-04	1.12E-04	0.00E+00
2475	259509	4029008.62	8.15E-04	1.49E-04	1.11E-04	0.00E+00
2476	259531.6	4029008.22	8.13E-04	1.49E-04	1.11E-04	0.00E+00
2477	259554.2	4029007.82	8.09E-04	1.48E-04	1.11E-04	0.00E+00
2478	259576.8	4029007.43	8.06E-04	1.48E-04	1.10E-04	0.00E+00
2479	259599.4	4029007.03	8.02E-04	1.47E-04	1.10E-04	0.00E+00
2480	259378.7	4029202.41	7.16E-04	1.31E-04	9.78E-05	0.00E+00
2481	259336.9	4029186.08	7.27E-04	1.33E-04	9.93E-05	0.00E+00
2482	259295.2	4029169.76	7.35E-04	1.35E-04	1.01E-04	0.00E+00
2483	259253.5	4029153.43	7.42E-04	1.36E-04	1.01E-04	0.00E+00
2484	259211.8	4029137.1	7.47E-04	1.37E-04	1.02E-04	0.00E+00

2485	259170.1	4029120.77	7.49E-04	1.37E-04	1.02E-04	0.00E+00
2486	259128.3	4029104.44	7.48E-04	1.37E-04	1.02E-04	0.00E+00
2487	259086.6	4029088.11	7.45E-04	1.36E-04	1.02E-04	0.00E+00
2488	259044.9	4029071.78	7.39E-04	1.35E-04	1.01E-04	0.00E+00
2489	259003.2	4029055.45	7.33E-04	1.34E-04	1.00E-04	0.00E+00
2490	258961.5	4029039.12	7.26E-04	1.33E-04	9.93E-05	0.00E+00
2491	258919.8	4029022.79	7.21E-04	1.32E-04	9.85E-05	0.00E+00
2492	258878	4029006.47	7.18E-04	1.31E-04	9.81E-05	0.00E+00
2493	258836.3	4028990.14	7.16E-04	1.31E-04	9.78E-05	0.00E+00
2494	258794.6	4028973.81	7.15E-04	1.31E-04	9.77E-05	0.00E+00
2495	258752.9	4028957.48	7.15E-04	1.31E-04	9.77E-05	0.00E+00
2496	258711.2	4028941.15	7.13E-04	1.31E-04	9.74E-05	0.00E+00
2497	258669.4	4028924.82	7.08E-04	1.30E-04	9.68E-05	0.00E+00
2498	258627.7	4028908.49	7.03E-04	1.29E-04	9.60E-05	0.00E+00
2499	258586	4028892.16	6.94E-04	1.27E-04	9.48E-05	0.00E+00
2500	258544.3	4028875.83	6.85E-04	1.25E-04	9.36E-05	0.00E+00
2501	258502.6	4028859.51	6.77E-04	1.24E-04	9.26E-05	0.00E+00
2502	258460.8	4028843.18	6.69E-04	1.22E-04	9.14E-05	0.00E+00
2503	258419.1	4028826.85	6.58E-04	1.21E-04	8.99E-05	0.00E+00
2504	258377.4	4028810.52	6.53E-04	1.20E-04	8.92E-05	0.00E+00
2505	258326.6	4028773.7	6.48E-04	1.19E-04	8.86E-05	0.00E+00
2506	258308.5	4028732.73	6.56E-04	1.20E-04	8.96E-05	0.00E+00
2507	258290.4	4028691.76	6.60E-04	1.21E-04	9.01E-05	0.00E+00
2508	258272.3	4028650.78	6.63E-04	1.21E-04	9.06E-05	0.00E+00
2509	258254.1	4028609.81	6.67E-04	1.22E-04	9.11E-05	0.00E+00
2510	258236	4028568.84	6.66E-04	1.22E-04	9.11E-05	0.00E+00
2511	258217.9	4028527.86	6.65E-04	1.22E-04	9.09E-05	0.00E+00
2512	258199.8	4028486.89	6.63E-04	1.21E-04	9.06E-05	0.00E+00
2513	258181.7	4028445.92	6.61E-04	1.21E-04	9.04E-05	0.00E+00
2514	258163.5	4028404.94	6.63E-04	1.21E-04	9.06E-05	0.00E+00
2515	258145.4	4028363.97	6.66E-04	1.22E-04	9.10E-05	0.00E+00
2516	258127.3	4028323	6.68E-04	1.22E-04	9.13E-05	0.00E+00
2517	258109.2	4028282.02	6.70E-04	1.23E-04	9.15E-05	0.00E+00
2518	258091.1	4028241.05	6.72E-04	1.23E-04	9.19E-05	0.00E+00
2519	258072.9	4028200.08	6.76E-04	1.24E-04	9.23E-05	0.00E+00
2520	258054.8	4028159.1	6.80E-04	1.25E-04	9.29E-05	0.00E+00
2521	258036.7	4028118.13	6.84E-04	1.25E-04	9.35E-05	0.00E+00
2522	258018.6	4028077.16	6.89E-04	1.26E-04	9.41E-05	0.00E+00
2523	258000.5	4028036.18	6.87E-04	1.26E-04	9.40E-05	0.00E+00
2524	257982.3	4027995.21	6.87E-04	1.26E-04	9.39E-05	0.00E+00
2525	257964.2	4027954.24	6.87E-04	1.26E-04	9.40E-05	0.00E+00
2526	257946.1	4027913.26	6.87E-04	1.26E-04	9.38E-05	0.00E+00
2527	257928	4027872.29	6.86E-04	1.26E-04	9.37E-05	0.00E+00
2528	257909.9	4027831.32	6.82E-04	1.25E-04	9.32E-05	0.00E+00
2529	257891.7	4027790.35	6.77E-04	1.24E-04	9.25E-05	0.00E+00
2530	259422.1	4029210.18	7.08E-04	1.30E-04	9.68E-05	0.00E+00
2531	259444.7	4029209.78	7.06E-04	1.29E-04	9.65E-05	0.00E+00

2532	259467.3	4029209.38	7.04E-04	1.29E-04	9.62E-05	0.00E+00
2533	259489.9	4029208.99	7.01E-04	1.28E-04	9.59E-05	0.00E+00
2534	259512.5	4029208.59	6.99E-04	1.28E-04	9.55E-05	0.00E+00
2535	259535.1	4029208.19	6.96E-04	1.27E-04	9.51E-05	0.00E+00
2536	259557.7	4029207.79	6.93E-04	1.27E-04	9.47E-05	0.00E+00
2537	259580.3	4029207.4	6.90E-04	1.26E-04	9.43E-05	0.00E+00
2538	259602.9	4029207	6.87E-04	1.26E-04	9.40E-05	0.00E+00
2539	259621.3	4027730.68	1.58E-02	2.89E-03	2.16E-03	0.00E+00
2540	259665.3	4027729.15	1.82E-02	3.32E-03	2.48E-03	0.00E+00
2541	259709.3	4027727.61	1.89E-02	3.46E-03	2.58E-03	0.00E+00
2542	259600.2	4027756.43	1.09E-02	1.99E-03	1.49E-03	0.00E+00
2543	259644.2	4027754.9	1.29E-02	2.36E-03	1.76E-03	0.00E+00
2544	259688.2	4027753.36	1.37E-02	2.50E-03	1.87E-03	0.00E+00
2545	259732.1	4027751.83	1.41E-02	2.58E-03	1.93E-03	0.00E+00
2546	259601.1	4027781.42	9.14E-03	1.67E-03	1.25E-03	0.00E+00
2547	259645.1	4027779.88	1.03E-02	1.89E-03	1.41E-03	0.00E+00
2548	259689	4027778.35	1.09E-02	2.00E-03	1.49E-03	0.00E+00
2549	259733	4027776.81	1.12E-02	2.06E-03	1.54E-03	0.00E+00
2550	259602	4027806.4	7.88E-03	1.44E-03	1.08E-03	0.00E+00
2551	259645.9	4027804.87	8.66E-03	1.59E-03	1.18E-03	0.00E+00
2552	259689.9	4027803.33	9.07E-03	1.66E-03	1.24E-03	0.00E+00
2553	259733.9	4027801.8	9.33E-03	1.71E-03	1.28E-03	0.00E+00
2554	259603.7	4027856.37	6.15E-03	1.13E-03	8.41E-04	0.00E+00
2555	259647.7	4027854.84	6.55E-03	1.20E-03	8.95E-04	0.00E+00
2556	259691.6	4027853.3	6.79E-03	1.24E-03	9.27E-04	0.00E+00
2557	259735.6	4027851.77	6.92E-03	1.27E-03	9.46E-04	0.00E+00
2558	259605.5	4027906.34	4.99E-03	9.14E-04	6.82E-04	0.00E+00
2559	259649.4	4027904.81	5.25E-03	9.61E-04	7.17E-04	0.00E+00
2560	259693.4	4027903.27	5.38E-03	9.86E-04	7.36E-04	0.00E+00
2561	259737.4	4027901.74	5.44E-03	9.96E-04	7.43E-04	0.00E+00
2562	259607.2	4027956.31	4.19E-03	7.66E-04	5.72E-04	0.00E+00
2563	259651.2	4027954.78	4.33E-03	7.94E-04	5.92E-04	0.00E+00
2564	259695.1	4027953.24	4.44E-03	8.13E-04	6.07E-04	0.00E+00
2565	259739.1	4027951.71	4.46E-03	8.16E-04	6.09E-04	0.00E+00
2566	259608.9	4028006.28	3.61E-03	6.61E-04	4.93E-04	0.00E+00
2567	259652.9	4028004.75	3.68E-03	6.74E-04	5.03E-04	0.00E+00
2568	259696.9	4028003.21	3.74E-03	6.85E-04	5.11E-04	0.00E+00
2569	259740.8	4028001.68	3.75E-03	6.86E-04	5.12E-04	0.00E+00
2570	259612.4	4028106.22	2.75E-03	5.04E-04	3.76E-04	0.00E+00
2571	259656.4	4028104.69	2.76E-03	5.05E-04	3.77E-04	0.00E+00
2572	259700.4	4028103.15	2.77E-03	5.07E-04	3.78E-04	0.00E+00
2573	259744.3	4028101.62	2.77E-03	5.06E-04	3.78E-04	0.00E+00
2574	259615.9	4028206.16	2.17E-03	3.97E-04	2.97E-04	0.00E+00
2575	259659.9	4028204.62	2.15E-03	3.94E-04	2.94E-04	0.00E+00
2576	259703.8	4028203.09	2.15E-03	3.94E-04	2.94E-04	0.00E+00
2577	259747.8	4028201.56	2.14E-03	3.92E-04	2.92E-04	0.00E+00
2578	259619.4	4028306.1	1.80E-03	3.29E-04	2.45E-04	0.00E+00

2579	259663.4	4028304.56	1.78E-03	3.27E-04	2.44E-04	0.00E+00
2580	259707.3	4028303.03	1.77E-03	3.25E-04	2.42E-04	0.00E+00
2581	259751.3	4028301.49	1.76E-03	3.23E-04	2.41E-04	0.00E+00
2582	259622.9	4028406.04	1.54E-03	2.82E-04	2.10E-04	0.00E+00
2583	259666.9	4028404.5	1.53E-03	2.81E-04	2.10E-04	0.00E+00
2584	259710.8	4028402.97	1.53E-03	2.79E-04	2.08E-04	0.00E+00
2585	259754.8	4028401.43	1.50E-03	2.76E-04	2.06E-04	0.00E+00
2586	259629.9	4028605.92	1.19E-03	2.19E-04	1.63E-04	0.00E+00
2587	259673.8	4028604.38	1.18E-03	2.17E-04	1.62E-04	0.00E+00
2588	259717.8	4028602.85	1.17E-03	2.14E-04	1.60E-04	0.00E+00
2589	259761.8	4028601.31	1.15E-03	2.10E-04	1.56E-04	0.00E+00
2590	259636.8	4028805.79	9.57E-04	1.75E-04	1.31E-04	0.00E+00
2591	259680.8	4028804.26	9.47E-04	1.73E-04	1.29E-04	0.00E+00
2592	259724.8	4028802.73	9.35E-04	1.71E-04	1.28E-04	0.00E+00
2593	259768.7	4028801.19	9.20E-04	1.68E-04	1.26E-04	0.00E+00
2594	259643.8	4029005.67	7.96E-04	1.46E-04	1.09E-04	0.00E+00
2595	259687.8	4029004.14	7.87E-04	1.44E-04	1.08E-04	0.00E+00
2596	259731.7	4029002.6	7.78E-04	1.42E-04	1.06E-04	0.00E+00
2597	259775.7	4029001.07	7.67E-04	1.40E-04	1.05E-04	0.00E+00
2598	259628.8	4029206.32	6.84E-04	1.25E-04	9.35E-05	0.00E+00
2599	259672.8	4029204.78	6.77E-04	1.24E-04	9.26E-05	0.00E+00
2600	259716.7	4029203.25	6.70E-04	1.23E-04	9.16E-05	0.00E+00
2601	259760.7	4029201.71	6.62E-04	1.21E-04	9.05E-05	0.00E+00
2602	259755	4027725.55	1.92E-02	3.51E-03	2.62E-03	0.00E+00
2603	259778.3	4027724.27	1.95E-02	3.56E-03	2.66E-03	0.00E+00
2604	259801.5	4027722.99	1.98E-02	3.62E-03	2.71E-03	0.00E+00
2605	259824.8	4027721.71	2.00E-02	3.67E-03	2.74E-03	0.00E+00
2606	259848	4027720.44	2.00E-02	3.66E-03	2.73E-03	0.00E+00
2607	259871.3	4027719.16	1.99E-02	3.65E-03	2.72E-03	0.00E+00
2608	259894.6	4027717.88	2.01E-02	3.68E-03	2.74E-03	0.00E+00
2609	259756.4	4027750.51	1.43E-02	2.61E-03	1.95E-03	0.00E+00
2610	259779.6	4027749.23	1.44E-02	2.64E-03	1.97E-03	0.00E+00
2611	259802.9	4027747.95	1.45E-02	2.65E-03	1.98E-03	0.00E+00
2612	259826.2	4027746.68	1.46E-02	2.66E-03	1.99E-03	0.00E+00
2613	259849.4	4027745.4	1.45E-02	2.66E-03	1.99E-03	0.00E+00
2614	259872.7	4027744.12	1.45E-02	2.66E-03	1.98E-03	0.00E+00
2615	259895.9	4027742.84	1.45E-02	2.66E-03	1.98E-03	0.00E+00
2616	259757.7	4027775.47	1.14E-02	2.09E-03	1.56E-03	0.00E+00
2617	259781	4027774.19	1.15E-02	2.10E-03	1.57E-03	0.00E+00
2618	259804.3	4027772.92	1.15E-02	2.11E-03	1.57E-03	0.00E+00
2619	259827.5	4027771.64	1.15E-02	2.10E-03	1.57E-03	0.00E+00
2620	259850.8	4027770.36	1.14E-02	2.10E-03	1.56E-03	0.00E+00
2621	259874	4027769.08	1.14E-02	2.09E-03	1.56E-03	0.00E+00
2622	259897.3	4027767.81	1.14E-02	2.08E-03	1.55E-03	0.00E+00
2623	259759.1	4027800.43	9.44E-03	1.73E-03	1.29E-03	0.00E+00
2624	259782.4	4027799.16	9.51E-03	1.74E-03	1.30E-03	0.00E+00
2625	259805.6	4027797.88	9.52E-03	1.74E-03	1.30E-03	0.00E+00

2626	259828.9	4027796.6	9.50E-03	1.74E-03	1.30E-03	0.00E+00
2627	259852.2	4027795.32	9.46E-03	1.73E-03	1.29E-03	0.00E+00
2628	259875.4	4027794.05	9.39E-03	1.72E-03	1.28E-03	0.00E+00
2629	259898.7	4027792.77	9.30E-03	1.70E-03	1.27E-03	0.00E+00
2630	259761.9	4027850.36	6.98E-03	1.28E-03	9.53E-04	0.00E+00
2631	259785.1	4027849.08	7.00E-03	1.28E-03	9.57E-04	0.00E+00
2632	259808.4	4027847.8	6.99E-03	1.28E-03	9.56E-04	0.00E+00
2633	259831.6	4027846.53	6.96E-03	1.27E-03	9.52E-04	0.00E+00
2634	259854.9	4027845.25	6.91E-03	1.26E-03	9.44E-04	0.00E+00
2635	259878.2	4027843.97	6.83E-03	1.25E-03	9.33E-04	0.00E+00
2636	259901.4	4027842.69	6.74E-03	1.23E-03	9.21E-04	0.00E+00
2637	259764.6	4027900.28	5.46E-03	1.00E-03	7.47E-04	0.00E+00
2638	259787.9	4027899	5.46E-03	1.00E-03	7.46E-04	0.00E+00
2639	259811.1	4027897.73	5.44E-03	9.96E-04	7.43E-04	0.00E+00
2640	259834.4	4027896.45	5.41E-03	9.90E-04	7.39E-04	0.00E+00
2641	259857.6	4027895.17	5.36E-03	9.82E-04	7.33E-04	0.00E+00
2642	259880.9	4027893.9	5.29E-03	9.68E-04	7.23E-04	0.00E+00
2643	259904.2	4027892.62	5.20E-03	9.52E-04	7.11E-04	0.00E+00
2644	259767.3	4027950.21	4.46E-03	8.16E-04	6.09E-04	0.00E+00
2645	259790.6	4027948.93	4.44E-03	8.13E-04	6.07E-04	0.00E+00
2646	259813.9	4027947.65	4.40E-03	8.05E-04	6.01E-04	0.00E+00
2647	259837.1	4027946.38	4.35E-03	7.96E-04	5.94E-04	0.00E+00
2648	259860.4	4027945.1	4.31E-03	7.88E-04	5.88E-04	0.00E+00
2649	259883.6	4027943.82	4.26E-03	7.79E-04	5.82E-04	0.00E+00
2650	259906.9	4027942.54	4.18E-03	7.65E-04	5.71E-04	0.00E+00
2651	259770.1	4028000.13	3.72E-03	6.82E-04	5.09E-04	0.00E+00
2652	259793.3	4027998.85	3.70E-03	6.78E-04	5.06E-04	0.00E+00
2653	259816.6	4027997.58	3.67E-03	6.72E-04	5.02E-04	0.00E+00
2654	259839.9	4027996.3	3.63E-03	6.64E-04	4.96E-04	0.00E+00
2655	259863.1	4027995.02	3.57E-03	6.55E-04	4.89E-04	0.00E+00
2656	259886.4	4027993.75	3.51E-03	6.43E-04	4.80E-04	0.00E+00
2657	259909.6	4027992.47	3.45E-03	6.31E-04	4.71E-04	0.00E+00
2658	259775.6	4028099.98	2.76E-03	5.05E-04	3.77E-04	0.00E+00
2659	259798.8	4028098.7	2.73E-03	5.00E-04	3.73E-04	0.00E+00
2660	259822.1	4028097.43	2.69E-03	4.93E-04	3.68E-04	0.00E+00
2661	259845.3	4028096.15	2.65E-03	4.86E-04	3.63E-04	0.00E+00
2662	259868.6	4028094.87	2.61E-03	4.78E-04	3.57E-04	0.00E+00
2663	259891.9	4028093.6	2.56E-03	4.69E-04	3.50E-04	0.00E+00
2664	259915.1	4028092.32	2.51E-03	4.60E-04	3.43E-04	0.00E+00
2665	259781	4028199.83	2.11E-03	3.86E-04	2.88E-04	0.00E+00
2666	259804.3	4028198.55	2.08E-03	3.80E-04	2.84E-04	0.00E+00
2667	259827.6	4028197.28	2.05E-03	3.75E-04	2.80E-04	0.00E+00
2668	259850.8	4028196	2.02E-03	3.70E-04	2.76E-04	0.00E+00
2669	259874.1	4028194.72	1.99E-03	3.65E-04	2.72E-04	0.00E+00
2670	259897.3	4028193.45	1.95E-03	3.58E-04	2.67E-04	0.00E+00
2671	259920.6	4028192.17	1.90E-03	3.48E-04	2.60E-04	0.00E+00
2672	259786.5	4028299.68	1.75E-03	3.20E-04	2.38E-04	0.00E+00

2673	259809.8	4028298.4	1.73E-03	3.16E-04	2.36E-04	0.00E+00
2674	259833	4028297.13	1.70E-03	3.11E-04	2.32E-04	0.00E+00
2675	259856.3	4028295.85	1.66E-03	3.04E-04	2.27E-04	0.00E+00
2676	259879.6	4028294.57	1.62E-03	2.97E-04	2.22E-04	0.00E+00
2677	259902.8	4028293.29	1.58E-03	2.90E-04	2.17E-04	0.00E+00
2678	259926.1	4028292.02	1.54E-03	2.82E-04	2.11E-04	0.00E+00
2679	259792	4028399.53	1.48E-03	2.70E-04	2.02E-04	0.00E+00
2680	259815.3	4028398.25	1.45E-03	2.65E-04	1.98E-04	0.00E+00
2681	259838.5	4028396.98	1.41E-03	2.59E-04	1.93E-04	0.00E+00
2682	259861.8	4028395.7	1.38E-03	2.53E-04	1.89E-04	0.00E+00
2683	259885.1	4028394.42	1.35E-03	2.47E-04	1.84E-04	0.00E+00
2684	259908.3	4028393.14	1.32E-03	2.41E-04	1.80E-04	0.00E+00
2685	259931.6	4028391.87	1.29E-03	2.36E-04	1.76E-04	0.00E+00
2686	259803	4028599.23	1.12E-03	2.06E-04	1.53E-04	0.00E+00
2687	259826.2	4028597.95	1.11E-03	2.03E-04	1.51E-04	0.00E+00
2688	259849.5	4028596.67	1.09E-03	1.99E-04	1.49E-04	0.00E+00
2689	259872.8	4028595.4	1.07E-03	1.96E-04	1.46E-04	0.00E+00
2690	259896	4028594.12	1.05E-03	1.92E-04	1.43E-04	0.00E+00
2691	259919.3	4028592.84	1.03E-03	1.89E-04	1.41E-04	0.00E+00
2692	259942.5	4028591.57	1.01E-03	1.85E-04	1.38E-04	0.00E+00
2693	259813.9	4028798.93	9.01E-04	1.65E-04	1.23E-04	0.00E+00
2694	259837.2	4028797.65	8.90E-04	1.63E-04	1.22E-04	0.00E+00
2695	259860.5	4028796.37	8.78E-04	1.61E-04	1.20E-04	0.00E+00
2696	259883.7	4028795.1	8.65E-04	1.58E-04	1.18E-04	0.00E+00
2697	259907	4028793.82	8.51E-04	1.56E-04	1.16E-04	0.00E+00
2698	259930.2	4028792.54	8.36E-04	1.53E-04	1.14E-04	0.00E+00
2699	259953.5	4028791.27	8.22E-04	1.50E-04	1.12E-04	0.00E+00
2700	259801.6	4028999.9	7.58E-04	1.39E-04	1.04E-04	0.00E+00
2701	259824.9	4028998.63	7.48E-04	1.37E-04	1.02E-04	0.00E+00
2702	259848.2	4028997.35	7.39E-04	1.35E-04	1.01E-04	0.00E+00
2703	259871.4	4028996.07	7.31E-04	1.34E-04	9.99E-05	0.00E+00
2704	259894.7	4028994.8	7.24E-04	1.33E-04	9.90E-05	0.00E+00
2705	259917.9	4028993.52	7.17E-04	1.31E-04	9.80E-05	0.00E+00
2706	259941.2	4028992.24	7.07E-04	1.29E-04	9.66E-05	0.00E+00
2707	259964.5	4028990.96	6.97E-04	1.28E-04	9.52E-05	0.00E+00
2708	259797.7	4029200.28	6.53E-04	1.20E-04	8.93E-05	0.00E+00
2709	259835.9	4029198.33	6.44E-04	1.18E-04	8.80E-05	0.00E+00
2710	259859.1	4029197.05	6.39E-04	1.17E-04	8.73E-05	0.00E+00
2711	259882.4	4029195.77	6.33E-04	1.16E-04	8.65E-05	0.00E+00
2712	259905.7	4029194.5	6.27E-04	1.15E-04	8.57E-05	0.00E+00
2713	259928.9	4029193.22	6.21E-04	1.14E-04	8.49E-05	0.00E+00
2714	259952.2	4029191.94	6.13E-04	1.12E-04	8.38E-05	0.00E+00
2715	259975.4	4029190.66	6.07E-04	1.11E-04	8.30E-05	0.00E+00
2716	259939.9	4027716.72	2.01E-02	3.69E-03	2.75E-03	0.00E+00
2717	259962.9	4027716.12	1.98E-02	3.62E-03	2.70E-03	0.00E+00
2718	259985.9	4027715.52	1.93E-02	3.54E-03	2.64E-03	0.00E+00
2719	260008.9	4027714.93	1.91E-02	3.49E-03	2.61E-03	0.00E+00

2720	260031.9	4027714.33	1.86E-02	3.41E-03	2.54E-03	0.00E+00
2721	260054.9	4027713.73	1.75E-02	3.21E-03	2.39E-03	0.00E+00
2722	260077.9	4027713.14	1.63E-02	2.99E-03	2.23E-03	0.00E+00
2723	260100.9	4027712.54	1.52E-02	2.78E-03	2.07E-03	0.00E+00
2724	260124	4027711.94	1.36E-02	2.48E-03	1.85E-03	0.00E+00
2725	260147	4027711.35	1.15E-02	2.10E-03	1.57E-03	0.00E+00
2726	260170	4027710.75	8.70E-03	1.59E-03	1.19E-03	0.00E+00
2727	259940.5	4027741.71	1.42E-02	2.60E-03	1.94E-03	0.00E+00
2728	259963.5	4027741.11	1.40E-02	2.56E-03	1.91E-03	0.00E+00
2729	259986.5	4027740.52	1.36E-02	2.49E-03	1.86E-03	0.00E+00
2730	260009.5	4027739.92	1.32E-02	2.42E-03	1.81E-03	0.00E+00
2731	260032.6	4027739.32	1.28E-02	2.34E-03	1.74E-03	0.00E+00
2732	260055.6	4027738.73	1.22E-02	2.23E-03	1.66E-03	0.00E+00
2733	260078.6	4027738.13	1.13E-02	2.08E-03	1.55E-03	0.00E+00
2734	260101.6	4027737.53	1.04E-02	1.91E-03	1.43E-03	0.00E+00
2735	260124.6	4027736.94	9.28E-03	1.70E-03	1.27E-03	0.00E+00
2736	260147.6	4027736.34	7.97E-03	1.46E-03	1.09E-03	0.00E+00
2737	260170.6	4027735.74	6.51E-03	1.19E-03	8.90E-04	0.00E+00
2738	259941.2	4027766.7	1.10E-02	2.01E-03	1.50E-03	0.00E+00
2739	259964.2	4027766.1	1.08E-02	1.97E-03	1.47E-03	0.00E+00
2740	259987.2	4027765.51	1.05E-02	1.92E-03	1.43E-03	0.00E+00
2741	260010.2	4027764.91	1.01E-02	1.85E-03	1.38E-03	0.00E+00
2742	260033.2	4027764.31	9.71E-03	1.78E-03	1.33E-03	0.00E+00
2743	260056.2	4027763.72	9.21E-03	1.69E-03	1.26E-03	0.00E+00
2744	260079.2	4027763.12	8.61E-03	1.58E-03	1.18E-03	0.00E+00
2745	260102.2	4027762.52	7.91E-03	1.45E-03	1.08E-03	0.00E+00
2746	260125.2	4027761.93	7.06E-03	1.29E-03	9.65E-04	0.00E+00
2747	260148.3	4027761.33	6.19E-03	1.13E-03	8.45E-04	0.00E+00
2748	260171.3	4027760.73	5.31E-03	9.72E-04	7.25E-04	0.00E+00
2749	259941.8	4027791.69	8.97E-03	1.64E-03	1.23E-03	0.00E+00
2750	259964.8	4027791.1	8.75E-03	1.60E-03	1.20E-03	0.00E+00
2751	259987.8	4027790.5	8.49E-03	1.55E-03	1.16E-03	0.00E+00
2752	260010.8	4027789.9	8.18E-03	1.50E-03	1.12E-03	0.00E+00
2753	260033.9	4027789.31	7.82E-03	1.43E-03	1.07E-03	0.00E+00
2754	260056.9	4027788.71	7.39E-03	1.35E-03	1.01E-03	0.00E+00
2755	260079.9	4027788.11	6.91E-03	1.26E-03	9.44E-04	0.00E+00
2756	260102.9	4027787.52	6.36E-03	1.16E-03	8.69E-04	0.00E+00
2757	260125.9	4027786.92	5.75E-03	1.05E-03	7.86E-04	0.00E+00
2758	260148.9	4027786.32	5.13E-03	9.39E-04	7.01E-04	0.00E+00
2759	260171.9	4027785.73	4.52E-03	8.28E-04	6.18E-04	0.00E+00
2760	259943.1	4027841.68	6.47E-03	1.19E-03	8.85E-04	0.00E+00
2761	259966.1	4027841.08	6.29E-03	1.15E-03	8.60E-04	0.00E+00
2762	259989.1	4027840.48	6.08E-03	1.11E-03	8.31E-04	0.00E+00
2763	260012.1	4027839.89	5.84E-03	1.07E-03	7.98E-04	0.00E+00
2764	260035.1	4027839.29	5.57E-03	1.02E-03	7.61E-04	0.00E+00
2765	260058.2	4027838.69	5.27E-03	9.65E-04	7.20E-04	0.00E+00
2766	260081.2	4027838.1	4.94E-03	9.05E-04	6.76E-04	0.00E+00

2767	260104.2	4027837.5	4.59E-03	8.41E-04	6.28E-04	0.00E+00
2768	260127.2	4027836.9	4.23E-03	7.75E-04	5.78E-04	0.00E+00
2769	260150.2	4027836.31	3.87E-03	7.08E-04	5.29E-04	0.00E+00
2770	260173.2	4027835.71	3.50E-03	6.42E-04	4.79E-04	0.00E+00
2771	259944.4	4027891.66	4.98E-03	9.12E-04	6.81E-04	0.00E+00
2772	259967.4	4027891.06	4.83E-03	8.84E-04	6.60E-04	0.00E+00
2773	259990.4	4027890.47	4.66E-03	8.53E-04	6.37E-04	0.00E+00
2774	260013.4	4027889.87	4.48E-03	8.21E-04	6.13E-04	0.00E+00
2775	260036.4	4027889.27	4.28E-03	7.84E-04	5.85E-04	0.00E+00
2776	260059.5	4027888.68	4.07E-03	7.45E-04	5.56E-04	0.00E+00
2777	260082.5	4027888.08	3.84E-03	7.04E-04	5.25E-04	0.00E+00
2778	260105.5	4027887.48	3.61E-03	6.61E-04	4.93E-04	0.00E+00
2779	260128.5	4027886.89	3.37E-03	6.18E-04	4.61E-04	0.00E+00
2780	260151.5	4027886.29	3.14E-03	5.75E-04	4.30E-04	0.00E+00
2781	260174.5	4027885.69	2.92E-03	5.34E-04	3.98E-04	0.00E+00
2782	259945.7	4027941.64	4.00E-03	7.32E-04	5.46E-04	0.00E+00
2783	259968.7	4027941.05	3.88E-03	7.10E-04	5.30E-04	0.00E+00
2784	259991.7	4027940.45	3.75E-03	6.86E-04	5.12E-04	0.00E+00
2785	260014.7	4027939.85	3.61E-03	6.60E-04	4.93E-04	0.00E+00
2786	260037.7	4027939.26	3.45E-03	6.32E-04	4.72E-04	0.00E+00
2787	260060.8	4027938.66	3.29E-03	6.03E-04	4.50E-04	0.00E+00
2788	260083.8	4027938.06	3.13E-03	5.73E-04	4.28E-04	0.00E+00
2789	260106.8	4027937.47	2.97E-03	5.43E-04	4.06E-04	0.00E+00
2790	260129.8	4027936.87	2.80E-03	5.13E-04	3.83E-04	0.00E+00
2791	260152.8	4027936.27	2.64E-03	4.84E-04	3.61E-04	0.00E+00
2792	260175.8	4027935.68	2.48E-03	4.54E-04	3.39E-04	0.00E+00
2793	259947	4027991.63	3.31E-03	6.06E-04	4.52E-04	0.00E+00
2794	259970	4027991.03	3.21E-03	5.88E-04	4.39E-04	0.00E+00
2795	259993	4027990.43	3.10E-03	5.68E-04	4.24E-04	0.00E+00
2796	260016	4027989.84	2.99E-03	5.47E-04	4.08E-04	0.00E+00
2797	260039	4027989.24	2.87E-03	5.25E-04	3.92E-04	0.00E+00
2798	260062	4027988.64	2.75E-03	5.04E-04	3.76E-04	0.00E+00
2799	260085.1	4027988.05	2.63E-03	4.82E-04	3.59E-04	0.00E+00
2800	260108.1	4027987.45	2.51E-03	4.60E-04	3.43E-04	0.00E+00
2801	260131.1	4027986.85	2.39E-03	4.38E-04	3.27E-04	0.00E+00
2802	260154.1	4027986.26	2.27E-03	4.16E-04	3.11E-04	0.00E+00
2803	260177.1	4027985.66	2.15E-03	3.94E-04	2.94E-04	0.00E+00
2804	259949.6	4028091.59	2.41E-03	4.42E-04	3.30E-04	0.00E+00
2805	259972.6	4028091	2.35E-03	4.29E-04	3.21E-04	0.00E+00
2806	259995.6	4028090.4	2.27E-03	4.16E-04	3.11E-04	0.00E+00
2807	260018.6	4028089.8	2.20E-03	4.02E-04	3.00E-04	0.00E+00
2808	260041.6	4028089.21	2.13E-03	3.89E-04	2.91E-04	0.00E+00
2809	260064.6	4028088.61	2.05E-03	3.76E-04	2.81E-04	0.00E+00
2810	260087.7	4028088.01	1.98E-03	3.63E-04	2.71E-04	0.00E+00
2811	260110.7	4028087.42	1.91E-03	3.50E-04	2.61E-04	0.00E+00
2812	260133.7	4028086.82	1.83E-03	3.36E-04	2.51E-04	0.00E+00
2813	260156.7	4028086.22	1.76E-03	3.23E-04	2.41E-04	0.00E+00

2814	260179.7	4028085.63	1.69E-03	3.10E-04	2.31E-04	0.00E+00
2815	259952.2	4028191.56	1.84E-03	3.37E-04	2.51E-04	0.00E+00
2816	259975.2	4028190.96	1.81E-03	3.32E-04	2.48E-04	0.00E+00
2817	259998.2	4028190.37	1.78E-03	3.26E-04	2.43E-04	0.00E+00
2818	260021.2	4028189.77	1.73E-03	3.17E-04	2.36E-04	0.00E+00
2819	260044.2	4028189.17	1.68E-03	3.07E-04	2.29E-04	0.00E+00
2820	260067.2	4028188.58	1.63E-03	2.98E-04	2.22E-04	0.00E+00
2821	260090.2	4028187.98	1.58E-03	2.90E-04	2.16E-04	0.00E+00
2822	260113.3	4028187.38	1.53E-03	2.81E-04	2.10E-04	0.00E+00
2823	260136.3	4028186.79	1.49E-03	2.72E-04	2.03E-04	0.00E+00
2824	260159.3	4028186.19	1.44E-03	2.63E-04	1.97E-04	0.00E+00
2825	260182.3	4028185.59	1.38E-03	2.53E-04	1.89E-04	0.00E+00
2826	259954.8	4028291.53	1.49E-03	2.72E-04	2.03E-04	0.00E+00
2827	259977.8	4028290.93	1.46E-03	2.68E-04	2.00E-04	0.00E+00
2828	260000.8	4028290.33	1.44E-03	2.63E-04	1.97E-04	0.00E+00
2829	260023.8	4028289.74	1.41E-03	2.58E-04	1.92E-04	0.00E+00
2830	260046.8	4028289.14	1.37E-03	2.51E-04	1.87E-04	0.00E+00
2831	260069.8	4028288.54	1.33E-03	2.44E-04	1.82E-04	0.00E+00
2832	260092.8	4028287.95	1.29E-03	2.37E-04	1.77E-04	0.00E+00
2833	260115.8	4028287.35	1.26E-03	2.30E-04	1.72E-04	0.00E+00
2834	260138.9	4028286.75	1.22E-03	2.24E-04	1.67E-04	0.00E+00
2835	260161.9	4028286.16	1.19E-03	2.18E-04	1.63E-04	0.00E+00
2836	260184.9	4028285.56	1.16E-03	2.12E-04	1.58E-04	0.00E+00
2837	259957.4	4028391.49	1.26E-03	2.30E-04	1.72E-04	0.00E+00
2838	259980.4	4028390.89	1.23E-03	2.25E-04	1.68E-04	0.00E+00
2839	260003.4	4028390.3	1.20E-03	2.20E-04	1.65E-04	0.00E+00
2840	260026.4	4028389.7	1.18E-03	2.16E-04	1.61E-04	0.00E+00
2841	260049.4	4028389.1	1.15E-03	2.11E-04	1.58E-04	0.00E+00
2842	260072.4	4028388.51	1.13E-03	2.07E-04	1.54E-04	0.00E+00
2843	260095.4	4028387.91	1.11E-03	2.02E-04	1.51E-04	0.00E+00
2844	260118.4	4028387.31	1.09E-03	1.99E-04	1.48E-04	0.00E+00
2845	260141.4	4028386.72	1.07E-03	1.95E-04	1.46E-04	0.00E+00
2846	260164.5	4028386.12	1.04E-03	1.91E-04	1.43E-04	0.00E+00
2847	260187.5	4028385.52	1.02E-03	1.86E-04	1.39E-04	0.00E+00
2848	259985.6	4028590.83	9.73E-04	1.78E-04	1.33E-04	0.00E+00
2849	260008.6	4028590.23	9.54E-04	1.75E-04	1.30E-04	0.00E+00
2850	260031.6	4028589.63	9.33E-04	1.71E-04	1.28E-04	0.00E+00
2851	260054.6	4028589.04	9.14E-04	1.67E-04	1.25E-04	0.00E+00
2852	260077.6	4028588.44	8.95E-04	1.64E-04	1.22E-04	0.00E+00
2853	260100.6	4028587.84	8.76E-04	1.60E-04	1.20E-04	0.00E+00
2854	260123.6	4028587.25	8.58E-04	1.57E-04	1.17E-04	0.00E+00
2855	260146.6	4028586.65	8.41E-04	1.54E-04	1.15E-04	0.00E+00
2856	260169.6	4028586.05	8.23E-04	1.51E-04	1.12E-04	0.00E+00
2857	260192.7	4028585.46	8.05E-04	1.47E-04	1.10E-04	0.00E+00
2858	259990.7	4028790.76	8.00E-04	1.46E-04	1.09E-04	0.00E+00
2859	260013.8	4028790.16	7.86E-04	1.44E-04	1.07E-04	0.00E+00
2860	260036.8	4028789.57	7.72E-04	1.41E-04	1.05E-04	0.00E+00

2861	260059.8	4028788.97	7.58E-04	1.39E-04	1.04E-04	0.00E+00
2862	260082.8	4028788.37	7.44E-04	1.36E-04	1.02E-04	0.00E+00
2863	260105.8	4028787.78	7.30E-04	1.34E-04	9.97E-05	0.00E+00
2864	260128.8	4028787.18	7.15E-04	1.31E-04	9.78E-05	0.00E+00
2865	260151.8	4028786.58	7.01E-04	1.28E-04	9.58E-05	0.00E+00
2866	260174.8	4028785.99	6.87E-04	1.26E-04	9.39E-05	0.00E+00
2867	260197.8	4028785.39	6.72E-04	1.23E-04	9.19E-05	0.00E+00
2868	259995.9	4028990.69	6.83E-04	1.25E-04	9.33E-05	0.00E+00
2869	260018.9	4028990.1	6.72E-04	1.23E-04	9.19E-05	0.00E+00
2870	260041.9	4028989.5	6.61E-04	1.21E-04	9.03E-05	0.00E+00
2871	260065	4028988.9	6.50E-04	1.19E-04	8.88E-05	0.00E+00
2872	260088	4028988.31	6.38E-04	1.17E-04	8.72E-05	0.00E+00
2873	260111	4028987.71	6.27E-04	1.15E-04	8.56E-05	0.00E+00
2874	260134	4028987.11	6.16E-04	1.13E-04	8.41E-05	0.00E+00
2875	260157	4028986.52	6.04E-04	1.11E-04	8.26E-05	0.00E+00
2876	260180	4028985.92	5.93E-04	1.09E-04	8.10E-05	0.00E+00
2877	260203	4028985.32	5.81E-04	1.06E-04	7.95E-05	0.00E+00
2878	260001.1	4029190.63	6.00E-04	1.10E-04	8.19E-05	0.00E+00
2879	260024.1	4029190.03	5.92E-04	1.08E-04	8.09E-05	0.00E+00
2880	260047.1	4029189.43	5.83E-04	1.07E-04	7.97E-05	0.00E+00
2881	260070.1	4029188.84	5.74E-04	1.05E-04	7.85E-05	0.00E+00
2882	260093.2	4029188.24	5.65E-04	1.03E-04	7.72E-05	0.00E+00
2883	260116.2	4029187.64	5.55E-04	1.02E-04	7.59E-05	0.00E+00
2884	260139.2	4029187.05	5.45E-04	9.97E-05	7.44E-05	0.00E+00
2885	260162.2	4029186.45	5.34E-04	9.78E-05	7.30E-05	0.00E+00
2886	260185.2	4029185.85	5.24E-04	9.60E-05	7.16E-05	0.00E+00
2887	260208.2	4029185.26	5.16E-04	9.44E-05	7.05E-05	0.00E+00
2888	260190.4	4027695.65	7.65E-03	1.40E-03	1.05E-03	0.00E+00
2889	260195.5	4027670.19	9.75E-03	1.79E-03	1.33E-03	0.00E+00
2890	260214.1	4027700.1	5.56E-03	1.02E-03	7.60E-04	0.00E+00
2891	260192.8	4027726.5	5.67E-03	1.04E-03	7.75E-04	0.00E+00
2892	260220.4	4027671.92	6.49E-03	1.19E-03	8.87E-04	0.00E+00
2893	260238.4	4027703.19	4.42E-03	8.09E-04	6.04E-04	0.00E+00
2894	260226.9	4027727.68	4.25E-03	7.78E-04	5.81E-04	0.00E+00
2895	260208.7	4027745.13	4.44E-03	8.12E-04	6.06E-04	0.00E+00
2896	260245.3	4027673.65	4.93E-03	9.02E-04	6.73E-04	0.00E+00
2897	260263	4027705.74	3.68E-03	6.74E-04	5.03E-04	0.00E+00
2898	260250.7	4027731.86	3.57E-03	6.54E-04	4.88E-04	0.00E+00
2899	260225.2	4027763.53	3.67E-03	6.72E-04	5.01E-04	0.00E+00
2900	260198.5	4027774.63	4.09E-03	7.49E-04	5.59E-04	0.00E+00
2901	260270.3	4027675.38	4.03E-03	7.38E-04	5.51E-04	0.00E+00
2902	260312.4	4027710.13	2.76E-03	5.05E-04	3.77E-04	0.00E+00
2903	260299.3	4027738.12	2.70E-03	4.95E-04	3.69E-04	0.00E+00
2904	260286.2	4027766.11	2.66E-03	4.87E-04	3.64E-04	0.00E+00
2905	260258.8	4027800.04	2.71E-03	4.96E-04	3.70E-04	0.00E+00
2906	260230.3	4027811.93	2.95E-03	5.40E-04	4.03E-04	0.00E+00
2907	260201.7	4027823.82	3.22E-03	5.90E-04	4.40E-04	0.00E+00

2908	260320.2	4027678.84	2.94E-03	5.39E-04	4.02E-04	0.00E+00
2909	260362	4027714.11	2.20E-03	4.03E-04	3.01E-04	0.00E+00
2910	260348.4	4027743.14	2.16E-03	3.96E-04	2.95E-04	0.00E+00
2911	260334.8	4027772.16	2.14E-03	3.91E-04	2.92E-04	0.00E+00
2912	260321.2	4027801.19	2.13E-03	3.90E-04	2.91E-04	0.00E+00
2913	260292.9	4027836.38	2.17E-03	3.97E-04	2.96E-04	0.00E+00
2914	260263.3	4027848.71	2.33E-03	4.27E-04	3.18E-04	0.00E+00
2915	260233.7	4027861.03	2.51E-03	4.59E-04	3.43E-04	0.00E+00
2916	260204.1	4027873.36	2.71E-03	4.97E-04	3.71E-04	0.00E+00
2917	260370	4027682.3	2.31E-03	4.23E-04	3.15E-04	0.00E+00
2918	260411.8	4027717.9	1.82E-03	3.33E-04	2.49E-04	0.00E+00
2919	260397.9	4027747.59	1.80E-03	3.30E-04	2.46E-04	0.00E+00
2920	260384	4027777.27	1.79E-03	3.28E-04	2.45E-04	0.00E+00
2921	260370	4027806.96	1.78E-03	3.26E-04	2.43E-04	0.00E+00
2922	260356.1	4027836.64	1.77E-03	3.25E-04	2.42E-04	0.00E+00
2923	260327.1	4027872.63	1.81E-03	3.31E-04	2.47E-04	0.00E+00
2924	260296.8	4027885.24	1.92E-03	3.52E-04	2.63E-04	0.00E+00
2925	260266.6	4027897.85	2.05E-03	3.76E-04	2.81E-04	0.00E+00
2926	260236.3	4027910.46	2.20E-03	4.04E-04	3.01E-04	0.00E+00
2927	260206.1	4027923.07	2.35E-03	4.30E-04	3.21E-04	0.00E+00
2928	260419.9	4027685.76	1.89E-03	3.46E-04	2.59E-04	0.00E+00
2929	260461.5	4027721.59	1.54E-03	2.82E-04	2.10E-04	0.00E+00
2930	260447.4	4027751.73	1.53E-03	2.79E-04	2.09E-04	0.00E+00
2931	260433.3	4027781.87	1.53E-03	2.80E-04	2.09E-04	0.00E+00
2932	260419.2	4027812.01	1.53E-03	2.80E-04	2.09E-04	0.00E+00
2933	260405.1	4027842.16	1.53E-03	2.79E-04	2.09E-04	0.00E+00
2934	260390.9	4027872.3	1.52E-03	2.78E-04	2.07E-04	0.00E+00
2935	260361.4	4027908.84	1.55E-03	2.84E-04	2.12E-04	0.00E+00
2936	260330.7	4027921.64	1.64E-03	3.00E-04	2.24E-04	0.00E+00
2937	260300	4027934.45	1.74E-03	3.19E-04	2.38E-04	0.00E+00
2938	260269.3	4027947.25	1.85E-03	3.38E-04	2.52E-04	0.00E+00
2939	260238.6	4027960.05	1.95E-03	3.57E-04	2.66E-04	0.00E+00
2940	260207.8	4027972.86	2.06E-03	3.76E-04	2.81E-04	0.00E+00
2941	260469.8	4027689.22	1.59E-03	2.92E-04	2.18E-04	0.00E+00
2942	260561.2	4027728.81	1.17E-03	2.14E-04	1.60E-04	0.00E+00
2943	260546.8	4027759.54	1.17E-03	2.14E-04	1.60E-04	0.00E+00
2944	260532.4	4027790.27	1.16E-03	2.13E-04	1.59E-04	0.00E+00
2945	260518	4027821	1.17E-03	2.14E-04	1.59E-04	0.00E+00
2946	260503.6	4027851.73	1.18E-03	2.15E-04	1.61E-04	0.00E+00
2947	260489.2	4027882.47	1.19E-03	2.17E-04	1.62E-04	0.00E+00
2948	260474.8	4027913.2	1.19E-03	2.17E-04	1.62E-04	0.00E+00
2949	260460.4	4027943.93	1.18E-03	2.17E-04	1.62E-04	0.00E+00
2950	260430.3	4027981.19	1.21E-03	2.21E-04	1.65E-04	0.00E+00
2951	260399	4027994.25	1.27E-03	2.32E-04	1.73E-04	0.00E+00
2952	260367.7	4028007.3	1.32E-03	2.42E-04	1.81E-04	0.00E+00
2953	260336.3	4028020.35	1.38E-03	2.53E-04	1.89E-04	0.00E+00
2954	260305	4028033.41	1.44E-03	2.64E-04	1.97E-04	0.00E+00

2955	260273.7	4028046.46	1.50E-03	2.75E-04	2.06E-04	0.00E+00
2956	260242.3	4028059.52	1.57E-03	2.87E-04	2.14E-04	0.00E+00
2957	260211	4028072.57	1.63E-03	2.99E-04	2.23E-04	0.00E+00
2958	260569.6	4027696.14	1.19E-03	2.18E-04	1.63E-04	0.00E+00
2959	260660.8	4027735.91	9.26E-04	1.70E-04	1.27E-04	0.00E+00
2960	260646.3	4027767.01	9.27E-04	1.70E-04	1.27E-04	0.00E+00
2961	260631.7	4027798.1	9.31E-04	1.71E-04	1.27E-04	0.00E+00
2962	260617.1	4027829.2	9.32E-04	1.71E-04	1.27E-04	0.00E+00
2963	260602.6	4027860.3	9.39E-04	1.72E-04	1.28E-04	0.00E+00
2964	260588	4027891.4	9.50E-04	1.74E-04	1.30E-04	0.00E+00
2965	260573.4	4027922.5	9.64E-04	1.77E-04	1.32E-04	0.00E+00
2966	260558.8	4027953.6	9.72E-04	1.78E-04	1.33E-04	0.00E+00
2967	260544.3	4027984.69	9.74E-04	1.78E-04	1.33E-04	0.00E+00
2968	260529.7	4028015.79	9.73E-04	1.78E-04	1.33E-04	0.00E+00
2969	260499.3	4028053.49	9.91E-04	1.81E-04	1.35E-04	0.00E+00
2970	260467.6	4028066.7	1.03E-03	1.88E-04	1.40E-04	0.00E+00
2971	260435.9	4028079.91	1.06E-03	1.94E-04	1.45E-04	0.00E+00
2972	260404.2	4028093.12	1.10E-03	2.01E-04	1.50E-04	0.00E+00
2973	260372.5	4028106.33	1.13E-03	2.07E-04	1.55E-04	0.00E+00
2974	260340.8	4028119.54	1.17E-03	2.15E-04	1.60E-04	0.00E+00
2975	260309.1	4028132.75	1.21E-03	2.22E-04	1.66E-04	0.00E+00
2976	260277.4	4028145.96	1.26E-03	2.30E-04	1.72E-04	0.00E+00
2977	260245.7	4028159.17	1.30E-03	2.38E-04	1.78E-04	0.00E+00
2978	260214	4028172.38	1.34E-03	2.45E-04	1.83E-04	0.00E+00
2979	260669.3	4027703.06	9.41E-04	1.72E-04	1.29E-04	0.00E+00
2980	260760.5	4027742.95	7.60E-04	1.39E-04	1.04E-04	0.00E+00
2981	260745.9	4027774.3	7.60E-04	1.39E-04	1.04E-04	0.00E+00
2982	260731.2	4027805.65	7.63E-04	1.40E-04	1.04E-04	0.00E+00
2983	260716.5	4027836.99	7.70E-04	1.41E-04	1.05E-04	0.00E+00
2984	260701.8	4027868.34	7.75E-04	1.42E-04	1.06E-04	0.00E+00
2985	260687.1	4027899.69	7.84E-04	1.43E-04	1.07E-04	0.00E+00
2986	260672.4	4027931.03	7.94E-04	1.45E-04	1.09E-04	0.00E+00
2987	260657.7	4027962.38	8.06E-04	1.48E-04	1.10E-04	0.00E+00
2988	260643	4027993.73	8.18E-04	1.50E-04	1.12E-04	0.00E+00
2989	260628.4	4028025.07	8.26E-04	1.51E-04	1.13E-04	0.00E+00
2990	260613.7	4028056.42	8.30E-04	1.52E-04	1.13E-04	0.00E+00
2991	260599	4028087.77	8.30E-04	1.52E-04	1.13E-04	0.00E+00
2992	260568.3	4028125.77	8.39E-04	1.54E-04	1.15E-04	0.00E+00
2993	260536.4	4028139.09	8.61E-04	1.58E-04	1.18E-04	0.00E+00
2994	260504.4	4028152.4	8.83E-04	1.62E-04	1.21E-04	0.00E+00
2995	260472.5	4028165.72	9.07E-04	1.66E-04	1.24E-04	0.00E+00
2996	260440.5	4028179.03	9.32E-04	1.71E-04	1.27E-04	0.00E+00
2997	260408.6	4028192.35	9.56E-04	1.75E-04	1.31E-04	0.00E+00
2998	260376.6	4028205.67	9.81E-04	1.80E-04	1.34E-04	0.00E+00
2999	260344.6	4028218.98	1.01E-03	1.85E-04	1.38E-04	0.00E+00
3000	260312.7	4028232.3	1.04E-03	1.90E-04	1.42E-04	0.00E+00
3001	260280.7	4028245.61	1.07E-03	1.96E-04	1.46E-04	0.00E+00

3002	260248.8	4028258.93	1.10E-03	2.01E-04	1.50E-04	0.00E+00
3003	260216.8	4028272.24	1.13E-03	2.07E-04	1.55E-04	0.00E+00
3004	260769.1	4027709.98	7.69E-04	1.41E-04	1.05E-04	0.00E+00
3005	260860.5	4027749.44	6.40E-04	1.17E-04	8.74E-05	0.00E+00
3006	260846.2	4027779.91	6.43E-04	1.18E-04	8.79E-05	0.00E+00
3007	260831.9	4027810.39	6.47E-04	1.18E-04	8.84E-05	0.00E+00
3008	260817.7	4027840.87	6.50E-04	1.19E-04	8.89E-05	0.00E+00
3009	260803.4	4027871.34	6.54E-04	1.20E-04	8.94E-05	0.00E+00
3010	260789.1	4027901.82	6.59E-04	1.21E-04	9.00E-05	0.00E+00
3011	260774.8	4027932.29	6.66E-04	1.22E-04	9.10E-05	0.00E+00
3012	260760.6	4027962.77	6.75E-04	1.24E-04	9.23E-05	0.00E+00
3013	260746.3	4027993.25	6.87E-04	1.26E-04	9.38E-05	0.00E+00
3014	260732	4028023.72	6.98E-04	1.28E-04	9.54E-05	0.00E+00
3015	260717.7	4028054.2	7.09E-04	1.30E-04	9.68E-05	0.00E+00
3016	260703.4	4028084.67	7.17E-04	1.31E-04	9.79E-05	0.00E+00
3017	260689.2	4028115.15	7.21E-04	1.32E-04	9.86E-05	0.00E+00
3018	260674.9	4028145.63	7.23E-04	1.32E-04	9.88E-05	0.00E+00
3019	260660.6	4028176.1	7.19E-04	1.32E-04	9.83E-05	0.00E+00
3020	260637.9	4028197.81	7.24E-04	1.33E-04	9.90E-05	0.00E+00
3021	260606.9	4028210.76	7.40E-04	1.35E-04	1.01E-04	0.00E+00
3022	260575.8	4028223.71	7.56E-04	1.38E-04	1.03E-04	0.00E+00
3023	260544.7	4028236.65	7.72E-04	1.41E-04	1.05E-04	0.00E+00
3024	260513.7	4028249.6	7.88E-04	1.44E-04	1.08E-04	0.00E+00
3025	260482.6	4028262.54	8.04E-04	1.47E-04	1.10E-04	0.00E+00
3026	260451.5	4028275.49	8.20E-04	1.50E-04	1.12E-04	0.00E+00
3027	260420.5	4028288.43	8.37E-04	1.53E-04	1.14E-04	0.00E+00
3028	260389.4	4028301.38	8.58E-04	1.57E-04	1.17E-04	0.00E+00
3029	260358.3	4028314.32	8.83E-04	1.62E-04	1.21E-04	0.00E+00
3030	260327.3	4028327.27	9.07E-04	1.66E-04	1.24E-04	0.00E+00
3031	260296.2	4028340.22	9.29E-04	1.70E-04	1.27E-04	0.00E+00
3032	260265.1	4028353.16	9.54E-04	1.75E-04	1.30E-04	0.00E+00
3033	260234.1	4028366.11	9.79E-04	1.79E-04	1.34E-04	0.00E+00
3034	260868.8	4027716.9	6.44E-04	1.18E-04	8.80E-05	0.00E+00
3035	261059.9	4027763.51	4.78E-04	8.75E-05	6.53E-05	0.00E+00
3036	261045.4	4027794.44	4.79E-04	8.76E-05	6.54E-05	0.00E+00
3037	261030.9	4027825.37	4.83E-04	8.84E-05	6.60E-05	0.00E+00
3038	261016.4	4027856.31	4.87E-04	8.91E-05	6.65E-05	0.00E+00
3039	261001.9	4027887.24	4.90E-04	8.98E-05	6.70E-05	0.00E+00
3040	260987.5	4027918.18	4.95E-04	9.06E-05	6.76E-05	0.00E+00
3041	260973	4027949.11	5.00E-04	9.15E-05	6.83E-05	0.00E+00
3042	260958.5	4027980.05	5.05E-04	9.25E-05	6.90E-05	0.00E+00
3043	260944	4028010.98	5.11E-04	9.36E-05	6.99E-05	0.00E+00
3044	260929.5	4028041.92	5.19E-04	9.50E-05	7.09E-05	0.00E+00
3045	260915	4028072.85	5.27E-04	9.64E-05	7.20E-05	0.00E+00
3046	260900.5	4028103.78	5.36E-04	9.81E-05	7.32E-05	0.00E+00
3047	260886	4028134.72	5.45E-04	9.98E-05	7.45E-05	0.00E+00
3048	260871.5	4028165.65	5.54E-04	1.01E-04	7.57E-05	0.00E+00

3049	260857	4028196.59	5.62E-04	1.03E-04	7.68E-05	0.00E+00
3050	260842.5	4028227.52	5.66E-04	1.04E-04	7.74E-05	0.00E+00
3051	260828	4028258.46	5.68E-04	1.04E-04	7.76E-05	0.00E+00
3052	260813.5	4028289.39	5.67E-04	1.04E-04	7.75E-05	0.00E+00
3053	260799	4028320.33	5.67E-04	1.04E-04	7.75E-05	0.00E+00
3054	260776	4028342.36	5.70E-04	1.04E-04	7.80E-05	0.00E+00
3055	260744.5	4028355.5	5.80E-04	1.06E-04	7.93E-05	0.00E+00
3056	260713	4028368.64	5.88E-04	1.08E-04	8.03E-05	0.00E+00
3057	260681.4	4028381.78	5.96E-04	1.09E-04	8.14E-05	0.00E+00
3058	260649.9	4028394.92	6.04E-04	1.11E-04	8.26E-05	0.00E+00
3059	260618.4	4028408.06	6.13E-04	1.12E-04	8.38E-05	0.00E+00
3060	260586.8	4028421.2	6.22E-04	1.14E-04	8.51E-05	0.00E+00
3061	260555.3	4028434.34	6.32E-04	1.16E-04	8.63E-05	0.00E+00
3062	260523.8	4028447.49	6.41E-04	1.17E-04	8.76E-05	0.00E+00
3063	260492.2	4028460.63	6.53E-04	1.19E-04	8.92E-05	0.00E+00
3064	260460.7	4028473.77	6.65E-04	1.22E-04	9.09E-05	0.00E+00
3065	260429.2	4028486.91	6.77E-04	1.24E-04	9.26E-05	0.00E+00
3066	260397.6	4028500.05	6.88E-04	1.26E-04	9.40E-05	0.00E+00
3067	260366.1	4028513.19	7.08E-04	1.30E-04	9.68E-05	0.00E+00
3068	260334.6	4028526.33	7.27E-04	1.33E-04	9.94E-05	0.00E+00
3069	260303	4028539.47	7.45E-04	1.36E-04	1.02E-04	0.00E+00
3070	260271.5	4028552.61	7.64E-04	1.40E-04	1.04E-04	0.00E+00
3071	260240	4028565.75	7.81E-04	1.43E-04	1.07E-04	0.00E+00
3072	261068.4	4027730.74	4.83E-04	8.83E-05	6.59E-05	0.00E+00
3073	261259.4	4027777.49	3.85E-04	7.05E-05	5.27E-05	0.00E+00
3074	261244.7	4027808.73	3.85E-04	7.04E-05	5.26E-05	0.00E+00
3075	261230.1	4027839.96	3.84E-04	7.03E-05	5.25E-05	0.00E+00
3076	261215.5	4027871.19	3.85E-04	7.04E-05	5.26E-05	0.00E+00
3077	261200.8	4027902.43	3.85E-04	7.05E-05	5.27E-05	0.00E+00
3078	261186.2	4027933.66	3.87E-04	7.09E-05	5.29E-05	0.00E+00
3079	261171.6	4027964.89	3.91E-04	7.16E-05	5.35E-05	0.00E+00
3080	261156.9	4027996.13	3.96E-04	7.26E-05	5.42E-05	0.00E+00
3081	261142.3	4028027.36	4.01E-04	7.35E-05	5.48E-05	0.00E+00
3082	261127.7	4028058.59	4.06E-04	7.44E-05	5.55E-05	0.00E+00
3083	261113	4028089.83	4.13E-04	7.56E-05	5.65E-05	0.00E+00
3084	261098.4	4028121.06	4.21E-04	7.71E-05	5.75E-05	0.00E+00
3085	261083.8	4028152.29	4.29E-04	7.85E-05	5.86E-05	0.00E+00
3086	261069.1	4028183.53	4.36E-04	7.99E-05	5.96E-05	0.00E+00
3087	261054.5	4028214.76	4.45E-04	8.14E-05	6.08E-05	0.00E+00
3088	261039.9	4028245.99	4.52E-04	8.27E-05	6.17E-05	0.00E+00
3089	261025.2	4028277.23	4.58E-04	8.39E-05	6.26E-05	0.00E+00
3090	261010.6	4028308.46	4.63E-04	8.47E-05	6.32E-05	0.00E+00
3091	260996	4028339.69	4.66E-04	8.53E-05	6.37E-05	0.00E+00
3092	260981.3	4028370.93	4.68E-04	8.57E-05	6.39E-05	0.00E+00
3093	260966.7	4028402.16	4.68E-04	8.56E-05	6.39E-05	0.00E+00
3094	260952.1	4028433.39	4.67E-04	8.54E-05	6.38E-05	0.00E+00
3095	260937.4	4028464.63	4.65E-04	8.51E-05	6.36E-05	0.00E+00

3096	260914.2	4028486.88	4.67E-04	8.55E-05	6.38E-05	0.00E+00
3097	260882.4	4028500.15	4.73E-04	8.67E-05	6.47E-05	0.00E+00
3098	260850.5	4028513.41	4.79E-04	8.77E-05	6.55E-05	0.00E+00
3099	260818.7	4028526.68	4.84E-04	8.87E-05	6.62E-05	0.00E+00
3100	260786.8	4028539.95	4.91E-04	8.99E-05	6.71E-05	0.00E+00
3101	260755	4028553.21	4.98E-04	9.12E-05	6.81E-05	0.00E+00
3102	260723.2	4028566.48	5.05E-04	9.24E-05	6.90E-05	0.00E+00
3103	260691.3	4028579.75	5.11E-04	9.35E-05	6.98E-05	0.00E+00
3104	260659.5	4028593.02	5.16E-04	9.44E-05	7.05E-05	0.00E+00
3105	260627.6	4028606.28	5.21E-04	9.55E-05	7.13E-05	0.00E+00
3106	260595.8	4028619.55	5.27E-04	9.66E-05	7.21E-05	0.00E+00
3107	260564	4028632.82	5.33E-04	9.76E-05	7.29E-05	0.00E+00
3108	260532.1	4028646.08	5.39E-04	9.87E-05	7.36E-05	0.00E+00
3109	260500.3	4028659.35	5.48E-04	1.00E-04	7.49E-05	0.00E+00
3110	260468.5	4028672.62	5.60E-04	1.03E-04	7.65E-05	0.00E+00
3111	260436.6	4028685.89	5.74E-04	1.05E-04	7.85E-05	0.00E+00
3112	260404.8	4028699.15	5.89E-04	1.08E-04	8.04E-05	0.00E+00
3113	260372.9	4028712.42	6.03E-04	1.10E-04	8.24E-05	0.00E+00
3114	260341.1	4028725.69	6.17E-04	1.13E-04	8.43E-05	0.00E+00
3115	260309.3	4028738.96	6.28E-04	1.15E-04	8.58E-05	0.00E+00
3116	260277.4	4028752.22	6.38E-04	1.17E-04	8.72E-05	0.00E+00
3117	260245.6	4028765.49	6.50E-04	1.19E-04	8.89E-05	0.00E+00
3118	261267.9	4027744.58	3.91E-04	7.15E-05	5.34E-05	0.00E+00
3119	261459	4027791.15	3.28E-04	6.00E-05	4.48E-05	0.00E+00
3120	261444.5	4027822.03	3.24E-04	5.93E-05	4.43E-05	0.00E+00
3121	261430	4027852.9	3.21E-04	5.88E-05	4.39E-05	0.00E+00
3122	261415.6	4027883.77	3.20E-04	5.86E-05	4.37E-05	0.00E+00
3123	261401.1	4027914.64	3.20E-04	5.86E-05	4.37E-05	0.00E+00
3124	261386.7	4027945.51	3.21E-04	5.87E-05	4.38E-05	0.00E+00
3125	261372.2	4027976.39	3.21E-04	5.88E-05	4.39E-05	0.00E+00
3126	261357.7	4028007.26	3.22E-04	5.90E-05	4.40E-05	0.00E+00
3127	261343.3	4028038.13	3.24E-04	5.94E-05	4.43E-05	0.00E+00
3128	261328.8	4028069	3.28E-04	6.00E-05	4.48E-05	0.00E+00
3129	261314.3	4028099.87	3.32E-04	6.08E-05	4.54E-05	0.00E+00
3130	261299.9	4028130.74	3.38E-04	6.18E-05	4.61E-05	0.00E+00
3131	261285.4	4028161.62	3.44E-04	6.30E-05	4.70E-05	0.00E+00
3132	261270.9	4028192.49	3.50E-04	6.41E-05	4.79E-05	0.00E+00
3133	261256.5	4028223.36	3.57E-04	6.54E-05	4.88E-05	0.00E+00
3134	261242	4028254.23	3.65E-04	6.68E-05	4.99E-05	0.00E+00
3135	261227.5	4028285.1	3.72E-04	6.80E-05	5.08E-05	0.00E+00
3136	261213.1	4028315.98	3.78E-04	6.92E-05	5.17E-05	0.00E+00
3137	261198.6	4028346.85	3.84E-04	7.04E-05	5.25E-05	0.00E+00
3138	261184.2	4028377.72	3.89E-04	7.13E-05	5.32E-05	0.00E+00
3139	261169.7	4028408.59	3.92E-04	7.19E-05	5.36E-05	0.00E+00
3140	261155.2	4028439.46	3.95E-04	7.23E-05	5.40E-05	0.00E+00
3141	261140.8	4028470.34	3.96E-04	7.25E-05	5.41E-05	0.00E+00
3142	261126.3	4028501.21	3.96E-04	7.25E-05	5.41E-05	0.00E+00

3143	261111.8	4028532.08	3.95E-04	7.23E-05	5.40E-05	0.00E+00
3144	261097.4	4028562.95	3.93E-04	7.20E-05	5.38E-05	0.00E+00
3145	261082.9	4028593.82	3.91E-04	7.16E-05	5.34E-05	0.00E+00
3146	261052.7	4028631.25	3.92E-04	7.18E-05	5.36E-05	0.00E+00
3147	261021.2	4028644.37	3.97E-04	7.27E-05	5.43E-05	0.00E+00
3148	260989.8	4028657.48	4.02E-04	7.36E-05	5.50E-05	0.00E+00
3149	260958.3	4028670.59	4.07E-04	7.46E-05	5.57E-05	0.00E+00
3150	260926.8	4028683.71	4.12E-04	7.55E-05	5.63E-05	0.00E+00
3151	260895.4	4028696.82	4.17E-04	7.64E-05	5.70E-05	0.00E+00
3152	260863.9	4028709.94	4.23E-04	7.74E-05	5.78E-05	0.00E+00
3153	260832.4	4028723.05	4.28E-04	7.83E-05	5.85E-05	0.00E+00
3154	260800.9	4028736.16	4.33E-04	7.93E-05	5.92E-05	0.00E+00
3155	260769.5	4028749.28	4.38E-04	8.01E-05	5.98E-05	0.00E+00
3156	260738	4028762.39	4.41E-04	8.08E-05	6.03E-05	0.00E+00
3157	260706.5	4028775.5	4.43E-04	8.11E-05	6.05E-05	0.00E+00
3158	260675.1	4028788.62	4.46E-04	8.16E-05	6.09E-05	0.00E+00
3159	260643.6	4028801.73	4.49E-04	8.23E-05	6.14E-05	0.00E+00
3160	260612.1	4028814.85	4.55E-04	8.33E-05	6.22E-05	0.00E+00
3161	260580.7	4028827.96	4.61E-04	8.45E-05	6.30E-05	0.00E+00
3162	260549.2	4028841.07	4.69E-04	8.59E-05	6.41E-05	0.00E+00
3163	260517.7	4028854.19	4.77E-04	8.74E-05	6.52E-05	0.00E+00
3164	260486.2	4028867.3	4.89E-04	8.94E-05	6.68E-05	0.00E+00
3165	260454.8	4028880.41	4.99E-04	9.14E-05	6.82E-05	0.00E+00
3166	260423.3	4028893.53	5.09E-04	9.32E-05	6.96E-05	0.00E+00
3167	260391.8	4028906.64	5.19E-04	9.50E-05	7.09E-05	0.00E+00
3168	260360.4	4028919.75	5.28E-04	9.67E-05	7.22E-05	0.00E+00
3169	260328.9	4028932.87	5.39E-04	9.86E-05	7.36E-05	0.00E+00
3170	260297.4	4028945.98	5.49E-04	1.01E-04	7.50E-05	0.00E+00
3171	260266	4028959.1	5.60E-04	1.02E-04	7.65E-05	0.00E+00
3172	260234.5	4028972.21	5.71E-04	1.04E-04	7.80E-05	0.00E+00
3173	261467.4	4027758.42	3.33E-04	6.10E-05	4.55E-05	0.00E+00
3174	261658.4	4027805.11	2.89E-04	5.29E-05	3.95E-05	0.00E+00
3175	261643.9	4027836.2	2.86E-04	5.24E-05	3.91E-05	0.00E+00
3176	261629.3	4027867.3	2.84E-04	5.19E-05	3.88E-05	0.00E+00
3177	261614.7	4027898.4	2.81E-04	5.15E-05	3.84E-05	0.00E+00
3178	261600.2	4027929.5	2.78E-04	5.10E-05	3.81E-05	0.00E+00
3179	261585.6	4027960.6	2.76E-04	5.06E-05	3.77E-05	0.00E+00
3180	261571	4027991.69	2.74E-04	5.01E-05	3.74E-05	0.00E+00
3181	261556.5	4028022.79	2.72E-04	4.99E-05	3.72E-05	0.00E+00
3182	261541.9	4028053.89	2.73E-04	4.99E-05	3.73E-05	0.00E+00
3183	261527.3	4028084.99	2.74E-04	5.01E-05	3.74E-05	0.00E+00
3184	261512.7	4028116.09	2.76E-04	5.06E-05	3.77E-05	0.00E+00
3185	261498.2	4028147.19	2.79E-04	5.11E-05	3.82E-05	0.00E+00
3186	261483.6	4028178.28	2.83E-04	5.18E-05	3.87E-05	0.00E+00
3187	261469	4028209.38	2.88E-04	5.28E-05	3.94E-05	0.00E+00
3188	261454.5	4028240.48	2.94E-04	5.38E-05	4.02E-05	0.00E+00
3189	261439.9	4028271.58	3.00E-04	5.49E-05	4.10E-05	0.00E+00

3190	261425.3	4028302.68	3.07E-04	5.62E-05	4.19E-05	0.00E+00
3191	261410.7	4028333.77	3.14E-04	5.74E-05	4.29E-05	0.00E+00
3192	261396.2	4028364.87	3.20E-04	5.86E-05	4.37E-05	0.00E+00
3193	261381.6	4028395.97	3.27E-04	5.98E-05	4.46E-05	0.00E+00
3194	261367	4028427.07	3.32E-04	6.08E-05	4.54E-05	0.00E+00
3195	261352.5	4028458.17	3.37E-04	6.17E-05	4.60E-05	0.00E+00
3196	261337.9	4028489.27	3.40E-04	6.22E-05	4.65E-05	0.00E+00
3197	261323.3	4028520.36	3.42E-04	6.27E-05	4.68E-05	0.00E+00
3198	261308.8	4028551.46	3.44E-04	6.30E-05	4.70E-05	0.00E+00
3199	261294.2	4028582.56	3.43E-04	6.29E-05	4.69E-05	0.00E+00
3200	261279.6	4028613.66	3.42E-04	6.26E-05	4.67E-05	0.00E+00
3201	261265	4028644.76	3.40E-04	6.23E-05	4.65E-05	0.00E+00
3202	261250.5	4028675.85	3.39E-04	6.20E-05	4.63E-05	0.00E+00
3203	261235.9	4028706.95	3.37E-04	6.16E-05	4.60E-05	0.00E+00
3204	261221.3	4028738.05	3.35E-04	6.13E-05	4.58E-05	0.00E+00
3205	261190.9	4028775.75	3.36E-04	6.15E-05	4.59E-05	0.00E+00
3206	261159.2	4028788.96	3.40E-04	6.23E-05	4.65E-05	0.00E+00
3207	261127.5	4028802.17	3.45E-04	6.32E-05	4.72E-05	0.00E+00
3208	261095.8	4028815.38	3.50E-04	6.41E-05	4.78E-05	0.00E+00
3209	261064.1	4028828.59	3.54E-04	6.49E-05	4.84E-05	0.00E+00
3210	261032.4	4028841.8	3.59E-04	6.58E-05	4.91E-05	0.00E+00
3211	261000.7	4028855.01	3.64E-04	6.66E-05	4.97E-05	0.00E+00
3212	260969	4028868.22	3.69E-04	6.75E-05	5.04E-05	0.00E+00
3213	260937.3	4028881.43	3.71E-04	6.79E-05	5.06E-05	0.00E+00
3214	260905.6	4028894.64	3.75E-04	6.86E-05	5.12E-05	0.00E+00
3215	260873.9	4028907.85	3.79E-04	6.93E-05	5.18E-05	0.00E+00
3216	260842.2	4028921.06	3.82E-04	6.99E-05	5.22E-05	0.00E+00
3217	260810.5	4028934.27	3.83E-04	7.01E-05	5.23E-05	0.00E+00
3218	260778.8	4028947.48	3.84E-04	7.02E-05	5.24E-05	0.00E+00
3219	260747.1	4028960.69	3.86E-04	7.06E-05	5.27E-05	0.00E+00
3220	260715.4	4028973.9	3.88E-04	7.10E-05	5.30E-05	0.00E+00
3221	260683.7	4028987.11	3.91E-04	7.16E-05	5.34E-05	0.00E+00
3222	260652	4029000.32	3.96E-04	7.25E-05	5.41E-05	0.00E+00
3223	260620.3	4029013.53	4.03E-04	7.38E-05	5.51E-05	0.00E+00
3224	260588.6	4029026.74	4.10E-04	7.50E-05	5.60E-05	0.00E+00
3225	260556.9	4029039.95	4.18E-04	7.66E-05	5.72E-05	0.00E+00
3226	260525.2	4029053.16	4.26E-04	7.80E-05	5.82E-05	0.00E+00
3227	260493.5	4029066.37	4.35E-04	7.97E-05	5.95E-05	0.00E+00
3228	260461.8	4029079.58	4.43E-04	8.11E-05	6.05E-05	0.00E+00
3229	260430.1	4029092.79	4.50E-04	8.25E-05	6.16E-05	0.00E+00
3230	260398.4	4029106	4.58E-04	8.39E-05	6.26E-05	0.00E+00
3231	260366.7	4029119.21	4.67E-04	8.55E-05	6.38E-05	0.00E+00
3232	260335	4029132.42	4.76E-04	8.71E-05	6.51E-05	0.00E+00
3233	260303.3	4029145.63	4.87E-04	8.91E-05	6.65E-05	0.00E+00
3234	260271.6	4029158.84	4.97E-04	9.11E-05	6.80E-05	0.00E+00
3235	260239.9	4029172.05	5.08E-04	9.29E-05	6.94E-05	0.00E+00
3236	261666.9	4027772.26	2.94E-04	5.38E-05	4.02E-05	0.00E+00

3237	260195.1	4027643.19	1.48E-02	2.70E-03	2.02E-03	0.00E+00
3238	260194.7	4027618.34	1.89E-02	3.46E-03	2.58E-03	0.00E+00
3239	260194.3	4027593.49	2.20E-02	4.03E-03	3.01E-03	0.00E+00
3240	260193.8	4027568.64	2.51E-02	4.59E-03	3.43E-03	0.00E+00
3241	260193.4	4027543.79	2.74E-02	5.02E-03	3.75E-03	0.00E+00
3242	260193	4027518.94	2.90E-02	5.31E-03	3.96E-03	0.00E+00
3243	260192.6	4027494.09	3.02E-02	5.53E-03	4.12E-03	0.00E+00
3244	260192.2	4027469.24	3.12E-02	5.71E-03	4.26E-03	0.00E+00
3245	260191.8	4027444.39	3.22E-02	5.90E-03	4.41E-03	0.00E+00
3246	260191.3	4027419.55	3.28E-02	6.01E-03	4.49E-03	0.00E+00
3247	260190.9	4027394.7	3.35E-02	6.13E-03	4.57E-03	0.00E+00
3248	260190.5	4027369.85	3.45E-02	6.32E-03	4.71E-03	0.00E+00
3249	260190.1	4027345	3.47E-02	6.35E-03	4.74E-03	0.00E+00
3250	260189.7	4027320.15	3.46E-02	6.33E-03	4.73E-03	0.00E+00
3251	260189.2	4027295.3	3.48E-02	6.38E-03	4.76E-03	0.00E+00
3252	260188.8	4027270.45	3.48E-02	6.37E-03	4.76E-03	0.00E+00
3253	260188.4	4027245.6	3.49E-02	6.39E-03	4.77E-03	0.00E+00
3254	260188	4027220.75	3.51E-02	6.43E-03	4.80E-03	0.00E+00
3255	260187.6	4027195.9	3.53E-02	6.47E-03	4.83E-03	0.00E+00
3256	260187.2	4027171.05	3.55E-02	6.49E-03	4.85E-03	0.00E+00
3257	260186.7	4027146.2	3.60E-02	6.59E-03	4.92E-03	0.00E+00
3258	260186.3	4027121.35	3.68E-02	6.74E-03	5.03E-03	0.00E+00
3259	260185.9	4027096.5	3.70E-02	6.77E-03	5.05E-03	0.00E+00
3260	260185.5	4027071.65	3.69E-02	6.75E-03	5.04E-03	0.00E+00
3261	260185.1	4027046.81	3.61E-02	6.61E-03	4.94E-03	0.00E+00
3262	260184.6	4027021.96	3.51E-02	6.42E-03	4.79E-03	0.00E+00
3263	260184.2	4026997.11	3.54E-02	6.48E-03	4.84E-03	0.00E+00
3264	260183.8	4026972.26	3.56E-02	6.52E-03	4.87E-03	0.00E+00
3265	260183.4	4026947.41	3.48E-02	6.37E-03	4.76E-03	0.00E+00
3266	260183	4026922.56	3.35E-02	6.13E-03	4.58E-03	0.00E+00
3267	260220.1	4027642.77	8.65E-03	1.58E-03	1.18E-03	0.00E+00
3268	260219.7	4027617.92	1.10E-02	2.02E-03	1.51E-03	0.00E+00
3269	260219.3	4027593.07	1.32E-02	2.43E-03	1.81E-03	0.00E+00
3270	260218.8	4027568.22	1.57E-02	2.87E-03	2.14E-03	0.00E+00
3271	260218.4	4027543.37	1.73E-02	3.17E-03	2.37E-03	0.00E+00
3272	260218	4027518.52	1.87E-02	3.42E-03	2.55E-03	0.00E+00
3273	260217.6	4027493.67	1.99E-02	3.65E-03	2.72E-03	0.00E+00
3274	260217.2	4027468.82	2.09E-02	3.83E-03	2.86E-03	0.00E+00
3275	260216.8	4027443.97	2.18E-02	3.99E-03	2.98E-03	0.00E+00
3276	260216.3	4027419.12	2.25E-02	4.11E-03	3.07E-03	0.00E+00
3277	260215.9	4027394.28	2.32E-02	4.25E-03	3.17E-03	0.00E+00
3278	260215.5	4027369.43	2.38E-02	4.37E-03	3.26E-03	0.00E+00
3279	260215.1	4027344.58	2.43E-02	4.45E-03	3.33E-03	0.00E+00
3280	260214.7	4027319.73	2.47E-02	4.52E-03	3.37E-03	0.00E+00
3281	260214.2	4027294.88	2.50E-02	4.59E-03	3.42E-03	0.00E+00
3282	260213.8	4027270.03	2.54E-02	4.65E-03	3.47E-03	0.00E+00
3283	260213.4	4027245.18	2.57E-02	4.70E-03	3.51E-03	0.00E+00

3284	260213	4027220.33	2.58E-02	4.72E-03	3.53E-03	0.00E+00
3285	260212.6	4027195.48	2.59E-02	4.75E-03	3.55E-03	0.00E+00
3286	260212.2	4027170.63	2.63E-02	4.82E-03	3.60E-03	0.00E+00
3287	260211.7	4027145.78	2.65E-02	4.85E-03	3.62E-03	0.00E+00
3288	260211.3	4027120.93	2.65E-02	4.85E-03	3.62E-03	0.00E+00
3289	260210.9	4027096.08	2.64E-02	4.84E-03	3.61E-03	0.00E+00
3290	260210.5	4027071.23	2.64E-02	4.82E-03	3.60E-03	0.00E+00
3291	260210.1	4027046.38	2.62E-02	4.79E-03	3.57E-03	0.00E+00
3292	260209.6	4027021.54	2.59E-02	4.74E-03	3.54E-03	0.00E+00
3293	260209.2	4026996.69	2.58E-02	4.72E-03	3.52E-03	0.00E+00
3294	260208.8	4026971.84	2.58E-02	4.72E-03	3.52E-03	0.00E+00
3295	260208.4	4026946.99	2.54E-02	4.64E-03	3.47E-03	0.00E+00
3296	260208	4026922.14	2.48E-02	4.53E-03	3.38E-03	0.00E+00
3297	260245.1	4027642.35	6.17E-03	1.13E-03	8.44E-04	0.00E+00
3298	260244.7	4027617.5	7.69E-03	1.41E-03	1.05E-03	0.00E+00
3299	260244.3	4027592.65	9.12E-03	1.67E-03	1.25E-03	0.00E+00
3300	260243.8	4027567.8	1.07E-02	1.96E-03	1.46E-03	0.00E+00
3301	260243.4	4027542.95	1.20E-02	2.20E-03	1.64E-03	0.00E+00
3302	260243	4027518.1	1.32E-02	2.42E-03	1.81E-03	0.00E+00
3303	260242.6	4027493.25	1.43E-02	2.62E-03	1.96E-03	0.00E+00
3304	260242.2	4027468.4	1.52E-02	2.78E-03	2.08E-03	0.00E+00
3305	260241.7	4027443.55	1.61E-02	2.94E-03	2.19E-03	0.00E+00
3306	260241.3	4027418.7	1.68E-02	3.07E-03	2.29E-03	0.00E+00
3307	260240.9	4027393.85	1.74E-02	3.18E-03	2.38E-03	0.00E+00
3308	260240.5	4027369.01	1.79E-02	3.28E-03	2.45E-03	0.00E+00
3309	260240.1	4027344.16	1.84E-02	3.37E-03	2.52E-03	0.00E+00
3310	260239.7	4027319.31	1.89E-02	3.45E-03	2.58E-03	0.00E+00
3311	260239.2	4027294.46	1.92E-02	3.52E-03	2.63E-03	0.00E+00
3312	260238.8	4027269.61	1.96E-02	3.58E-03	2.67E-03	0.00E+00
3313	260238.4	4027244.76	1.98E-02	3.63E-03	2.71E-03	0.00E+00
3314	260238	4027219.91	2.01E-02	3.68E-03	2.75E-03	0.00E+00
3315	260237.6	4027195.06	2.03E-02	3.72E-03	2.78E-03	0.00E+00
3316	260237.1	4027170.21	2.04E-02	3.74E-03	2.79E-03	0.00E+00
3317	260236.7	4027145.36	2.06E-02	3.77E-03	2.81E-03	0.00E+00
3318	260236.3	4027120.51	2.06E-02	3.78E-03	2.82E-03	0.00E+00
3319	260235.9	4027095.66	2.06E-02	3.77E-03	2.81E-03	0.00E+00
3320	260235.5	4027070.81	2.06E-02	3.77E-03	2.82E-03	0.00E+00
3321	260235.1	4027045.96	2.06E-02	3.77E-03	2.81E-03	0.00E+00
3322	260234.6	4027021.11	2.05E-02	3.76E-03	2.80E-03	0.00E+00
3323	260234.2	4026996.26	2.05E-02	3.75E-03	2.80E-03	0.00E+00
3324	260233.8	4026971.42	2.04E-02	3.73E-03	2.78E-03	0.00E+00
3325	260233.4	4026946.57	2.01E-02	3.69E-03	2.75E-03	0.00E+00
3326	260233	4026921.72	1.98E-02	3.62E-03	2.70E-03	0.00E+00
3327	260232.5	4026896.87	1.92E-02	3.52E-03	2.63E-03	0.00E+00
3328	260270.1	4027641.93	4.86E-03	8.90E-04	6.64E-04	0.00E+00
3329	260269.7	4027617.08	5.75E-03	1.05E-03	7.85E-04	0.00E+00
3330	260269.3	4027592.23	6.74E-03	1.23E-03	9.21E-04	0.00E+00

3331	260268.8	4027567.38	7.82E-03	1.43E-03	1.07E-03	0.00E+00
3332	260268.4	4027542.53	8.87E-03	1.62E-03	1.21E-03	0.00E+00
3333	260268	4027517.68	9.86E-03	1.81E-03	1.35E-03	0.00E+00
3334	260267.6	4027492.83	1.08E-02	1.97E-03	1.47E-03	0.00E+00
3335	260267.2	4027467.98	1.16E-02	2.12E-03	1.58E-03	0.00E+00
3336	260266.7	4027443.13	1.23E-02	2.26E-03	1.69E-03	0.00E+00
3337	260266.3	4027418.28	1.30E-02	2.38E-03	1.77E-03	0.00E+00
3338	260265.9	4027393.43	1.36E-02	2.49E-03	1.86E-03	0.00E+00
3339	260265.5	4027368.58	1.41E-02	2.58E-03	1.93E-03	0.00E+00
3340	260265.1	4027343.73	1.46E-02	2.67E-03	1.99E-03	0.00E+00
3341	260264.7	4027318.89	1.50E-02	2.75E-03	2.05E-03	0.00E+00
3342	260264.2	4027294.04	1.54E-02	2.81E-03	2.10E-03	0.00E+00
3343	260263.8	4027269.19	1.57E-02	2.88E-03	2.15E-03	0.00E+00
3344	260263.4	4027244.34	1.60E-02	2.93E-03	2.19E-03	0.00E+00
3345	260263	4027219.49	1.62E-02	2.96E-03	2.21E-03	0.00E+00
3346	260262.6	4027194.64	1.64E-02	3.00E-03	2.24E-03	0.00E+00
3347	260262.1	4027169.79	1.66E-02	3.03E-03	2.26E-03	0.00E+00
3348	260261.7	4027144.94	1.68E-02	3.07E-03	2.29E-03	0.00E+00
3349	260261.3	4027120.09	1.69E-02	3.09E-03	2.31E-03	0.00E+00
3350	260260.9	4027095.24	1.70E-02	3.11E-03	2.32E-03	0.00E+00
3351	260260.5	4027070.39	1.70E-02	3.11E-03	2.32E-03	0.00E+00
3352	260320.1	4027641.09	3.40E-03	6.23E-04	4.65E-04	0.00E+00
3353	260319.7	4027616.24	3.81E-03	6.97E-04	5.20E-04	0.00E+00
3354	260319.2	4027591.39	4.29E-03	7.85E-04	5.86E-04	0.00E+00
3355	260318.8	4027566.54	4.84E-03	8.87E-04	6.62E-04	0.00E+00
3356	260318.4	4027541.69	5.45E-03	9.98E-04	7.45E-04	0.00E+00
3357	260318	4027516.84	6.07E-03	1.11E-03	8.30E-04	0.00E+00
3358	260317.6	4027491.99	6.70E-03	1.23E-03	9.16E-04	0.00E+00
3359	260317.2	4027467.14	7.30E-03	1.34E-03	9.98E-04	0.00E+00
3360	260316.7	4027442.29	7.88E-03	1.44E-03	1.08E-03	0.00E+00
3361	260316.3	4027417.44	8.41E-03	1.54E-03	1.15E-03	0.00E+00
3362	260315.9	4027392.59	8.91E-03	1.63E-03	1.22E-03	0.00E+00
3363	260315.5	4027367.74	9.37E-03	1.72E-03	1.28E-03	0.00E+00
3364	260315.1	4027342.89	9.79E-03	1.79E-03	1.34E-03	0.00E+00
3365	260314.6	4027318.04	1.02E-02	1.86E-03	1.39E-03	0.00E+00
3366	260314.2	4027293.19	1.05E-02	1.93E-03	1.44E-03	0.00E+00
3367	260313.8	4027268.35	1.08E-02	1.99E-03	1.48E-03	0.00E+00
3368	260313.4	4027243.5	1.11E-02	2.04E-03	1.52E-03	0.00E+00
3369	260313	4027218.65	1.14E-02	2.09E-03	1.56E-03	0.00E+00
3370	260312.6	4027193.8	1.16E-02	2.13E-03	1.59E-03	0.00E+00
3371	260312.1	4027168.95	1.18E-02	2.16E-03	1.61E-03	0.00E+00
3372	260311.7	4027144.1	1.20E-02	2.20E-03	1.64E-03	0.00E+00
3373	260311.3	4027119.25	1.22E-02	2.23E-03	1.66E-03	0.00E+00
3374	260310.9	4027094.4	1.23E-02	2.25E-03	1.68E-03	0.00E+00
3375	260310.5	4027069.55	1.23E-02	2.26E-03	1.69E-03	0.00E+00
3376	260310	4027044.7	1.24E-02	2.27E-03	1.69E-03	0.00E+00
3377	260309.6	4027019.85	1.24E-02	2.27E-03	1.70E-03	0.00E+00

3378	260309.2	4026995	1.25E-02	2.29E-03	1.71E-03	0.00E+00
3379	260308.8	4026970.15	1.25E-02	2.29E-03	1.71E-03	0.00E+00
3380	260308.4	4026945.3	1.24E-02	2.28E-03	1.70E-03	0.00E+00
3381	260308	4026920.45	1.23E-02	2.26E-03	1.69E-03	0.00E+00
3382	260307.5	4026895.6	1.22E-02	2.23E-03	1.67E-03	0.00E+00
3383	260370.1	4027640.24	2.61E-03	4.77E-04	3.56E-04	0.00E+00
3384	260369.7	4027615.39	2.84E-03	5.20E-04	3.88E-04	0.00E+00
3385	260369.2	4027590.55	3.11E-03	5.70E-04	4.26E-04	0.00E+00
3386	260368.8	4027565.7	3.43E-03	6.28E-04	4.69E-04	0.00E+00
3387	260368.4	4027540.85	3.78E-03	6.92E-04	5.16E-04	0.00E+00
3388	260368	4027516	4.16E-03	7.61E-04	5.68E-04	0.00E+00
3389	260367.6	4027491.15	4.56E-03	8.36E-04	6.24E-04	0.00E+00
3390	260367.1	4027466.3	4.98E-03	9.12E-04	6.81E-04	0.00E+00
3391	260366.7	4027441.45	5.40E-03	9.88E-04	7.38E-04	0.00E+00
3392	260366.3	4027416.6	5.81E-03	1.06E-03	7.93E-04	0.00E+00
3393	260365.9	4027391.75	6.20E-03	1.14E-03	8.47E-04	0.00E+00
3394	260365.5	4027366.9	6.58E-03	1.20E-03	8.99E-04	0.00E+00
3395	260365.1	4027342.05	6.93E-03	1.27E-03	9.47E-04	0.00E+00
3396	260364.6	4027317.2	7.26E-03	1.33E-03	9.92E-04	0.00E+00
3397	260364.2	4027292.35	7.58E-03	1.39E-03	1.04E-03	0.00E+00
3398	260363.8	4027267.5	7.87E-03	1.44E-03	1.08E-03	0.00E+00
3399	260363.4	4027242.65	8.14E-03	1.49E-03	1.11E-03	0.00E+00
3400	260363	4027217.8	8.39E-03	1.54E-03	1.15E-03	0.00E+00
3401	260362.5	4027192.96	8.62E-03	1.58E-03	1.18E-03	0.00E+00
3402	260362.1	4027168.11	8.82E-03	1.62E-03	1.21E-03	0.00E+00
3403	260361.7	4027143.26	9.00E-03	1.65E-03	1.23E-03	0.00E+00
3404	260361.3	4027118.41	9.16E-03	1.68E-03	1.25E-03	0.00E+00
3405	260360.9	4027093.56	9.30E-03	1.70E-03	1.27E-03	0.00E+00
3406	260360.5	4027068.71	9.41E-03	1.72E-03	1.29E-03	0.00E+00
3407	260420.1	4027639.4	2.11E-03	3.85E-04	2.88E-04	0.00E+00
3408	260419.7	4027614.55	2.25E-03	4.12E-04	3.08E-04	0.00E+00
3409	260419.2	4027589.7	2.42E-03	4.44E-04	3.31E-04	0.00E+00
3410	260418.8	4027564.85	2.62E-03	4.80E-04	3.58E-04	0.00E+00
3411	260418.4	4027540	2.84E-03	5.20E-04	3.88E-04	0.00E+00
3412	260418	4027515.16	3.08E-03	5.64E-04	4.21E-04	0.00E+00
3413	260417.6	4027490.31	3.34E-03	6.12E-04	4.57E-04	0.00E+00
3414	260417.1	4027465.46	3.62E-03	6.63E-04	4.95E-04	0.00E+00
3415	260416.7	4027440.61	3.91E-03	7.16E-04	5.35E-04	0.00E+00
3416	260416.3	4027415.76	4.21E-03	7.70E-04	5.75E-04	0.00E+00
3417	260415.9	4027390.91	4.50E-03	8.25E-04	6.16E-04	0.00E+00
3418	260415.5	4027366.06	4.80E-03	8.79E-04	6.56E-04	0.00E+00
3419	260415.1	4027341.21	5.09E-03	9.31E-04	6.95E-04	0.00E+00
3420	260414.6	4027316.36	5.36E-03	9.82E-04	7.33E-04	0.00E+00
3421	260414.2	4027291.51	5.63E-03	1.03E-03	7.70E-04	0.00E+00
3422	260413.8	4027266.66	5.89E-03	1.08E-03	8.05E-04	0.00E+00
3423	260413.4	4027241.81	6.13E-03	1.12E-03	8.38E-04	0.00E+00
3424	260413	4027216.96	6.36E-03	1.17E-03	8.70E-04	0.00E+00

3425	260412.5	4027192.11	6.57E-03	1.20E-03	8.99E-04	0.00E+00
3426	260412.1	4027167.26	6.76E-03	1.24E-03	9.24E-04	0.00E+00
3427	260411.7	4027142.41	6.92E-03	1.27E-03	9.46E-04	0.00E+00
3428	260411.3	4027117.57	7.08E-03	1.30E-03	9.68E-04	0.00E+00
3429	260410.9	4027092.72	7.23E-03	1.32E-03	9.88E-04	0.00E+00
3430	260410.4	4027067.87	7.38E-03	1.35E-03	1.01E-03	0.00E+00
3431	260410	4027043.02	7.50E-03	1.37E-03	1.02E-03	0.00E+00
3432	260409.6	4027018.17	7.60E-03	1.39E-03	1.04E-03	0.00E+00
3433	260409.2	4026993.32	7.68E-03	1.41E-03	1.05E-03	0.00E+00
3434	260408.8	4026968.47	7.73E-03	1.42E-03	1.06E-03	0.00E+00
3435	260408.4	4026943.62	7.78E-03	1.42E-03	1.06E-03	0.00E+00
3436	260407.9	4026918.77	7.81E-03	1.43E-03	1.07E-03	0.00E+00
3437	260407.5	4026893.92	7.81E-03	1.43E-03	1.07E-03	0.00E+00
3438	260470.5	4027663.41	1.67E-03	3.05E-04	2.28E-04	0.00E+00
3439	260470.1	4027638.56	1.76E-03	3.21E-04	2.40E-04	0.00E+00
3440	260469.6	4027613.71	1.85E-03	3.39E-04	2.53E-04	0.00E+00
3441	260469.2	4027588.86	1.97E-03	3.60E-04	2.69E-04	0.00E+00
3442	260468.8	4027564.01	2.10E-03	3.84E-04	2.87E-04	0.00E+00
3443	260468.4	4027539.16	2.24E-03	4.11E-04	3.07E-04	0.00E+00
3444	260468	4027514.31	2.41E-03	4.41E-04	3.29E-04	0.00E+00
3445	260467.6	4027489.46	2.58E-03	4.73E-04	3.53E-04	0.00E+00
3446	260467.1	4027464.61	2.77E-03	5.07E-04	3.79E-04	0.00E+00
3447	260466.7	4027439.77	2.97E-03	5.44E-04	4.06E-04	0.00E+00
3448	260466.3	4027414.92	3.17E-03	5.81E-04	4.34E-04	0.00E+00
3449	260465.9	4027390.07	3.40E-03	6.22E-04	4.64E-04	0.00E+00
3450	260465.5	4027365.22	3.63E-03	6.64E-04	4.96E-04	0.00E+00
3451	260465	4027340.37	3.85E-03	7.06E-04	5.27E-04	0.00E+00
3452	260464.6	4027315.52	4.08E-03	7.47E-04	5.58E-04	0.00E+00
3453	260464.2	4027290.67	4.30E-03	7.88E-04	5.88E-04	0.00E+00
3454	260463.8	4027265.82	4.52E-03	8.28E-04	6.18E-04	0.00E+00
3455	260463.4	4027240.97	4.73E-03	8.66E-04	6.47E-04	0.00E+00
3456	260463	4027216.12	4.93E-03	9.02E-04	6.74E-04	0.00E+00
3457	260462.5	4027191.27	5.10E-03	9.34E-04	6.97E-04	0.00E+00
3458	260462.1	4027166.42	5.25E-03	9.62E-04	7.18E-04	0.00E+00
3459	260461.7	4027141.57	5.44E-03	9.96E-04	7.43E-04	0.00E+00
3460	260461.3	4027116.72	5.61E-03	1.03E-03	7.66E-04	0.00E+00
3461	260460.9	4027091.87	5.76E-03	1.05E-03	7.87E-04	0.00E+00
3462	260460.4	4027067.03	5.90E-03	1.08E-03	8.06E-04	0.00E+00
3463	260570.5	4027661.73	1.25E-03	2.29E-04	1.71E-04	0.00E+00
3464	260570	4027636.88	1.30E-03	2.37E-04	1.77E-04	0.00E+00
3465	260569.6	4027612.03	1.35E-03	2.47E-04	1.84E-04	0.00E+00
3466	260569.2	4027587.18	1.40E-03	2.57E-04	1.92E-04	0.00E+00
3467	260568.8	4027562.33	1.47E-03	2.69E-04	2.01E-04	0.00E+00
3468	260568.4	4027537.48	1.54E-03	2.83E-04	2.11E-04	0.00E+00
3469	260568	4027512.63	1.63E-03	2.98E-04	2.22E-04	0.00E+00
3470	260567.5	4027487.78	1.72E-03	3.15E-04	2.35E-04	0.00E+00
3471	260567.1	4027462.93	1.82E-03	3.33E-04	2.48E-04	0.00E+00

3472	260566.7	4027438.08	1.92E-03	3.52E-04	2.63E-04	0.00E+00
3473	260566.3	4027413.23	2.04E-03	3.73E-04	2.78E-04	0.00E+00
3474	260565.9	4027388.38	2.16E-03	3.95E-04	2.95E-04	0.00E+00
3475	260565.4	4027363.53	2.28E-03	4.18E-04	3.12E-04	0.00E+00
3476	260565	4027338.68	2.41E-03	4.42E-04	3.30E-04	0.00E+00
3477	260564.6	4027313.84	2.55E-03	4.67E-04	3.48E-04	0.00E+00
3478	260564.2	4027288.99	2.69E-03	4.93E-04	3.68E-04	0.00E+00
3479	260563.8	4027264.14	2.84E-03	5.20E-04	3.88E-04	0.00E+00
3480	260563.4	4027239.29	2.99E-03	5.47E-04	4.08E-04	0.00E+00
3481	260562.9	4027214.44	3.13E-03	5.73E-04	4.27E-04	0.00E+00
3482	260562.5	4027189.59	3.26E-03	5.98E-04	4.46E-04	0.00E+00
3483	260562.1	4027164.74	3.39E-03	6.20E-04	4.63E-04	0.00E+00
3484	260561.7	4027139.89	3.50E-03	6.41E-04	4.79E-04	0.00E+00
3485	260561.3	4027115.04	3.63E-03	6.65E-04	4.97E-04	0.00E+00
3486	260560.8	4027090.19	3.79E-03	6.94E-04	5.18E-04	0.00E+00
3487	260560.4	4027065.34	3.92E-03	7.17E-04	5.35E-04	0.00E+00
3488	260560	4027040.49	4.03E-03	7.38E-04	5.51E-04	0.00E+00
3489	260559.6	4027015.64	4.12E-03	7.55E-04	5.63E-04	0.00E+00
3490	260559.2	4026990.79	4.22E-03	7.73E-04	5.77E-04	0.00E+00
3491	260558.8	4026965.94	4.32E-03	7.91E-04	5.91E-04	0.00E+00
3492	260558.3	4026941.09	4.37E-03	8.00E-04	5.97E-04	0.00E+00
3493	260557.9	4026916.25	4.40E-03	8.06E-04	6.02E-04	0.00E+00
3494	260557.5	4026891.4	4.47E-03	8.19E-04	6.11E-04	0.00E+00
3495	260670.5	4027660.04	9.80E-04	1.79E-04	1.34E-04	0.00E+00
3496	260670	4027635.19	1.01E-03	1.84E-04	1.37E-04	0.00E+00
3497	260669.6	4027610.34	1.04E-03	1.90E-04	1.42E-04	0.00E+00
3498	260669.2	4027585.49	1.08E-03	1.97E-04	1.47E-04	0.00E+00
3499	260668.8	4027560.65	1.11E-03	2.03E-04	1.52E-04	0.00E+00
3500	260668.4	4027535.8	1.15E-03	2.11E-04	1.57E-04	0.00E+00
3501	260667.9	4027510.95	1.20E-03	2.20E-04	1.65E-04	0.00E+00
3502	260667.5	4027486.1	1.26E-03	2.31E-04	1.72E-04	0.00E+00
3503	260667.1	4027461.25	1.32E-03	2.42E-04	1.80E-04	0.00E+00
3504	260666.7	4027436.4	1.38E-03	2.53E-04	1.89E-04	0.00E+00
3505	260666.3	4027411.55	1.45E-03	2.66E-04	1.99E-04	0.00E+00
3506	260665.9	4027386.7	1.53E-03	2.79E-04	2.09E-04	0.00E+00
3507	260665.4	4027361.85	1.60E-03	2.93E-04	2.19E-04	0.00E+00
3508	260665	4027337	1.67E-03	3.06E-04	2.29E-04	0.00E+00
3509	260664.6	4027312.15	1.75E-03	3.21E-04	2.39E-04	0.00E+00
3510	260664.2	4027287.3	1.84E-03	3.37E-04	2.51E-04	0.00E+00
3511	260663.8	4027262.45	1.93E-03	3.54E-04	2.64E-04	0.00E+00
3512	260663.3	4027237.6	2.03E-03	3.71E-04	2.77E-04	0.00E+00
3513	260662.9	4027212.75	2.11E-03	3.87E-04	2.89E-04	0.00E+00
3514	260662.5	4027187.9	2.21E-03	4.04E-04	3.02E-04	0.00E+00
3515	260662.1	4027163.06	2.31E-03	4.22E-04	3.15E-04	0.00E+00
3516	260661.7	4027138.21	2.41E-03	4.41E-04	3.29E-04	0.00E+00
3517	260661.2	4027113.36	2.50E-03	4.58E-04	3.42E-04	0.00E+00
3518	260660.8	4027088.51	2.61E-03	4.78E-04	3.56E-04	0.00E+00

3519	260660.4	4027063.66	2.71E-03	4.96E-04	3.70E-04	0.00E+00
3520	260770	4027675.57	7.90E-04	1.45E-04	1.08E-04	0.00E+00
3521	260770	4027633.51	8.21E-04	1.50E-04	1.12E-04	0.00E+00
3522	260769.6	4027608.66	8.41E-04	1.54E-04	1.15E-04	0.00E+00
3523	260769.2	4027583.81	8.63E-04	1.58E-04	1.18E-04	0.00E+00
3524	260768.8	4027558.96	8.88E-04	1.63E-04	1.21E-04	0.00E+00
3525	260768.3	4027534.11	9.16E-04	1.68E-04	1.25E-04	0.00E+00
3526	260767.9	4027509.26	9.48E-04	1.74E-04	1.30E-04	0.00E+00
3527	260767.5	4027484.41	9.86E-04	1.81E-04	1.35E-04	0.00E+00
3528	260767.1	4027459.56	1.03E-03	1.88E-04	1.40E-04	0.00E+00
3529	260766.7	4027434.72	1.07E-03	1.96E-04	1.46E-04	0.00E+00
3530	260766.3	4027409.87	1.12E-03	2.04E-04	1.53E-04	0.00E+00
3531	260765.8	4027385.02	1.16E-03	2.13E-04	1.59E-04	0.00E+00
3532	260765.4	4027360.17	1.21E-03	2.22E-04	1.66E-04	0.00E+00
3533	260765	4027335.32	1.27E-03	2.32E-04	1.73E-04	0.00E+00
3534	260764.6	4027310.47	1.32E-03	2.42E-04	1.81E-04	0.00E+00
3535	260764.2	4027285.62	1.37E-03	2.52E-04	1.88E-04	0.00E+00
3536	260763.7	4027260.77	1.43E-03	2.61E-04	1.95E-04	0.00E+00
3537	260763.3	4027235.92	1.49E-03	2.73E-04	2.04E-04	0.00E+00
3538	260762.9	4027211.07	1.55E-03	2.84E-04	2.12E-04	0.00E+00
3539	260762.5	4027186.22	1.62E-03	2.96E-04	2.21E-04	0.00E+00
3540	260762.1	4027161.37	1.68E-03	3.08E-04	2.30E-04	0.00E+00
3541	260761.7	4027136.52	1.75E-03	3.20E-04	2.39E-04	0.00E+00
3542	260761.2	4027111.67	1.82E-03	3.33E-04	2.48E-04	0.00E+00
3543	260760.8	4027086.82	1.91E-03	3.50E-04	2.61E-04	0.00E+00
3544	260760.4	4027061.97	2.00E-03	3.66E-04	2.73E-04	0.00E+00
3545	260760	4027037.13	2.07E-03	3.79E-04	2.83E-04	0.00E+00
3546	260759.6	4027012.28	2.14E-03	3.91E-04	2.92E-04	0.00E+00
3547	260759.1	4026987.43	2.21E-03	4.04E-04	3.02E-04	0.00E+00
3548	260758.7	4026962.58	2.28E-03	4.18E-04	3.12E-04	0.00E+00
3549	260758.3	4026937.73	2.35E-03	4.31E-04	3.21E-04	0.00E+00
3550	260757.9	4026912.88	2.42E-03	4.42E-04	3.30E-04	0.00E+00
3551	260757.5	4026888.03	2.48E-03	4.53E-04	3.38E-04	0.00E+00
3552	260869.9	4027676.75	6.62E-04	1.21E-04	9.05E-05	0.00E+00
3553	260870	4027631.83	6.87E-04	1.26E-04	9.40E-05	0.00E+00
3554	260869.6	4027606.98	7.03E-04	1.29E-04	9.61E-05	0.00E+00
3555	260869.2	4027582.13	7.20E-04	1.32E-04	9.84E-05	0.00E+00
3556	260868.8	4027557.28	7.39E-04	1.35E-04	1.01E-04	0.00E+00
3557	260868.3	4027532.43	7.60E-04	1.39E-04	1.04E-04	0.00E+00
3558	260867.9	4027507.58	7.84E-04	1.43E-04	1.07E-04	0.00E+00
3559	260867.5	4027482.73	8.10E-04	1.48E-04	1.11E-04	0.00E+00
3560	260867.1	4027457.88	8.39E-04	1.54E-04	1.15E-04	0.00E+00
3561	260866.7	4027433.03	8.70E-04	1.59E-04	1.19E-04	0.00E+00
3562	260866.2	4027408.18	9.03E-04	1.65E-04	1.23E-04	0.00E+00
3563	260865.8	4027383.33	9.32E-04	1.71E-04	1.27E-04	0.00E+00
3564	260865.4	4027358.48	9.63E-04	1.76E-04	1.32E-04	0.00E+00
3565	260865	4027333.63	9.97E-04	1.83E-04	1.36E-04	0.00E+00

3566	260864.6	4027308.78	1.04E-03	1.90E-04	1.42E-04	0.00E+00
3567	260864.1	4027283.94	1.08E-03	1.97E-04	1.47E-04	0.00E+00
3568	260863.7	4027259.09	1.11E-03	2.04E-04	1.52E-04	0.00E+00
3569	260863.3	4027234.24	1.15E-03	2.11E-04	1.58E-04	0.00E+00
3570	260862.9	4027209.39	1.20E-03	2.20E-04	1.64E-04	0.00E+00
3571	260862.5	4027184.54	1.25E-03	2.30E-04	1.71E-04	0.00E+00
3572	260862.1	4027159.69	1.30E-03	2.38E-04	1.78E-04	0.00E+00
3573	260861.6	4027134.84	1.35E-03	2.47E-04	1.84E-04	0.00E+00
3574	260861.2	4027109.99	1.40E-03	2.56E-04	1.91E-04	0.00E+00
3575	260860.8	4027085.14	1.46E-03	2.67E-04	1.99E-04	0.00E+00
3576	260860.4	4027060.29	1.51E-03	2.77E-04	2.07E-04	0.00E+00
3577	261069.9	4027672.67	5.02E-04	9.20E-05	6.86E-05	0.00E+00
3578	261070	4027628.46	5.20E-04	9.53E-05	7.11E-05	0.00E+00
3579	261069.6	4027603.61	5.30E-04	9.71E-05	7.25E-05	0.00E+00
3580	261069.1	4027578.76	5.41E-04	9.91E-05	7.40E-05	0.00E+00
3581	261068.7	4027553.91	5.53E-04	1.01E-04	7.56E-05	0.00E+00
3582	261068.3	4027529.06	5.64E-04	1.03E-04	7.71E-05	0.00E+00
3583	261067.9	4027504.21	5.80E-04	1.06E-04	7.92E-05	0.00E+00
3584	261067.5	4027479.36	5.96E-04	1.09E-04	8.15E-05	0.00E+00
3585	261067.1	4027454.51	6.14E-04	1.12E-04	8.39E-05	0.00E+00
3586	261066.6	4027429.66	6.33E-04	1.16E-04	8.65E-05	0.00E+00
3587	261066.2	4027404.82	6.52E-04	1.19E-04	8.92E-05	0.00E+00
3588	261065.8	4027379.97	6.73E-04	1.23E-04	9.19E-05	0.00E+00
3589	261065.4	4027355.12	6.90E-04	1.26E-04	9.44E-05	0.00E+00
3590	261065	4027330.27	7.14E-04	1.31E-04	9.75E-05	0.00E+00
3591	261064.5	4027305.42	7.37E-04	1.35E-04	1.01E-04	0.00E+00
3592	261064.1	4027280.57	7.57E-04	1.39E-04	1.03E-04	0.00E+00
3593	261063.7	4027255.72	7.78E-04	1.43E-04	1.06E-04	0.00E+00
3594	261063.3	4027230.87	8.04E-04	1.47E-04	1.10E-04	0.00E+00
3595	261062.9	4027206.02	8.31E-04	1.52E-04	1.14E-04	0.00E+00
3596	261062.4	4027181.17	8.55E-04	1.57E-04	1.17E-04	0.00E+00
3597	261062	4027156.32	8.80E-04	1.61E-04	1.20E-04	0.00E+00
3598	261061.6	4027131.47	9.08E-04	1.66E-04	1.24E-04	0.00E+00
3599	261061.2	4027106.62	9.34E-04	1.71E-04	1.28E-04	0.00E+00
3600	261060.8	4027081.77	9.64E-04	1.76E-04	1.32E-04	0.00E+00
3601	261060.4	4027056.92	9.92E-04	1.82E-04	1.36E-04	0.00E+00
3602	261269.7	4027673.6	4.12E-04	7.55E-05	5.64E-05	0.00E+00
3603	261269.1	4027697.26	4.05E-04	7.41E-05	5.53E-05	0.00E+00
3604	261268.5	4027720.92	3.98E-04	7.28E-05	5.43E-05	0.00E+00
3605	261270.4	4027649.94	4.20E-04	7.70E-05	5.75E-05	0.00E+00
3606	261270	4027625.09	4.29E-04	7.85E-05	5.86E-05	0.00E+00
3607	261269.5	4027600.24	4.38E-04	8.01E-05	5.98E-05	0.00E+00
3608	261269.1	4027575.39	4.46E-04	8.17E-05	6.10E-05	0.00E+00
3609	261268.7	4027550.54	4.53E-04	8.29E-05	6.19E-05	0.00E+00
3610	261268.3	4027525.7	4.57E-04	8.37E-05	6.24E-05	0.00E+00
3611	261267.9	4027500.85	4.61E-04	8.44E-05	6.30E-05	0.00E+00
3612	261267.4	4027476	4.72E-04	8.64E-05	6.45E-05	0.00E+00

3613	261267	4027451.15	4.88E-04	8.93E-05	6.66E-05	0.00E+00
3614	261266.6	4027426.3	5.03E-04	9.22E-05	6.88E-05	0.00E+00
3615	261266.2	4027401.45	5.16E-04	9.44E-05	7.05E-05	0.00E+00
3616	261265.8	4027376.6	5.27E-04	9.64E-05	7.20E-05	0.00E+00
3617	261265.3	4027351.75	5.39E-04	9.87E-05	7.36E-05	0.00E+00
3618	261264.9	4027326.9	5.55E-04	1.02E-04	7.58E-05	0.00E+00
3619	261264.5	4027302.05	5.66E-04	1.04E-04	7.74E-05	0.00E+00
3620	261264.1	4027277.2	5.80E-04	1.06E-04	7.93E-05	0.00E+00
3621	261263.7	4027252.35	5.96E-04	1.09E-04	8.14E-05	0.00E+00
3622	261263.3	4027227.5	6.07E-04	1.11E-04	8.30E-05	0.00E+00
3623	261262.8	4027202.65	6.21E-04	1.14E-04	8.49E-05	0.00E+00
3624	261262.4	4027177.8	6.39E-04	1.17E-04	8.73E-05	0.00E+00
3625	261262	4027152.95	6.56E-04	1.20E-04	8.97E-05	0.00E+00
3626	261261.6	4027128.11	6.73E-04	1.23E-04	9.19E-05	0.00E+00
3627	261261.2	4027103.26	6.90E-04	1.26E-04	9.42E-05	0.00E+00
3628	261260.7	4027078.41	7.07E-04	1.29E-04	9.66E-05	0.00E+00
3629	261260.3	4027053.56	7.24E-04	1.33E-04	9.90E-05	0.00E+00
3630	261469.8	4027668.94	3.55E-04	6.49E-05	4.85E-05	0.00E+00
3631	261468.6	4027713.68	3.44E-04	6.29E-05	4.70E-05	0.00E+00
3632	261470.3	4027646.58	3.60E-04	6.59E-05	4.92E-05	0.00E+00
3633	261469.9	4027621.73	3.65E-04	6.68E-05	4.99E-05	0.00E+00
3634	261469.5	4027596.88	3.76E-04	6.88E-05	5.13E-05	0.00E+00
3635	261469.1	4027572.03	3.84E-04	7.02E-05	5.24E-05	0.00E+00
3636	261468.7	4027547.18	3.90E-04	7.13E-05	5.33E-05	0.00E+00
3637	261468.2	4027522.33	3.96E-04	7.25E-05	5.41E-05	0.00E+00
3638	261467.8	4027497.48	4.03E-04	7.38E-05	5.51E-05	0.00E+00
3639	261467.4	4027472.63	4.10E-04	7.50E-05	5.60E-05	0.00E+00
3640	261467	4027447.78	4.16E-04	7.62E-05	5.69E-05	0.00E+00
3641	261466.6	4027422.93	4.23E-04	7.74E-05	5.78E-05	0.00E+00
3642	261466.2	4027398.08	4.30E-04	7.87E-05	5.87E-05	0.00E+00
3643	261465.7	4027373.23	4.37E-04	8.01E-05	5.98E-05	0.00E+00
3644	261465.3	4027348.38	4.45E-04	8.15E-05	6.09E-05	0.00E+00
3645	261464.9	4027323.53	4.52E-04	8.28E-05	6.18E-05	0.00E+00
3646	261464.5	4027298.68	4.61E-04	8.44E-05	6.30E-05	0.00E+00
3647	261464.1	4027273.83	4.70E-04	8.61E-05	6.43E-05	0.00E+00
3648	261463.6	4027248.99	4.80E-04	8.79E-05	6.56E-05	0.00E+00
3649	261463.2	4027224.14	4.90E-04	8.97E-05	6.69E-05	0.00E+00
3650	261462.8	4027199.29	5.00E-04	9.15E-05	6.83E-05	0.00E+00
3651	261462.4	4027174.44	5.10E-04	9.35E-05	6.98E-05	0.00E+00
3652	261462	4027149.59	5.21E-04	9.53E-05	7.12E-05	0.00E+00
3653	261461.6	4027124.74	5.31E-04	9.72E-05	7.26E-05	0.00E+00
3654	261461.1	4027099.89	5.43E-04	9.95E-05	7.42E-05	0.00E+00
3655	261460.7	4027075.04	5.56E-04	1.02E-04	7.60E-05	0.00E+00
3656	261460.3	4027050.19	5.69E-04	1.04E-04	7.77E-05	0.00E+00
3657	261459.9	4027025.34	5.81E-04	1.06E-04	7.94E-05	0.00E+00
3658	261459.5	4027000.49	5.94E-04	1.09E-04	8.11E-05	0.00E+00
3659	261459	4026975.64	6.07E-04	1.11E-04	8.29E-05	0.00E+00

3660	261458.6	4026950.79	6.19E-04	1.13E-04	8.45E-05	0.00E+00
3661	261458.2	4026925.94	6.31E-04	1.16E-04	8.63E-05	0.00E+00
3662	261457.8	4026901.09	6.44E-04	1.18E-04	8.81E-05	0.00E+00
3663	261457.4	4026876.25	6.56E-04	1.20E-04	8.97E-05	0.00E+00
3664	261669.7	4027664.72	3.18E-04	5.82E-05	4.34E-05	0.00E+00
3665	261668.6	4027707.73	3.08E-04	5.64E-05	4.21E-05	0.00E+00
3666	261669.9	4027618.36	3.28E-04	6.00E-05	4.48E-05	0.00E+00
3667	261669.5	4027593.51	3.34E-04	6.11E-05	4.56E-05	0.00E+00
3668	261669.1	4027568.66	3.39E-04	6.21E-05	4.64E-05	0.00E+00
3669	261668.6	4027543.81	3.44E-04	6.30E-05	4.70E-05	0.00E+00
3670	261668.2	4027518.96	3.49E-04	6.39E-05	4.77E-05	0.00E+00
3671	261667.8	4027494.11	3.53E-04	6.47E-05	4.83E-05	0.00E+00
3672	261667.4	4027469.26	3.58E-04	6.55E-05	4.89E-05	0.00E+00
3673	261667	4027444.41	3.61E-04	6.62E-05	4.94E-05	0.00E+00
3674	261666.5	4027419.56	3.65E-04	6.69E-05	4.99E-05	0.00E+00
3675	261666.1	4027394.71	3.69E-04	6.76E-05	5.05E-05	0.00E+00
3676	261665.7	4027369.87	3.74E-04	6.85E-05	5.11E-05	0.00E+00
3677	261665.3	4027345.02	3.79E-04	6.93E-05	5.18E-05	0.00E+00
3678	261664.9	4027320.17	3.84E-04	7.03E-05	5.25E-05	0.00E+00
3679	261664.5	4027295.32	3.89E-04	7.13E-05	5.32E-05	0.00E+00
3680	261664	4027270.47	3.95E-04	7.24E-05	5.40E-05	0.00E+00
3681	261663.6	4027245.62	4.02E-04	7.36E-05	5.49E-05	0.00E+00
3682	261663.2	4027220.77	4.09E-04	7.49E-05	5.59E-05	0.00E+00
3683	261662.8	4027195.92	4.16E-04	7.62E-05	5.69E-05	0.00E+00
3684	261662.4	4027171.07	4.24E-04	7.77E-05	5.80E-05	0.00E+00
3685	261661.9	4027146.22	4.32E-04	7.91E-05	5.90E-05	0.00E+00
3686	261661.5	4027121.37	4.41E-04	8.07E-05	6.02E-05	0.00E+00
3687	261661.1	4027096.52	4.49E-04	8.22E-05	6.13E-05	0.00E+00
3688	261660.7	4027071.67	4.57E-04	8.37E-05	6.25E-05	0.00E+00
3689	261660.3	4027046.82	4.66E-04	8.54E-05	6.37E-05	0.00E+00
3690	261659.9	4027021.97	4.76E-04	8.71E-05	6.50E-05	0.00E+00
3691	261659.4	4026997.12	4.85E-04	8.88E-05	6.63E-05	0.00E+00
3692	261659	4026972.28	4.94E-04	9.05E-05	6.75E-05	0.00E+00
3693	261658.6	4026947.43	5.04E-04	9.22E-05	6.88E-05	0.00E+00
3694	261658.2	4026922.58	5.14E-04	9.41E-05	7.02E-05	0.00E+00
3695	261657.8	4026897.73	5.23E-04	9.58E-05	7.15E-05	0.00E+00
3696	261657.3	4026872.88	5.33E-04	9.75E-05	7.28E-05	0.00E+00
3697	260288.1	4026826.13	1.23E-02	2.26E-03	1.69E-03	0.00E+00
3698	260294.2	4026848.07	1.24E-02	2.27E-03	1.70E-03	0.00E+00
3699	260300.4	4026870.01	1.24E-02	2.27E-03	1.69E-03	0.00E+00
3700	260348.1	4026861.01	9.86E-03	1.81E-03	1.35E-03	0.00E+00
3701	260374.5	4026775.74	8.21E-03	1.50E-03	1.12E-03	0.00E+00
3702	260380.7	4026797.9	8.22E-03	1.51E-03	1.12E-03	0.00E+00
3703	260386.9	4026820.06	8.19E-03	1.50E-03	1.12E-03	0.00E+00
3704	260393.1	4026842.22	8.11E-03	1.49E-03	1.11E-03	0.00E+00
3705	260399.3	4026864.38	8.01E-03	1.47E-03	1.09E-03	0.00E+00
3706	260420.8	4026761.83	6.99E-03	1.28E-03	9.56E-04	0.00E+00

3707	260504	4026700.14	5.28E-03	9.66E-04	7.21E-04	0.00E+00
3708	260510.3	4026722.64	5.25E-03	9.60E-04	7.17E-04	0.00E+00
3709	260516.6	4026745.14	5.20E-03	9.52E-04	7.11E-04	0.00E+00
3710	260522.9	4026767.64	5.14E-03	9.42E-04	7.03E-04	0.00E+00
3711	260529.2	4026790.14	5.07E-03	9.28E-04	6.92E-04	0.00E+00
3712	260535.5	4026812.64	4.97E-03	9.10E-04	6.79E-04	0.00E+00
3713	260541.8	4026835.14	4.85E-03	8.88E-04	6.63E-04	0.00E+00
3714	260548.1	4026857.65	4.72E-03	8.65E-04	6.46E-04	0.00E+00
3715	260590.4	4026649.71	4.15E-03	7.59E-04	5.67E-04	0.00E+00
3716	260596.6	4026672.21	4.11E-03	7.53E-04	5.62E-04	0.00E+00
3717	260602.9	4026694.71	4.07E-03	7.45E-04	5.56E-04	0.00E+00
3718	260609.2	4026717.21	4.02E-03	7.36E-04	5.49E-04	0.00E+00
3719	260615.5	4026739.71	3.96E-03	7.24E-04	5.41E-04	0.00E+00
3720	260626	4026777.21	3.83E-03	7.01E-04	5.23E-04	0.00E+00
3721	260648	4026855.96	3.48E-03	6.36E-04	4.75E-04	0.00E+00
3722	260676.7	4026599.27	3.36E-03	6.16E-04	4.60E-04	0.00E+00
3723	260683	4026621.77	3.33E-03	6.10E-04	4.55E-04	0.00E+00
3724	260689.3	4026644.27	3.29E-03	6.03E-04	4.50E-04	0.00E+00
3725	260695.6	4026666.77	3.25E-03	5.94E-04	4.44E-04	0.00E+00
3726	260701.9	4026689.27	3.19E-03	5.84E-04	4.36E-04	0.00E+00
3727	260708.2	4026711.78	3.13E-03	5.73E-04	4.28E-04	0.00E+00
3728	260714.5	4026734.28	3.06E-03	5.61E-04	4.18E-04	0.00E+00
3729	260720.8	4026756.78	2.99E-03	5.47E-04	4.08E-04	0.00E+00
3730	260727.1	4026779.28	2.91E-03	5.32E-04	3.97E-04	0.00E+00
3731	260733.3	4026801.78	2.82E-03	5.17E-04	3.86E-04	0.00E+00
3732	260739.6	4026824.28	2.74E-03	5.01E-04	3.74E-04	0.00E+00
3733	260745.9	4026846.78	2.65E-03	4.85E-04	3.62E-04	0.00E+00
3734	260763.1	4026548.84	2.80E-03	5.12E-04	3.82E-04	0.00E+00
3735	260769.3	4026571.34	2.77E-03	5.06E-04	3.78E-04	0.00E+00
3736	260775.6	4026593.84	2.73E-03	4.99E-04	3.73E-04	0.00E+00
3737	260781.9	4026616.34	2.69E-03	4.92E-04	3.67E-04	0.00E+00
3738	260788.2	4026638.84	2.64E-03	4.83E-04	3.61E-04	0.00E+00
3739	260794.5	4026661.34	2.59E-03	4.74E-04	3.54E-04	0.00E+00
3740	260800.8	4026683.84	2.53E-03	4.64E-04	3.46E-04	0.00E+00
3741	260807.1	4026706.34	2.47E-03	4.53E-04	3.38E-04	0.00E+00
3742	260813.4	4026728.84	2.41E-03	4.41E-04	3.29E-04	0.00E+00
3743	260826	4026773.84	2.27E-03	4.16E-04	3.10E-04	0.00E+00
3744	260847	4026848.84	2.03E-03	3.71E-04	2.77E-04	0.00E+00
3745	260935.8	4026447.97	2.04E-03	3.74E-04	2.79E-04	0.00E+00
3746	260942	4026470.47	2.01E-03	3.69E-04	2.75E-04	0.00E+00
3747	260948.3	4026492.97	1.98E-03	3.63E-04	2.71E-04	0.00E+00
3748	260954.6	4026515.47	1.95E-03	3.57E-04	2.66E-04	0.00E+00
3749	260960.9	4026537.97	1.91E-03	3.50E-04	2.61E-04	0.00E+00
3750	260967.2	4026560.47	1.87E-03	3.43E-04	2.56E-04	0.00E+00
3751	260973.5	4026582.97	1.84E-03	3.36E-04	2.51E-04	0.00E+00
3752	260979.8	4026605.47	1.80E-03	3.29E-04	2.46E-04	0.00E+00
3753	260986.1	4026627.97	1.75E-03	3.21E-04	2.40E-04	0.00E+00

3754	260992.4	4026650.47	1.71E-03	3.13E-04	2.34E-04	0.00E+00
3755	260998.7	4026672.97	1.66E-03	3.05E-04	2.27E-04	0.00E+00
3756	261005	4026695.47	1.62E-03	2.96E-04	2.21E-04	0.00E+00
3757	261011.3	4026717.98	1.57E-03	2.87E-04	2.14E-04	0.00E+00
3758	261019.7	4026747.98	1.50E-03	2.74E-04	2.05E-04	0.00E+00
3759	261108.5	4026347.13	1.57E-03	2.87E-04	2.14E-04	0.00E+00
3760	261114.8	4026369.78	1.55E-03	2.83E-04	2.11E-04	0.00E+00
3761	261121.1	4026392.44	1.52E-03	2.79E-04	2.08E-04	0.00E+00
3762	261127.5	4026415.1	1.50E-03	2.75E-04	2.05E-04	0.00E+00
3763	261133.8	4026437.76	1.47E-03	2.70E-04	2.01E-04	0.00E+00
3764	261140.2	4026460.42	1.44E-03	2.65E-04	1.97E-04	0.00E+00
3765	261146.5	4026483.08	1.42E-03	2.59E-04	1.93E-04	0.00E+00
3766	261152.8	4026505.74	1.39E-03	2.54E-04	1.89E-04	0.00E+00
3767	261159.2	4026528.4	1.35E-03	2.48E-04	1.85E-04	0.00E+00
3768	261165.5	4026551.06	1.32E-03	2.42E-04	1.81E-04	0.00E+00
3769	261171.8	4026573.72	1.29E-03	2.37E-04	1.77E-04	0.00E+00
3770	261178.2	4026596.37	1.26E-03	2.31E-04	1.72E-04	0.00E+00
3771	261184.5	4026619.03	1.23E-03	2.24E-04	1.67E-04	0.00E+00
3772	261190.9	4026641.69	1.19E-03	2.18E-04	1.63E-04	0.00E+00
3773	261197.2	4026664.35	1.16E-03	2.12E-04	1.58E-04	0.00E+00
3774	261203.5	4026687.01	1.12E-03	2.06E-04	1.54E-04	0.00E+00
3775	261209.9	4026709.67	1.09E-03	2.00E-04	1.49E-04	0.00E+00
3776	261219.4	4026743.66	1.04E-03	1.90E-04	1.42E-04	0.00E+00
3777	261281.2	4026246.25	1.27E-03	2.32E-04	1.73E-04	0.00E+00
3778	261287.5	4026268.89	1.25E-03	2.29E-04	1.71E-04	0.00E+00
3779	261293.8	4026291.52	1.23E-03	2.25E-04	1.68E-04	0.00E+00
3780	261300.2	4026314.16	1.21E-03	2.21E-04	1.65E-04	0.00E+00
3781	261306.5	4026336.79	1.19E-03	2.17E-04	1.62E-04	0.00E+00
3782	261312.8	4026359.42	1.17E-03	2.13E-04	1.59E-04	0.00E+00
3783	261319.1	4026382.06	1.14E-03	2.09E-04	1.56E-04	0.00E+00
3784	261325.5	4026404.69	1.12E-03	2.05E-04	1.53E-04	0.00E+00
3785	261331.8	4026427.33	1.10E-03	2.01E-04	1.50E-04	0.00E+00
3786	261338.1	4026449.96	1.08E-03	1.97E-04	1.47E-04	0.00E+00
3787	261344.5	4026472.6	1.05E-03	1.92E-04	1.44E-04	0.00E+00
3788	261350.8	4026495.23	1.03E-03	1.88E-04	1.40E-04	0.00E+00
3789	261357.1	4026517.87	1.00E-03	1.84E-04	1.37E-04	0.00E+00
3790	261363.5	4026540.5	9.81E-04	1.80E-04	1.34E-04	0.00E+00
3791	261369.8	4026563.14	9.57E-04	1.75E-04	1.31E-04	0.00E+00
3792	261376.1	4026585.77	9.31E-04	1.70E-04	1.27E-04	0.00E+00
3793	261382.5	4026608.4	9.04E-04	1.65E-04	1.24E-04	0.00E+00
3794	261388.8	4026631.04	8.80E-04	1.61E-04	1.20E-04	0.00E+00
3795	261395.1	4026653.67	8.60E-04	1.58E-04	1.18E-04	0.00E+00
3796	261401.4	4026676.31	8.40E-04	1.54E-04	1.15E-04	0.00E+00
3797	261407.8	4026698.94	8.17E-04	1.50E-04	1.12E-04	0.00E+00
3798	261414.1	4026721.58	7.94E-04	1.45E-04	1.09E-04	0.00E+00
3799	261420.4	4026744.21	7.72E-04	1.41E-04	1.06E-04	0.00E+00
3800	261426.8	4026766.85	7.51E-04	1.37E-04	1.03E-04	0.00E+00

3801	261433.1	4026789.48	7.29E-04	1.33E-04	9.96E-05	0.00E+00
3802	261439.4	4026812.11	7.08E-04	1.30E-04	9.68E-05	0.00E+00
3803	261445.8	4026834.75	6.87E-04	1.26E-04	9.40E-05	0.00E+00
3804	261453.9	4026145.38	1.06E-03	1.94E-04	1.45E-04	0.00E+00
3805	261460.2	4026168	1.04E-03	1.91E-04	1.42E-04	0.00E+00
3806	261466.5	4026190.61	1.03E-03	1.88E-04	1.40E-04	0.00E+00
3807	261472.8	4026213.23	1.01E-03	1.85E-04	1.38E-04	0.00E+00
3808	261479.2	4026235.85	9.91E-04	1.81E-04	1.35E-04	0.00E+00
3809	261485.5	4026258.46	9.72E-04	1.78E-04	1.33E-04	0.00E+00
3810	261491.8	4026281.08	9.55E-04	1.75E-04	1.30E-04	0.00E+00
3811	261498.1	4026303.7	9.38E-04	1.72E-04	1.28E-04	0.00E+00
3812	261504.5	4026326.31	9.21E-04	1.69E-04	1.26E-04	0.00E+00
3813	261510.8	4026348.93	9.03E-04	1.65E-04	1.23E-04	0.00E+00
3814	261517.1	4026371.55	8.85E-04	1.62E-04	1.21E-04	0.00E+00
3815	261523.4	4026394.16	8.68E-04	1.59E-04	1.19E-04	0.00E+00
3816	261529.8	4026416.78	8.50E-04	1.56E-04	1.16E-04	0.00E+00
3817	261536.1	4026439.39	8.31E-04	1.52E-04	1.14E-04	0.00E+00
3818	261542.4	4026462.01	8.13E-04	1.49E-04	1.11E-04	0.00E+00
3819	261548.7	4026484.63	7.97E-04	1.46E-04	1.09E-04	0.00E+00
3820	261555.1	4026507.24	7.81E-04	1.43E-04	1.07E-04	0.00E+00
3821	261561.4	4026529.86	7.65E-04	1.40E-04	1.05E-04	0.00E+00
3822	261567.7	4026552.48	7.48E-04	1.37E-04	1.02E-04	0.00E+00
3823	261574.1	4026575.09	7.31E-04	1.34E-04	1.00E-04	0.00E+00
3824	261580.4	4026597.71	7.15E-04	1.31E-04	9.77E-05	0.00E+00
3825	261586.7	4026620.33	6.98E-04	1.28E-04	9.54E-05	0.00E+00
3826	261593	4026642.94	6.82E-04	1.25E-04	9.32E-05	0.00E+00
3827	261599.4	4026665.56	6.65E-04	1.22E-04	9.09E-05	0.00E+00
3828	261605.7	4026688.18	6.49E-04	1.19E-04	8.87E-05	0.00E+00
3829	261612	4026710.79	6.33E-04	1.16E-04	8.65E-05	0.00E+00
3830	261618.3	4026733.41	6.17E-04	1.13E-04	8.44E-05	0.00E+00
3831	261624.7	4026756.03	6.02E-04	1.10E-04	8.23E-05	0.00E+00
3832	261631	4026778.64	5.87E-04	1.07E-04	8.02E-05	0.00E+00
3833	261637.3	4026801.26	5.73E-04	1.05E-04	7.83E-05	0.00E+00
3834	261643.6	4026823.88	5.60E-04	1.03E-04	7.65E-05	0.00E+00
3835	261650	4026846.49	5.47E-04	1.00E-04	7.48E-05	0.00E+00
3836	260178.2	4026852.86	2.44E-02	4.47E-03	3.34E-03	0.00E+00
3837	260186.1	4026829.14	1.97E-02	3.60E-03	2.69E-03	0.00E+00
3838	260206.7	4026845.81	1.99E-02	3.64E-03	2.71E-03	0.00E+00
3839	260187.2	4026799.87	1.62E-02	2.96E-03	2.21E-03	0.00E+00
3840	260223.5	4026769.1	1.28E-02	2.35E-03	1.75E-03	0.00E+00
3841	260244.1	4026785.76	1.31E-02	2.40E-03	1.79E-03	0.00E+00
3842	260264.6	4026802.43	1.29E-02	2.36E-03	1.76E-03	0.00E+00
3843	260226.1	4026710.93	9.92E-03	1.82E-03	1.36E-03	0.00E+00
3844	260248	4026728.7	1.04E-02	1.90E-03	1.42E-03	0.00E+00
3845	260299.4	4026710.19	8.93E-03	1.64E-03	1.22E-03	0.00E+00
3846	260321	4026727.73	8.91E-03	1.63E-03	1.22E-03	0.00E+00
3847	260342.6	4026745.27	8.70E-03	1.59E-03	1.19E-03	0.00E+00

3848	260257.6	4026615.93	6.91E-03	1.27E-03	9.44E-04	0.00E+00
3849	260279	4026633.32	7.23E-03	1.32E-03	9.89E-04	0.00E+00
3850	260300.4	4026650.7	7.49E-03	1.37E-03	1.02E-03	0.00E+00
3851	260321.8	4026668.09	7.65E-03	1.40E-03	1.04E-03	0.00E+00
3852	260343.2	4026685.48	7.68E-03	1.41E-03	1.05E-03	0.00E+00
3853	260333.1	4026556.74	5.65E-03	1.03E-03	7.72E-04	0.00E+00
3854	260355	4026574.51	5.80E-03	1.06E-03	7.93E-04	0.00E+00
3855	260376.9	4026592.29	5.90E-03	1.08E-03	8.06E-04	0.00E+00
3856	260398.8	4026610.06	5.94E-03	1.09E-03	8.11E-04	0.00E+00
3857	260420.7	4026627.83	5.90E-03	1.08E-03	8.07E-04	0.00E+00
3858	260442.6	4026645.61	5.80E-03	1.06E-03	7.93E-04	0.00E+00
3859	260464.5	4026663.38	5.65E-03	1.03E-03	7.72E-04	0.00E+00
3860	260486.4	4026681.15	5.45E-03	9.97E-04	7.44E-04	0.00E+00
3861	260320.9	4026426.24	4.13E-03	7.56E-04	5.65E-04	0.00E+00
3862	260342.5	4026443.78	4.29E-03	7.86E-04	5.86E-04	0.00E+00
3863	260364.1	4026461.32	4.44E-03	8.12E-04	6.06E-04	0.00E+00
3864	260385.7	4026478.86	4.56E-03	8.36E-04	6.24E-04	0.00E+00
3865	260407.3	4026496.4	4.67E-03	8.55E-04	6.38E-04	0.00E+00
3866	260428.9	4026513.94	4.74E-03	8.68E-04	6.48E-04	0.00E+00
3867	260450.5	4026531.48	4.78E-03	8.75E-04	6.53E-04	0.00E+00
3868	260472.1	4026549.02	4.78E-03	8.74E-04	6.53E-04	0.00E+00
3869	260572.9	4026630.87	4.28E-03	7.84E-04	5.85E-04	0.00E+00
3870	260352.6	4026331.45	3.36E-03	6.15E-04	4.59E-04	0.00E+00
3871	260374.5	4026349.23	3.49E-03	6.38E-04	4.77E-04	0.00E+00
3872	260396.4	4026367	3.61E-03	6.60E-04	4.93E-04	0.00E+00
3873	260484	4026438.1	3.94E-03	7.21E-04	5.38E-04	0.00E+00
3874	260505.8	4026455.87	3.97E-03	7.26E-04	5.42E-04	0.00E+00
3875	260527.7	4026473.64	3.97E-03	7.27E-04	5.43E-04	0.00E+00
3876	260549.6	4026491.42	3.95E-03	7.23E-04	5.39E-04	0.00E+00
3877	260571.5	4026509.19	3.89E-03	7.13E-04	5.32E-04	0.00E+00
3878	260593.4	4026526.96	3.82E-03	6.99E-04	5.22E-04	0.00E+00
3879	260615.3	4026544.74	3.72E-03	6.81E-04	5.08E-04	0.00E+00
3880	260637.2	4026562.51	3.59E-03	6.58E-04	4.91E-04	0.00E+00
3881	260659.1	4026580.28	3.46E-03	6.34E-04	4.73E-04	0.00E+00
3882	260384.2	4026236.53	2.78E-03	5.10E-04	3.80E-04	0.00E+00
3883	260405.8	4026254.14	2.89E-03	5.29E-04	3.95E-04	0.00E+00
3884	260427.5	4026271.74	2.99E-03	5.47E-04	4.09E-04	0.00E+00
3885	260449.2	4026289.35	3.08E-03	5.64E-04	4.21E-04	0.00E+00
3886	260470.9	4026306.95	3.17E-03	5.80E-04	4.33E-04	0.00E+00
3887	260492.6	4026324.56	3.24E-03	5.93E-04	4.42E-04	0.00E+00
3888	260514.3	4026342.17	3.30E-03	6.04E-04	4.50E-04	0.00E+00
3889	260536	4026359.77	3.34E-03	6.12E-04	4.56E-04	0.00E+00
3890	260557.6	4026377.38	3.37E-03	6.16E-04	4.60E-04	0.00E+00
3891	260579.3	4026394.98	3.38E-03	6.18E-04	4.61E-04	0.00E+00
3892	260601	4026412.59	3.37E-03	6.17E-04	4.60E-04	0.00E+00
3893	260622.7	4026430.19	3.34E-03	6.11E-04	4.56E-04	0.00E+00
3894	260644.4	4026447.8	3.29E-03	6.03E-04	4.50E-04	0.00E+00

3895	260709.4	4026500.62	3.06E-03	5.60E-04	4.18E-04	0.00E+00
3896	260731.1	4026518.22	2.96E-03	5.42E-04	4.04E-04	0.00E+00
3897	260447.4	4026046.81	2.00E-03	3.66E-04	2.73E-04	0.00E+00
3898	260469.2	4026064.45	2.08E-03	3.80E-04	2.84E-04	0.00E+00
3899	260505.4	4026093.85	2.20E-03	4.03E-04	3.00E-04	0.00E+00
3900	260548.8	4026129.14	2.33E-03	4.27E-04	3.19E-04	0.00E+00
3901	260570.6	4026146.78	2.39E-03	4.38E-04	3.27E-04	0.00E+00
3902	260592.3	4026164.42	2.44E-03	4.47E-04	3.34E-04	0.00E+00
3903	260614	4026182.07	2.48E-03	4.55E-04	3.39E-04	0.00E+00
3904	260635.7	4026199.71	2.52E-03	4.61E-04	3.44E-04	0.00E+00
3905	260657.5	4026217.35	2.54E-03	4.66E-04	3.48E-04	0.00E+00
3906	260679.2	4026235	2.56E-03	4.68E-04	3.50E-04	0.00E+00
3907	260700.9	4026252.64	2.56E-03	4.69E-04	3.50E-04	0.00E+00
3908	260722.7	4026270.28	2.56E-03	4.68E-04	3.50E-04	0.00E+00
3909	260744.4	4026287.92	2.54E-03	4.66E-04	3.48E-04	0.00E+00
3910	260766.1	4026305.57	2.52E-03	4.61E-04	3.44E-04	0.00E+00
3911	260860.3	4026382.02	2.30E-03	4.21E-04	3.14E-04	0.00E+00
3912	260882	4026399.66	2.23E-03	4.08E-04	3.05E-04	0.00E+00
3913	260903.8	4026417.3	2.16E-03	3.95E-04	2.95E-04	0.00E+00
3914	260510.7	4025857.08	1.51E-03	2.77E-04	2.06E-04	0.00E+00
3915	260532.4	4025874.74	1.56E-03	2.86E-04	2.14E-04	0.00E+00
3916	260554.2	4025892.41	1.62E-03	2.96E-04	2.21E-04	0.00E+00
3917	260576	4025910.08	1.67E-03	3.07E-04	2.29E-04	0.00E+00
3918	260699.3	4026010.19	1.94E-03	3.55E-04	2.65E-04	0.00E+00
3919	260721	4026027.85	1.97E-03	3.61E-04	2.69E-04	0.00E+00
3920	260742.8	4026045.52	2.00E-03	3.66E-04	2.73E-04	0.00E+00
3921	260764.5	4026063.19	2.02E-03	3.70E-04	2.76E-04	0.00E+00
3922	260786.3	4026080.85	2.03E-03	3.72E-04	2.78E-04	0.00E+00
3923	260808.1	4026098.52	2.04E-03	3.74E-04	2.79E-04	0.00E+00
3924	260829.8	4026116.18	2.04E-03	3.74E-04	2.79E-04	0.00E+00
3925	260851.6	4026133.85	2.04E-03	3.73E-04	2.78E-04	0.00E+00
3926	260873.3	4026151.52	2.03E-03	3.71E-04	2.77E-04	0.00E+00
3927	260895.1	4026169.18	2.01E-03	3.68E-04	2.75E-04	0.00E+00
3928	260916.8	4026186.85	1.99E-03	3.64E-04	2.71E-04	0.00E+00
3929	261011.1	4026263.4	1.82E-03	3.33E-04	2.48E-04	0.00E+00
3930	261032.9	4026281.07	1.77E-03	3.23E-04	2.41E-04	0.00E+00
3931	261054.7	4026298.74	1.71E-03	3.14E-04	2.34E-04	0.00E+00
3932	261076.4	4026316.4	1.66E-03	3.03E-04	2.27E-04	0.00E+00
3933	260573.9	4025667.35	1.19E-03	2.18E-04	1.62E-04	0.00E+00
3934	260595.7	4025685.03	1.23E-03	2.25E-04	1.68E-04	0.00E+00
3935	260617.5	4025702.71	1.27E-03	2.33E-04	1.74E-04	0.00E+00
3936	260639.3	4025720.39	1.31E-03	2.40E-04	1.79E-04	0.00E+00
3937	260661	4025738.08	1.35E-03	2.48E-04	1.85E-04	0.00E+00
3938	260769.9	4025826.49	1.54E-03	2.82E-04	2.10E-04	0.00E+00
3939	260849.8	4025891.33	1.64E-03	3.00E-04	2.24E-04	0.00E+00
3940	260871.6	4025909.01	1.66E-03	3.03E-04	2.26E-04	0.00E+00
3941	260893.4	4025926.69	1.67E-03	3.06E-04	2.28E-04	0.00E+00

3942	260915.1	4025944.38	1.68E-03	3.08E-04	2.30E-04	0.00E+00
3943	260936.9	4025962.06	1.69E-03	3.09E-04	2.30E-04	0.00E+00
3944	260958.7	4025979.74	1.69E-03	3.09E-04	2.30E-04	0.00E+00
3945	260980.5	4025997.43	1.68E-03	3.08E-04	2.30E-04	0.00E+00
3946	261002.3	4026015.11	1.67E-03	3.06E-04	2.29E-04	0.00E+00
3947	261024	4026032.79	1.66E-03	3.04E-04	2.27E-04	0.00E+00
3948	261045.8	4026050.47	1.64E-03	3.01E-04	2.25E-04	0.00E+00
3949	261067.6	4026068.16	1.62E-03	2.97E-04	2.22E-04	0.00E+00
3950	261089.4	4026085.84	1.60E-03	2.93E-04	2.18E-04	0.00E+00
3951	261111.2	4026103.52	1.57E-03	2.87E-04	2.15E-04	0.00E+00
3952	261132.9	4026121.2	1.54E-03	2.82E-04	2.10E-04	0.00E+00
3953	261154.7	4026138.89	1.50E-03	2.75E-04	2.05E-04	0.00E+00
3954	261176.5	4026156.57	1.47E-03	2.69E-04	2.00E-04	0.00E+00
3955	261198.3	4026174.25	1.43E-03	2.61E-04	1.95E-04	0.00E+00
3956	261220	4026191.94	1.39E-03	2.54E-04	1.90E-04	0.00E+00
3957	261241.8	4026209.62	1.35E-03	2.46E-04	1.84E-04	0.00E+00
3958	261263.6	4026227.3	1.30E-03	2.39E-04	1.78E-04	0.00E+00
3959	260637.2	4025477.61	9.65E-04	1.77E-04	1.32E-04	0.00E+00
3960	260659	4025495.31	9.96E-04	1.82E-04	1.36E-04	0.00E+00
3961	260680.8	4025513	1.03E-03	1.88E-04	1.40E-04	0.00E+00
3962	260702.6	4025530.7	1.06E-03	1.94E-04	1.45E-04	0.00E+00
3963	260724.4	4025548.39	1.09E-03	2.00E-04	1.49E-04	0.00E+00
3964	260746.2	4025566.09	1.12E-03	2.06E-04	1.54E-04	0.00E+00
3965	260767.9	4025583.78	1.16E-03	2.11E-04	1.58E-04	0.00E+00
3966	260789.7	4025601.48	1.19E-03	2.17E-04	1.62E-04	0.00E+00
3967	260811.5	4025619.17	1.22E-03	2.22E-04	1.66E-04	0.00E+00
3968	260833.3	4025636.87	1.24E-03	2.28E-04	1.70E-04	0.00E+00
3969	260855.1	4025654.56	1.27E-03	2.33E-04	1.74E-04	0.00E+00
3970	260876.9	4025672.26	1.30E-03	2.38E-04	1.78E-04	0.00E+00
3971	260898.7	4025689.95	1.32E-03	2.43E-04	1.81E-04	0.00E+00
3972	260920.5	4025707.65	1.35E-03	2.47E-04	1.84E-04	0.00E+00
3973	260942.3	4025725.34	1.37E-03	2.50E-04	1.87E-04	0.00E+00
3974	260964.1	4025743.04	1.38E-03	2.54E-04	1.89E-04	0.00E+00
3975	260985.9	4025760.73	1.40E-03	2.56E-04	1.91E-04	0.00E+00
3976	261007.7	4025778.43	1.41E-03	2.58E-04	1.93E-04	0.00E+00
3977	261029.5	4025796.12	1.42E-03	2.60E-04	1.94E-04	0.00E+00
3978	261051.3	4025813.82	1.43E-03	2.61E-04	1.95E-04	0.00E+00
3979	261073.1	4025831.51	1.43E-03	2.62E-04	1.95E-04	0.00E+00
3980	261094.9	4025849.21	1.43E-03	2.62E-04	1.95E-04	0.00E+00
3981	261116.7	4025866.9	1.42E-03	2.61E-04	1.95E-04	0.00E+00
3982	261138.4	4025884.59	1.42E-03	2.59E-04	1.94E-04	0.00E+00
3983	261160.2	4025902.29	1.41E-03	2.58E-04	1.92E-04	0.00E+00
3984	261182	4025919.98	1.39E-03	2.55E-04	1.91E-04	0.00E+00
3985	261203.8	4025937.68	1.38E-03	2.53E-04	1.89E-04	0.00E+00
3986	261225.6	4025955.37	1.36E-03	2.49E-04	1.86E-04	0.00E+00
3987	261247.4	4025973.07	1.34E-03	2.45E-04	1.83E-04	0.00E+00
3988	261269.2	4025990.76	1.31E-03	2.41E-04	1.80E-04	0.00E+00

3989	261291	4026008.46	1.29E-03	2.36E-04	1.76E-04	0.00E+00
3990	261312.8	4026026.15	1.26E-03	2.31E-04	1.72E-04	0.00E+00
3991	261334.6	4026043.85	1.23E-03	2.25E-04	1.68E-04	0.00E+00
3992	261356.4	4026061.54	1.20E-03	2.20E-04	1.64E-04	0.00E+00
3993	261378.2	4026079.24	1.17E-03	2.14E-04	1.60E-04	0.00E+00
3994	261400	4026096.93	1.14E-03	2.09E-04	1.56E-04	0.00E+00
3995	261421.8	4026114.63	1.11E-03	2.03E-04	1.51E-04	0.00E+00
3996	259786.7	4026922.81	3.21E-02	5.88E-03	4.39E-03	0.00E+00
3997	259785.2	4026946.18	3.45E-02	6.31E-03	4.71E-03	0.00E+00
3998	259786.2	4026967.32	3.62E-02	6.63E-03	4.95E-03	0.00E+00
3999	259787.5	4026993.13	4.00E-02	7.32E-03	5.46E-03	0.00E+00
4000	259786.9	4027016.7	4.64E-02	8.49E-03	6.34E-03	0.00E+00
4001	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4002	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4003	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4004	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4005	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4006	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4007	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4008	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4009	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4010	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4011	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4012	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4013	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4014	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4015	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4016	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4017	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4018	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4019	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4020	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4021	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4022	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4023	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4024	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4025	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4026	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4027	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4028	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4029	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4030	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4031	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4032	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4033	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4034	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4035	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4036	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4037	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4038	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4039	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4040	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4041	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4042	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4043	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4044	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4045	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4046	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4047	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4048	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4049	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4050	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4051	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4052	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4053	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4054	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4055	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4056	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4057	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4058	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4059	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4060	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4061	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4062	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4063	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4064	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4065	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4066	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4067	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4068	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4069	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4070	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4071	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4072	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4073	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4074	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4075	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4076	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4077	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4078	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4079	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4080	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4081	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4082	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4083	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4084	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4085	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4086	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4087	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4088	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4089	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4090	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4091	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4092	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4093	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4094	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4095	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4096	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4097	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4098	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4099	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4100	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4101	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4102	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4103	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4104	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4105	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4106	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4107	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4108	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4109	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4110	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4111	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4112	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4113	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4114	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4115	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4116	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4117	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4118	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4119	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4120	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4121	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4122	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4123	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4124	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4125	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4126	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4127	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4128	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4129	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4130	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4131	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4132	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4133	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4134	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4135	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4136	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4137	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4138	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4139	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4140	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4141	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4142	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4143	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4144	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4145	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4146	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4147	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4148	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4149	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4150	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4151	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4152	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4153	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4154	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4155	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4156	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4157	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4158	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4159	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4160	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4161	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4162	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4163	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4164	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4165	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4166	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4167	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4168	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4169	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4170	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4171	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4172	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4173	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4174	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4175	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4176	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4177	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4178	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4179	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4180	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4181	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4182	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4183	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4184	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4185	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4186	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4187	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4188	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4189	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4190	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4191	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4192	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4193	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4194	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4195	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4196	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4197	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4198	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4199	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4200	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4201	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4202	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4203	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4204	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4205	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4206	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4207	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4208	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4209	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4210	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4211	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4212	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4213	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4214	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4215	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4216	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4217	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4218	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4219	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4220	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4221	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4222	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4223	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4224	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4225	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4226	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4227	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4228	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4229	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4230	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4231	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4232	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4233	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4234	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4235	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4236	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4237	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4238	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4239	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4240	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4241	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4242	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4243	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4244	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4245	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4246	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4247	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4248	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4249	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4250	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4251	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4252	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4253	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4254	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4255	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4256	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4257	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4258	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4259	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4260	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4261	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4262	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4263	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4264	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4265	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4266	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4267	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4268	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4269	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4270	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4271	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4272	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4273	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4274	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4275	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4276	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4277	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4278	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4279	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4280	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4281	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4282	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4283	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4284	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4285	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4286	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4287	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4288	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4289	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4290	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4291	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4292	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4293	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4294	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4295	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4296	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4297	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4298	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4299	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4300	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4301	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4302	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4303	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4304	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4305	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4306	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4307	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4308	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4309	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4310	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4311	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4312	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4313	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4314	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4315	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4316	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4317	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4318	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4319	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4320	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4321	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4322	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4323	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4324	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4325	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4326	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4327	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4328	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4329	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4330	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4331	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4332	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4333	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4334	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4335	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4336	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4337	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4338	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4339	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4340	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4341	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4342	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4343	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4344	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4345	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4346	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4347	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4348	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4349	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4350	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4351	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4352	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4353	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4354	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4355	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4356	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4357	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4358	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4359	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4360	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4361	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4362	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4363	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4364	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4365	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4366	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4367	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4368	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4369	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4370	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4371	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4372	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4373	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4374	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4375	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4376	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4377	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4378	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4379	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4380	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4381	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4382	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4383	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4384	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4385	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4386	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4387	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4388	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4389	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4390	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4391	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4392	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4393	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4394	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4395	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4396	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4397	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4398	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4399	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4400	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4401	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4402	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4403	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4404	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4405	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4406	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4407	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4408	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4409	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4410	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4411	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4412	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4413	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4414	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4415	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4416	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4417	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4418	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4419	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4420	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4421	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4422	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4423	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4424	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4425	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4426	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4427	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4428	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4429	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4430	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4431	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4432	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4433	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4434	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4435	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4436	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4437	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4438	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4439	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4440	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4441	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4442	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4443	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4444	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4445	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4446	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4447	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4448	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4449	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4450	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4451	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4452	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4453	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4454	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4455	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4456	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4457	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4458	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4459	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4460	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4461	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4462	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4463	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4464	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4465	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4466	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4467	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4468	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4469	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4470	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4471	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4472	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4473	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4474	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4475	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4476	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4477	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4478	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4479	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4480	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4481	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4482	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4483	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4484	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4485	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4486	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4487	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4488	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4489	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4490	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4491	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4492	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4493	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4494	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4495	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4496	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4497	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4498	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4499	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4500	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4501	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4502	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4503	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4504	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4505	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4506	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4507	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4508	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4509	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4510	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4511	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4512	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4513	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4514	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4515	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4516	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4517	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4518	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4519	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4520	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4521	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4522	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4523	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4524	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4525	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4526	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4527	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4528	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4529	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4530	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4531	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4532	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4533	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4534	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4535	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4536	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4537	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4538	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4539	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4540	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4541	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4542	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4543	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4544	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4545	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4546	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4547	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4548	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4549	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4550	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4551	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4552	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4553	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4554	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4555	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4556	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4557	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4558	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4559	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4560	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4561	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4562	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4563	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4564	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4565	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4566	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4567	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4568	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4569	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4570	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4571	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4572	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4573	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4574	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4575	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4576	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4577	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4578	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4579	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4580	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4581	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4582	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4583	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4584	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4585	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4586	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4587	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4588	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4589	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4590	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4591	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4592	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4593	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4594	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4595	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4596	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4597	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4598	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4599	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4600	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4601	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4602	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4603	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4604	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4605	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4606	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4607	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4608	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4609	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4610	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4611	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4612	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4613	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4614	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4615	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4616	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4617	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4618	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4619	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4620	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4621	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4622	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4623	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4624	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4625	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4626	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4627	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4628	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4629	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4630	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4631	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4632	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4633	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4634	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4635	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4636	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4637	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4638	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4639	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4640	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4641	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4642	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4643	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4644	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4645	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4646	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4647	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4648	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4649	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4650	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4651	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4652	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4653	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4654	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4655	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4656	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4657	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4658	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4659	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4660	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4661	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4662	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4663	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4664	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4665	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4666	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4667	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4668	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4669	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4670	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4671	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4672	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4673	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4674	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4675	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4676	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4677	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4678	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4679	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4680	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4681	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4682	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4683	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4684	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4685	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4686	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4687	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4688	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4689	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4690	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4691	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4692	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4693	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4694	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4695	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4696	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4697	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4698	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4699	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4700	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4701	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4702	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4703	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4704	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4705	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4706	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4707	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4708	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4709	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4710	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4711	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4712	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4713	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4714	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4715	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4716	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4717	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4718	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4719	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4720	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4721	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4722	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4723	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4724	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4725	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4726	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4727	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4728	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4729	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4730	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4731	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4732	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4733	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4734	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4735	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4736	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4737	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4738	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4739	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4740	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4741	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4742	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4743	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4744	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4745	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4746	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4747	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4748	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4749	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4750	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4751	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4752	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4753	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4754	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4755	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4756	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4757	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4758	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4759	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4760	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4761	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4762	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4763	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4764	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4765	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4766	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4767	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4768	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4769	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4770	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4771	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4772	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4773	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4774	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4775	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4776	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4777	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4778	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4779	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4780	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4781	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4782	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4783	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4784	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4785	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4786	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4787	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4788	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4789	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4790	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4791	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4792	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4793	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4794	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4795	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4796	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4797	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4798	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4799	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4800	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4801	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4802	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4803	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4804	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4805	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4806	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4807	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4808	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4809	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4810	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4811	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4812	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4813	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4814	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4815	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4816	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4817	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4818	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4819	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4820	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4821	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4822	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4823	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4824	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4825	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4826	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4827	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4828	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4829	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4830	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4831	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4832	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4833	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4834	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4835	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4836	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4837	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4838	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4839	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4840	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4841	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4842	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4843	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4844	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4845	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4846	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4847	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4848	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4849	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4850	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4851	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4852	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4853	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4854	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4855	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4856	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4857	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4858	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4859	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4860	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4861	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4862	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4863	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4864	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4865	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4866	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4867	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4868	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4869	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4870	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4871	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4872	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4873	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4874	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4875	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4876	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4877	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4878	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4879	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4880	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4881	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4882	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4883	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4884	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4885	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4886	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4887	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4888	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4889	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4890	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4891	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4892	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4893	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4894	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4895	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4896	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4897	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4898	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4899	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4900	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4901	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4902	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4903	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4904	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4905	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4906	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4907	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4908	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4909	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4910	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4911	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4912	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4913	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4914	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4915	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4916	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4917	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4918	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4919	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4920	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4921	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4922	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4923	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4924	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4925	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4926	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4927	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4928	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4929	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4930	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4931	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4932	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4933	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4934	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4935	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4936	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4937	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4938	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4939	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4940	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4941	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4942	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4943	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4944	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4945	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4946	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4947	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4948	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4949	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4950	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4951	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4952	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4953	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4954	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4955	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4956	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4957	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4958	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4959	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4960	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4961	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4962	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4963	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4964	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4965	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4966	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4967	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4968	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4969	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4970	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4971	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4972	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4973	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4974	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4975	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4976	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4977	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4978	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4979	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4980	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4981	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4982	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4983	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4984	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4985	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4986	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4987	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4988	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4989	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4990	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4991	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4992	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4993	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4994	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4995	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4996	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4997	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4998	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4999	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5000	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5001	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5002	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5003	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5004	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5005	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5006	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5007	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5008	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5009	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5010	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5011	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5012	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5013	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5014	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5015	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5016	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5017	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5018	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5019	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5020	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5021	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5022	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5023	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5024	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5025	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5026	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5027	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5028	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5029	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5030	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5031	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5032	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5033	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5034	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5035	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5036	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5037	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5038	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5039	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5040	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5041	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5042	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5043	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5044	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5045	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5046	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5047	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5048	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5049	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5050	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5051	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5052	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5053	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5054	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5055	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5056	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5057	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5058	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5059	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5060	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5061	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5062	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5063	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5064	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5065	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5066	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5067	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5068	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5069	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5070	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5071	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5072	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5073	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5074	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5075	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5076	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5077	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5078	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5079	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5080	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5081	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5082	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5083	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5084	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5085	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5086	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5087	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5088	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5089	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5090	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5091	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5092	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5093	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5094	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5095	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5096	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5097	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5098	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5099	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5100	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5101	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5102	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5103	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5104	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5105	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5106	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5107	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5108	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5109	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5110	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5111	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5112	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5113	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5114	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5115	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5116	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5117	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5118	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5119	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5120	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5121	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5122	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5123	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5124	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5125	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5126	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5127	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5128	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5129	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5130	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5131	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5132	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5133	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5134	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5135	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5136	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5137	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5138	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5139	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5140	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5141	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5142	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5143	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5144	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5145	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5146	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5147	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5148	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5149	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5150	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5151	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5152	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5153	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5154	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5155	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5156	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5157	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5158	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5159	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5160	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5161	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5162	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5163	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5164	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5165	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5166	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5167	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5168	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5169	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5170	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5171	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5172	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5173	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5174	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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5177	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5178	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5179	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5180	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5181	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5182	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5183	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5184	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5185	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5186	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5187	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5188	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5189	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5190	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5191	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5192	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5193	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5194	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5195	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5196	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5197	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5198	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5199	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5200	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5201	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5202	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5203	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5204	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5205	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5206	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5207	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5208	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5209	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5210	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5211	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5212	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5213	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5214	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5215	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5216	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5217	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5218	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5219	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5220	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5221	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5222	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5223	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5224	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5225	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5226	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5227	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5228	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5229	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5230	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5231	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5232	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5233	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5234	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5235	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5236	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5237	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5238	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5239	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5240	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5241	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5242	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5243	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5244	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5245	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5246	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5247	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5248	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5249	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5250	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5251	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5252	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5253	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5254	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5255	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5256	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5257	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5258	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5259	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5260	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5261	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5262	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5263	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5264	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5265	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5266	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5267	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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5269	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5270	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5271	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5272	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5273	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5274	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5275	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5276	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5277	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5278	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5279	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5280	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5281	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5282	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5283	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5284	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5285	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5286	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5287	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5288	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5289	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5290	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5291	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5292	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5293	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5294	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5295	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5296	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5297	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5298	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5299	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5300	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5301	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5302	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5303	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5304	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5305	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5306	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5307	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5308	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5309	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5310	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5311	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5312	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5313	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5314	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5315	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5316	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5317	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5318	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5319	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5320	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5321	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5322	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5323	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5324	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5325	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5326	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5327	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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5330	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5331	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5332	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5333	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5334	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5335	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5336	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5337	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5338	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5339	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5340	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5341	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5342	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5343	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5344	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5345	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5346	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5347	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5348	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5349	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5350	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5351	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5352	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5353	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5354	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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5356	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5357	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5358	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5359	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5360	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5361	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5362	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5363	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5364	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5365	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5366	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5367	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5368	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5369	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5370	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5371	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5372	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5373	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5374	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5375	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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5379	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5380	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5381	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5382	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5383	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5384	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5385	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5386	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5387	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5388	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5389	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5390	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5391	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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5393	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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5395	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5396	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5397	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5398	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5399	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5400	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5401	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5402	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5403	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5404	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5405	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5406	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5407	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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5409	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5410	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5411	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5412	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5413	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5414	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5415	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5416	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5417	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5418	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5419	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5420	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5421	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5422	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5423	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5424	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5425	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5426	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5427	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5428	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5429	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5430	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5431	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5432	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5433	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5434	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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5440	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5441	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5442	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5443	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5444	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5445	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5446	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5447	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5448	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5449	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5450	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5451	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5452	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5453	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5454	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5455	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5456	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5457	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5458	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5459	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5460	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5461	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5462	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5463	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5464	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5465	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5466	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5467	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5468	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5469	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5470	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5471	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5472	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5473	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5474	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5475	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5476	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5477	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5478	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5479	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5480	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5481	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5482	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5483	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5484	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5485	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5486	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5487	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5488	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5489	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5490	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5491	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5492	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5493	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5494	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5495	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5496	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5497	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5498	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5499	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5500	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5501	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5502	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5503	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5504	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5505	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5506	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5507	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5508	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5509	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5510	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5511	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5512	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5513	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5514	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5515	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5516	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5517	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5518	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5519	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5520	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5521	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5522	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5523	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5524	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5525	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5526	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5527	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5528	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5529	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5530	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5531	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5532	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5533	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5534	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5535	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5536	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5537	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5538	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5539	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5540	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5541	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5542	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5543	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5544	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5545	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5546	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5547	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5548	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5549	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5550	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5551	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5552	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5553	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5554	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5555	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5556	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5557	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5558	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5559	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5560	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5561	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5562	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5563	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5564	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5565	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5566	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5567	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5568	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5569	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5570	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5571	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5572	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5573	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5574	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5575	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5576	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5577	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5578	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5579	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5580	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5581	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5582	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5583	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5584	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5585	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5586	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5587	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5588	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5589	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5590	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5591	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5592	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5593	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5594	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5595	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5596	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5597	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5598	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5599	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5600	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5601	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5602	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5603	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5604	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5605	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5606	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5607	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5608	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5609	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5610	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5611	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5612	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5613	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5614	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5615	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5616	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5617	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5618	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5619	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5620	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5621	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5622	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5623	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5624	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5625	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5626	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5627	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5628	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5629	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5630	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5631	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5632	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5633	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5634	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5635	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5636	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5637	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5638	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5639	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5640	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5641	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5642	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5643	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5644	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5645	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5646	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5647	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5648	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5649	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5650	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5651	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5652	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5653	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5654	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5655	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5656	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5657	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5658	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5659	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5660	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5661	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5662	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5663	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5664	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5665	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5666	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5667	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5668	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5669	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5670	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5671	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5672	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5673	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5674	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5675	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5676	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5677	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5678	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5679	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5680	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5681	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5682	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5683	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5684	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5685	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5686	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5687	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5688	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5689	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5690	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5691	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5692	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5693	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5694	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5695	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5696	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5697	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5698	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5699	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5700	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5701	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5702	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5703	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5704	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5705	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5706	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5707	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5708	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5709	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5710	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5711	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5712	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5713	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5714	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5715	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5716	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5717	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5718	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5719	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5720	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5721	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5722	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5723	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5724	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5725	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5726	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5727	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5728	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5729	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5730	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5731	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5732	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5733	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5734	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5735	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5736	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5737	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5738	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5739	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5740	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5741	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5742	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5743	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5744	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5745	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5746	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5747	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5748	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5749	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5750	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5751	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5752	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5753	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5754	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5755	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5756	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5757	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5758	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5759	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5760	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5761	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5762	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5763	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5764	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5765	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5766	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5767	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5768	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5769	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5770	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5771	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5772	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5773	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5774	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5775	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5776	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5777	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5778	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5779	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5780	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5781	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5782	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5783	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5784	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5785	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5786	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5787	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5788	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5789	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5790	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5791	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5792	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5793	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5794	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5795	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5796	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5797	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5798	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5799	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5800	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5801	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5802	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5803	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5804	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5805	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5806	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5807	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5808	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5809	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5810	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5811	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5812	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5813	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5814	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5815	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5816	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5817	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5818	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5819	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5820	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5821	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5822	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5823	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5824	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5825	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5826	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5827	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5828	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5829	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5830	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5831	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5832	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5833	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5834	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5835	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5836	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5837	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5838	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5839	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5840	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5841	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5842	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5843	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5844	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5845	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5846	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5847	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5848	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5849	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5850	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5851	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5852	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5853	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5854	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5855	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5856	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5857	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5858	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5859	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5860	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5861	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5862	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5863	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5864	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5865	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5866	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5867	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5868	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5869	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5870	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5871	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5872	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5873	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5874	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5875	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5876	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5877	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5878	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5879	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5880	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5881	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5882	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5883	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5884	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5885	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5886	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5887	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5888	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5889	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5890	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5891	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5892	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5893	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5894	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5895	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5896	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5897	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5898	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5899	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5900	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5901	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5902	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5903	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5904	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5905	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5906	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5907	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5908	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5909	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5910	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5911	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5912	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5913	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5914	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5915	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5916	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5917	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5918	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5919	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5920	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5921	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5922	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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5924	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5925	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5926	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5927	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5928	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5929	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5930	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5931	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5932	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5933	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5934	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5935	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5936	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5937	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5938	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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5940	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5941	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5942	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5943	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5944	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5945	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5946	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5947	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5948	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5949	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5950	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5951	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5952	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5953	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5954	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5955	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5956	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5957	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5958	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5959	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5960	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5961	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5962	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5963	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5964	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5965	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5966	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5967	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5968	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5969	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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5973	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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5976	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5977	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5978	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5979	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5980	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5981	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5982	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5983	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5984	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5985	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5986	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5987	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5988	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5989	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5990	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5991	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5992	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5993	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5994	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5995	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5996	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5997	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5998	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5999	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6000	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6001	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6002	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6003	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6004	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6005	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6006	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6007	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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6009	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

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6011	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6012	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6013	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6014	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6015	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6016	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6017	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6018	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6019	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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6022	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6023	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6024	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6025	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6026	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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6030	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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6032	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6033	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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6040	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6041	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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6045	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6046	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6047	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6048	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6049	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6050	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6051	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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6056	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

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6058	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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6061	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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6066	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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6069	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6070	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6071	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6072	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6073	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6074	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6075	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6076	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6077	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6078	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6079	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6080	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6081	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6082	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6083	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6084	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6085	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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6087	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6088	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6089	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6090	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6091	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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6094	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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6097	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6098	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6099	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6100	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6101	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6102	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6103	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

6104	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6105	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6106	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6107	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6108	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6109	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6110	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6111	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6112	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6113	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6114	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6115	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6116	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6117	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6118	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6119	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6120	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6121	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6122	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6123	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6124	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6125	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6126	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6127	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6128	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6129	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6130	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6131	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6132	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6133	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6134	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6135	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6136	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6137	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6138	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6139	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6140	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6141	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6142	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6143	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6144	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6145	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6146	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6147	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6148	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6149	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6150	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

6151	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6152	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6153	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6154	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6155	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6156	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6157	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6158	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6159	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6160	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6161	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6162	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6163	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6164	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6165	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6166	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6167	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6168	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6169	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6170	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6171	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6172	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6173	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6174	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6175	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6176	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6177	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6178	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6179	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6180	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6181	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6182	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6183	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6184	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6185	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6186	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6187	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6188	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6189	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6190	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6191	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6192	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6193	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6194	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6195	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6196	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6197	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

6198	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6199	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6200	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6201	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6202	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6203	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6204	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6205	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6206	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6207	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6208	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6209	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6210	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6211	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6212	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6213	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6214	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6215	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6216	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6217	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6218	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6219	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6220	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6221	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6222	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6223	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6224	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6225	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6226	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6227	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6228	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6229	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6230	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6231	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6232	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6233	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6234	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6235	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6236	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6237	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6238	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6239	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6240	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6241	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6242	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6243	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6244	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

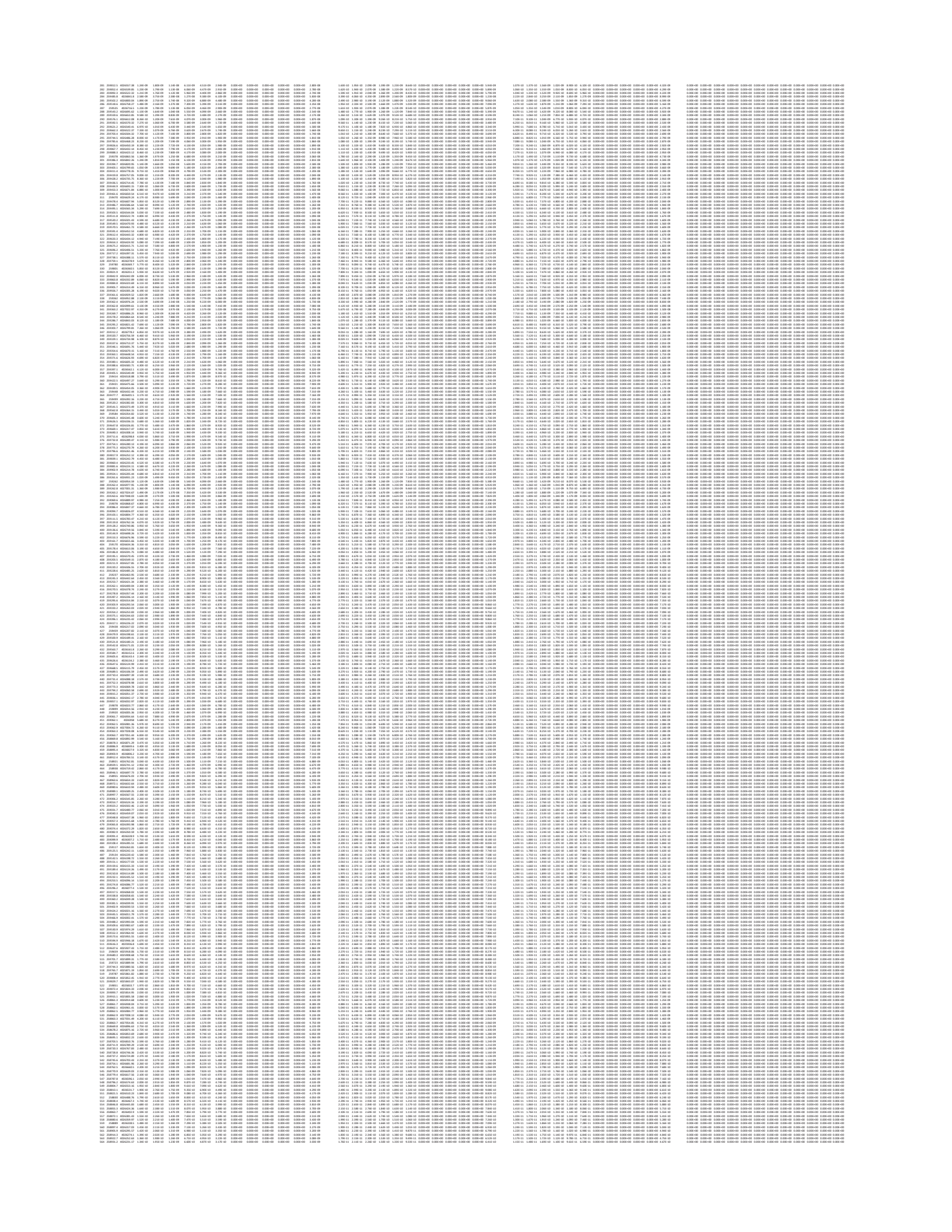
6245	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6246	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6247	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6248	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6249	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6250	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6251	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6252	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6253	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6254	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6255	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6256	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6257	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6258	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6259	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6260	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6261	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6262	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6263	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6264	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6265	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6266	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6267	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6268	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6269	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6270	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6271	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6272	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6273	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6274	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6275	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6276	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6277	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6278	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6279	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6280	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6281	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6282	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6283	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6284	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6285	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6286	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6287	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6288	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6289	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6290	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6291	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

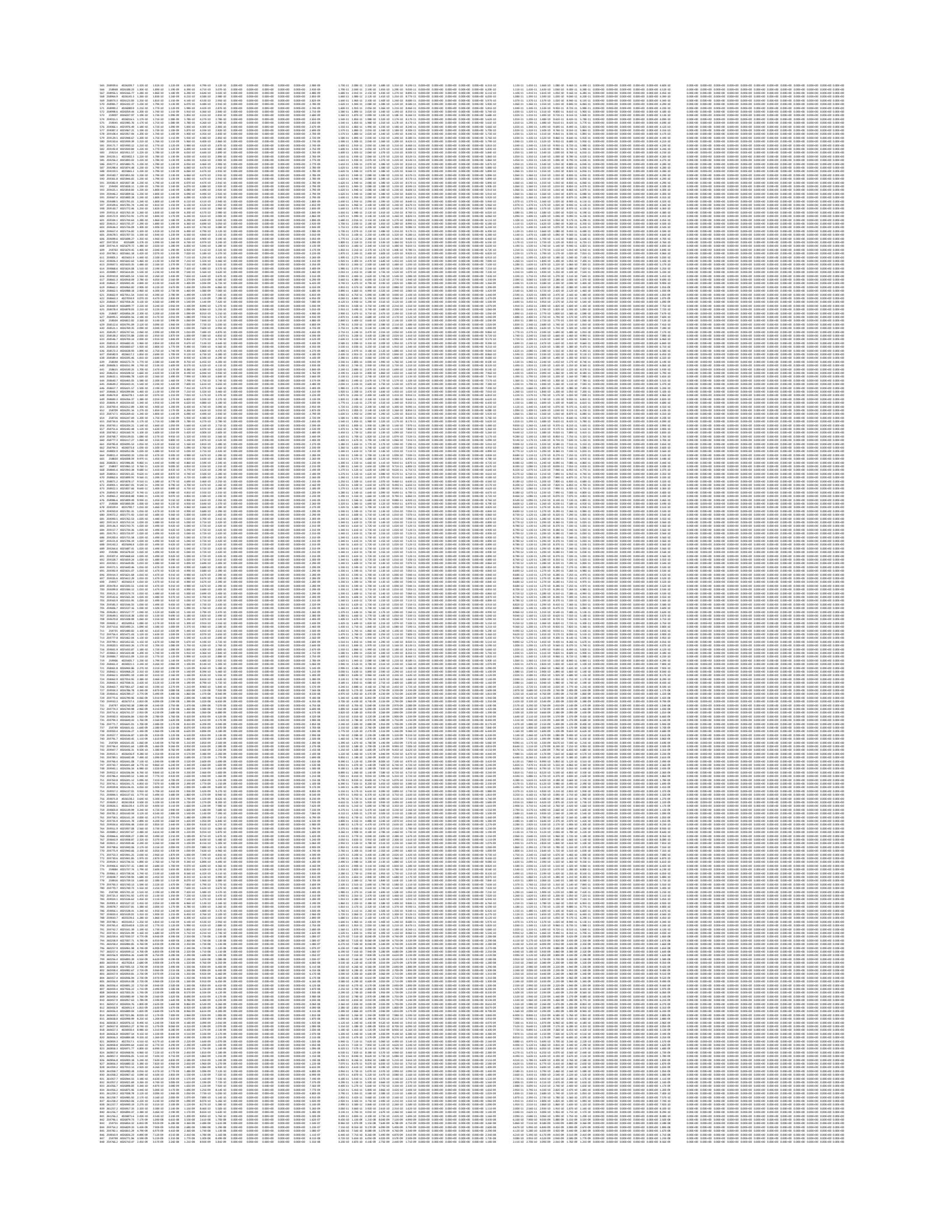
6292	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6293	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6294	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6295	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6296	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6297	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6298	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6299	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6300	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6301	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6302	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6303	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6304	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6305	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6306	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6307	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6308	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6309	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6310	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6311	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6312	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6313	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6314	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6315	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6316	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6317	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6318	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6319	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6320	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6321	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6322	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6323	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6324	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6325	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6326	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6327	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6328	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6329	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6330	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6331	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6332	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6333	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6334	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6335	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6336	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6337	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6338	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

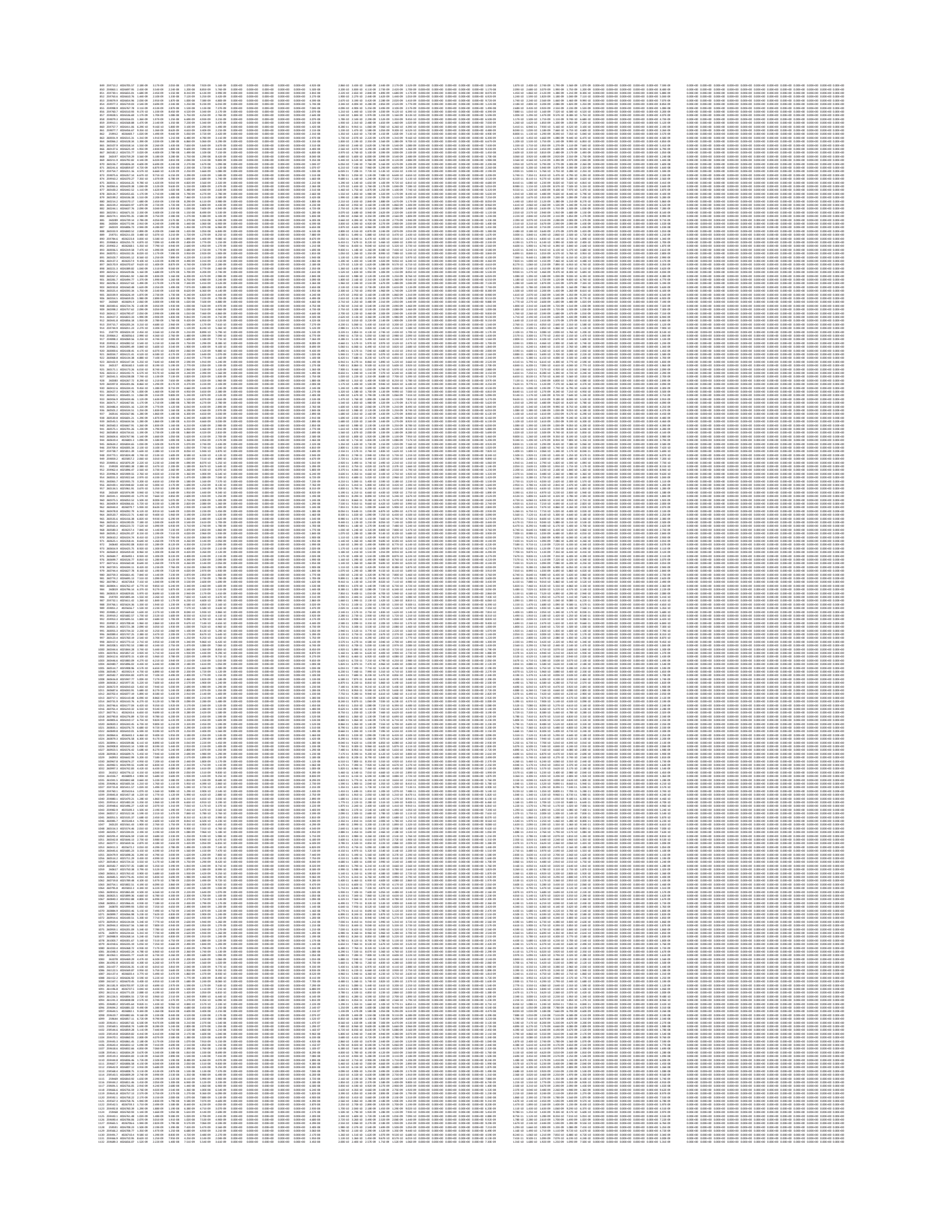
6339	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6340	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6341	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6342	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6343	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6344	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6345	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6346	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6347	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6348	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6349	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6350	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6351	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6352	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6353	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6354	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6355	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6356	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6357	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6358	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6359	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6360	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6361	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6362	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6363	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6364	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6365	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6366	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6367	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6368	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6369	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6370	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6371	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6372	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6373	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6374	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6375	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6376	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6377	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6378	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6379	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6380	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6381	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6382	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6383	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6384	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6385	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

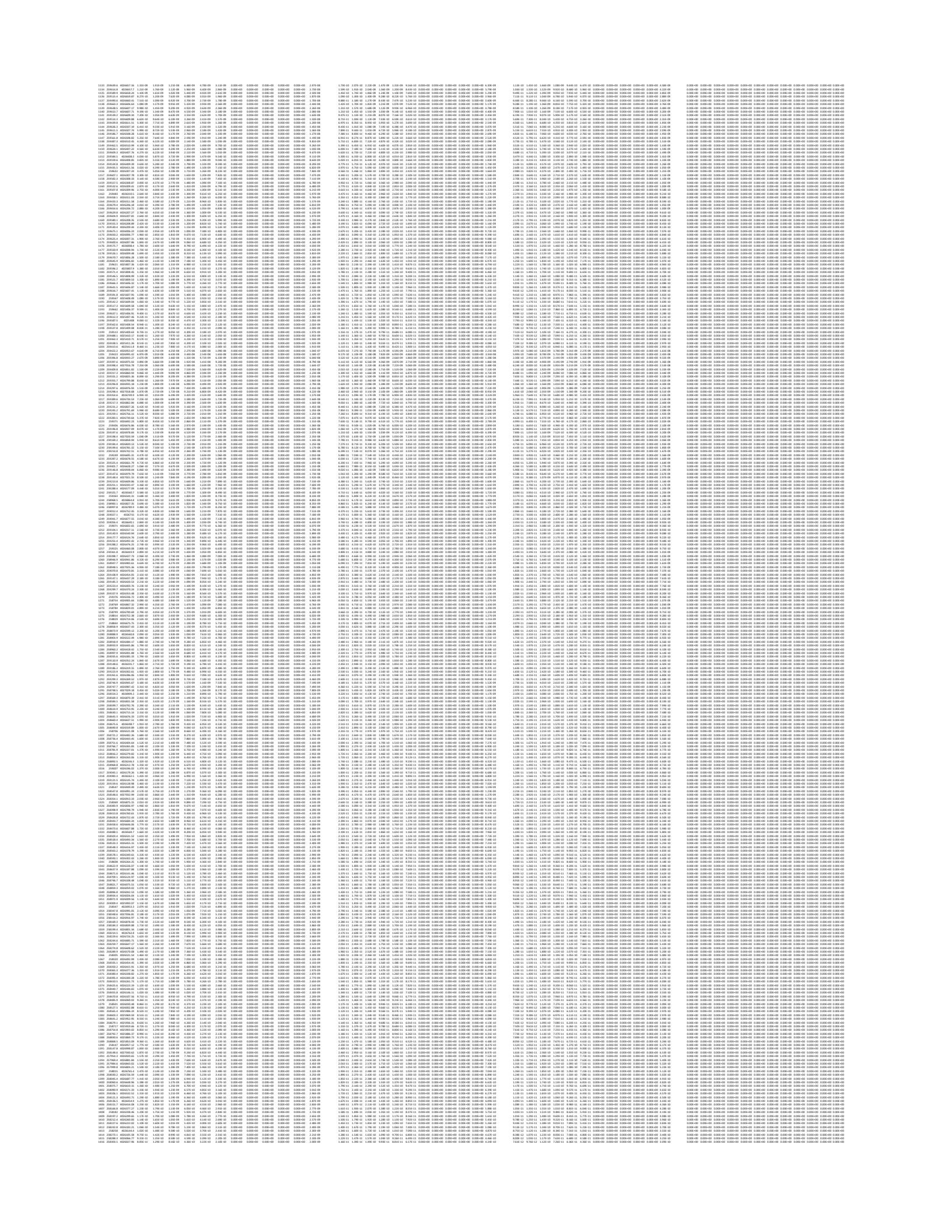
6386	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6387	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

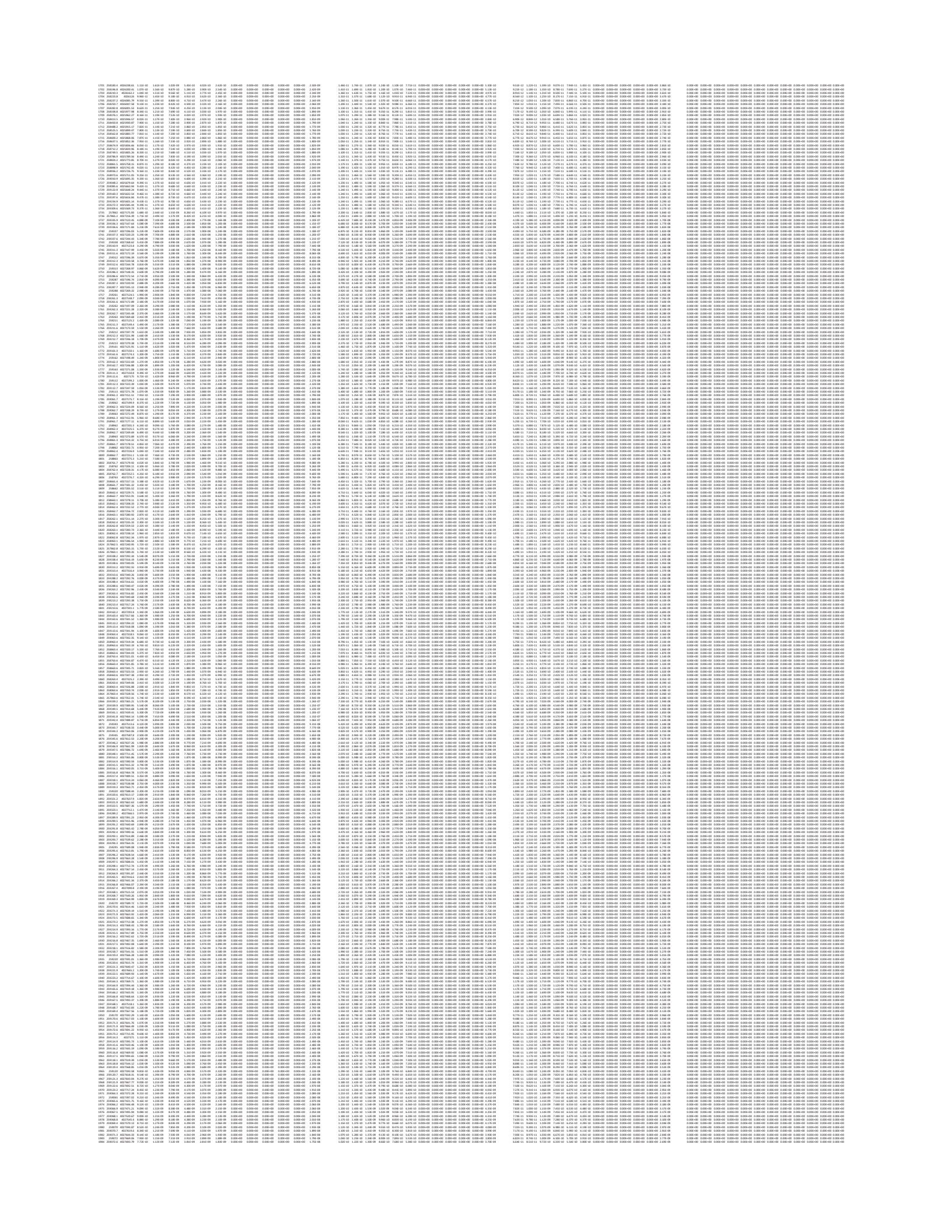
	UnitAlgorithm	32bit											T2											T2x3											T6										
	Mean	2902145	4925734.95									2.36E-07											4.91E-08											3.60E-08										0.00E+00
	W 1	W 2	W 3	W 4	W 5	W 6	W 7	W 8	W 9	W 10	W 11	Total	W 1	W 2	W 3	W 4	W 5	W 6	W 7	W 8	W 9	W 10	W 11	Total	W 1	W 2	W 3	W 4	W 5	W 6	W 7	W 8	W 9	W 10	W 11	Total	W 1	W 2	W 3	W 4	W 5	W 6	W 7	W 8	W 9	W 10	W 11	Total
1	2652122.9	4924867.29	9.65E-08	1.37E-08	8.49E-08	4.45E-08	3.63E-08	2.23E-08	0.00E+00	0.00E+00	0.00E+00	2.15E-07	1.24E-08	1.49E-08	5.59E-08	1.06E-08	9.88E-09	8.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-08	8.11E-10	1.04E-09	1.19E-08	7.73E-09	6.77E-09	6.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	2650997.7	4924867.81	9.54E-08	1.39E-08	8.79E-08	4.70E-08	3.67E-08	2.26E-08	0.00E+00	0.00E+00	0.00E+00	2.16E-07	1.25E-08	1.52E-08	5.68E-08	1.08E-08	9.49E-09	8.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-08	8.25E-10	1.05E-09	1.20E-08	7.82E-09	6.85E-09	6.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	2650576.5	4924868.19	9.32E-08	1.36E-08	8.59E-08	4.60E-08	3.69E-08	2.21E-08	0.00E+00	0.00E+00	0.00E+00	2.11E-07	1.24E-08	1.49E-08	5.59E-08	1.06E-08	9.27E-09	8.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-08	8.01E-10	1.03E-09	1.17E-08	7.64E-09	6.68E-09	6.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	2650511.3	4924868.37	8.72E-08	1.27E-08	8.06E-08	4.30E-08	3.17E-08	2.07E-08	0.00E+00	0.00E+00	0.00E+00	1.97E-07	1.15E-08	1.37E-08	5.17E-08	9.79E-09	8.67E-09	8.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-08	7.55E-10	9.67E-10	1.10E-08	7.15E-09	6.26E-09	6.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	2650564.9	4924869.89	7.92E-08	1.15E-08	7.30E-08	3.89E-08	2.88E-08	1.87E-08	0.00E+00	0.00E+00	0.00E+00	1.79E-07	1.04E-08	1.25E-08	4.69E-08	8.88E-09	7.87E-09	7.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-08	6.87E-10	8.74E-10	9.97E-09	6.49E-09	5.68E-09	5.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	2649813.8	4924870.42	6.40E-08	9.61E-09	6.09E-08	3.24E-08	2.40E-08	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-07	8.68E-09	1.04E-08	3.91E-08	7.40E-09	6.57E-09	6.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-08	5.73E-10	7.28E-10	8.31E-09	5.41E-09	4.73E-09	4.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	2649818.8	4924870.42	6.40E-08	9.61E-09	6.09E-08	3.24E-08	2.40E-08	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-07	8.68E-09	1.04E-08	3.91E-08	7.40E-09	6.57E-09	6.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-08	5.73E-10	7.28E-10	8.31E-09	5.41E-09	4.73E-09	4.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	2650511.1	4924871.12	6.40E-08	9.61E-09	6.09E-08	3.24E-08	2.40E-08	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-07	8.68E-09	1.04E-08	3.91E-08	7.40E-09	6.57E-09	6.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-08	5.73E-10	7.28E-10	8.31E-09	5.41E-09	4.73E-09	4.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	2650512.3	4924872.29	6.82E-08	9.93E-09	6.29E-08	3.37E-08	2.48E-08	1.62E-08	0.00E+00	0.00E+00	0.00E+00	1.54E-07	8.98E-09	1.07E-08	4.04E-08	7.66E-09	6.79E-09	6.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-08	5.87E-10	7.52E-10	8.60E-09	5.60E-09	4.90E-09	4.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	2650511.1	4924873.12	6.40E-08	9.61E-09	6.09E-08	3.24E-08	2.40E-08	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-07	8.68E-09	1.04E-08	3.91E-08	7.40E-09	6.57E-09	6.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-08	5.73E-10	7.28E-10	8.31E-09	5.41E-09	4.73E-09	4.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	2650509.1	4924874.12	6.40E-08	9.61E-09	6.09E-08	3.24E-08	2.40E-08	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-07	8.68E-09	1.04E-08	3.91E-08	7.40E-09	6.57E-09	6.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-08	5.73E-10	7.28E-10	8.31E-09	5.41E-09	4.73E-09	4.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	2650511.1	4924875.12	6.40E-08	9.61E-09	6.09E-08	3.24E-08	2.40E-08	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-07	8.68E-09	1.04E-08	3.91E-08	7.40E-09	6.57E-09	6.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-08	5.73E-10	7.28E-10	8.31E-09	5.41E-09	4.73E-09	4.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	2650509.1	4924876.12	6.40E-08	9.61E-09	6.09E-08	3.24E-08	2.40E-08	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-07	8.68E-09	1.04E-08	3.91E-08	7.40E-09	6.57E-09	6.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-08	5.73E-10	7.28E-10	8.31E-09	5.41E-09	4.73E-09	4.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	2650511.1	4924877.12	6.40E-08	9.61E-09	6.09E-08	3.24E-08	2.40E-08	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-07	8.68E-09	1.04E-08	3.91E-08	7.40E-09	6.57E-09	6.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-08	5.73E-10	7.28E-10	8.31E-09	5.41E-09	4.73E-09	4.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	2650509.1	4924878.12	6.40E-08	9.61E-09	6.09E-08	3.24E-08	2.40E-08	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-07	8.68E-09	1.04E-08	3.91E-08	7.40E-09	6.57E-09	6.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-08	5.73E-10	7.28E-10	8.31E-09	5.41E-09	4.73E-09	4.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	2649882.2	4925865.42	4.86E-08	7.04E-09	4.46E-08	2.38E-08	1.76E-08	1.15E-08	0.00E+00	0.00E+00	0.00E+00	1.09E-07	6.36E-09	7.62E-09	2.86E-08	5.42E-09	4.81E-09	4.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-08	4.19E-10	5.33E-10	6.09E-09	3.96E-09	3.47E-09	3.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	2649882	4925865.94	4.47E-08	6.47E-09	4.10E-08	2.20E-08	1.62E-08	1.06E-08	0.00E+00	0.00E+00	0.00E+00	1.01E-07	5.85E-09	7.00E-09	2.63E-08	4.97E-09	4.42E-09	4.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-08	3.84E-10	4.90E-10	5.59E-09	3.64E-09	3.19E-09	3.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	2650317.7	4924918.69	5.38E-08	7.93E-09	4.94E-08	2.66E-08	1.96E-08	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.22E-07	7.08E-09	8.47E-09	3.18E-08	6.04E-09	5.35E-09	4.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-08	4.63E-10	5.93E-10	6.78E-09	4.41E-09	3.86E-09	3.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	2650576.5	4924868.37	8.72E-08	1.27E-08	8.06E-08	4.30E-08	3.17E-08	2.07E-08	0.00E+00	0.00E+00	0.00E+00	1.97E-07	1.15E-08	1.37E-08	5.17E-08	9.79E-09	8.67E-09	8.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-08	7.55E-10	9.67E-10	1.10E-08	7.15E-09	6.26E-09	6.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	2650564.9	4924869.89	7.92E-08	1.15E-08	7.30E-08	3.89E-08	2.88E-08	1.87E-08	0.00E+00	0.00E+00	0.00E+00	1.79E-07	1.04E-08	1.25E-08	4.69E-08	8.88E-09	7.87E-09	7.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-08	6.87E-10	8.74E-10	9.97E-09	6.49E-09	5.68E-09	5.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	2650575.4	4924918.36	5.32E-08	7.82E-09	4.70E-08	2.51E-08	1.85E-08	1.21E-08	0.00E+00	0.00E+00	0.00E+00	1.15E-07	6.71E-09	8.03E-09	3.01E-08	5.72E-09	5.07E-09	4.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-08	4.39E-10	5.62E-10	6.42E-09	4.18E-09	3.66E-09	3.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	2650512	4924918.69	5.38E-08	7.93E-09	4.94E-08	2.66E-08	1.96E-08	1.27E-08	0.00E+00	0.00E+00	0.00E+00	1.22E-07	7.08E-09	8.47E-09	3.18E-08	6.04E-09	5.35E-09	4.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-08	4.63E-10	5.93E-10	6.78E-09	4.41E-09	3.86E-09	3.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	2650512	4924919.38	5.68E-08	8.47E-09	5.22E-08	2.84E-08	2.10E-08	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.28E-07	7.56E-09	9.04E-09	3.36E-08	6.44E-09	5.71E-09	5.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-08	4.94E-10	6.32E-10	7.23E-09	4.70E-09	4.12E-09	4.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	2650509	4924919.88	5.68E-08	8.47E-09	5.22E-08	2.84E-08	2.10E-08	1.34E-08	0.00E+00	0.00E+00	0.00E+00	1.28E-07	7.56E-09	9.04E-09	3.36E-08	6.44E-09	5.71E-09	5.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-08	4.94E-10	6.32E-10	7.23E-09	4.70E-09	4.12E-09	4.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	2650512.4	4924920.43	6.01E-08	5.84E-09	3.70E-08	1.98E-08	1.46E-08	9.10E-09	0.00E+00	0.00E+00	0.00E+00	9.07E-08	5.28E-09	6.22E-09	6.77E-09	4.59E-09	3.99E-09	2.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-08	3.55E-10	4.35E-10	1.42E-09	3.35E-09	2.73E-09	2.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	2649918.4	4924920.65	5.88E-08	8.29E-09	5.11E-08	2.78E-08	2.06E-08	1.31E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-07	7.40E-09	8.85E-09	3.29E-08	6.31E-09	5.59E-09	5.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-08	4.84E-10	6.19E-10	7.08E-09	4.60E-09	4.03E-09	4.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	2650511.4	4924921.12	5.88E-08	8.29E-09	5.11E-08	2.78E-08	2.06E-08	1.31E-08	0.00E+00	0.00E+00	0.00E+00	1.25E-07	7.40E-09	8.85E-09	3.29E-08	6.31E-09	5.59E-09	5.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-08	4.84E-10	6.19E-10	7.08E-09	4.60E-09	4.03E-09	4.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	2650512	4924921.88	6.28E-08	6.24E-09	3.95E-08	2.11E-08	1.56E-08	9.73E-09	0.00E+00	0.00E+00	0.00E+00	9.69E-08	5.64E-09	6.64E-09	7.23E-09	4.90E-09	4.26E-09	2.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-08	3.79E-10	4.64E-10	1.52E-09	3.58E-09	2.92E-09	3.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	2650512.4	4924922.43	6.01E-08	5.84E-09	3.70E-08	1.98E-08	1.46E-08	9.10E-09	0.00E+00	0.00E+00	0.00E+00	9.07E-08	5.28E-09	6.22E-09	6.77E-09	4.59E-09	3.99E-09	2.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-08	3.55E-10	4.35E-10	1.42E-09	3.35E-09	2.73E-09	2.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	2650511.1	4924923.12	6.40E-08	9.61E-09	6.09E-08	3.24E-08	2.40E-08	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-07	8.68E-09	1.04E-08	3.91E-08	7.40E-09	6.57E-09	6.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-08	5.73E-10	7.28E-10	8.31E-09	5.41E-09	4.73E-09	4.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	2650511.1	4924924.12	6.40E-08	9.61E-09	6.09E-08	3.24E-08	2.40E-08	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-07	8.68E-09	1.04E-08	3.91E-08	7.40E-09	6.57E-09	6.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-08	5.73E-10	7.28E-10	8.31E-09	5.41E-09	4.73E-09	4.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	2650509.1	4924925.12	6.40E-08	9.61E-09	6.09E-08	3.24E-08	2.40E-08	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-07	8.68E-09	1.04E-08	3.91E-08	7.40E-09	6.57E-09	6.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-08	5.73E-10	7.28E-10	8.31E-09	5.41E-09	4.73E-09	4.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	2650509.1	4924926.12	6.40E-08	9.61E-09	6.09E-08	3.24E-08	2.40E-08	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-07	8.68E-09	1.04E-08	3.91E-08	7.40E-09	6.57E-09	6.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-08	5.73E-10	7.28E-10	8.31E-09	5.41E-09	4.73E-09	4.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	2650509.1	4924927.12	6.40E-08	9.61E-09	6.09E-08	3.24E-08	2.40E-08	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-07	8.68E-09	1.04E-08	3.91E-08	7.40E-09	6.57E-09	6.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-08	5.73E-10	7.28E-10	8.31E-09	5.41E-09	4.73E-09	4.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	2650509.1	4924928.12	6.40E-08	9.61E-09	6.09E-08	3.24E-08	2.40E-08	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-07	8.68E-09	1.04E-08	3.91E-08	7.40E-09	6.57E-09	6.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-08	5.73E-10	7.28E-10	8.31E-09	5.41E-09	4.73E-09	4.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	2650509.1	4924929.12	6.40E-08	9.61E-09	6.09E-08	3.24E-08	2.40E-08	1.56E-08	0.00E+00	0.00E+00	0.00E+00	1.49E-07	8.68E-09	1.04E-08	3.91E-08	7.40E-09	6.57E-09	6.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-08	5.73E-10	7.28E-10	8.31

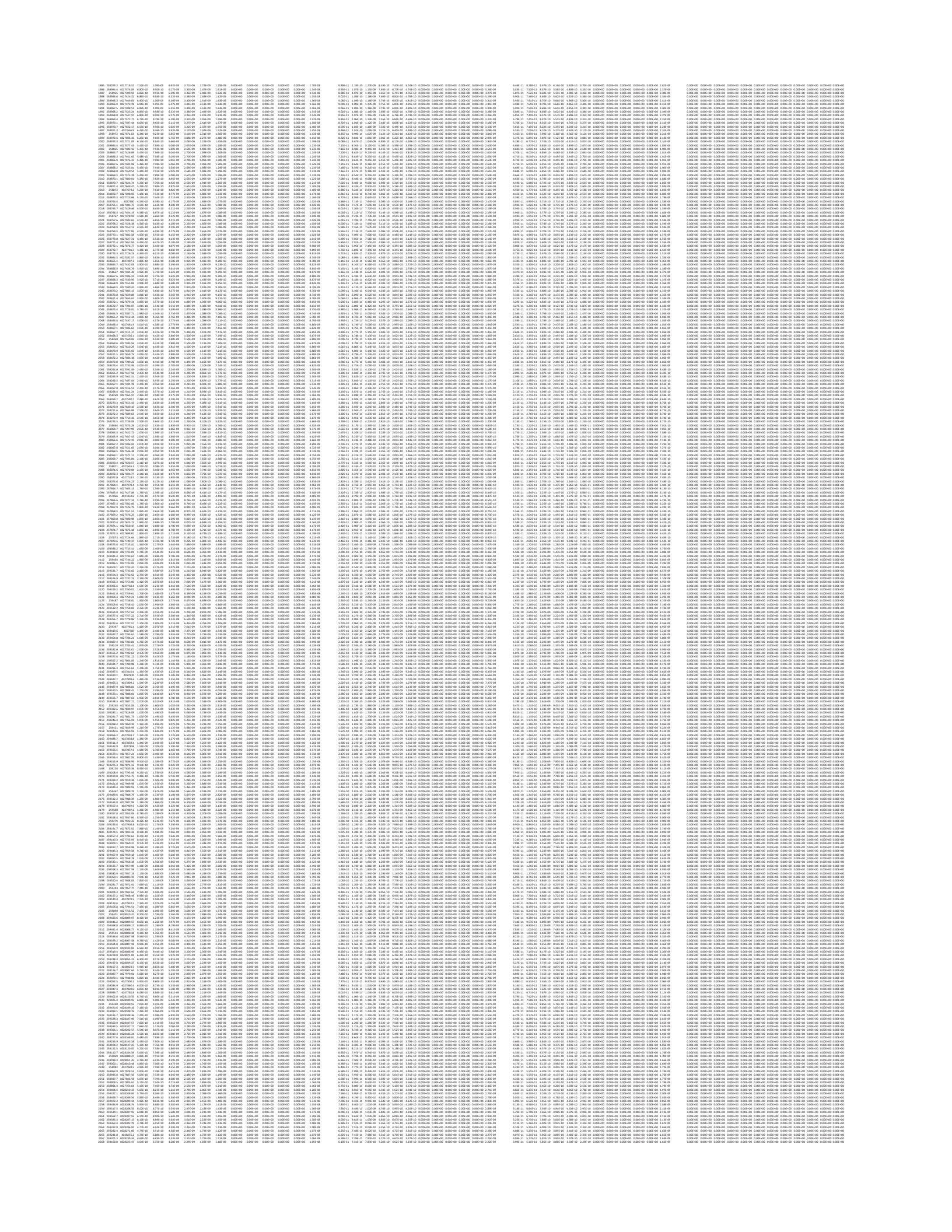


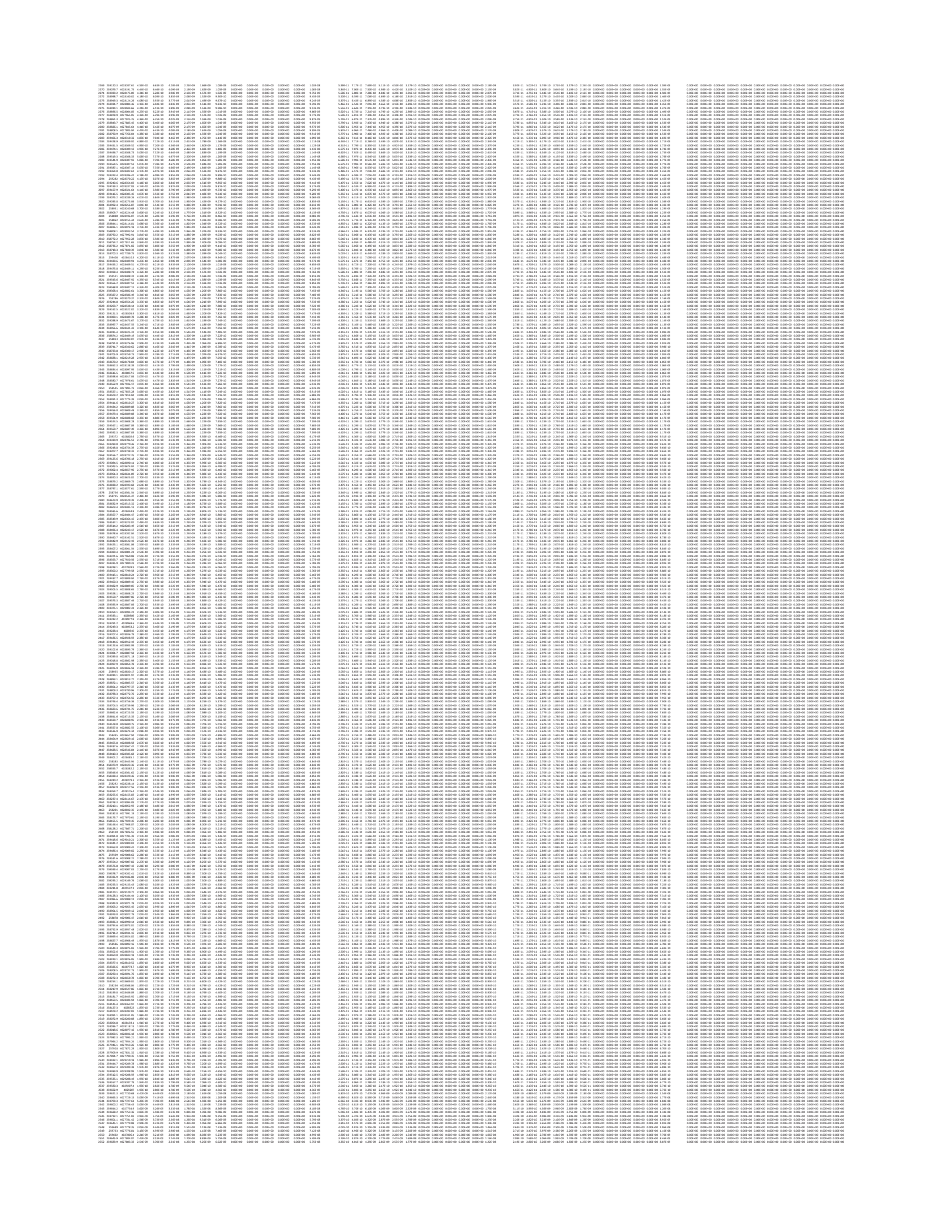


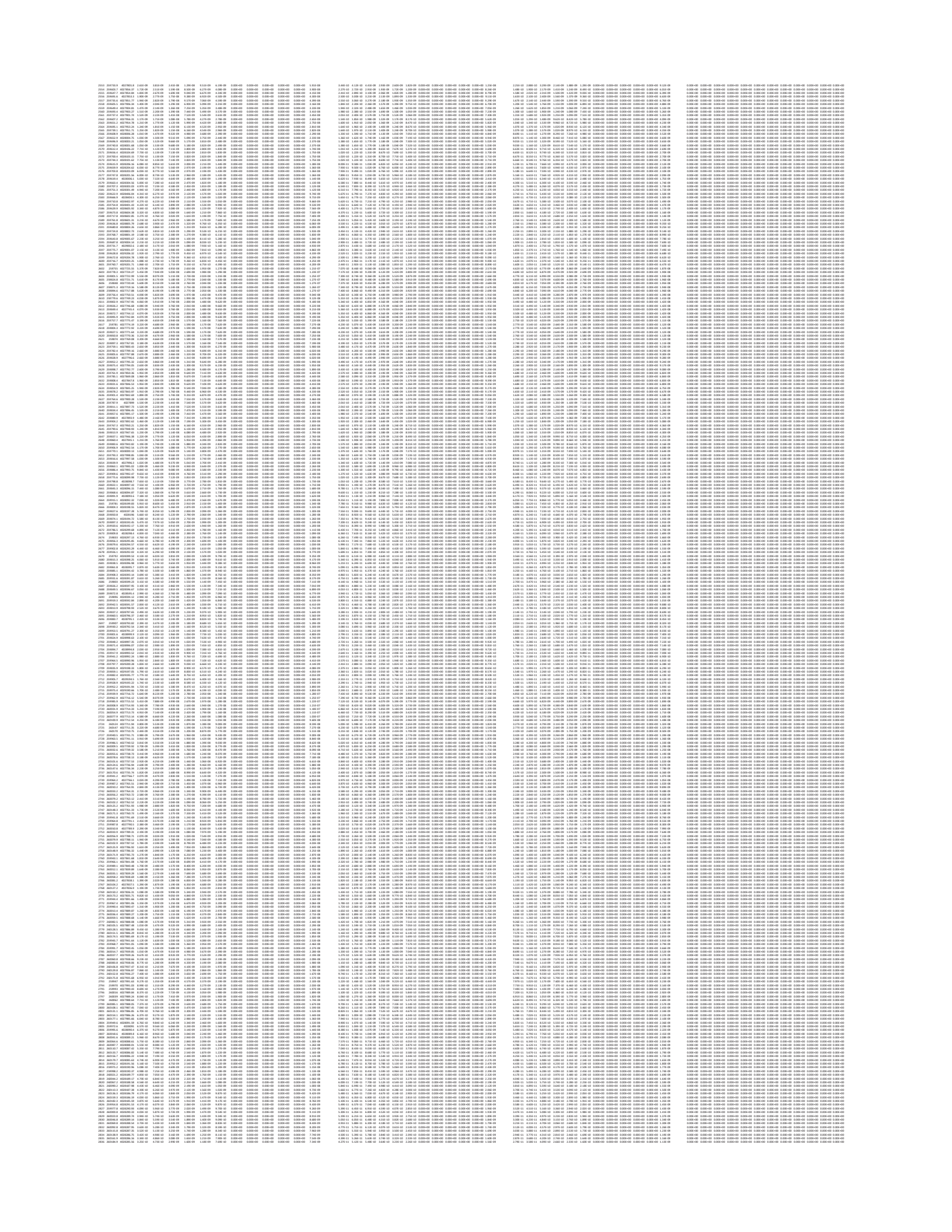


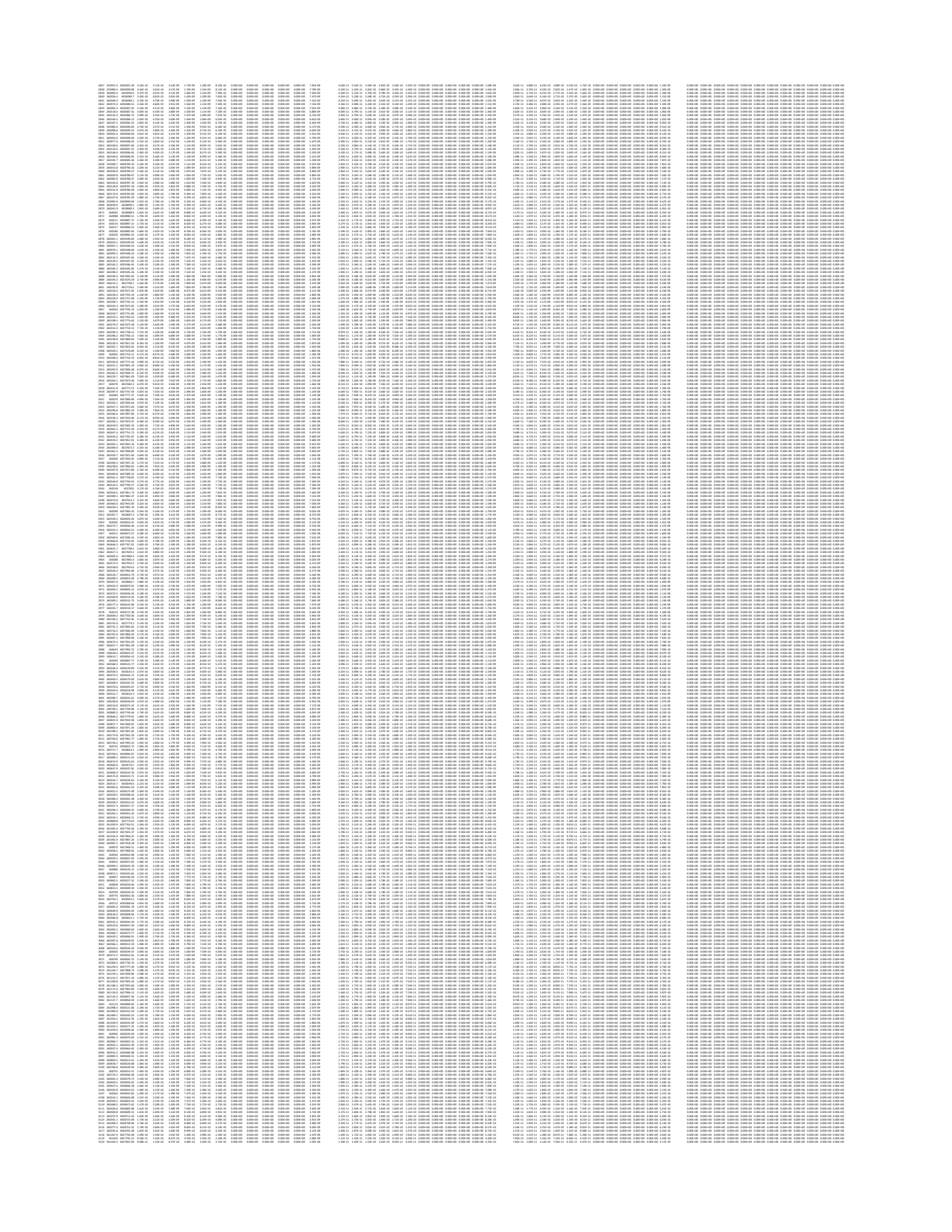


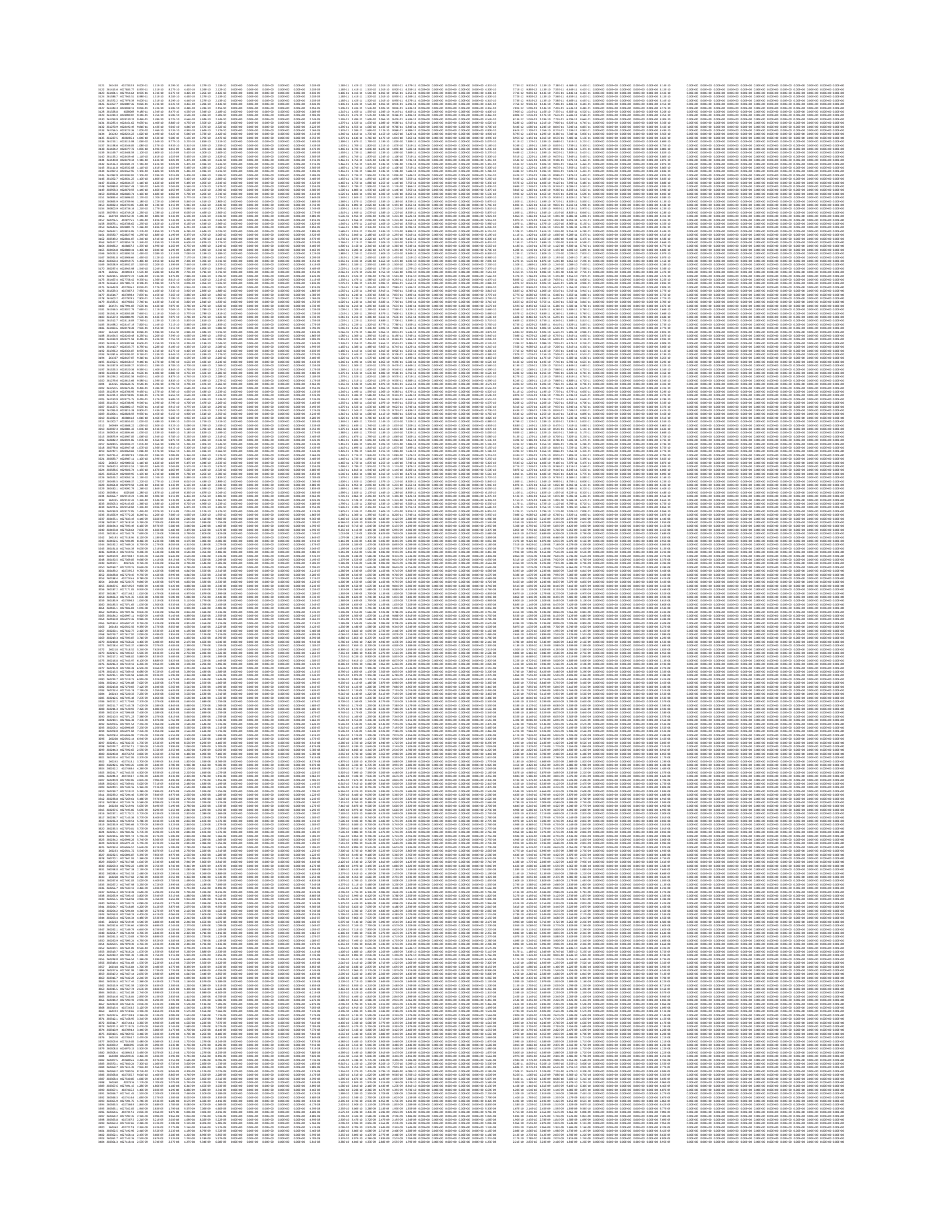


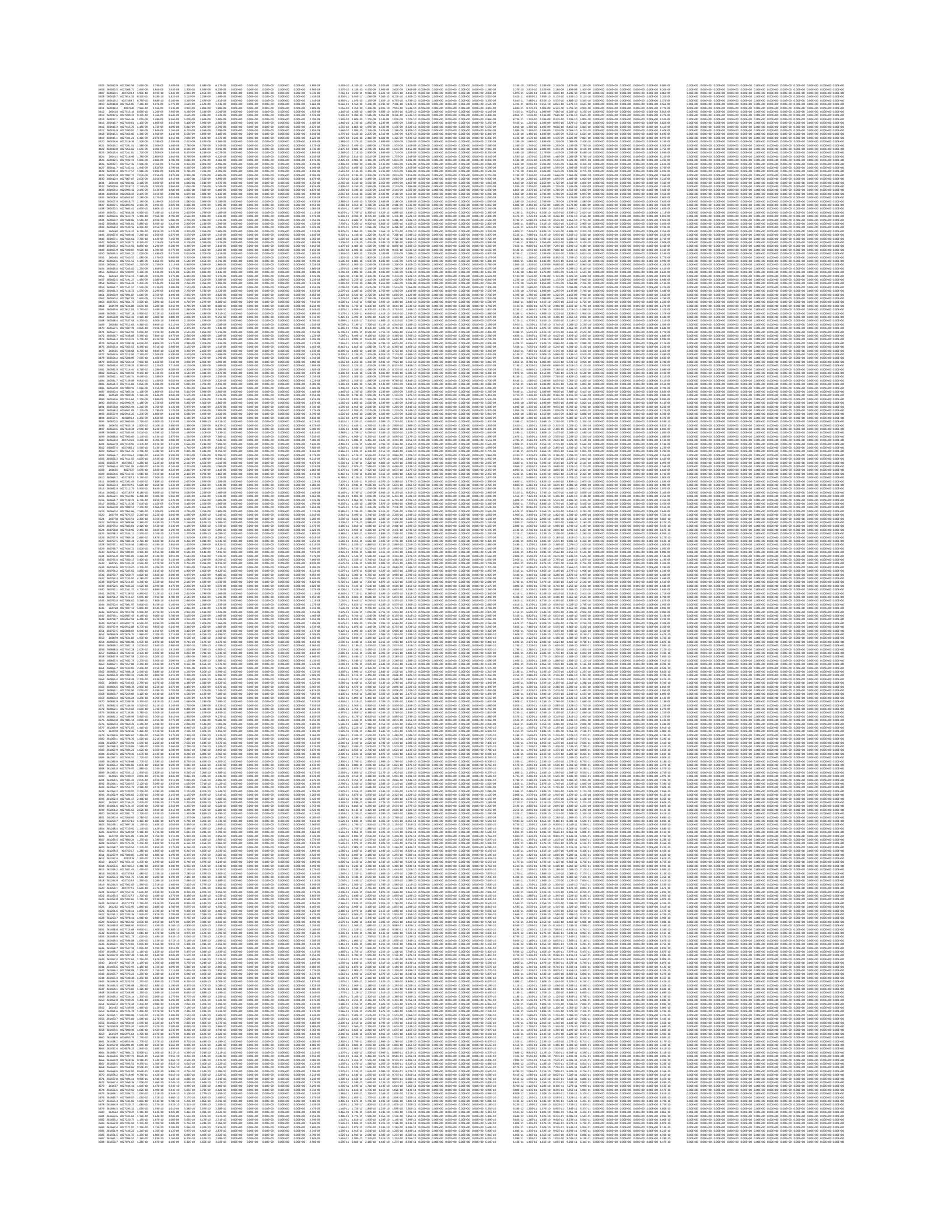


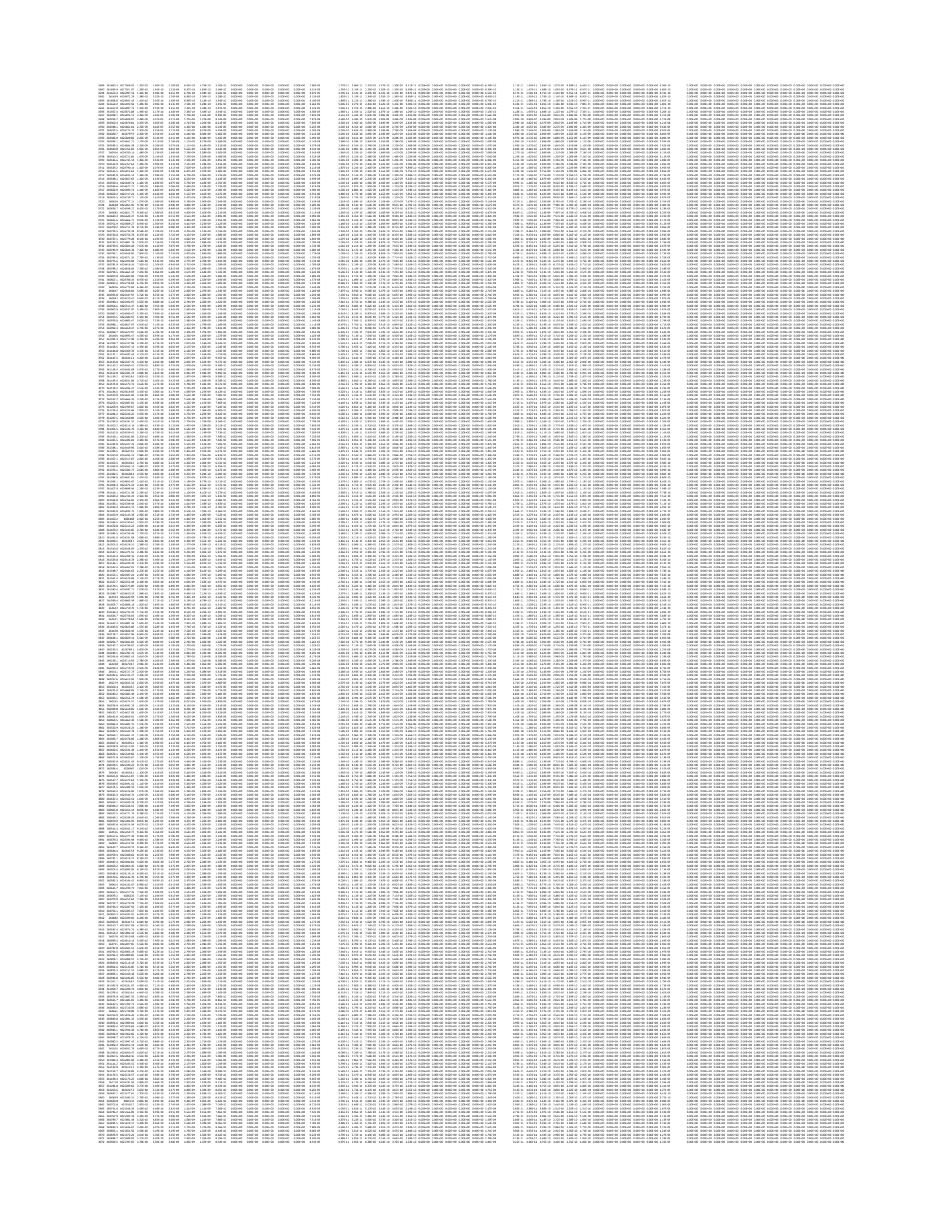


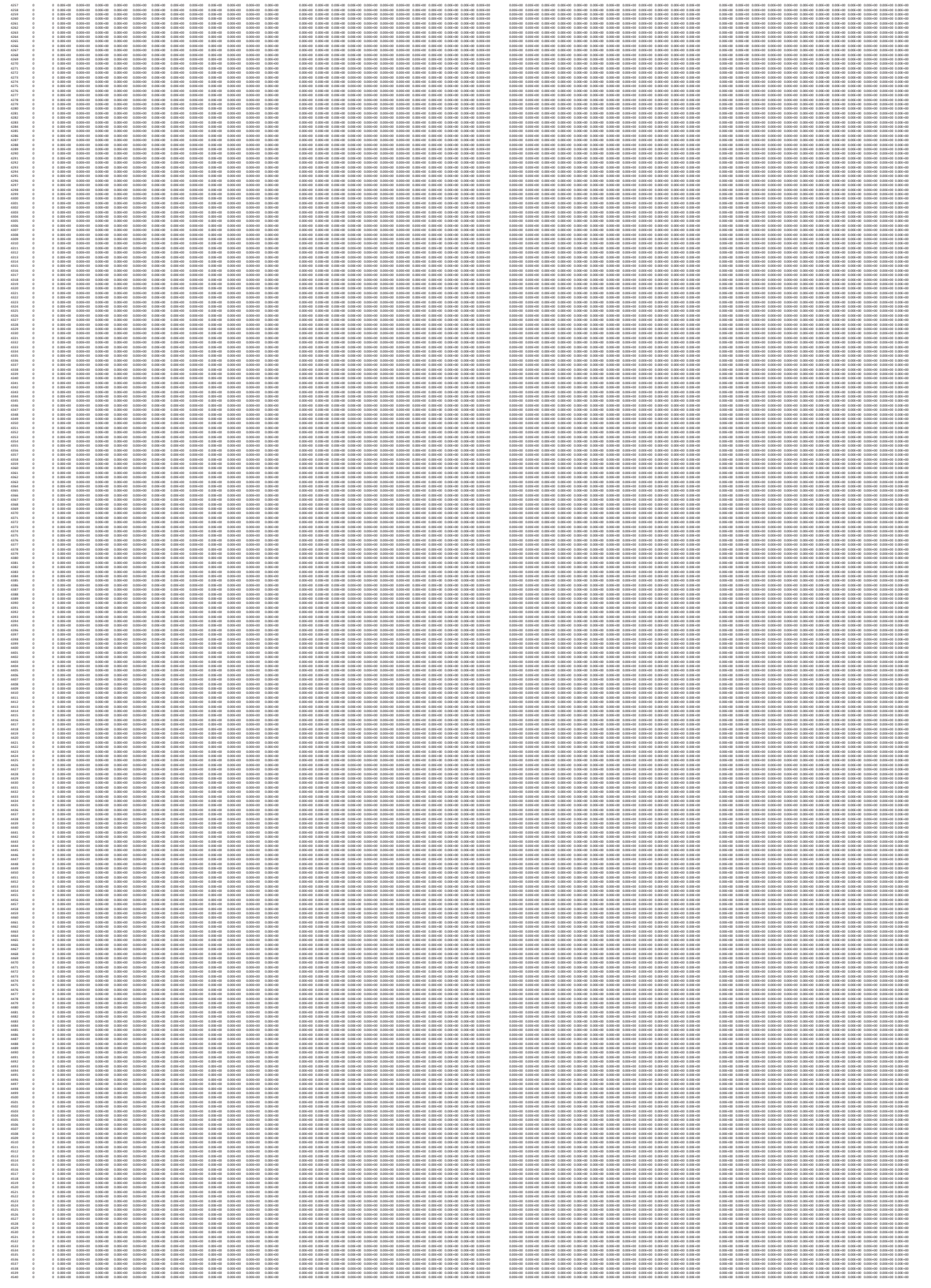


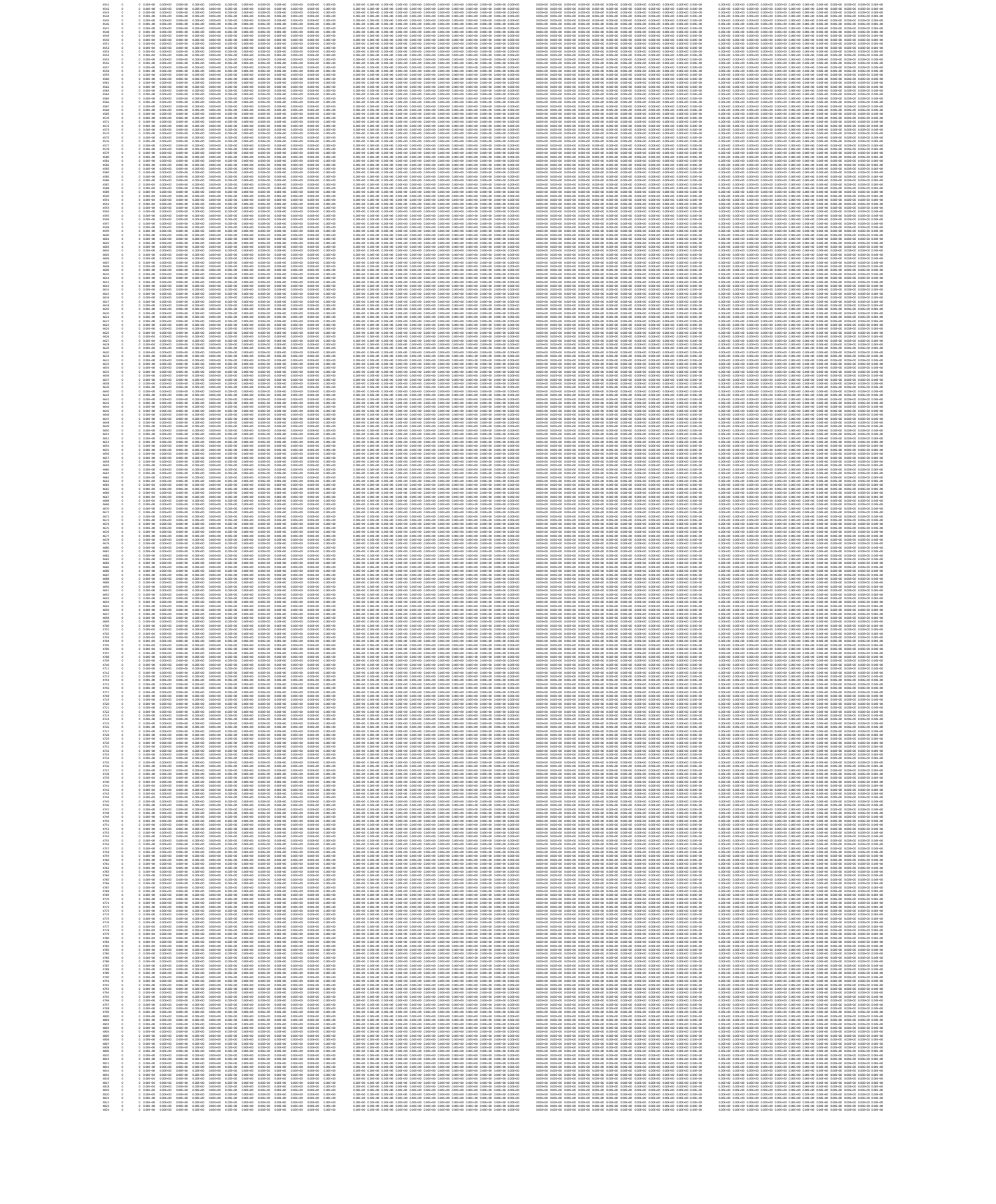


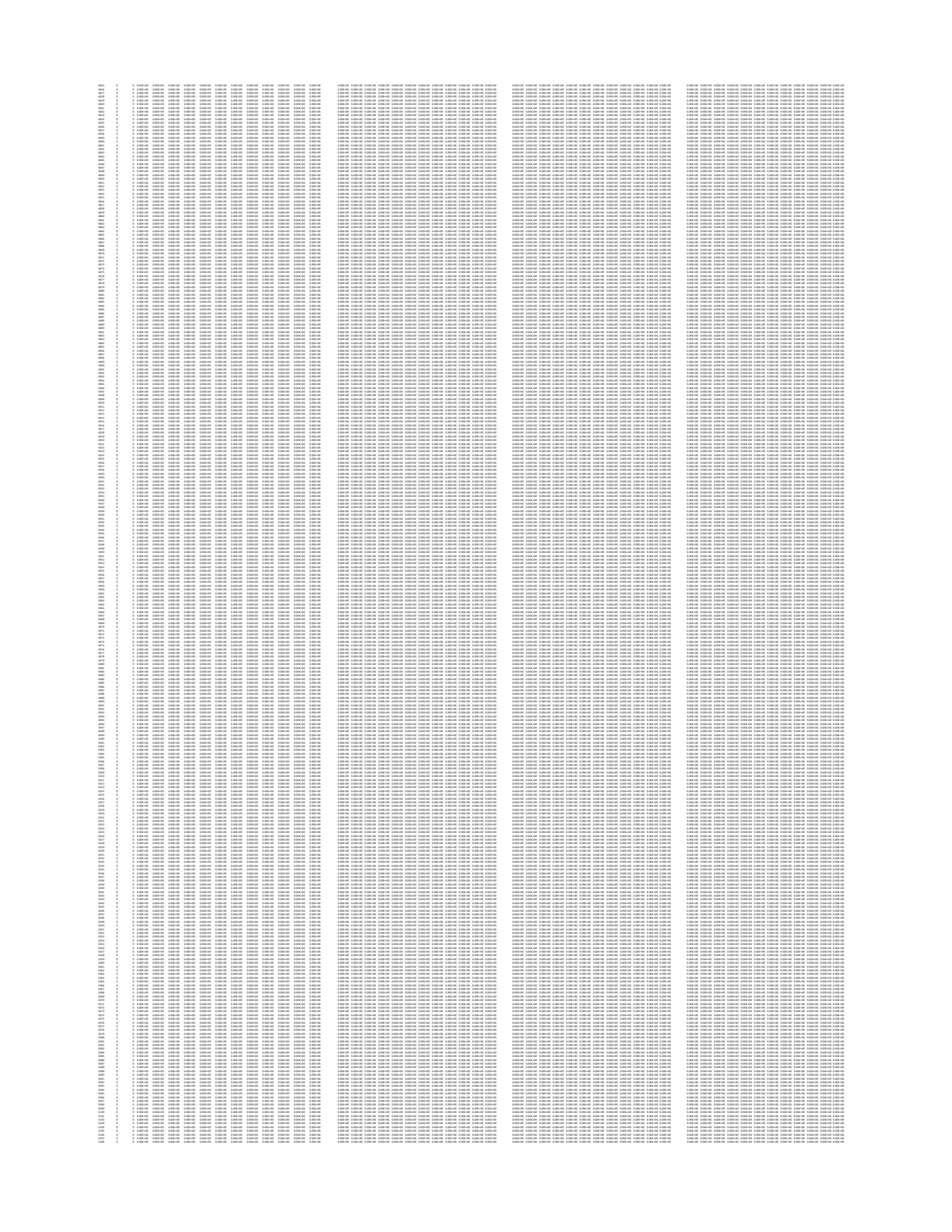


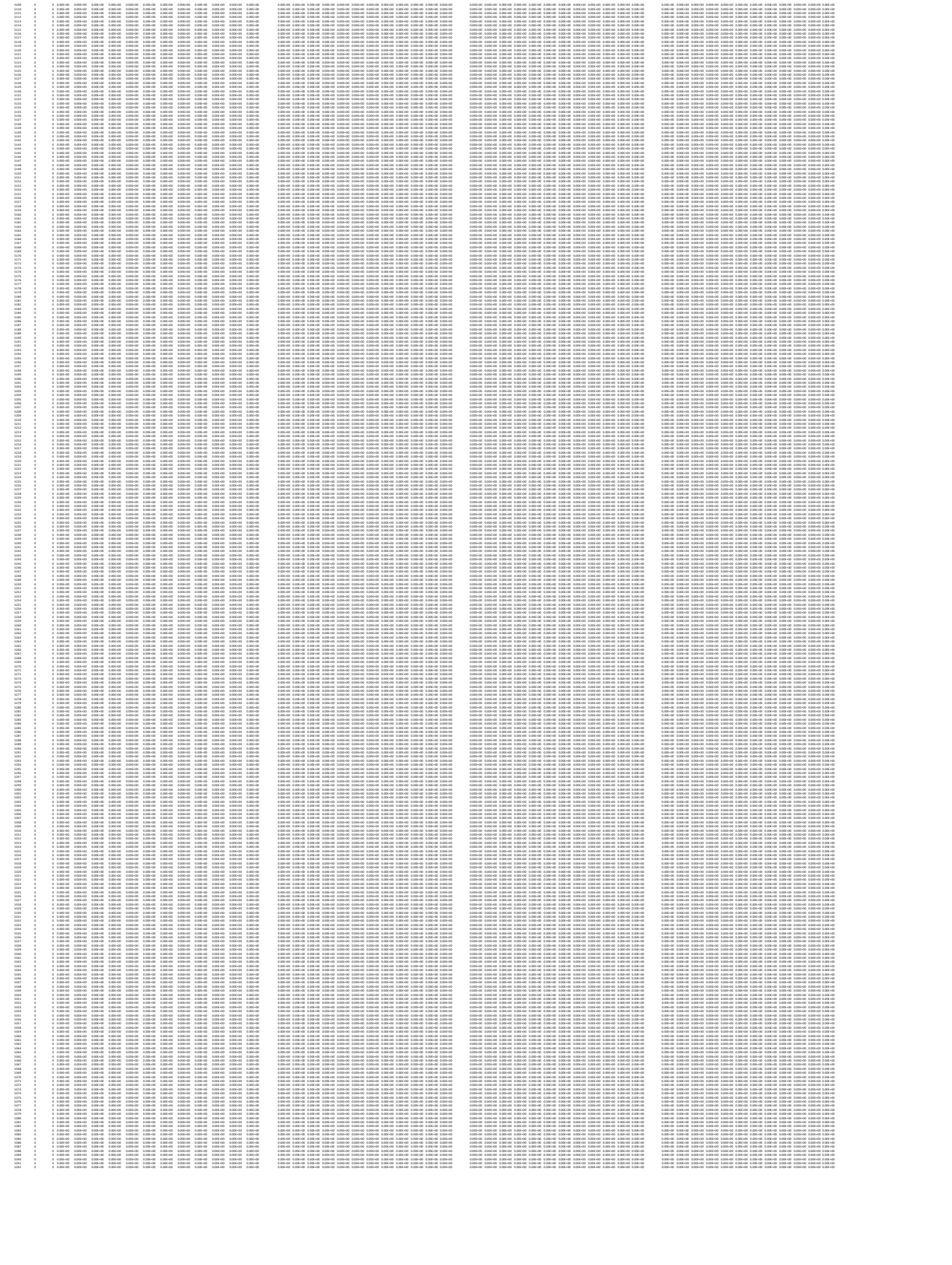


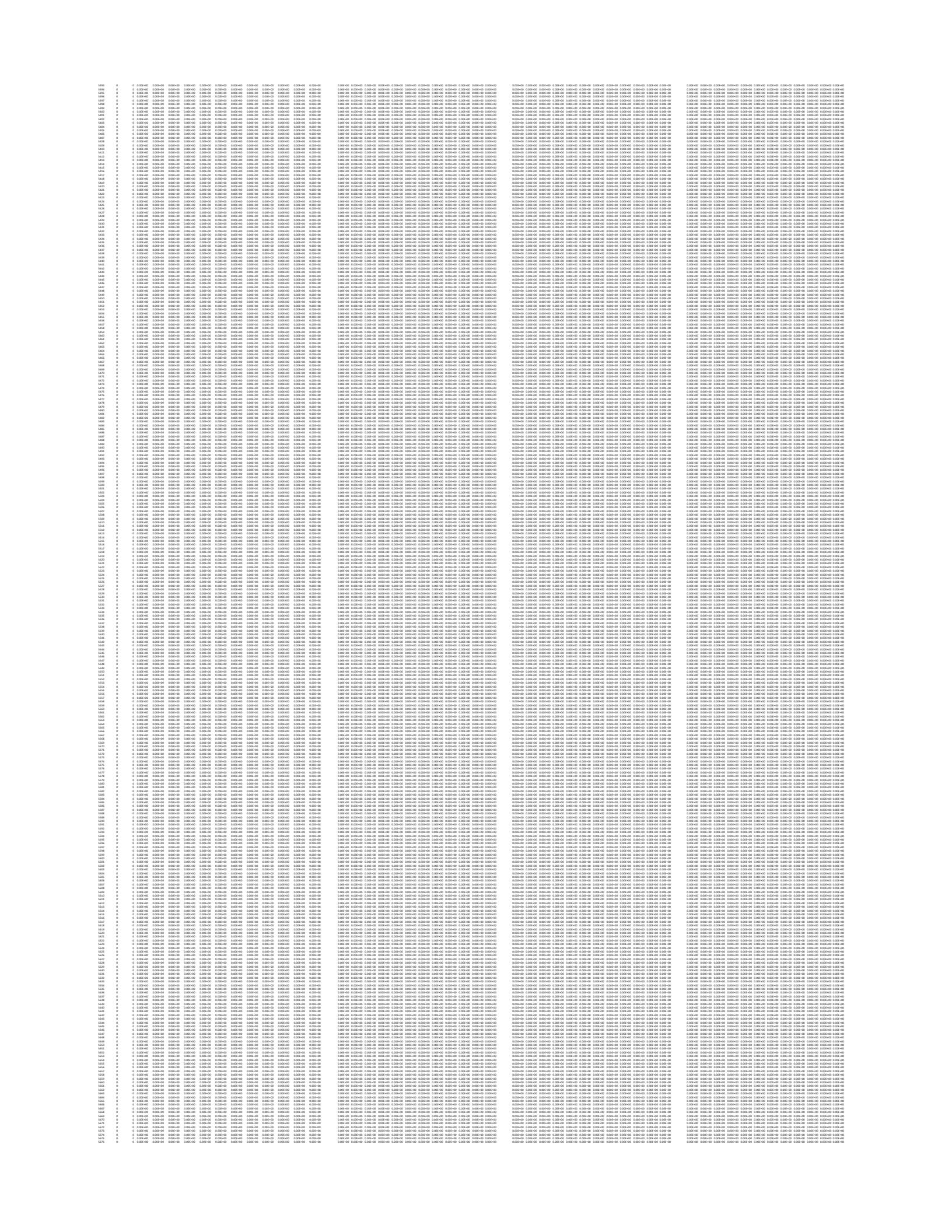


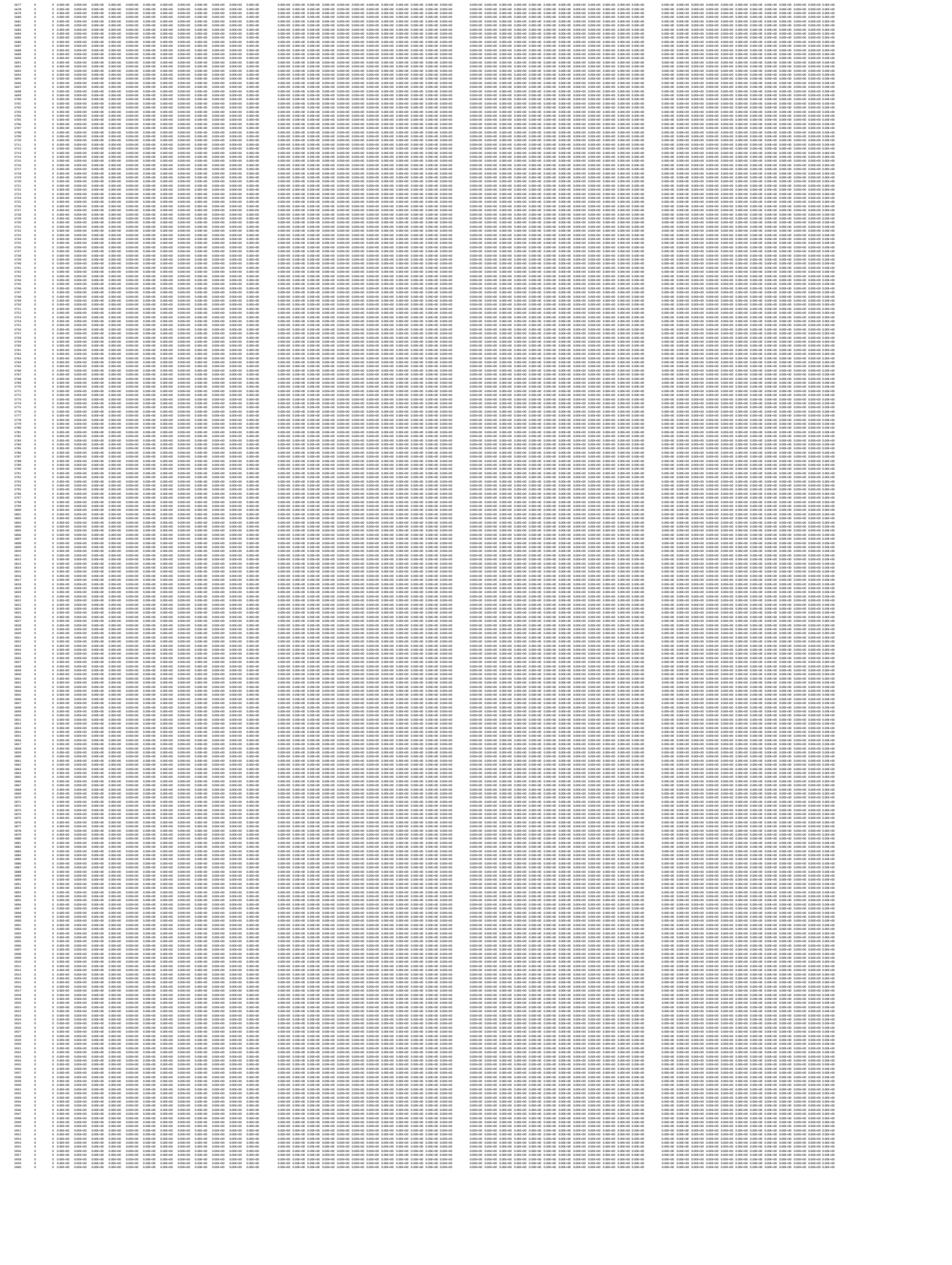




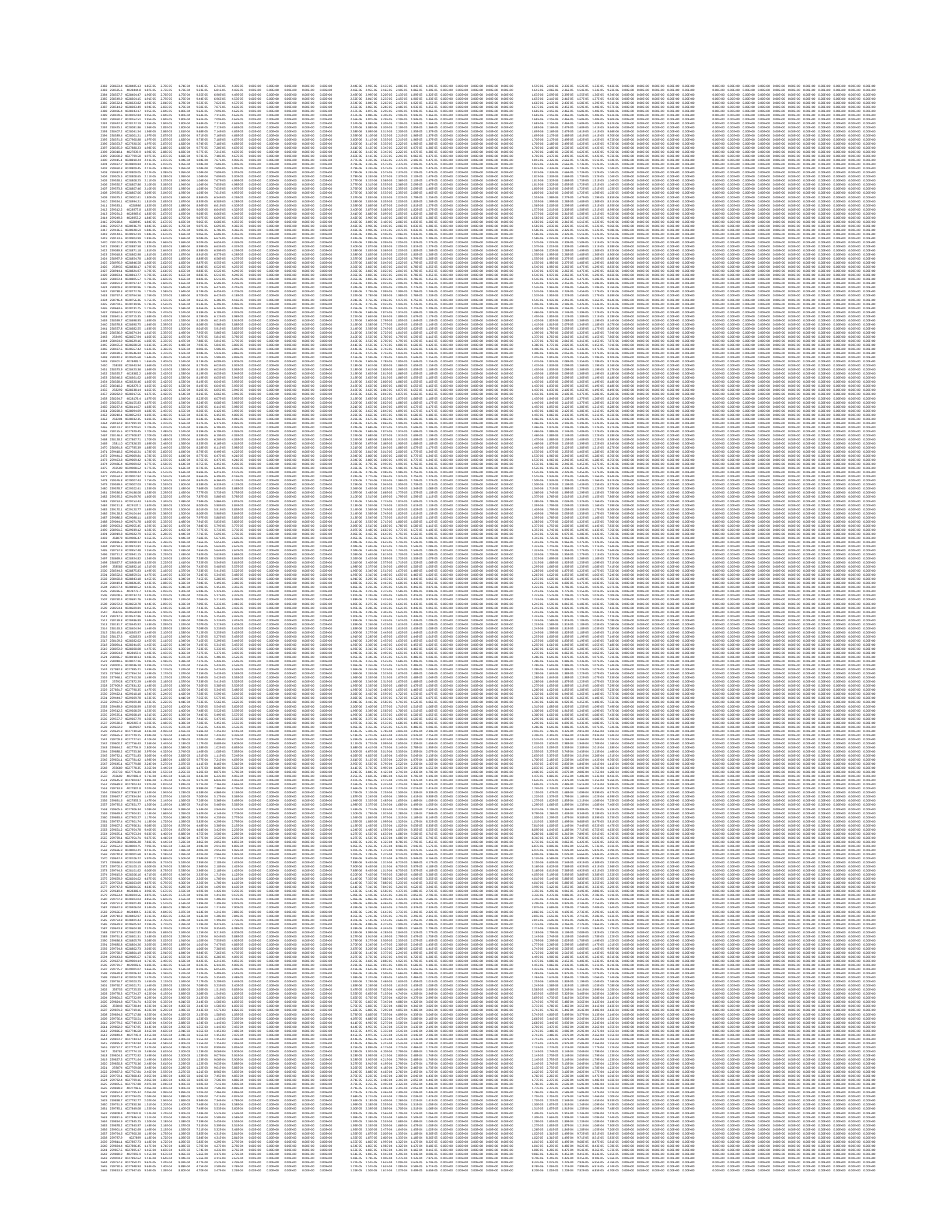


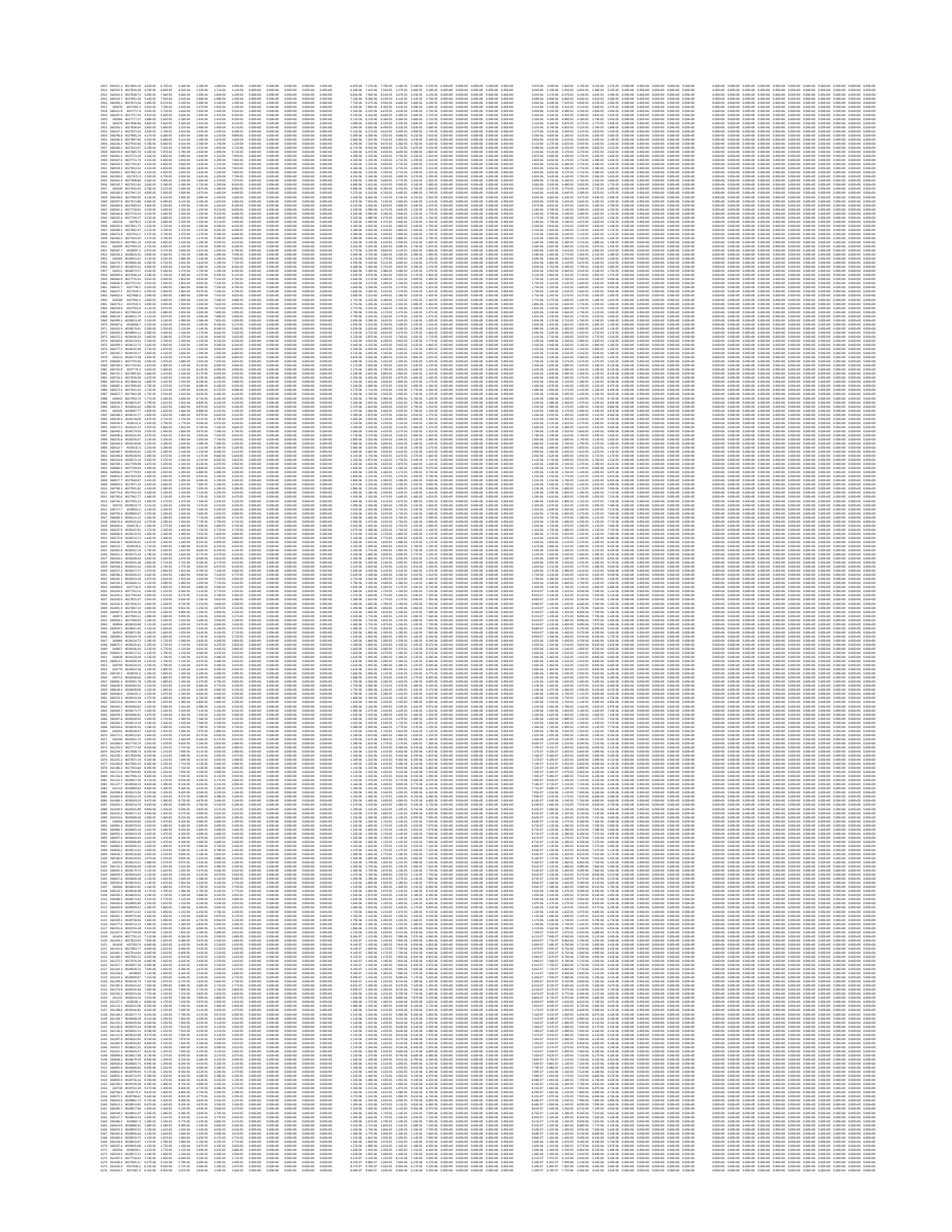


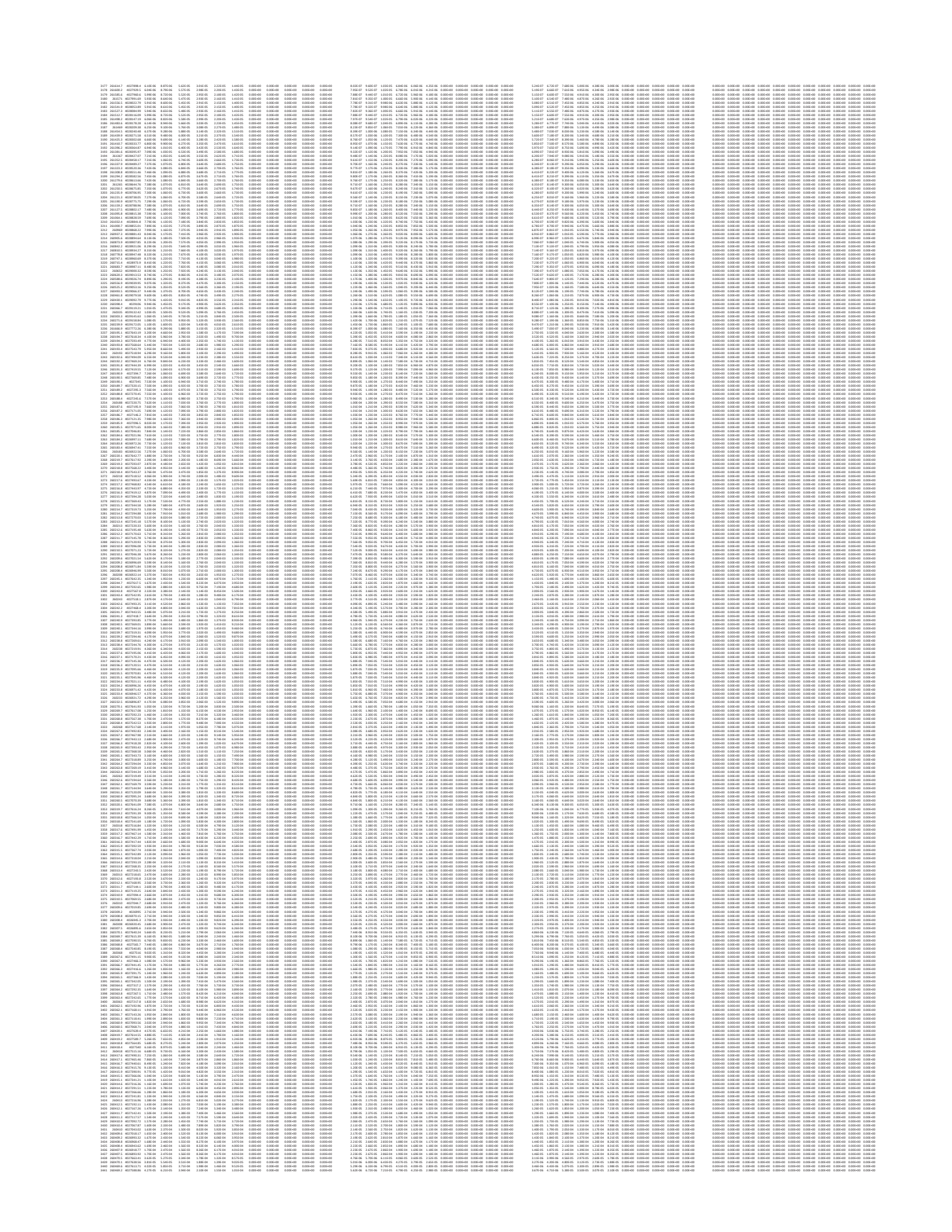




	UniMitigated			3264												T2												T2t1												T4										
	T1M0	2845145.48	4027979.66																																															
	8.00E+04	1.16E+03	7.28E+03	3.95E+03	2.91E+03	1.89E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		1.05E+04	1.24E+04	1.15E+03	8.98E+04	7.96E+04	5.58E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		6.88E+05	8.82E+05	1.01E+03	6.56E+04	5.75E+04	3.94E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Yr 7	Yr 8	Yr 9	Yr 10	Yr 11			Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Yr 7	Yr 8	Yr 9	Yr 10	Yr 11			Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Yr 7	Yr 8	Yr 9	Yr 10	Yr 11			Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Yr 7	Yr 8	Yr 9	Yr 10	Yr 11
1	2460122.9	4026867.29	7.00E+04	1.06E+03	6.73E+03	3.60E+03	2.66E+03	1.73E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E+04	1.15E+04	1.05E+03	8.19E+04	7.26E+04	5.09E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		6.28E+05	8.05E+05	9.20E+04	5.98E+04	5.24E+04	3.59E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	2460099.7	4026867.81	7.38E+04	1.07E+03	6.81E+03	3.64E+03	2.69E+03	1.75E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.71E+04	1.16E+04	1.25E+03	8.28E+04	7.34E+04	5.15E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		6.35E+05	8.14E+05	9.30E+04	6.05E+04	5.30E+04	3.64E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	2460076.1	4026868.32	7.22E+04	1.05E+03	6.65E+03	3.56E+03	2.63E+03	1.71E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.49E+04	1.14E+04	1.22E+03	8.10E+04	7.18E+04	5.03E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		6.21E+05	7.95E+05	9.09E+04	5.91E+04	5.18E+04	3.55E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	2460053.3	4026868.85	7.06E+04	1.03E+03	6.51E+03	3.48E+03	2.57E+03	1.67E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E+04	1.11E+04	1.19E+03	7.92E+04	7.02E+04	4.92E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		6.07E+05	7.78E+05	8.89E+04	5.79E+04	5.07E+04	3.48E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	2460030.1	4026869.37	6.75E+04	9.83E+04	6.22E+03	3.32E+03	2.46E+03	1.60E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E+04	1.06E+04	1.14E+03	7.57E+04	6.72E+04	4.71E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		5.81E+05	7.44E+05	8.51E+04	5.54E+04	4.85E+04	3.33E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	2460006.9	4026869.89	6.13E+04	8.92E+04	5.65E+03	3.02E+03	2.23E+03	1.45E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E+04	9.66E+03	1.03E+03	6.88E+04	6.10E+04	4.27E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		5.27E+05	6.76E+05	7.72E+04	5.03E+04	4.40E+04	3.02E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	2459983.8	4026870.41	5.71E+04	8.31E+04	5.26E+03	2.81E+03	2.08E+03	1.35E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E+04	9.00E+03	9.59E+02	6.41E+04	5.68E+04	3.98E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		4.91E+05	6.30E+05	7.19E+04	4.69E+04	4.10E+04	2.81E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	2459960.6	4026871.02	5.29E+04	7.69E+04	4.87E+03	2.61E+03	1.92E+03	1.25E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E+04	8.32E+03	8.92E+02	5.93E+04	5.26E+04	3.68E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		4.54E+05	5.82E+05	6.66E+04	4.33E+04	3.79E+04	2.60E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	2459939.4	4026872.46	4.85E+04	7.06E+04	4.47E+03	2.40E+03	1.76E+03	1.15E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E+04	7.64E+03	8.19E+02	5.44E+04	4.83E+04	3.38E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		4.17E+05	5.34E+05	6.12E+04	3.97E+04	3.48E+04	2.39E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	2460122.3	4026842.29	5.28E+04	7.69E+04	4.87E+03	2.61E+03	1.92E+03	1.25E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E+04	8.32E+03	8.92E+02	5.93E+04	5.26E+04	3.68E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		4.54E+05	5.82E+05	6.66E+04	4.33E+04	3.79E+04	2.60E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	2460091.1	4026842.82	5.15E+04	7.48E+04	4.71E+03	2.52E+03	1.86E+03	1.21E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E+04	8.05E+03	8.63E+02	5.74E+04	5.09E+04	3.56E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		4.40E+05	5.64E+05	6.44E+04	4.19E+04	3.67E+04	2.52E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	2460052.8	4026843.34	5.01E+04	7.27E+04	4.58E+03	2.44E+03	1.81E+03	1.17E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E+04	7.82E+03	8.38E+02	5.57E+04	4.94E+04	3.45E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		4.27E+05	5.47E+05	6.25E+04	4.06E+04	3.56E+04	2.44E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	2460029.6	4026844.38	4.63E+04	6.72E+04	4.26E+03	2.28E+03	1.69E+03	1.10E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E+04	7.29E+03	7.81E+02	5.19E+04	4.60E+04	3.22E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		3.98E+05	5.10E+05	5.83E+04	3.79E+04	3.32E+04	2.28E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	2460006.4	4026844.9	4.19E+04	6.08E+04	3.85E+03	2.06E+03	1.53E+03	9.97E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E+04	6.59E+03	7.07E+02	4.69E+04	4.16E+04	2.91E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		3.60E+05	4.61E+05	5.27E+04	3.43E+04	3.00E+04	2.06E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	2459983.2	4026845.42	3.74E+04	5.45E+04	3.45E+03	1.85E+03	1.36E+03	8.87E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E+04	5.90E+03	6.32E+02	4.20E+04	3.72E+04	2.61E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		3.22E+05	4.13E+05	4.72E+04	3.07E+04	2.69E+04	1.84E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	2459960.1	4026846.46	3.29E+04	4.79E+04	3.04E+03	1.63E+03	1.20E+03	7.81E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+04	5.19E+03	5.56E+02	3.70E+04	3.27E+04	2.30E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		2.83E+05	3.64E+05	4.16E+04	2.70E+04	2.37E+04	1.62E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	2459939.8	4026847.02	2.84E+04	4.13E+04	2.62E+03	1.40E+03	1.03E+03	6.73E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E+04	4.48E+03	4.80E+02	3.19E+04	2.82E+04	1.98E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		2.44E+05	3.14E+05	3.59E+04	2.33E+04	2.04E+04	1.40E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	2459919.2	4026848.54	2.39E+04	3.48E+04	2.21E+03	1.18E+03	8.69E+02	5.67E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E+04	3.77E+03	4.04E+02	2.69E+04	2.38E+04	1.67E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		2.06E+05	2.65E+05	3.03E+04	1.97E+04	1.72E+04	1.18E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	2459898.9	4026849.06	1.99E+04	2.90E+04	1.84E+03	9.84E+02	7.24E+02	4.72E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E+04	3.14E+03	3.36E+02	2.24E+04	1.98E+04	1.39E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		1.72E+05	2.20E+05	2.52E+04	1.64E+04	1.43E+04	9.84E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	2460009.6	4026873.82	1.68E+04	2.45E+04	1.56E+03	8.32E+02	6.12E+02	3.99E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E+04	2.65E+03	2.84E+02	1.89E+04	1.67E+04	1.17E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		1.45E+05	1.86E+05	2.13E+04	1.39E+04	1.21E+04	8.32E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	2460041.6	4026878.02	1.47E+04	2.14E+04	1.37E+03	7.29E+02	5.36E+02	3.49E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E+04	2.32E+03	2.48E+02	1.65E+04	1.46E+04	1.02E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		1.27E+05	1.62E+05	1.86E+04	1.22E+04	1.06E+04	7.29E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	2460052.2	4026818.86	1.77E+04	5.49E+04	3.48E+03	1.86E+03	1.37E+03	8.93E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E+04	5.94E+03	6.37E+02	4.23E+04	3.75E+04	2.63E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		3.24E+05	4.16E+05	4.75E+04	3.09E+04	2.71E+04	1.86E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	2460029	4026818.39	3.51E+04	5.27E+04	3.34E+03	1.78E+03	1.31E+03	8.57E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E+04	5.70E+03	6.11E+02	4.06E+04	3.60E+04	2.52E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		3.11E+05	3.99E+05	4.56E+04	2.97E+04	2.60E+04	1.78E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	2460005.8	4026818.91	3.30E+04	4.80E+04	3.04E+03	1.63E+03	1.20E+03	7.81E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E+04	5.19E+03	5.56E+02	3.70E+04	3.27E+04	2.30E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		2.84E+05	3.64E+05	4.16E+04	2.70E+04	2.37E+04	1.62E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	2459982.6	4026824.6	3.15E+04	4.58E+04	2.90E+03	1.55E+03	1.14E+03	7.45E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E+04	4.95E+03	5.30E+02	3.53E+04	3.12E+04	2.19E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		2.71E+05	3.47E+05	3.97E+04	2.58E+04	2.26E+04	1.55E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	2459958.4	4026820.95	3.00E+04	4.37E+04	2.77E+03	1.48E+03	1.09E+03	7.11E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E+04	4.72E+03	5.07E+02	3.37E+04	2.98E+04	2.09E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		2.58E+05	3.31E+05	3.78E+04	2.46E+04	2.16E+04	1.48E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	2460161.3	4026794.34	3.47E+04	5.05E+04	3.20E+03	1.71E+03	1.26E+03	8.21E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E+04	5.45E+03	5.85E+02	3.89E+04	3.44E+04	2.42E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		2.98E+05	3.82E+05	4.37E+04	2.84E+04	2.49E+04	1.71E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	2460125.2	4026792.31	3.39E+04	4.93E+04	3.12E+03	1.67E+03	1.23E+03	8.02E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E+04	5.32E+03	5.72E+02	3.80E+04	3.37E+04	2.36E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		2.91E+05	3.73E+05	4.27E+04	2.78E+04	2.43E+04	1.67E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	2460098	4026792.83	3.52E+04	5.12E+04	3.24E+03	1.73E+03	1.28E+03	8.33E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E+04	5.53E+03	5.94E+02	3.95E+04	3.50E+04	2.45E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		3.02E+05	3.88E+05	4.43E+04	2.89E+04	2.52E+04	1.73E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	2460074.8	4026793.25	3.21E+04	4.67E+04	2.96E+03	1.58E+03	1.17E+03	7.59E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E+04	5.05E+03	5.41E+02	3.60E+04	3.19E+04	2.23E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		2.76E+05	3.53E+05	4.04E+04	2.63E+04	2.30E+04	1.58E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	2460051.4	4026793.67	3.07E+04	4.47E+04	2.83E+03	1.51E+03	1.12E+03	7.27E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E+04	4.83E+03	5.18E+02	3.45E+04	3.05E+04	2.14E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		2.64E+05	3.38E+05	3.87E+04	2.52E+04	2.20E+04	1.51E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	2460028.5	4026794.39	2.92E+04	4.26E+04	2.70E+03	1.44E+03	1.06E+03	6.92E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E+04	4.61E+03	4.93E+02	3.28E+04	2.91E+04	2.04E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		2.52E+05	3.22E+05	3.68E+04	2.40E+04	2.10E+04	1.44E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	2460005.1	4026794.91	2.79E+04	4.07E+04	2.57E+03	1.37E+03	1.01E+03	6.61E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E+04	4.40E+03	4.71E+02	3.13E+04	2.78E+04	1.95E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		2.41E+05	3.07E+05	3.52E+04	2.29E+04	2.01E+04	1.37E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.







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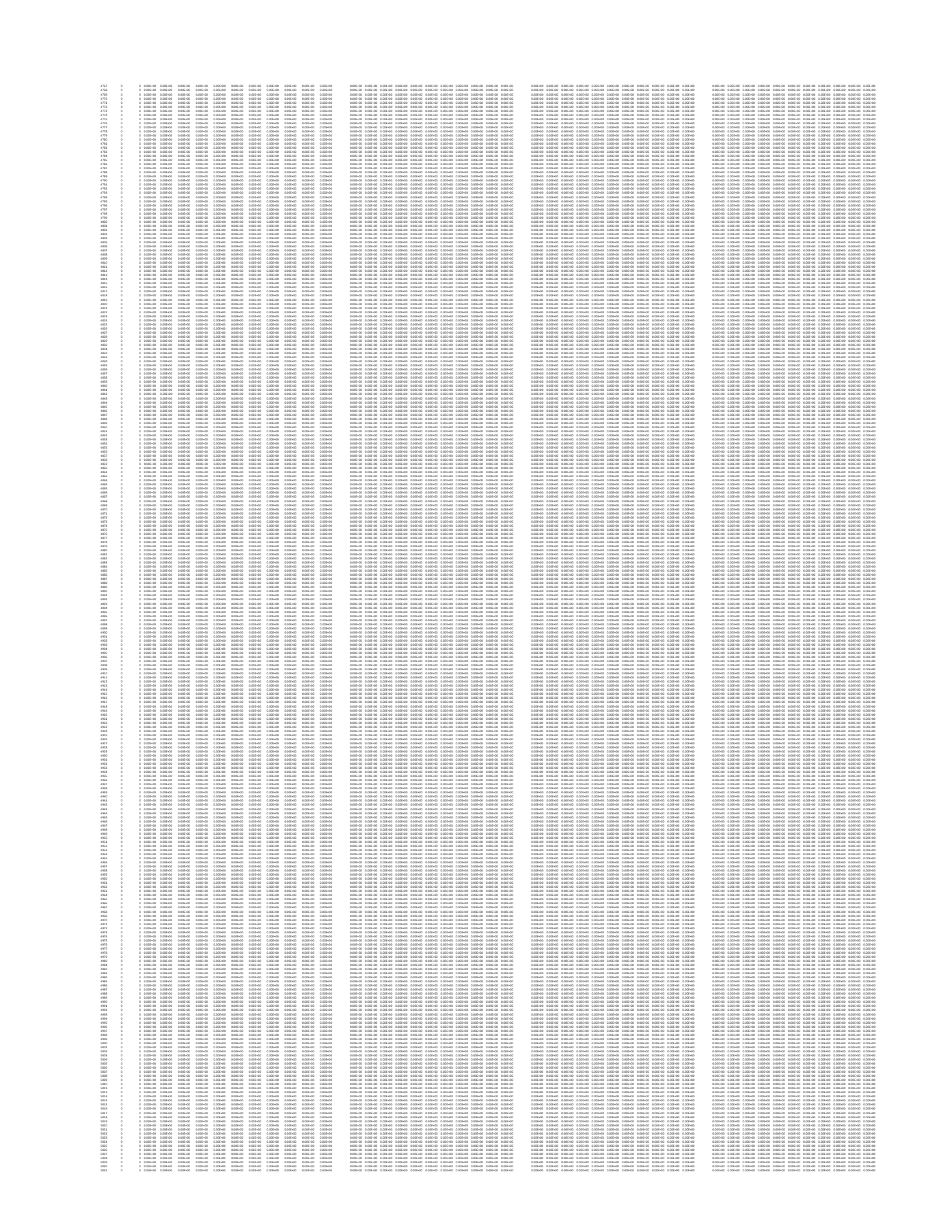

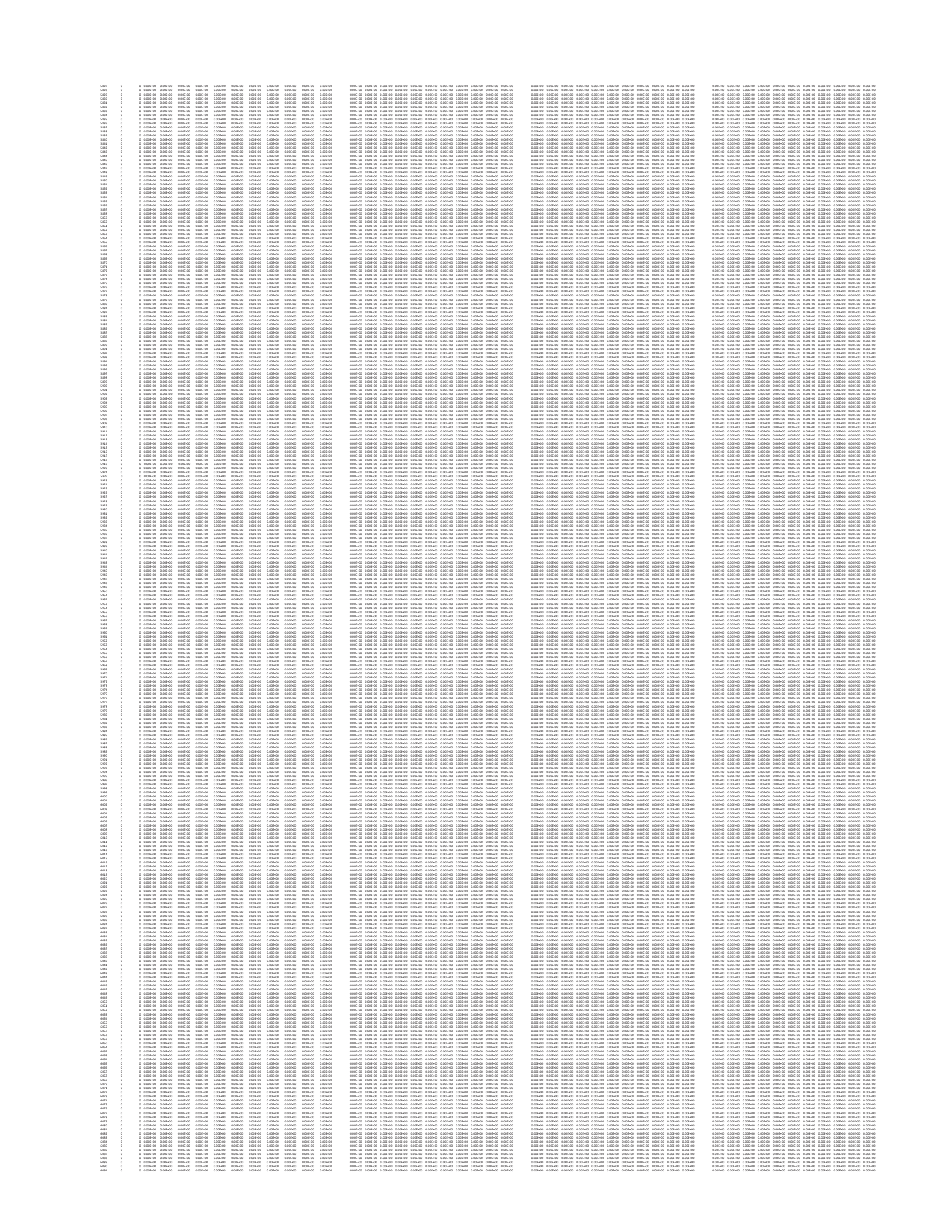

					3267	
			3260	260185.48	4027071.65	
	Max Yr	**3**	UnMitigated	T2	T2L3	T4
	Row	**34**	3.69E-02	6.75E-03	5.04E-03	0.00E+00
		Col	**3**	**4**	**5**	**6**
		Adjustment	**100%**	**18%**	**14%**	**0%**
			Year 3	Year 3	Year 3	Year 3
1	260122.9	4026867.29	3.36E-02	6.16E-03	4.60E-03	0.00E+00
2	260099.7	4026867.81	3.40E-02	6.23E-03	4.65E-03	0.00E+00
3	260076.5	4026868.33	3.33E-02	6.09E-03	4.55E-03	0.00E+00
4	260053.3	4026868.85	3.25E-02	5.96E-03	4.45E-03	0.00E+00
5	260030.1	4026869.37	3.11E-02	5.70E-03	4.25E-03	0.00E+00
6	260006.9	4026869.89	2.83E-02	5.17E-03	3.86E-03	0.00E+00
7	259983.8	4026870.42	2.36E-02	4.31E-03	3.22E-03	0.00E+00
8	259960.6	4026870.94	1.94E-02	3.55E-03	2.65E-03	0.00E+00
9	260145.5	4026841.77	2.40E-02	4.39E-03	3.28E-03	0.00E+00
10	260122.3	4026842.29	2.44E-02	4.46E-03	3.33E-03	0.00E+00
11	260099.1	4026842.82	2.43E-02	4.44E-03	3.32E-03	0.00E+00
12	260075.9	4026843.34	2.36E-02	4.32E-03	3.22E-03	0.00E+00
13	260052.8	4026843.86	2.27E-02	4.16E-03	3.11E-03	0.00E+00
14	260029.6	4026844.38	2.13E-02	3.90E-03	2.91E-03	0.00E+00
15	260006.4	4026844.9	1.93E-02	3.54E-03	2.64E-03	0.00E+00
16	259983.2	4026845.42	1.73E-02	3.16E-03	2.36E-03	0.00E+00
17	259960	4026845.94	1.60E-02	2.92E-03	2.18E-03	0.00E+00
18	260157.7	4026818.69	1.92E-02	3.52E-03	2.62E-03	0.00E+00
19	260121.8	4026817.3	1.91E-02	3.49E-03	2.61E-03	0.00E+00
20	260098.6	4026817.82	1.88E-02	3.45E-03	2.57E-03	0.00E+00
21	260075.4	4026818.34	1.82E-02	3.33E-03	2.49E-03	0.00E+00
22	260052.2	4026818.86	1.74E-02	3.18E-03	2.38E-03	0.00E+00
23	260029	4026819.39	1.63E-02	2.99E-03	2.23E-03	0.00E+00
24	260005.8	4026819.91	1.52E-02	2.78E-03	2.08E-03	0.00E+00
25	259982.6	4026820.43	1.43E-02	2.62E-03	1.96E-03	0.00E+00
26	259959.4	4026820.95	1.38E-02	2.53E-03	1.89E-03	0.00E+00
27	260161.3	4026794.34	1.60E-02	2.93E-03	2.19E-03	0.00E+00
28	260121.2	4026792.31	1.56E-02	2.86E-03	2.13E-03	0.00E+00
29	260098	4026792.83	1.53E-02	2.80E-03	2.09E-03	0.00E+00
30	260074.8	4026793.35	1.48E-02	2.71E-03	2.02E-03	0.00E+00
31	260051.6	4026793.87	1.42E-02	2.59E-03	1.93E-03	0.00E+00
32	260028.5	4026794.39	1.35E-02	2.47E-03	1.84E-03	0.00E+00
33	260005.3	4026794.91	1.29E-02	2.35E-03	1.76E-03	0.00E+00
34	259982.1	4026795.43	1.25E-02	2.28E-03	1.70E-03	0.00E+00
35	259958.9	4026795.96	1.23E-02	2.26E-03	1.68E-03	0.00E+00
36	260160.2	4026744.35	1.18E-02	2.16E-03	1.61E-03	0.00E+00
37	260120.1	4026742.32	1.14E-02	2.08E-03	1.55E-03	0.00E+00
38	260096.9	4026742.84	1.11E-02	2.03E-03	1.52E-03	0.00E+00
39	260073.7	4026743.36	1.08E-02	1.98E-03	1.48E-03	0.00E+00
40	260050.5	4026743.88	1.05E-02	1.92E-03	1.44E-03	0.00E+00

41	260027.3	4026744.4	1.03E-02	1.88E-03	1.40E-03	0.00E+00
42	260004.1	4026744.93	1.01E-02	1.85E-03	1.38E-03	0.00E+00
43	259981	4026745.45	1.00E-02	1.84E-03	1.37E-03	0.00E+00
44	259957.8	4026745.97	1.01E-02	1.85E-03	1.38E-03	0.00E+00
45	260164.7	4026695.21	9.29E-03	1.70E-03	1.27E-03	0.00E+00
46	260187.3	4026698.62	9.50E-03	1.74E-03	1.30E-03	0.00E+00
47	260142.1	4026691.81	9.01E-03	1.65E-03	1.23E-03	0.00E+00
48	260119	4026692.33	8.86E-03	1.62E-03	1.21E-03	0.00E+00
49	260095.8	4026692.85	8.71E-03	1.60E-03	1.19E-03	0.00E+00
50	260072.6	4026693.37	8.59E-03	1.57E-03	1.17E-03	0.00E+00
51	260049.4	4026693.9	8.47E-03	1.55E-03	1.16E-03	0.00E+00
52	260026.2	4026694.42	8.38E-03	1.53E-03	1.14E-03	0.00E+00
53	260003	4026694.94	8.34E-03	1.53E-03	1.14E-03	0.00E+00
54	259979.8	4026695.46	8.35E-03	1.53E-03	1.14E-03	0.00E+00
55	259956.6	4026695.98	8.41E-03	1.54E-03	1.15E-03	0.00E+00
56	260162.2	4026645.01	7.56E-03	1.38E-03	1.03E-03	0.00E+00
57	260204.5	4026651.4	7.85E-03	1.44E-03	1.07E-03	0.00E+00
58	260117.8	4026642.34	7.29E-03	1.34E-03	9.97E-04	0.00E+00
59	260094.6	4026642.87	7.21E-03	1.32E-03	9.86E-04	0.00E+00
60	260071.5	4026643.39	7.14E-03	1.31E-03	9.76E-04	0.00E+00
61	260048.3	4026643.91	7.09E-03	1.30E-03	9.69E-04	0.00E+00
62	260025.1	4026644.43	7.06E-03	1.29E-03	9.64E-04	0.00E+00
63	260001.9	4026644.95	7.05E-03	1.29E-03	9.63E-04	0.00E+00
64	259978.7	4026645.47	7.05E-03	1.29E-03	9.63E-04	0.00E+00
65	259955.5	4026645.99	7.06E-03	1.29E-03	9.64E-04	0.00E+00
66	260160.2	4026594.9	6.36E-03	1.16E-03	8.69E-04	0.00E+00
67	260200.9	4026601.03	6.59E-03	1.21E-03	9.00E-04	0.00E+00
68	260116.7	4026592.36	6.17E-03	1.13E-03	8.44E-04	0.00E+00
69	260093.5	4026592.88	6.11E-03	1.12E-03	8.35E-04	0.00E+00
70	260070.3	4026593.4	6.06E-03	1.11E-03	8.28E-04	0.00E+00
71	260047.1	4026593.92	6.03E-03	1.10E-03	8.24E-04	0.00E+00
72	260024	4026594.44	6.00E-03	1.10E-03	8.20E-04	0.00E+00
73	260000.8	4026594.96	5.97E-03	1.09E-03	8.16E-04	0.00E+00
74	259977.6	4026595.48	5.95E-03	1.09E-03	8.13E-04	0.00E+00
75	259954.4	4026596.01	5.91E-03	1.08E-03	8.08E-04	0.00E+00
76	260160.2	4026495.27	4.73E-03	8.67E-04	6.47E-04	0.00E+00
77	260182.8	4026498.67	4.83E-03	8.84E-04	6.60E-04	0.00E+00
78	260205.4	4026502.07	4.91E-03	9.00E-04	6.72E-04	0.00E+00
79	260228	4026505.48	4.99E-03	9.14E-04	6.82E-04	0.00E+00
80	260250.5	4026508.88	5.06E-03	9.26E-04	6.92E-04	0.00E+00
81	260137.6	4026491.86	4.64E-03	8.49E-04	6.34E-04	0.00E+00
82	260114.5	4026492.38	4.59E-03	8.40E-04	6.27E-04	0.00E+00
83	260091.3	4026492.9	4.54E-03	8.31E-04	6.21E-04	0.00E+00
84	260068.1	4026493.42	4.49E-03	8.22E-04	6.14E-04	0.00E+00
85	260044.9	4026493.95	4.43E-03	8.11E-04	6.05E-04	0.00E+00
86	260021.7	4026494.47	4.37E-03	8.01E-04	5.98E-04	0.00E+00
87	259998.5	4026494.99	4.32E-03	7.90E-04	5.90E-04	0.00E+00

88	259975.3	4026495.51	4.25E-03	7.78E-04	5.81E-04	0.00E+00
89	259952.1	4026496.03	4.17E-03	7.64E-04	5.70E-04	0.00E+00
90	260156.6	4026395.08	3.62E-03	6.63E-04	4.95E-04	0.00E+00
91	260198.9	4026401.46	3.77E-03	6.90E-04	5.15E-04	0.00E+00
92	260241.2	4026407.84	3.90E-03	7.14E-04	5.33E-04	0.00E+00
93	260283.6	4026414.23	4.00E-03	7.33E-04	5.47E-04	0.00E+00
94	260112.2	4026392.41	3.49E-03	6.39E-04	4.77E-04	0.00E+00
95	260089	4026392.93	3.43E-03	6.28E-04	4.69E-04	0.00E+00
96	260065.8	4026393.45	3.37E-03	6.17E-04	4.61E-04	0.00E+00
97	260042.6	4026393.97	3.31E-03	6.05E-04	4.52E-04	0.00E+00
98	260019.5	4026394.49	3.24E-03	5.93E-04	4.43E-04	0.00E+00
99	259996.3	4026395.01	3.17E-03	5.80E-04	4.33E-04	0.00E+00
100	259973.1	4026395.54	3.09E-03	5.66E-04	4.22E-04	0.00E+00
101	259949.9	4026396.06	3.00E-03	5.49E-04	4.10E-04	0.00E+00
102	260155.7	4026295.32	2.82E-03	5.16E-04	3.85E-04	0.00E+00
103	260178.3	4026298.72	2.89E-03	5.30E-04	3.95E-04	0.00E+00
104	260200.9	4026302.12	2.96E-03	5.43E-04	4.05E-04	0.00E+00
105	260223.5	4026305.53	3.03E-03	5.55E-04	4.14E-04	0.00E+00
106	260246.1	4026308.93	3.09E-03	5.66E-04	4.23E-04	0.00E+00
107	260268.6	4026312.34	3.15E-03	5.77E-04	4.31E-04	0.00E+00
108	260291.2	4026315.74	3.20E-03	5.86E-04	4.38E-04	0.00E+00
109	260313.8	4026319.15	3.25E-03	5.95E-04	4.44E-04	0.00E+00
110	260133.2	4026291.91	2.74E-03	5.01E-04	3.74E-04	0.00E+00
111	260110	4026292.43	2.68E-03	4.91E-04	3.67E-04	0.00E+00
112	260086.8	4026292.95	2.62E-03	4.80E-04	3.59E-04	0.00E+00
113	260063.6	4026293.48	2.56E-03	4.69E-04	3.50E-04	0.00E+00
114	260040.4	4026294	2.50E-03	4.58E-04	3.42E-04	0.00E+00
115	260017.2	4026294.52	2.43E-03	4.46E-04	3.33E-04	0.00E+00
116	259994	4026295.04	2.37E-03	4.33E-04	3.23E-04	0.00E+00
117	259970.8	4026295.56	2.30E-03	4.20E-04	3.14E-04	0.00E+00
118	259947.7	4026296.08	2.22E-03	4.07E-04	3.04E-04	0.00E+00
119	260152.5	4026195.19	2.21E-03	4.05E-04	3.02E-04	0.00E+00
120	260195.6	4026201.69	2.34E-03	4.29E-04	3.20E-04	0.00E+00
121	260238.7	4026208.18	2.46E-03	4.50E-04	3.36E-04	0.00E+00
122	260281.8	4026214.68	2.56E-03	4.69E-04	3.50E-04	0.00E+00
123	260324.9	4026221.18	2.65E-03	4.86E-04	3.62E-04	0.00E+00
124	260107.7	4026192.46	2.09E-03	3.83E-04	2.86E-04	0.00E+00
125	260084.5	4026192.98	2.04E-03	3.74E-04	2.79E-04	0.00E+00
126	260061.3	4026193.5	1.98E-03	3.63E-04	2.71E-04	0.00E+00
127	260038.2	4026194.02	1.93E-03	3.53E-04	2.63E-04	0.00E+00
128	260015	4026194.54	1.87E-03	3.42E-04	2.55E-04	0.00E+00
129	259991.8	4026195.06	1.81E-03	3.31E-04	2.47E-04	0.00E+00
130	259968.6	4026195.59	1.75E-03	3.21E-04	2.39E-04	0.00E+00
131	259945.4	4026196.11	1.69E-03	3.09E-04	2.31E-04	0.00E+00
132	260148.2	4025995.27	1.43E-03	2.61E-04	1.95E-04	0.00E+00
133	260191.7	4026001.84	1.53E-03	2.79E-04	2.09E-04	0.00E+00
134	260235.3	4026008.4	1.62E-03	2.97E-04	2.22E-04	0.00E+00

135	260278.8	4026014.97	1.71E-03	3.13E-04	2.34E-04	0.00E+00
136	260322.4	4026021.53	1.79E-03	3.28E-04	2.45E-04	0.00E+00
137	260365.9	4026028.1	1.86E-03	3.41E-04	2.54E-04	0.00E+00
138	260409.5	4026034.66	1.93E-03	3.53E-04	2.63E-04	0.00E+00
139	260103.2	4025992.51	1.34E-03	2.45E-04	1.83E-04	0.00E+00
140	260080	4025993.03	1.30E-03	2.38E-04	1.78E-04	0.00E+00
141	260056.8	4025993.55	1.26E-03	2.31E-04	1.73E-04	0.00E+00
142	260033.7	4025994.07	1.22E-03	2.24E-04	1.67E-04	0.00E+00
143	260010.5	4025994.59	1.18E-03	2.17E-04	1.62E-04	0.00E+00
144	259987.3	4025995.11	1.14E-03	2.10E-04	1.56E-04	0.00E+00
145	259964.1	4025995.64	1.11E-03	2.03E-04	1.51E-04	0.00E+00
146	259940.9	4025996.16	1.07E-03	1.96E-04	1.46E-04	0.00E+00
147	260143.8	4025795.34	9.87E-04	1.81E-04	1.35E-04	0.00E+00
148	260187.7	4025801.95	1.05E-03	1.93E-04	1.44E-04	0.00E+00
149	260231.5	4025808.56	1.12E-03	2.06E-04	1.53E-04	0.00E+00
150	260275.3	4025815.17	1.19E-03	2.18E-04	1.63E-04	0.00E+00
151	260319.2	4025821.78	1.26E-03	2.30E-04	1.72E-04	0.00E+00
152	260363	4025828.38	1.32E-03	2.42E-04	1.80E-04	0.00E+00
153	260406.8	4025834.99	1.38E-03	2.52E-04	1.88E-04	0.00E+00
154	260450.7	4025841.6	1.43E-03	2.62E-04	1.96E-04	0.00E+00
155	260098.7	4025792.56	9.25E-04	1.69E-04	1.26E-04	0.00E+00
156	260075.5	4025793.08	8.99E-04	1.65E-04	1.23E-04	0.00E+00
157	260052.4	4025793.6	8.72E-04	1.60E-04	1.19E-04	0.00E+00
158	260029.2	4025794.12	8.45E-04	1.55E-04	1.16E-04	0.00E+00
159	260006	4025794.64	8.19E-04	1.50E-04	1.12E-04	0.00E+00
160	259982.8	4025795.17	7.94E-04	1.45E-04	1.09E-04	0.00E+00
161	259959.6	4025795.69	7.71E-04	1.41E-04	1.05E-04	0.00E+00
162	259936.4	4025796.21	7.47E-04	1.37E-04	1.02E-04	0.00E+00
163	260139.4	4025595.41	7.24E-04	1.33E-04	9.90E-05	0.00E+00
164	260183.5	4025602.05	7.70E-04	1.41E-04	1.05E-04	0.00E+00
165	260227.5	4025608.68	8.18E-04	1.50E-04	1.12E-04	0.00E+00
166	260271.5	4025615.32	8.68E-04	1.59E-04	1.19E-04	0.00E+00
167	260315.6	4025621.96	9.18E-04	1.68E-04	1.25E-04	0.00E+00
168	260359.6	4025628.6	9.66E-04	1.77E-04	1.32E-04	0.00E+00
169	260403.6	4025635.24	1.01E-03	1.86E-04	1.39E-04	0.00E+00
170	260447.7	4025641.88	1.06E-03	1.94E-04	1.45E-04	0.00E+00
171	260491.7	4025648.51	1.10E-03	2.02E-04	1.51E-04	0.00E+00
172	260535.7	4025655.15	1.14E-03	2.10E-04	1.56E-04	0.00E+00
173	260094.2	4025592.61	6.82E-04	1.25E-04	9.33E-05	0.00E+00
174	260071	4025593.13	6.63E-04	1.21E-04	9.06E-05	0.00E+00
175	260047.9	4025593.65	6.45E-04	1.18E-04	8.81E-05	0.00E+00
176	260024.7	4025594.17	6.27E-04	1.15E-04	8.57E-05	0.00E+00
177	260001.5	4025594.69	6.10E-04	1.12E-04	8.34E-05	0.00E+00
178	259978.3	4025595.22	5.94E-04	1.09E-04	8.11E-05	0.00E+00
179	259955.1	4025595.74	5.77E-04	1.06E-04	7.89E-05	0.00E+00
180	259931.9	4025596.26	5.61E-04	1.03E-04	7.67E-05	0.00E+00
181	260135	4025395.47	5.62E-04	1.03E-04	7.68E-05	0.00E+00

182	260179.2	4025402.13	5.96E-04	1.09E-04	8.14E-05	0.00E+00
183	260223.4	4025408.79	6.31E-04	1.16E-04	8.62E-05	0.00E+00
184	260267.5	4025415.45	6.66E-04	1.22E-04	9.11E-05	0.00E+00
185	260311.7	4025422.11	7.02E-04	1.29E-04	9.60E-05	0.00E+00
186	260355.9	4025428.77	7.38E-04	1.35E-04	1.01E-04	0.00E+00
187	260400.1	4025435.43	7.74E-04	1.42E-04	1.06E-04	0.00E+00
188	260444.3	4025442.09	8.08E-04	1.48E-04	1.10E-04	0.00E+00
189	260488.4	4025448.75	8.43E-04	1.54E-04	1.15E-04	0.00E+00
190	260532.6	4025455.41	8.78E-04	1.61E-04	1.20E-04	0.00E+00
191	260576.8	4025462.07	9.12E-04	1.67E-04	1.25E-04	0.00E+00
192	260089.7	4025392.66	5.32E-04	9.75E-05	7.27E-05	0.00E+00
193	260066.5	4025393.18	5.19E-04	9.49E-05	7.09E-05	0.00E+00
194	260043.4	4025393.7	5.06E-04	9.26E-05	6.91E-05	0.00E+00
195	260020.2	4025394.22	4.93E-04	9.03E-05	6.74E-05	0.00E+00
196	259997	4025394.75	4.81E-04	8.80E-05	6.57E-05	0.00E+00
197	259973.8	4025395.27	4.69E-04	8.58E-05	6.41E-05	0.00E+00
198	259950.6	4025395.79	4.57E-04	8.37E-05	6.24E-05	0.00E+00
199	259927.4	4025396.31	4.46E-04	8.16E-05	6.09E-05	0.00E+00
200	259936.5	4026919.72	2.54E-02	4.66E-03	3.47E-03	0.00E+00
201	259936.9	4026943.08	2.96E-02	5.42E-03	4.05E-03	0.00E+00
202	259937.3	4026966.44	3.43E-02	6.27E-03	4.68E-03	0.00E+00
203	259937.7	4026989.8	4.03E-02	7.37E-03	5.50E-03	0.00E+00
204	259938.1	4027013.16	4.92E-02	9.01E-03	6.73E-03	0.00E+00
205	259918.1	4026879.03	1.81E-02	3.31E-03	2.47E-03	0.00E+00
206	259911.5	4026920.14	2.25E-02	4.12E-03	3.08E-03	0.00E+00
207	259911.9	4026943.51	2.58E-02	4.72E-03	3.52E-03	0.00E+00
208	259912.3	4026966.87	2.99E-02	5.47E-03	4.08E-03	0.00E+00
209	259912.7	4026990.23	3.55E-02	6.50E-03	4.85E-03	0.00E+00
210	259913.1	4027013.59	4.43E-02	8.12E-03	6.06E-03	0.00E+00
211	259893.1	4026879.46	1.80E-02	3.30E-03	2.46E-03	0.00E+00
212	259924.5	4026836.29	1.47E-02	2.69E-03	2.01E-03	0.00E+00
213	259886.5	4026920.57	2.18E-02	3.99E-03	2.98E-03	0.00E+00
214	259886.9	4026943.93	2.46E-02	4.50E-03	3.36E-03	0.00E+00
215	259887.3	4026967.29	2.83E-02	5.18E-03	3.86E-03	0.00E+00
216	259887.7	4026990.66	3.38E-02	6.19E-03	4.62E-03	0.00E+00
217	259888.1	4027014.02	4.27E-02	7.83E-03	5.84E-03	0.00E+00
218	259868.1	4026879.88	1.86E-02	3.41E-03	2.55E-03	0.00E+00
219	259882.1	4026844.38	1.58E-02	2.90E-03	2.16E-03	0.00E+00
220	259906.5	4026818.96	1.38E-02	2.53E-03	1.89E-03	0.00E+00
221	259861.5	4026921	2.22E-02	4.06E-03	3.03E-03	0.00E+00
222	259861.9	4026944.36	2.46E-02	4.51E-03	3.37E-03	0.00E+00
223	259862.3	4026967.72	2.81E-02	5.14E-03	3.84E-03	0.00E+00
224	259862.7	4026991.08	3.33E-02	6.10E-03	4.55E-03	0.00E+00
225	259863.1	4027014.44	4.25E-02	7.79E-03	5.81E-03	0.00E+00
226	259819.5	4026877.19	2.20E-02	4.02E-03	3.00E-03	0.00E+00
227	259827.9	4026855.88	1.93E-02	3.53E-03	2.64E-03	0.00E+00
228	259836.3	4026834.58	1.70E-02	3.11E-03	2.32E-03	0.00E+00

229	259844.6	4026813.28	1.51E-02	2.76E-03	2.06E-03	0.00E+00
230	259873.9	4026782.78	1.25E-02	2.29E-03	1.71E-03	0.00E+00
231	259894.9	4026773.58	1.17E-02	2.15E-03	1.60E-03	0.00E+00
232	259915.9	4026764.37	1.11E-02	2.03E-03	1.52E-03	0.00E+00
233	259936.8	4026755.17	1.06E-02	1.93E-03	1.44E-03	0.00E+00
234	259811.6	4026921.85	2.64E-02	4.84E-03	3.61E-03	0.00E+00
235	259812	4026945.21	2.82E-02	5.16E-03	3.85E-03	0.00E+00
236	259812.4	4026968.57	3.08E-02	5.64E-03	4.21E-03	0.00E+00
237	259812.8	4026991.93	3.54E-02	6.48E-03	4.84E-03	0.00E+00
238	259813.1	4027015.3	4.32E-02	7.91E-03	5.91E-03	0.00E+00
239	259769.1	4026879.05	3.02E-02	5.54E-03	4.13E-03	0.00E+00
240	259785.1	4026838.48	2.01E-02	3.69E-03	2.75E-03	0.00E+00
241	259801	4026797.9	1.50E-02	2.74E-03	2.04E-03	0.00E+00
242	259836.9	4026748.57	1.11E-02	2.03E-03	1.52E-03	0.00E+00
243	259876.8	4026731.04	9.99E-03	1.83E-03	1.37E-03	0.00E+00
244	259916.7	4026713.51	9.12E-03	1.67E-03	1.25E-03	0.00E+00
245	259718.9	4026880.47	3.38E-02	6.19E-03	4.62E-03	0.00E+00
246	259734.4	4026841.02	2.15E-02	3.94E-03	2.94E-03	0.00E+00
247	259749.9	4026801.57	1.56E-02	2.85E-03	2.13E-03	0.00E+00
248	259765.4	4026762.13	1.20E-02	2.19E-03	1.63E-03	0.00E+00
249	259800.3	4026714.16	9.22E-03	1.69E-03	1.26E-03	0.00E+00
250	259839.1	4026697.12	8.60E-03	1.57E-03	1.18E-03	0.00E+00
251	259877.9	4026680.08	8.05E-03	1.47E-03	1.10E-03	0.00E+00
252	259916.7	4026663.03	7.53E-03	1.38E-03	1.03E-03	0.00E+00
253	259669.5	4026879.74	3.27E-02	5.99E-03	4.47E-03	0.00E+00
254	259677.9	4026858.44	2.49E-02	4.56E-03	3.41E-03	0.00E+00
255	259686.3	4026837.14	2.01E-02	3.67E-03	2.74E-03	0.00E+00
256	259694.6	4026815.84	1.67E-02	3.05E-03	2.28E-03	0.00E+00
257	259703	4026794.54	1.41E-02	2.59E-03	1.93E-03	0.00E+00
258	259711.4	4026773.24	1.22E-02	2.23E-03	1.66E-03	0.00E+00
259	259719.8	4026751.94	1.06E-02	1.95E-03	1.45E-03	0.00E+00
260	259728.1	4026730.63	9.36E-03	1.71E-03	1.28E-03	0.00E+00
261	259736.5	4026709.33	8.32E-03	1.52E-03	1.14E-03	0.00E+00
262	259765.8	4026678.83	7.33E-03	1.34E-03	1.00E-03	0.00E+00
263	259786.8	4026669.63	7.20E-03	1.32E-03	9.83E-04	0.00E+00
264	259807.7	4026660.42	7.05E-03	1.29E-03	9.63E-04	0.00E+00
265	259828.7	4026651.22	6.90E-03	1.26E-03	9.43E-04	0.00E+00
266	259849.6	4026642.02	6.74E-03	1.23E-03	9.21E-04	0.00E+00
267	259870.6	4026632.82	6.57E-03	1.20E-03	8.99E-04	0.00E+00
268	259891.5	4026623.61	6.40E-03	1.17E-03	8.75E-04	0.00E+00
269	259912.5	4026614.41	6.23E-03	1.14E-03	8.52E-04	0.00E+00
270	259933.4	4026605.21	6.07E-03	1.11E-03	8.29E-04	0.00E+00
271	259569.2	4026882.46	2.87E-02	5.25E-03	3.92E-03	0.00E+00
272	259585.1	4026841.89	1.74E-02	3.19E-03	2.38E-03	0.00E+00
273	259601	4026801.31	1.18E-02	2.15E-03	1.61E-03	0.00E+00
274	259617	4026760.74	8.67E-03	1.59E-03	1.19E-03	0.00E+00
275	259632.9	4026720.17	6.83E-03	1.25E-03	9.34E-04	0.00E+00

276	259648.9	4026679.59	5.54E-03	1.01E-03	7.57E-04	0.00E+00
277	259664.8	4026639.02	4.58E-03	8.39E-04	6.26E-04	0.00E+00
278	259692.7	4026609.97	4.29E-03	7.85E-04	5.86E-04	0.00E+00
279	259732.6	4026592.44	4.38E-03	8.03E-04	5.99E-04	0.00E+00
280	259772.5	4026574.91	4.43E-03	8.11E-04	6.05E-04	0.00E+00
281	259812.5	4026557.38	4.42E-03	8.10E-04	6.05E-04	0.00E+00
282	259852.4	4026539.85	4.39E-03	8.03E-04	5.99E-04	0.00E+00
283	259892.3	4026522.32	4.32E-03	7.90E-04	5.90E-04	0.00E+00
284	259485.8	4026841.8	9.20E-03	1.68E-03	1.26E-03	0.00E+00
285	259502.2	4026800.04	6.75E-03	1.24E-03	9.22E-04	0.00E+00
286	259518.6	4026758.27	5.28E-03	9.68E-04	7.22E-04	0.00E+00
287	259535	4026716.5	4.38E-03	8.01E-04	5.98E-04	0.00E+00
288	259543.2	4026695.62	4.02E-03	7.35E-04	5.49E-04	0.00E+00
289	259559.6	4026653.85	3.42E-03	6.26E-04	4.67E-04	0.00E+00
290	259576.1	4026612.08	2.95E-03	5.39E-04	4.03E-04	0.00E+00
291	259592.5	4026570.32	2.59E-03	4.75E-04	3.54E-04	0.00E+00
292	259621.2	4026540.41	2.49E-03	4.55E-04	3.40E-04	0.00E+00
293	259662.3	4026522.37	2.62E-03	4.79E-04	3.58E-04	0.00E+00
294	259703.4	4026504.32	2.75E-03	5.03E-04	3.76E-04	0.00E+00
295	259744.5	4026486.28	2.86E-03	5.23E-04	3.90E-04	0.00E+00
296	259785.6	4026468.23	2.94E-03	5.38E-04	4.02E-04	0.00E+00
297	259826.6	4026450.19	2.99E-03	5.48E-04	4.09E-04	0.00E+00
298	259867.7	4026432.14	3.02E-03	5.52E-04	4.12E-04	0.00E+00
299	259888.3	4026423.12	3.02E-03	5.53E-04	4.13E-04	0.00E+00
300	259378	4026863.56	4.84E-03	8.86E-04	6.61E-04	0.00E+00
301	259386.3	4026842.26	4.44E-03	8.13E-04	6.07E-04	0.00E+00
302	259394.7	4026820.95	4.07E-03	7.45E-04	5.56E-04	0.00E+00
303	259403.1	4026799.65	3.75E-03	6.87E-04	5.12E-04	0.00E+00
304	259411.4	4026778.35	3.47E-03	6.35E-04	4.74E-04	0.00E+00
305	259419.8	4026757.05	3.21E-03	5.88E-04	4.39E-04	0.00E+00
306	259428.2	4026735.75	2.98E-03	5.46E-04	4.08E-04	0.00E+00
307	259436.5	4026714.45	2.78E-03	5.09E-04	3.80E-04	0.00E+00
308	259444.9	4026693.15	2.61E-03	4.77E-04	3.56E-04	0.00E+00
309	259453.3	4026671.84	2.46E-03	4.50E-04	3.36E-04	0.00E+00
310	259461.6	4026650.54	2.32E-03	4.25E-04	3.17E-04	0.00E+00
311	259470	4026629.24	2.20E-03	4.03E-04	3.01E-04	0.00E+00
312	259478.4	4026607.94	2.09E-03	3.82E-04	2.85E-04	0.00E+00
313	259486.7	4026586.64	1.98E-03	3.63E-04	2.71E-04	0.00E+00
314	259495.1	4026565.34	1.89E-03	3.45E-04	2.58E-04	0.00E+00
315	259503.5	4026544.04	1.80E-03	3.29E-04	2.46E-04	0.00E+00
316	259511.8	4026522.74	1.71E-03	3.14E-04	2.34E-04	0.00E+00
317	259520.2	4026501.43	1.64E-03	3.00E-04	2.24E-04	0.00E+00
318	259549.5	4026470.93	1.60E-03	2.93E-04	2.19E-04	0.00E+00
319	259570.5	4026461.73	1.63E-03	2.99E-04	2.23E-04	0.00E+00
320	259591.4	4026452.53	1.67E-03	3.06E-04	2.28E-04	0.00E+00
321	259612.4	4026443.32	1.71E-03	3.14E-04	2.34E-04	0.00E+00
322	259633.3	4026434.12	1.76E-03	3.23E-04	2.41E-04	0.00E+00

323	259654.3	4026424.92	1.81E-03	3.32E-04	2.48E-04	0.00E+00
324	259675.2	4026415.71	1.86E-03	3.41E-04	2.54E-04	0.00E+00
325	259696.2	4026406.51	1.90E-03	3.49E-04	2.60E-04	0.00E+00
326	259717.2	4026397.31	1.95E-03	3.56E-04	2.66E-04	0.00E+00
327	259738.1	4026388.11	1.99E-03	3.64E-04	2.72E-04	0.00E+00
328	259759.1	4026378.9	2.02E-03	3.71E-04	2.77E-04	0.00E+00
329	259780	4026369.7	2.06E-03	3.77E-04	2.81E-04	0.00E+00
330	259801	4026360.5	2.09E-03	3.83E-04	2.86E-04	0.00E+00
331	259821.9	4026351.3	2.12E-03	3.88E-04	2.89E-04	0.00E+00
332	259842.9	4026342.09	2.14E-03	3.92E-04	2.93E-04	0.00E+00
333	259863.8	4026332.89	2.16E-03	3.96E-04	2.95E-04	0.00E+00
334	259884.8	4026323.69	2.18E-03	3.99E-04	2.98E-04	0.00E+00
335	259905.7	4026314.49	2.20E-03	4.02E-04	3.00E-04	0.00E+00
336	259926.7	4026305.28	2.21E-03	4.05E-04	3.02E-04	0.00E+00
337	259361.6	4026929.52	6.51E-03	1.19E-03	8.90E-04	0.00E+00
338	259362	4026952.88	7.62E-03	1.39E-03	1.04E-03	0.00E+00
339	259362.4	4026976.24	9.04E-03	1.66E-03	1.24E-03	0.00E+00
340	259362.8	4026999.61	1.12E-02	2.04E-03	1.53E-03	0.00E+00
341	259363.2	4027022.97	1.54E-02	2.82E-03	2.10E-03	0.00E+00
342	259269.7	4026886.25	3.20E-03	5.86E-04	4.37E-04	0.00E+00
343	259278.2	4026864.64	3.05E-03	5.58E-04	4.17E-04	0.00E+00
344	259286.7	4026843.03	2.90E-03	5.30E-04	3.96E-04	0.00E+00
345	259295.2	4026821.42	2.75E-03	5.03E-04	3.75E-04	0.00E+00
346	259303.7	4026799.81	2.59E-03	4.75E-04	3.54E-04	0.00E+00
347	259312.2	4026778.2	2.45E-03	4.48E-04	3.34E-04	0.00E+00
348	259320.7	4026756.59	2.31E-03	4.22E-04	3.15E-04	0.00E+00
349	259329.1	4026734.98	2.18E-03	3.98E-04	2.97E-04	0.00E+00
350	259337.6	4026713.37	2.05E-03	3.76E-04	2.81E-04	0.00E+00
351	259346.1	4026691.76	1.94E-03	3.56E-04	2.65E-04	0.00E+00
352	259354.6	4026670.15	1.84E-03	3.37E-04	2.52E-04	0.00E+00
353	259363.1	4026648.54	1.75E-03	3.21E-04	2.40E-04	0.00E+00
354	259371.6	4026626.93	1.67E-03	3.06E-04	2.29E-04	0.00E+00
355	259380.1	4026605.32	1.60E-03	2.93E-04	2.18E-04	0.00E+00
356	259388.6	4026583.71	1.53E-03	2.81E-04	2.10E-04	0.00E+00
357	259397.1	4026562.1	1.47E-03	2.69E-04	2.01E-04	0.00E+00
358	259405.5	4026540.49	1.41E-03	2.58E-04	1.93E-04	0.00E+00
359	259414	4026518.88	1.35E-03	2.48E-04	1.85E-04	0.00E+00
360	259422.5	4026497.27	1.30E-03	2.38E-04	1.77E-04	0.00E+00
361	259431	4026475.66	1.25E-03	2.28E-04	1.71E-04	0.00E+00
362	259439.5	4026454.05	1.20E-03	2.20E-04	1.64E-04	0.00E+00
363	259448	4026432.44	1.15E-03	2.11E-04	1.58E-04	0.00E+00
364	259477.7	4026401.5	1.13E-03	2.07E-04	1.55E-04	0.00E+00
365	259499	4026392.16	1.15E-03	2.11E-04	1.58E-04	0.00E+00
366	259520.2	4026382.83	1.18E-03	2.16E-04	1.61E-04	0.00E+00
367	259541.5	4026373.49	1.20E-03	2.20E-04	1.65E-04	0.00E+00
368	259562.8	4026364.15	1.23E-03	2.25E-04	1.68E-04	0.00E+00
369	259584	4026354.82	1.26E-03	2.30E-04	1.72E-04	0.00E+00

370	259605.3	4026345.48	1.29E-03	2.35E-04	1.76E-04	0.00E+00
371	259626.5	4026336.15	1.31E-03	2.41E-04	1.80E-04	0.00E+00
372	259647.8	4026326.81	1.34E-03	2.46E-04	1.84E-04	0.00E+00
373	259669.1	4026317.47	1.38E-03	2.52E-04	1.88E-04	0.00E+00
374	259690.3	4026308.14	1.41E-03	2.57E-04	1.92E-04	0.00E+00
375	259711.6	4026298.8	1.44E-03	2.63E-04	1.96E-04	0.00E+00
376	259732.8	4026289.47	1.47E-03	2.69E-04	2.00E-04	0.00E+00
377	259754.1	4026280.13	1.49E-03	2.74E-04	2.04E-04	0.00E+00
378	259775.3	4026270.79	1.52E-03	2.79E-04	2.08E-04	0.00E+00
379	259796.6	4026261.46	1.55E-03	2.83E-04	2.11E-04	0.00E+00
380	259817.9	4026252.12	1.57E-03	2.87E-04	2.14E-04	0.00E+00
381	259839.1	4026242.79	1.59E-03	2.91E-04	2.17E-04	0.00E+00
382	259860.4	4026233.45	1.61E-03	2.95E-04	2.20E-04	0.00E+00
383	259881.6	4026224.11	1.63E-03	2.99E-04	2.23E-04	0.00E+00
384	259902.9	4026214.78	1.65E-03	3.03E-04	2.26E-04	0.00E+00
385	259924.1	4026205.44	1.67E-03	3.06E-04	2.28E-04	0.00E+00
386	259261.6	4026931.23	3.66E-03	6.70E-04	5.00E-04	0.00E+00
387	259262	4026954.59	4.01E-03	7.34E-04	5.48E-04	0.00E+00
388	259262.4	4026977.95	4.41E-03	8.07E-04	6.02E-04	0.00E+00
389	259262.8	4027001.31	4.85E-03	8.87E-04	6.62E-04	0.00E+00
390	259263.2	4027024.67	5.32E-03	9.74E-04	7.27E-04	0.00E+00
391	259263.6	4027048.03	5.82E-03	1.07E-03	7.96E-04	0.00E+00
392	259069.6	4026889.97	1.78E-03	3.25E-04	2.43E-04	0.00E+00
393	259078	4026868.67	1.71E-03	3.14E-04	2.34E-04	0.00E+00
394	259086.4	4026847.37	1.66E-03	3.04E-04	2.27E-04	0.00E+00
395	259094.7	4026826.07	1.61E-03	2.95E-04	2.20E-04	0.00E+00
396	259103.1	4026804.77	1.56E-03	2.85E-04	2.13E-04	0.00E+00
397	259111.5	4026783.47	1.50E-03	2.75E-04	2.05E-04	0.00E+00
398	259119.8	4026762.16	1.45E-03	2.66E-04	1.98E-04	0.00E+00
399	259128.2	4026740.86	1.41E-03	2.58E-04	1.93E-04	0.00E+00
400	259136.6	4026719.56	1.37E-03	2.51E-04	1.87E-04	0.00E+00
401	259144.9	4026698.26	1.33E-03	2.43E-04	1.81E-04	0.00E+00
402	259153.3	4026676.96	1.28E-03	2.34E-04	1.75E-04	0.00E+00
403	259161.7	4026655.66	1.23E-03	2.25E-04	1.68E-04	0.00E+00
404	259170	4026634.36	1.18E-03	2.16E-04	1.61E-04	0.00E+00
405	259178.4	4026613.06	1.14E-03	2.09E-04	1.56E-04	0.00E+00
406	259186.8	4026591.75	1.10E-03	2.01E-04	1.50E-04	0.00E+00
407	259195.1	4026570.45	1.06E-03	1.94E-04	1.45E-04	0.00E+00
408	259203.5	4026549.15	1.02E-03	1.88E-04	1.40E-04	0.00E+00
409	259211.9	4026527.85	9.93E-04	1.82E-04	1.36E-04	0.00E+00
410	259220.2	4026506.55	9.62E-04	1.76E-04	1.32E-04	0.00E+00
411	259228.6	4026485.25	9.34E-04	1.71E-04	1.28E-04	0.00E+00
412	259237	4026463.95	9.03E-04	1.65E-04	1.23E-04	0.00E+00
413	259245.3	4026442.64	8.73E-04	1.60E-04	1.19E-04	0.00E+00
414	259253.7	4026421.34	8.48E-04	1.55E-04	1.16E-04	0.00E+00
415	259262.1	4026400.04	8.22E-04	1.50E-04	1.12E-04	0.00E+00
416	259270.5	4026378.74	8.01E-04	1.47E-04	1.09E-04	0.00E+00

417	259278.8	4026357.44	7.84E-04	1.44E-04	1.07E-04	0.00E+00
418	259287.2	4026336.14	7.70E-04	1.41E-04	1.05E-04	0.00E+00
419	259295.6	4026314.84	7.53E-04	1.38E-04	1.03E-04	0.00E+00
420	259303.9	4026293.54	7.34E-04	1.34E-04	1.00E-04	0.00E+00
421	259333.2	4026263.03	7.20E-04	1.32E-04	9.84E-05	0.00E+00
422	259354.2	4026253.83	7.26E-04	1.33E-04	9.92E-05	0.00E+00
423	259375.1	4026244.63	7.30E-04	1.34E-04	9.98E-05	0.00E+00
424	259396.1	4026235.42	7.34E-04	1.34E-04	1.00E-04	0.00E+00
425	259417.1	4026226.22	7.39E-04	1.35E-04	1.01E-04	0.00E+00
426	259438	4026217.02	7.46E-04	1.37E-04	1.02E-04	0.00E+00
427	259459	4026207.82	7.54E-04	1.38E-04	1.03E-04	0.00E+00
428	259479.9	4026198.61	7.61E-04	1.39E-04	1.04E-04	0.00E+00
429	259500.9	4026189.41	7.70E-04	1.41E-04	1.05E-04	0.00E+00
430	259521.8	4026180.21	7.81E-04	1.43E-04	1.07E-04	0.00E+00
431	259542.8	4026171.01	7.92E-04	1.45E-04	1.08E-04	0.00E+00
432	259563.7	4026161.8	8.06E-04	1.48E-04	1.10E-04	0.00E+00
433	259584.7	4026152.6	8.19E-04	1.50E-04	1.12E-04	0.00E+00
434	259605.6	4026143.4	8.34E-04	1.53E-04	1.14E-04	0.00E+00
435	259626.6	4026134.2	8.48E-04	1.55E-04	1.16E-04	0.00E+00
436	259647.6	4026124.99	8.62E-04	1.58E-04	1.18E-04	0.00E+00
437	259668.5	4026115.79	8.75E-04	1.60E-04	1.20E-04	0.00E+00
438	259689.5	4026106.59	8.88E-04	1.63E-04	1.21E-04	0.00E+00
439	259710.4	4026097.39	9.01E-04	1.65E-04	1.23E-04	0.00E+00
440	259731.4	4026088.18	9.16E-04	1.68E-04	1.25E-04	0.00E+00
441	259752.3	4026078.98	9.31E-04	1.70E-04	1.27E-04	0.00E+00
442	259773.3	4026069.78	9.46E-04	1.73E-04	1.29E-04	0.00E+00
443	259794.2	4026060.58	9.61E-04	1.76E-04	1.31E-04	0.00E+00
444	259815.2	4026051.37	9.75E-04	1.79E-04	1.33E-04	0.00E+00
445	259836.1	4026042.17	9.91E-04	1.81E-04	1.35E-04	0.00E+00
446	259857.1	4026032.97	1.01E-03	1.84E-04	1.38E-04	0.00E+00
447	259878	4026023.77	1.02E-03	1.87E-04	1.40E-04	0.00E+00
448	259899	4026014.56	1.04E-03	1.90E-04	1.42E-04	0.00E+00
449	259920	4026005.36	1.05E-03	1.93E-04	1.44E-04	0.00E+00
450	259061.7	4026934.64	1.93E-03	3.54E-04	2.64E-04	0.00E+00
451	259062.1	4026958	2.03E-03	3.71E-04	2.77E-04	0.00E+00
452	259062.5	4026981.36	2.13E-03	3.90E-04	2.91E-04	0.00E+00
453	259062.9	4027004.72	2.23E-03	4.09E-04	3.05E-04	0.00E+00
454	259063.3	4027028.08	2.34E-03	4.28E-04	3.20E-04	0.00E+00
455	259063.7	4027051.44	2.44E-03	4.47E-04	3.33E-04	0.00E+00
456	258869.8	4026892.99	1.26E-03	2.31E-04	1.73E-04	0.00E+00
457	258878.3	4026871.29	1.24E-03	2.27E-04	1.69E-04	0.00E+00
458	258886.9	4026849.6	1.21E-03	2.22E-04	1.66E-04	0.00E+00
459	258895.4	4026827.9	1.19E-03	2.17E-04	1.62E-04	0.00E+00
460	258903.9	4026806.2	1.15E-03	2.11E-04	1.58E-04	0.00E+00
461	258912.4	4026784.51	1.12E-03	2.05E-04	1.53E-04	0.00E+00
462	258921	4026762.81	1.09E-03	1.99E-04	1.49E-04	0.00E+00
463	258929.5	4026741.12	1.05E-03	1.93E-04	1.44E-04	0.00E+00

464	258938	4026719.42	1.02E-03	1.87E-04	1.40E-04	0.00E+00
465	258946.5	4026697.73	9.91E-04	1.81E-04	1.35E-04	0.00E+00
466	258955	4026676.03	9.63E-04	1.76E-04	1.32E-04	0.00E+00
467	258963.6	4026654.33	9.36E-04	1.71E-04	1.28E-04	0.00E+00
468	258972.1	4026632.64	9.10E-04	1.67E-04	1.24E-04	0.00E+00
469	258980.6	4026610.94	8.84E-04	1.62E-04	1.21E-04	0.00E+00
470	258989.1	4026589.25	8.58E-04	1.57E-04	1.17E-04	0.00E+00
471	258997.7	4026567.55	8.31E-04	1.52E-04	1.14E-04	0.00E+00
472	259006.2	4026545.85	8.05E-04	1.47E-04	1.10E-04	0.00E+00
473	259014.7	4026524.16	7.81E-04	1.43E-04	1.07E-04	0.00E+00
474	259023.2	4026502.46	7.58E-04	1.39E-04	1.04E-04	0.00E+00
475	259031.7	4026480.77	7.37E-04	1.35E-04	1.01E-04	0.00E+00
476	259040.3	4026459.07	7.17E-04	1.31E-04	9.80E-05	0.00E+00
477	259048.8	4026437.38	6.98E-04	1.28E-04	9.54E-05	0.00E+00
478	259057.3	4026415.68	6.81E-04	1.25E-04	9.31E-05	0.00E+00
479	259065.8	4026393.98	6.65E-04	1.22E-04	9.09E-05	0.00E+00
480	259074.4	4026372.29	6.50E-04	1.19E-04	8.88E-05	0.00E+00
481	259082.9	4026350.59	6.35E-04	1.16E-04	8.68E-05	0.00E+00
482	259091.4	4026328.9	6.21E-04	1.14E-04	8.49E-05	0.00E+00
483	259099.9	4026307.2	6.09E-04	1.12E-04	8.32E-05	0.00E+00
484	259108.4	4026285.51	5.98E-04	1.09E-04	8.17E-05	0.00E+00
485	259117	4026263.81	5.87E-04	1.08E-04	8.03E-05	0.00E+00
486	259125.5	4026242.11	5.76E-04	1.06E-04	7.88E-05	0.00E+00
487	259134	4026220.42	5.65E-04	1.03E-04	7.72E-05	0.00E+00
488	259142.5	4026198.72	5.55E-04	1.02E-04	7.58E-05	0.00E+00
489	259151.1	4026177.03	5.45E-04	9.98E-05	7.45E-05	0.00E+00
490	259159.6	4026155.33	5.37E-04	9.84E-05	7.34E-05	0.00E+00
491	259189.4	4026124.26	5.33E-04	9.75E-05	7.28E-05	0.00E+00
492	259210.8	4026114.89	5.35E-04	9.80E-05	7.32E-05	0.00E+00
493	259232.1	4026105.52	5.37E-04	9.84E-05	7.34E-05	0.00E+00
494	259253.5	4026096.14	5.39E-04	9.87E-05	7.37E-05	0.00E+00
495	259274.8	4026086.77	5.42E-04	9.92E-05	7.40E-05	0.00E+00
496	259296.2	4026077.4	5.44E-04	9.97E-05	7.44E-05	0.00E+00
497	259317.5	4026068.02	5.46E-04	1.00E-04	7.47E-05	0.00E+00
498	259338.8	4026058.65	5.49E-04	1.00E-04	7.50E-05	0.00E+00
499	259360.2	4026049.28	5.50E-04	1.01E-04	7.52E-05	0.00E+00
500	259381.5	4026039.91	5.52E-04	1.01E-04	7.55E-05	0.00E+00
501	259402.9	4026030.53	5.54E-04	1.02E-04	7.58E-05	0.00E+00
502	259424.2	4026021.16	5.56E-04	1.02E-04	7.61E-05	0.00E+00
503	259445.5	4026011.79	5.59E-04	1.02E-04	7.64E-05	0.00E+00
504	259466.9	4026002.41	5.62E-04	1.03E-04	7.68E-05	0.00E+00
505	259488.2	4025993.04	5.66E-04	1.04E-04	7.74E-05	0.00E+00
506	259509.6	4025983.67	5.71E-04	1.05E-04	7.80E-05	0.00E+00
507	259530.9	4025974.29	5.76E-04	1.05E-04	7.87E-05	0.00E+00
508	259552.3	4025964.92	5.81E-04	1.06E-04	7.95E-05	0.00E+00
509	259573.6	4025955.55	5.88E-04	1.08E-04	8.03E-05	0.00E+00
510	259594.9	4025946.18	5.94E-04	1.09E-04	8.12E-05	0.00E+00

511	259616.3	4025936.8	6.02E-04	1.10E-04	8.22E-05	0.00E+00
512	259637.6	4025927.43	6.09E-04	1.11E-04	8.32E-05	0.00E+00
513	259659	4025918.06	6.16E-04	1.13E-04	8.42E-05	0.00E+00
514	259680.3	4025908.68	6.24E-04	1.14E-04	8.53E-05	0.00E+00
515	259701.7	4025899.31	6.32E-04	1.16E-04	8.64E-05	0.00E+00
516	259723	4025889.94	6.40E-04	1.17E-04	8.75E-05	0.00E+00
517	259744.3	4025880.56	6.49E-04	1.19E-04	8.87E-05	0.00E+00
518	259765.7	4025871.19	6.59E-04	1.21E-04	9.01E-05	0.00E+00
519	259787	4025861.82	6.69E-04	1.23E-04	9.15E-05	0.00E+00
520	259808.4	4025852.45	6.80E-04	1.25E-04	9.29E-05	0.00E+00
521	259829.7	4025843.07	6.91E-04	1.27E-04	9.44E-05	0.00E+00
522	259851	4025833.7	7.02E-04	1.29E-04	9.59E-05	0.00E+00
523	259872.4	4025824.33	7.13E-04	1.31E-04	9.75E-05	0.00E+00
524	259893.7	4025814.95	7.24E-04	1.33E-04	9.90E-05	0.00E+00
525	259915.1	4025805.58	7.36E-04	1.35E-04	1.01E-04	0.00E+00
526	258861.3	4026914.68	1.28E-03	2.35E-04	1.75E-04	0.00E+00
527	258861.7	4026938.04	1.32E-03	2.42E-04	1.81E-04	0.00E+00
528	258862.1	4026961.41	1.37E-03	2.50E-04	1.87E-04	0.00E+00
529	258862.5	4026984.77	1.41E-03	2.59E-04	1.93E-04	0.00E+00
530	258862.9	4027008.13	1.46E-03	2.67E-04	1.99E-04	0.00E+00
531	258863.3	4027031.49	1.50E-03	2.74E-04	2.05E-04	0.00E+00
532	258863.7	4027054.85	1.54E-03	2.82E-04	2.10E-04	0.00E+00
533	258669.8	4026896.63	9.82E-04	1.80E-04	1.34E-04	0.00E+00
534	258678.2	4026875.16	9.70E-04	1.78E-04	1.33E-04	0.00E+00
535	258686.6	4026853.69	9.56E-04	1.75E-04	1.31E-04	0.00E+00
536	258695.1	4026832.23	9.40E-04	1.72E-04	1.29E-04	0.00E+00
537	258703.5	4026810.76	9.23E-04	1.69E-04	1.26E-04	0.00E+00
538	258711.9	4026789.29	9.04E-04	1.66E-04	1.24E-04	0.00E+00
539	258720.3	4026767.83	8.85E-04	1.62E-04	1.21E-04	0.00E+00
540	258728.8	4026746.36	8.65E-04	1.58E-04	1.18E-04	0.00E+00
541	258737.2	4026724.89	8.44E-04	1.55E-04	1.15E-04	0.00E+00
542	258745.6	4026703.43	8.26E-04	1.51E-04	1.13E-04	0.00E+00
543	258754.1	4026681.96	8.06E-04	1.48E-04	1.10E-04	0.00E+00
544	258762.5	4026660.5	7.87E-04	1.44E-04	1.07E-04	0.00E+00
545	258770.9	4026639.03	7.67E-04	1.41E-04	1.05E-04	0.00E+00
546	258779.4	4026617.56	7.50E-04	1.37E-04	1.02E-04	0.00E+00
547	258787.8	4026596.1	7.33E-04	1.34E-04	1.00E-04	0.00E+00
548	258796.2	4026574.63	7.14E-04	1.31E-04	9.76E-05	0.00E+00
549	258804.7	4026553.16	6.96E-04	1.27E-04	9.51E-05	0.00E+00
550	258813.1	4026531.7	6.77E-04	1.24E-04	9.25E-05	0.00E+00
551	258821.5	4026510.23	6.57E-04	1.20E-04	8.99E-05	0.00E+00
552	258830	4026488.76	6.39E-04	1.17E-04	8.73E-05	0.00E+00
553	258838.4	4026467.3	6.20E-04	1.14E-04	8.47E-05	0.00E+00
554	258846.8	4026445.83	6.01E-04	1.10E-04	8.22E-05	0.00E+00
555	258855.3	4026424.36	5.84E-04	1.07E-04	7.98E-05	0.00E+00
556	258863.7	4026402.9	5.68E-04	1.04E-04	7.77E-05	0.00E+00
557	258872.1	4026381.43	5.54E-04	1.01E-04	7.57E-05	0.00E+00

558	258880.6	4026359.97	5.41E-04	9.90E-05	7.39E-05	0.00E+00
559	258889	4026338.5	5.28E-04	9.66E-05	7.21E-05	0.00E+00
560	258897.4	4026317.03	5.16E-04	9.45E-05	7.06E-05	0.00E+00
561	258905.9	4026295.57	5.06E-04	9.26E-05	6.91E-05	0.00E+00
562	258914.3	4026274.1	4.96E-04	9.07E-05	6.77E-05	0.00E+00
563	258922.7	4026252.63	4.86E-04	8.90E-05	6.64E-05	0.00E+00
564	258931.2	4026231.17	4.78E-04	8.75E-05	6.53E-05	0.00E+00
565	258939.6	4026209.7	4.70E-04	8.61E-05	6.43E-05	0.00E+00
566	258948	4026188.23	4.62E-04	8.46E-05	6.32E-05	0.00E+00
567	258956.5	4026166.77	4.55E-04	8.34E-05	6.22E-05	0.00E+00
568	258964.9	4026145.3	4.49E-04	8.23E-05	6.14E-05	0.00E+00
569	258973.3	4026123.83	4.45E-04	8.14E-05	6.08E-05	0.00E+00
570	258981.7	4026102.37	4.39E-04	8.04E-05	6.00E-05	0.00E+00
571	258990.2	4026080.9	4.33E-04	7.93E-05	5.92E-05	0.00E+00
572	258998.6	4026059.44	4.28E-04	7.83E-05	5.85E-05	0.00E+00
573	259007	4026037.97	4.23E-04	7.75E-05	5.78E-05	0.00E+00
574	259015.5	4026016.5	4.19E-04	7.66E-05	5.72E-05	0.00E+00
575	259045	4025985.76	4.18E-04	7.66E-05	5.72E-05	0.00E+00
576	259066.1	4025976.49	4.22E-04	7.72E-05	5.76E-05	0.00E+00
577	259087.3	4025967.21	4.25E-04	7.78E-05	5.81E-05	0.00E+00
578	259108.4	4025957.94	4.27E-04	7.82E-05	5.83E-05	0.00E+00
579	259129.5	4025948.67	4.29E-04	7.86E-05	5.87E-05	0.00E+00
580	259150.6	4025939.39	4.31E-04	7.90E-05	5.89E-05	0.00E+00
581	259171.7	4025930.12	4.33E-04	7.93E-05	5.92E-05	0.00E+00
582	259192.8	4025920.84	4.34E-04	7.95E-05	5.94E-05	0.00E+00
583	259214	4025911.57	4.35E-04	7.97E-05	5.95E-05	0.00E+00
584	259235.1	4025902.3	4.36E-04	7.99E-05	5.96E-05	0.00E+00
585	259256.2	4025893.02	4.37E-04	8.00E-05	5.97E-05	0.00E+00
586	259277.3	4025883.75	4.38E-04	8.01E-05	5.98E-05	0.00E+00
587	259298.4	4025874.48	4.38E-04	8.02E-05	5.99E-05	0.00E+00
588	259319.5	4025865.2	4.39E-04	8.03E-05	5.99E-05	0.00E+00
589	259340.7	4025855.93	4.39E-04	8.03E-05	6.00E-05	0.00E+00
590	259361.8	4025846.65	4.39E-04	8.03E-05	6.00E-05	0.00E+00
591	259382.9	4025837.38	4.39E-04	8.04E-05	6.00E-05	0.00E+00
592	259404	4025828.11	4.40E-04	8.05E-05	6.01E-05	0.00E+00
593	259425.1	4025818.83	4.40E-04	8.06E-05	6.02E-05	0.00E+00
594	259446.2	4025809.56	4.41E-04	8.07E-05	6.02E-05	0.00E+00
595	259467.4	4025800.28	4.41E-04	8.08E-05	6.03E-05	0.00E+00
596	259488.5	4025791.01	4.42E-04	8.10E-05	6.05E-05	0.00E+00
597	259509.6	4025781.74	4.44E-04	8.13E-05	6.07E-05	0.00E+00
598	259530.7	4025772.46	4.46E-04	8.17E-05	6.10E-05	0.00E+00
599	259551.8	4025763.19	4.49E-04	8.21E-05	6.13E-05	0.00E+00
600	259572.9	4025753.91	4.52E-04	8.27E-05	6.17E-05	0.00E+00
601	259594.1	4025744.64	4.56E-04	8.34E-05	6.23E-05	0.00E+00
602	259615.2	4025735.37	4.60E-04	8.43E-05	6.29E-05	0.00E+00
603	259636.3	4025726.09	4.65E-04	8.51E-05	6.35E-05	0.00E+00
604	259657.4	4025716.82	4.70E-04	8.60E-05	6.42E-05	0.00E+00

605	259678.5	4025707.55	4.75E-04	8.70E-05	6.49E-05	0.00E+00
606	259699.6	4025698.27	4.81E-04	8.81E-05	6.58E-05	0.00E+00
607	259720.8	4025689	4.88E-04	8.93E-05	6.66E-05	0.00E+00
608	259741.9	4025679.72	4.94E-04	9.05E-05	6.75E-05	0.00E+00
609	259763	4025670.45	5.01E-04	9.17E-05	6.85E-05	0.00E+00
610	259784.1	4025661.18	5.08E-04	9.30E-05	6.94E-05	0.00E+00
611	259805.2	4025651.9	5.15E-04	9.43E-05	7.04E-05	0.00E+00
612	259826.3	4025642.63	5.22E-04	9.55E-05	7.13E-05	0.00E+00
613	259847.5	4025633.35	5.29E-04	9.69E-05	7.23E-05	0.00E+00
614	259868.6	4025624.08	5.37E-04	9.84E-05	7.34E-05	0.00E+00
615	259889.7	4025614.81	5.46E-04	9.99E-05	7.46E-05	0.00E+00
616	259910.8	4025605.53	5.53E-04	1.01E-04	7.56E-05	0.00E+00
617	258661.3	4026918.09	9.92E-04	1.82E-04	1.36E-04	0.00E+00
618	258661.7	4026941.45	1.01E-03	1.86E-04	1.38E-04	0.00E+00
619	258662.1	4026964.82	1.03E-03	1.89E-04	1.41E-04	0.00E+00
620	258662.5	4026988.18	1.06E-03	1.93E-04	1.44E-04	0.00E+00
621	258662.9	4027011.54	1.08E-03	1.97E-04	1.47E-04	0.00E+00
622	258663.3	4027034.9	1.10E-03	2.01E-04	1.50E-04	0.00E+00
623	258663.7	4027058.26	1.12E-03	2.05E-04	1.53E-04	0.00E+00
624	258469.9	4026899.77	7.94E-04	1.45E-04	1.08E-04	0.00E+00
625	258478.4	4026878.03	7.91E-04	1.45E-04	1.08E-04	0.00E+00
626	258487	4026856.29	7.85E-04	1.44E-04	1.07E-04	0.00E+00
627	258495.5	4026834.56	7.78E-04	1.43E-04	1.06E-04	0.00E+00
628	258504	4026812.82	7.70E-04	1.41E-04	1.05E-04	0.00E+00
629	258512.6	4026791.09	7.58E-04	1.39E-04	1.04E-04	0.00E+00
630	258521.1	4026769.35	7.46E-04	1.37E-04	1.02E-04	0.00E+00
631	258529.7	4026747.61	7.34E-04	1.34E-04	1.00E-04	0.00E+00
632	258538.2	4026725.88	7.24E-04	1.33E-04	9.90E-05	0.00E+00
633	258546.7	4026704.14	7.13E-04	1.31E-04	9.74E-05	0.00E+00
634	258555.3	4026682.41	7.00E-04	1.28E-04	9.56E-05	0.00E+00
635	258563.8	4026660.67	6.87E-04	1.26E-04	9.38E-05	0.00E+00
636	258572.3	4026638.93	6.73E-04	1.23E-04	9.20E-05	0.00E+00
637	258580.9	4026617.2	6.60E-04	1.21E-04	9.02E-05	0.00E+00
638	258589.4	4026595.46	6.47E-04	1.18E-04	8.84E-05	0.00E+00
639	258598	4026573.73	6.33E-04	1.16E-04	8.65E-05	0.00E+00
640	258606.5	4026551.99	6.20E-04	1.14E-04	8.47E-05	0.00E+00
641	258615	4026530.25	6.07E-04	1.11E-04	8.29E-05	0.00E+00
642	258623.6	4026508.52	5.93E-04	1.09E-04	8.10E-05	0.00E+00
643	258632.1	4026486.78	5.78E-04	1.06E-04	7.90E-05	0.00E+00
644	258640.7	4026465.05	5.64E-04	1.03E-04	7.71E-05	0.00E+00
645	258649.2	4026443.31	5.50E-04	1.01E-04	7.52E-05	0.00E+00
646	258657.7	4026421.57	5.36E-04	9.82E-05	7.33E-05	0.00E+00
647	258666.3	4026399.84	5.22E-04	9.56E-05	7.13E-05	0.00E+00
648	258674.8	4026378.1	5.08E-04	9.29E-05	6.94E-05	0.00E+00
649	258683.3	4026356.37	4.93E-04	9.03E-05	6.74E-05	0.00E+00
650	258691.9	4026334.63	4.79E-04	8.77E-05	6.55E-05	0.00E+00
651	258700.4	4026312.89	4.66E-04	8.52E-05	6.36E-05	0.00E+00

652	258709	4026291.16	4.53E-04	8.29E-05	6.19E-05	0.00E+00
653	258717.5	4026269.42	4.41E-04	8.07E-05	6.03E-05	0.00E+00
654	258726	4026247.69	4.29E-04	7.86E-05	5.87E-05	0.00E+00
655	258734.6	4026225.95	4.19E-04	7.66E-05	5.72E-05	0.00E+00
656	258743.1	4026204.21	4.08E-04	7.47E-05	5.58E-05	0.00E+00
657	258751.6	4026182.48	3.99E-04	7.31E-05	5.46E-05	0.00E+00
658	258760.2	4026160.74	3.92E-04	7.18E-05	5.36E-05	0.00E+00
659	258768.7	4026139.01	3.85E-04	7.05E-05	5.27E-05	0.00E+00
660	258777.3	4026117.27	3.79E-04	6.94E-05	5.18E-05	0.00E+00
661	258785.8	4026095.53	3.73E-04	6.84E-05	5.10E-05	0.00E+00
662	258794.3	4026073.8	3.69E-04	6.75E-05	5.04E-05	0.00E+00
663	258802.9	4026052.06	3.64E-04	6.67E-05	4.98E-05	0.00E+00
664	258811.4	4026030.33	3.60E-04	6.59E-05	4.92E-05	0.00E+00
665	258820	4026008.59	3.56E-04	6.52E-05	4.86E-05	0.00E+00
666	258828.5	4025986.85	3.52E-04	6.44E-05	4.81E-05	0.00E+00
667	258837	4025965.12	3.48E-04	6.38E-05	4.76E-05	0.00E+00
668	258845.6	4025943.38	3.45E-04	6.33E-05	4.72E-05	0.00E+00
669	258854.1	4025921.65	3.43E-04	6.29E-05	4.69E-05	0.00E+00
670	258862.6	4025899.91	3.41E-04	6.25E-05	4.66E-05	0.00E+00
671	258871.2	4025878.17	3.39E-04	6.21E-05	4.64E-05	0.00E+00
672	258901.1	4025847.05	3.40E-04	6.23E-05	4.65E-05	0.00E+00
673	258922.5	4025837.66	3.44E-04	6.30E-05	4.70E-05	0.00E+00
674	258943.9	4025828.27	3.48E-04	6.37E-05	4.75E-05	0.00E+00
675	258965.2	4025818.88	3.51E-04	6.43E-05	4.80E-05	0.00E+00
676	258986.6	4025809.49	3.54E-04	6.49E-05	4.84E-05	0.00E+00
677	259008	4025800.09	3.57E-04	6.53E-05	4.88E-05	0.00E+00
678	259029.4	4025790.7	3.59E-04	6.57E-05	4.91E-05	0.00E+00
679	259050.8	4025781.31	3.61E-04	6.61E-05	4.93E-05	0.00E+00
680	259072.2	4025771.92	3.62E-04	6.63E-05	4.95E-05	0.00E+00
681	259093.5	4025762.53	3.63E-04	6.65E-05	4.96E-05	0.00E+00
682	259114.9	4025753.14	3.64E-04	6.67E-05	4.98E-05	0.00E+00
683	259136.3	4025743.75	3.65E-04	6.67E-05	4.98E-05	0.00E+00
684	259157.7	4025734.36	3.65E-04	6.68E-05	4.99E-05	0.00E+00
685	259179.1	4025724.97	3.65E-04	6.68E-05	4.99E-05	0.00E+00
686	259200.4	4025715.58	3.65E-04	6.68E-05	4.99E-05	0.00E+00
687	259221.8	4025706.19	3.65E-04	6.67E-05	4.98E-05	0.00E+00
688	259243.2	4025696.8	3.65E-04	6.67E-05	4.98E-05	0.00E+00
689	259264.6	4025687.41	3.65E-04	6.68E-05	4.99E-05	0.00E+00
690	259286	4025678.02	3.65E-04	6.68E-05	4.99E-05	0.00E+00
691	259307.4	4025668.63	3.65E-04	6.67E-05	4.98E-05	0.00E+00
692	259328.7	4025659.24	3.64E-04	6.66E-05	4.97E-05	0.00E+00
693	259350.1	4025649.85	3.62E-04	6.63E-05	4.95E-05	0.00E+00
694	259371.5	4025640.46	3.61E-04	6.62E-05	4.94E-05	0.00E+00
695	259392.9	4025631.07	3.61E-04	6.61E-05	4.93E-05	0.00E+00
696	259414.3	4025621.68	3.60E-04	6.60E-05	4.92E-05	0.00E+00
697	259435.6	4025612.29	3.60E-04	6.60E-05	4.92E-05	0.00E+00
698	259457	4025602.9	3.60E-04	6.60E-05	4.92E-05	0.00E+00

699	259478.4	4025593.51	3.60E-04	6.60E-05	4.92E-05	0.00E+00
700	259499.8	4025584.12	3.61E-04	6.61E-05	4.93E-05	0.00E+00
701	259521.2	4025574.73	3.62E-04	6.62E-05	4.94E-05	0.00E+00
702	259542.6	4025565.34	3.63E-04	6.64E-05	4.96E-05	0.00E+00
703	259563.9	4025555.95	3.64E-04	6.67E-05	4.98E-05	0.00E+00
704	259585.3	4025546.55	3.66E-04	6.70E-05	5.00E-05	0.00E+00
705	259606.7	4025537.16	3.69E-04	6.75E-05	5.04E-05	0.00E+00
706	259628.1	4025527.77	3.72E-04	6.81E-05	5.08E-05	0.00E+00
707	259649.5	4025518.38	3.75E-04	6.87E-05	5.13E-05	0.00E+00
708	259670.8	4025508.99	3.79E-04	6.95E-05	5.19E-05	0.00E+00
709	259692.2	4025499.6	3.84E-04	7.03E-05	5.25E-05	0.00E+00
710	259713.6	4025490.21	3.89E-04	7.11E-05	5.31E-05	0.00E+00
711	259735	4025480.82	3.94E-04	7.21E-05	5.38E-05	0.00E+00
712	259756.4	4025471.43	3.99E-04	7.31E-05	5.46E-05	0.00E+00
713	259777.8	4025462.04	4.05E-04	7.41E-05	5.53E-05	0.00E+00
714	259799.1	4025452.65	4.11E-04	7.52E-05	5.61E-05	0.00E+00
715	259820.5	4025443.26	4.16E-04	7.62E-05	5.69E-05	0.00E+00
716	259841.9	4025433.87	4.22E-04	7.72E-05	5.76E-05	0.00E+00
717	259863.3	4025424.48	4.28E-04	7.83E-05	5.84E-05	0.00E+00
718	259884.7	4025415.09	4.33E-04	7.94E-05	5.92E-05	0.00E+00
719	259906	4025405.7	4.39E-04	8.05E-05	6.01E-05	0.00E+00
720	258461.4	4026921.5	7.98E-04	1.46E-04	1.09E-04	0.00E+00
721	258461.8	4026944.86	8.11E-04	1.48E-04	1.11E-04	0.00E+00
722	258462.1	4026968.23	8.23E-04	1.51E-04	1.12E-04	0.00E+00
723	258462.5	4026991.59	8.37E-04	1.53E-04	1.14E-04	0.00E+00
724	258462.9	4027014.95	8.48E-04	1.55E-04	1.16E-04	0.00E+00
725	258463.3	4027038.31	8.62E-04	1.58E-04	1.18E-04	0.00E+00
726	258463.7	4027061.67	8.79E-04	1.61E-04	1.20E-04	0.00E+00
727	259934.3	4026786.78	1.19E-02	2.18E-03	1.63E-03	0.00E+00
728	259843.6	4026789.17	1.35E-02	2.47E-03	1.84E-03	0.00E+00
729	259775.6	4026790.96	1.45E-02	2.65E-03	1.98E-03	0.00E+00
730	259910.3	4026737.4	1.00E-02	1.84E-03	1.37E-03	0.00E+00
731	259797	4026740.38	1.07E-02	1.95E-03	1.46E-03	0.00E+00
732	259774.3	4026740.98	1.06E-02	1.93E-03	1.44E-03	0.00E+00
733	259751.6	4026741.57	1.04E-02	1.90E-03	1.42E-03	0.00E+00
734	259930.3	4026636.84	6.82E-03	1.25E-03	9.32E-04	0.00E+00
735	259794.3	4026640.42	6.29E-03	1.15E-03	8.59E-04	0.00E+00
736	259771.7	4026641.01	6.08E-03	1.11E-03	8.32E-04	0.00E+00
737	259749	4026641.61	5.84E-03	1.07E-03	7.98E-04	0.00E+00
738	259950.4	4026536.27	4.79E-03	8.78E-04	6.55E-04	0.00E+00
739	259927.7	4026536.87	4.72E-03	8.64E-04	6.45E-04	0.00E+00
740	259791.7	4026540.45	3.95E-03	7.23E-04	5.40E-04	0.00E+00
741	259769	4026541.05	3.77E-03	6.91E-04	5.16E-04	0.00E+00
742	259746.4	4026541.64	3.59E-03	6.56E-04	4.90E-04	0.00E+00
743	259947.7	4026436.31	3.39E-03	6.21E-04	4.64E-04	0.00E+00
744	259925.1	4026436.9	3.31E-03	6.06E-04	4.53E-04	0.00E+00
745	259789.1	4026440.48	2.67E-03	4.89E-04	3.65E-04	0.00E+00

746	259766.4	4026441.08	2.55E-03	4.66E-04	3.48E-04	0.00E+00
747	259743.7	4026441.68	2.42E-03	4.43E-04	3.30E-04	0.00E+00
748	259945.1	4026336.34	2.49E-03	4.56E-04	3.40E-04	0.00E+00
749	259922.4	4026336.94	2.41E-03	4.42E-04	3.30E-04	0.00E+00
750	259786.4	4026340.52	1.90E-03	3.49E-04	2.60E-04	0.00E+00
751	259763.8	4026341.12	1.82E-03	3.33E-04	2.48E-04	0.00E+00
752	259741.1	4026341.71	1.73E-03	3.17E-04	2.37E-04	0.00E+00
753	259939.8	4026136.41	1.45E-03	2.65E-04	1.98E-04	0.00E+00
754	259917.2	4026137.01	1.40E-03	2.56E-04	1.91E-04	0.00E+00
755	259894.5	4026137.61	1.35E-03	2.47E-04	1.84E-04	0.00E+00
756	259871.8	4026138.2	1.30E-03	2.38E-04	1.77E-04	0.00E+00
757	259849.2	4026138.8	1.25E-03	2.29E-04	1.71E-04	0.00E+00
758	259826.5	4026139.4	1.20E-03	2.20E-04	1.64E-04	0.00E+00
759	259803.8	4026139.99	1.16E-03	2.12E-04	1.58E-04	0.00E+00
760	259781.2	4026140.59	1.11E-03	2.04E-04	1.52E-04	0.00E+00
761	259758.5	4026141.19	1.07E-03	1.96E-04	1.46E-04	0.00E+00
762	259735.9	4026141.78	1.03E-03	1.89E-04	1.41E-04	0.00E+00
763	259934.6	4025936.48	9.44E-04	1.73E-04	1.29E-04	0.00E+00
764	259911.9	4025937.08	9.14E-04	1.67E-04	1.25E-04	0.00E+00
765	259889.2	4025937.67	8.84E-04	1.62E-04	1.21E-04	0.00E+00
766	259866.6	4025938.27	8.55E-04	1.56E-04	1.17E-04	0.00E+00
767	259843.9	4025938.87	8.27E-04	1.51E-04	1.13E-04	0.00E+00
768	259821.2	4025939.46	7.99E-04	1.46E-04	1.09E-04	0.00E+00
769	259798.6	4025940.06	7.73E-04	1.42E-04	1.06E-04	0.00E+00
770	259775.9	4025940.66	7.48E-04	1.37E-04	1.02E-04	0.00E+00
771	259753.3	4025941.25	7.25E-04	1.33E-04	9.91E-05	0.00E+00
772	259730.6	4025941.85	7.03E-04	1.29E-04	9.61E-05	0.00E+00
773	259929.3	4025736.55	6.76E-04	1.24E-04	9.24E-05	0.00E+00
774	259906.6	4025737.15	6.57E-04	1.20E-04	8.98E-05	0.00E+00
775	259884	4025737.74	6.38E-04	1.17E-04	8.72E-05	0.00E+00
776	259861.3	4025738.34	6.20E-04	1.13E-04	8.47E-05	0.00E+00
777	259838.7	4025738.94	6.01E-04	1.10E-04	8.22E-05	0.00E+00
778	259816	4025739.53	5.84E-04	1.07E-04	7.99E-05	0.00E+00
779	259793.3	4025740.13	5.68E-04	1.04E-04	7.77E-05	0.00E+00
780	259770.7	4025740.73	5.53E-04	1.01E-04	7.55E-05	0.00E+00
781	259748	4025741.32	5.37E-04	9.84E-05	7.34E-05	0.00E+00
782	259725.3	4025741.92	5.23E-04	9.58E-05	7.15E-05	0.00E+00
783	259924.1	4025536.62	5.17E-04	9.46E-05	7.06E-05	0.00E+00
784	259901.4	4025537.22	5.04E-04	9.22E-05	6.88E-05	0.00E+00
785	259878.7	4025537.81	4.91E-04	8.99E-05	6.71E-05	0.00E+00
786	259856.1	4025538.41	4.78E-04	8.76E-05	6.54E-05	0.00E+00
787	259833.4	4025539.01	4.67E-04	8.55E-05	6.38E-05	0.00E+00
788	259810.7	4025539.6	4.56E-04	8.34E-05	6.23E-05	0.00E+00
789	259788.1	4025540.2	4.45E-04	8.14E-05	6.08E-05	0.00E+00
790	259765.4	4025540.8	4.34E-04	7.94E-05	5.93E-05	0.00E+00
791	259742.7	4025541.39	4.23E-04	7.75E-05	5.78E-05	0.00E+00
792	259720.1	4025541.99	4.13E-04	7.56E-05	5.64E-05	0.00E+00

793	260259.4	4027030.57	1.70E-02	3.11E-03	2.32E-03	0.00E+00
794	260258.9	4027007.71	1.70E-02	3.12E-03	2.33E-03	0.00E+00
795	260258.4	4026984.85	1.70E-02	3.11E-03	2.32E-03	0.00E+00
796	260257.9	4026961.98	1.69E-02	3.10E-03	2.31E-03	0.00E+00
797	260257.4	4026939.12	1.68E-02	3.07E-03	2.29E-03	0.00E+00
798	260256.9	4026916.26	1.66E-02	3.03E-03	2.26E-03	0.00E+00
799	260256.4	4026893.39	1.62E-02	2.97E-03	2.22E-03	0.00E+00
800	260359.4	4027028.4	9.57E-03	1.75E-03	1.31E-03	0.00E+00
801	260358.9	4027005.53	9.64E-03	1.77E-03	1.32E-03	0.00E+00
802	260358.4	4026982.67	9.70E-03	1.78E-03	1.33E-03	0.00E+00
803	260357.9	4026959.81	9.74E-03	1.78E-03	1.33E-03	0.00E+00
804	260357.4	4026936.94	9.74E-03	1.78E-03	1.33E-03	0.00E+00
805	260356.9	4026914.08	9.72E-03	1.78E-03	1.33E-03	0.00E+00
806	260356.4	4026891.22	9.67E-03	1.77E-03	1.32E-03	0.00E+00
807	260459.4	4027026.22	6.11E-03	1.12E-03	8.35E-04	0.00E+00
808	260458.9	4027003.35	6.21E-03	1.14E-03	8.48E-04	0.00E+00
809	260458.4	4026980.49	6.29E-03	1.15E-03	8.59E-04	0.00E+00
810	260457.9	4026957.63	6.36E-03	1.16E-03	8.69E-04	0.00E+00
811	260457.4	4026934.76	6.41E-03	1.17E-03	8.77E-04	0.00E+00
812	260456.9	4026911.9	6.46E-03	1.18E-03	8.82E-04	0.00E+00
813	260456.4	4026889.04	6.48E-03	1.19E-03	8.86E-04	0.00E+00
814	260659.3	4027021.86	2.86E-03	5.24E-04	3.91E-04	0.00E+00
815	260658.8	4026998.99	2.94E-03	5.39E-04	4.02E-04	0.00E+00
816	260658.3	4026976.13	3.03E-03	5.55E-04	4.14E-04	0.00E+00
817	260657.8	4026953.27	3.12E-03	5.71E-04	4.26E-04	0.00E+00
818	260657.3	4026930.4	3.20E-03	5.87E-04	4.38E-04	0.00E+00
819	260656.8	4026907.54	3.27E-03	5.98E-04	4.46E-04	0.00E+00
820	260656.3	4026884.68	3.33E-03	6.09E-04	4.54E-04	0.00E+00
821	260859.3	4027017.5	1.61E-03	2.95E-04	2.20E-04	0.00E+00
822	260858.8	4026994.64	1.66E-03	3.04E-04	2.27E-04	0.00E+00
823	260858.3	4026971.77	1.71E-03	3.14E-04	2.34E-04	0.00E+00
824	260857.8	4026948.91	1.77E-03	3.24E-04	2.42E-04	0.00E+00
825	260857.3	4026926.05	1.82E-03	3.34E-04	2.49E-04	0.00E+00
826	260856.8	4026903.18	1.87E-03	3.43E-04	2.56E-04	0.00E+00
827	260856.3	4026880.32	1.92E-03	3.51E-04	2.62E-04	0.00E+00
828	261059.2	4027013.14	1.04E-03	1.91E-04	1.43E-04	0.00E+00
829	261058.7	4026990.28	1.07E-03	1.96E-04	1.47E-04	0.00E+00
830	261058.2	4026967.42	1.10E-03	2.02E-04	1.51E-04	0.00E+00
831	261057.7	4026944.55	1.13E-03	2.08E-04	1.55E-04	0.00E+00
832	261057.2	4026921.69	1.16E-03	2.13E-04	1.59E-04	0.00E+00
833	261056.7	4026898.83	1.19E-03	2.19E-04	1.63E-04	0.00E+00
834	261056.2	4026875.96	1.23E-03	2.25E-04	1.68E-04	0.00E+00
835	261259.2	4027008.78	7.58E-04	1.39E-04	1.04E-04	0.00E+00
836	261258.7	4026985.92	7.74E-04	1.42E-04	1.06E-04	0.00E+00
837	261258.2	4026963.06	7.92E-04	1.45E-04	1.08E-04	0.00E+00
838	261257.7	4026940.19	8.11E-04	1.49E-04	1.11E-04	0.00E+00
839	261257.2	4026917.33	8.30E-04	1.52E-04	1.13E-04	0.00E+00

840	261256.7	4026894.47	8.48E-04	1.55E-04	1.16E-04	0.00E+00
841	261256.2	4026871.6	8.68E-04	1.59E-04	1.19E-04	0.00E+00
842	259796.1	4026879.73	2.56E-02	4.68E-03	3.50E-03	0.00E+00
843	259755	4026854.32	2.43E-02	4.45E-03	3.32E-03	0.00E+00
844	259754.2	4026829.33	1.94E-02	3.55E-03	2.65E-03	0.00E+00
845	259782.1	4026815.29	1.71E-02	3.13E-03	2.33E-03	0.00E+00
846	259810.9	4026826.23	1.75E-02	3.20E-03	2.39E-03	0.00E+00
847	259798	4026771.96	1.28E-02	2.34E-03	1.75E-03	0.00E+00
848	259766.2	4026710.47	8.76E-03	1.60E-03	1.20E-03	0.00E+00
849	259713.2	4026705.57	7.77E-03	1.42E-03	1.06E-03	0.00E+00
850	259863.1	4026697.95	8.68E-03	1.59E-03	1.19E-03	0.00E+00
851	259730.1	4026655.01	6.01E-03	1.10E-03	8.22E-04	0.00E+00
852	259763.6	4026610.76	5.15E-03	9.44E-04	7.04E-04	0.00E+00
853	259879.9	4026654.96	7.24E-03	1.33E-03	9.89E-04	0.00E+00
854	259977.3	4026719.03	9.06E-03	1.66E-03	1.24E-03	0.00E+00
855	259998.9	4026767.78	1.11E-02	2.03E-03	1.52E-03	0.00E+00
856	259760.7	4026510.93	3.27E-03	5.99E-04	4.47E-04	0.00E+00
857	259828.5	4026536.69	4.17E-03	7.63E-04	5.69E-04	0.00E+00
858	259879.3	4026556.01	4.84E-03	8.86E-04	6.62E-04	0.00E+00
859	259913.1	4026568.88	5.24E-03	9.59E-04	7.16E-04	0.00E+00
860	259757.7	4026411.06	2.25E-03	4.11E-04	3.07E-04	0.00E+00
861	259877.7	4026456.67	3.34E-03	6.11E-04	4.56E-04	0.00E+00
862	259912	4026469.7	3.65E-03	6.69E-04	4.99E-04	0.00E+00
863	260031.9	4026515.31	4.69E-03	8.59E-04	6.41E-04	0.00E+00
864	260066.2	4026528.34	4.97E-03	9.09E-04	6.79E-04	0.00E+00
865	260107.9	4026558.14	5.53E-03	1.01E-03	7.56E-04	0.00E+00
866	260137.6	4026625.19	6.95E-03	1.27E-03	9.50E-04	0.00E+00
867	260182.2	4026725.77	1.08E-02	1.97E-03	1.47E-03	0.00E+00
868	260197	4026759.29	1.27E-02	2.32E-03	1.74E-03	0.00E+00
869	260211.9	4026792.82	1.48E-02	2.70E-03	2.02E-03	0.00E+00
870	260226.7	4026826.34	1.64E-02	3.00E-03	2.24E-03	0.00E+00
871	260241.6	4026859.87	1.68E-02	3.08E-03	2.30E-03	0.00E+00
872	259754.7	4026311.16	1.63E-03	2.99E-04	2.23E-04	0.00E+00
873	259875.6	4026357.14	2.38E-03	4.36E-04	3.25E-04	0.00E+00
874	259910.2	4026370.27	2.62E-03	4.81E-04	3.59E-04	0.00E+00
875	260031.1	4026416.25	3.49E-03	6.39E-04	4.77E-04	0.00E+00
876	260065.6	4026429.38	3.73E-03	6.83E-04	5.10E-04	0.00E+00
877	260100.2	4026442.52	3.96E-03	7.26E-04	5.42E-04	0.00E+00
878	260134.7	4026455.65	4.19E-03	7.68E-04	5.73E-04	0.00E+00
879	260199.2	4026536.38	5.40E-03	9.89E-04	7.38E-04	0.00E+00
880	260214.2	4026570.17	6.00E-03	1.10E-03	8.20E-04	0.00E+00
881	260229.2	4026603.97	6.68E-03	1.22E-03	9.12E-04	0.00E+00
882	260244.1	4026637.76	7.45E-03	1.36E-03	1.02E-03	0.00E+00
883	260259.1	4026671.55	8.33E-03	1.52E-03	1.14E-03	0.00E+00
884	260274.1	4026705.35	9.20E-03	1.68E-03	1.26E-03	0.00E+00
885	260289	4026739.14	9.94E-03	1.82E-03	1.36E-03	0.00E+00
886	260304	4026772.94	1.04E-02	1.90E-03	1.42E-03	0.00E+00

887	260319	4026806.73	1.05E-02	1.92E-03	1.43E-03	0.00E+00
888	260333.9	4026840.52	1.03E-02	1.89E-03	1.41E-03	0.00E+00
889	259751	4026211.03	1.24E-03	2.28E-04	1.70E-04	0.00E+00
890	259784.6	4026223.8	1.37E-03	2.51E-04	1.87E-04	0.00E+00
891	259868.6	4026255.73	1.74E-03	3.18E-04	2.38E-04	0.00E+00
892	259902.2	4026268.5	1.91E-03	3.50E-04	2.61E-04	0.00E+00
893	260036.5	4026319.58	2.67E-03	4.88E-04	3.64E-04	0.00E+00
894	260070.1	4026332.35	2.86E-03	5.24E-04	3.91E-04	0.00E+00
895	260103.7	4026345.12	3.06E-03	5.60E-04	4.18E-04	0.00E+00
896	260137.3	4026357.9	3.25E-03	5.95E-04	4.44E-04	0.00E+00
897	260170.9	4026370.67	3.43E-03	6.29E-04	4.69E-04	0.00E+00
898	260221.3	4026389.82	3.70E-03	6.78E-04	5.06E-04	0.00E+00
899	260252.6	4026429.06	4.12E-03	7.55E-04	5.63E-04	0.00E+00
900	260267.2	4026461.92	4.49E-03	8.22E-04	6.13E-04	0.00E+00
901	260281.7	4026494.77	4.88E-03	8.94E-04	6.67E-04	0.00E+00
902	260296.3	4026527.63	5.31E-03	9.72E-04	7.26E-04	0.00E+00
903	260310.8	4026560.48	5.77E-03	1.06E-03	7.88E-04	0.00E+00
904	260325.4	4026593.34	6.24E-03	1.14E-03	8.53E-04	0.00E+00
905	260339.9	4026626.19	6.69E-03	1.23E-03	9.14E-04	0.00E+00
906	260354.5	4026659.05	7.08E-03	1.30E-03	9.68E-04	0.00E+00
907	260369	4026691.9	7.36E-03	1.35E-03	1.01E-03	0.00E+00
908	260383.6	4026724.76	7.49E-03	1.37E-03	1.02E-03	0.00E+00
909	260398.2	4026757.62	7.47E-03	1.37E-03	1.02E-03	0.00E+00
910	260412.7	4026790.47	7.32E-03	1.34E-03	1.00E-03	0.00E+00
911	260427.3	4026823.33	7.10E-03	1.30E-03	9.70E-04	0.00E+00
912	260441.8	4026856.18	6.82E-03	1.25E-03	9.32E-04	0.00E+00
913	259715.7	4026205.24	1.15E-03	2.10E-04	1.57E-04	0.00E+00
914	259744.9	4026011.23	8.08E-04	1.48E-04	1.10E-04	0.00E+00
915	259779	4026024.19	8.73E-04	1.60E-04	1.19E-04	0.00E+00
916	259864.2	4026056.6	1.07E-03	1.96E-04	1.46E-04	0.00E+00
917	259898.3	4026069.56	1.16E-03	2.13E-04	1.59E-04	0.00E+00
918	259932.4	4026082.52	1.26E-03	2.31E-04	1.73E-04	0.00E+00
919	259966.5	4026095.49	1.37E-03	2.51E-04	1.88E-04	0.00E+00
920	260000.6	4026108.45	1.49E-03	2.73E-04	2.03E-04	0.00E+00
921	260034.7	4026121.41	1.61E-03	2.95E-04	2.20E-04	0.00E+00
922	260068.8	4026134.38	1.74E-03	3.19E-04	2.38E-04	0.00E+00
923	260102.9	4026147.34	1.87E-03	3.43E-04	2.56E-04	0.00E+00
924	260137	4026160.3	2.01E-03	3.68E-04	2.74E-04	0.00E+00
925	260171.1	4026173.26	2.14E-03	3.92E-04	2.93E-04	0.00E+00
926	260222.2	4026192.71	2.35E-03	4.30E-04	3.21E-04	0.00E+00
927	260341.5	4026238.08	2.76E-03	5.06E-04	3.77E-04	0.00E+00
928	260383	4026267.72	2.96E-03	5.42E-04	4.04E-04	0.00E+00
929	260397.8	4026301.06	3.16E-03	5.79E-04	4.32E-04	0.00E+00
930	260412.6	4026334.41	3.37E-03	6.18E-04	4.61E-04	0.00E+00
931	260427.3	4026367.76	3.59E-03	6.56E-04	4.90E-04	0.00E+00
932	260442.1	4026401.11	3.79E-03	6.95E-04	5.19E-04	0.00E+00
933	260456.9	4026434.46	4.00E-03	7.32E-04	5.46E-04	0.00E+00

934	260471.7	4026467.81	4.19E-03	7.66E-04	5.72E-04	0.00E+00
935	260486.4	4026501.16	4.35E-03	7.96E-04	5.94E-04	0.00E+00
936	260501.2	4026534.51	4.48E-03	8.20E-04	6.12E-04	0.00E+00
937	260516	4026567.86	4.56E-03	8.35E-04	6.23E-04	0.00E+00
938	260530.8	4026601.21	4.59E-03	8.41E-04	6.27E-04	0.00E+00
939	260545.5	4026634.56	4.57E-03	8.36E-04	6.24E-04	0.00E+00
940	260560.3	4026667.91	4.50E-03	8.23E-04	6.14E-04	0.00E+00
941	260575.1	4026701.26	4.38E-03	8.02E-04	5.99E-04	0.00E+00
942	260589.8	4026734.61	4.24E-03	7.76E-04	5.79E-04	0.00E+00
943	260604.6	4026767.96	4.07E-03	7.45E-04	5.56E-04	0.00E+00
944	260619.4	4026801.3	3.88E-03	7.10E-04	5.30E-04	0.00E+00
945	260634.2	4026834.65	3.67E-03	6.71E-04	5.01E-04	0.00E+00
946	259709.4	4026005.34	7.59E-04	1.39E-04	1.04E-04	0.00E+00
947	259738.7	4025811.39	5.83E-04	1.07E-04	7.96E-05	0.00E+00
948	259773.1	4025824.48	6.21E-04	1.14E-04	8.49E-05	0.00E+00
949	259859.2	4025857.2	7.37E-04	1.35E-04	1.01E-04	0.00E+00
950	259893.6	4025870.29	7.91E-04	1.45E-04	1.08E-04	0.00E+00
951	259928	4025883.38	8.51E-04	1.56E-04	1.16E-04	0.00E+00
952	259962.4	4025896.47	9.15E-04	1.68E-04	1.25E-04	0.00E+00
953	259996.9	4025909.55	9.85E-04	1.80E-04	1.35E-04	0.00E+00
954	260031.3	4025922.64	1.06E-03	1.94E-04	1.45E-04	0.00E+00
955	260065.7	4025935.73	1.14E-03	2.09E-04	1.56E-04	0.00E+00
956	260100.1	4025948.82	1.23E-03	2.24E-04	1.67E-04	0.00E+00
957	260134.5	4025961.91	1.31E-03	2.40E-04	1.79E-04	0.00E+00
958	260169	4025974.99	1.41E-03	2.58E-04	1.92E-04	0.00E+00
959	260341.1	4026040.43	1.88E-03	3.44E-04	2.57E-04	0.00E+00
960	260375.5	4026053.52	1.96E-03	3.59E-04	2.68E-04	0.00E+00
961	260409.9	4026066.61	2.04E-03	3.74E-04	2.79E-04	0.00E+00
962	260444.4	4026079.7	2.12E-03	3.88E-04	2.89E-04	0.00E+00
963	260478.8	4026092.79	2.18E-03	4.00E-04	2.99E-04	0.00E+00
964	260520.7	4026122.71	2.31E-03	4.22E-04	3.15E-04	0.00E+00
965	260535.6	4026156.38	2.44E-03	4.46E-04	3.33E-04	0.00E+00
966	260550.5	4026190.05	2.56E-03	4.69E-04	3.50E-04	0.00E+00
967	260565.4	4026223.72	2.68E-03	4.91E-04	3.67E-04	0.00E+00
968	260580.3	4026257.4	2.80E-03	5.12E-04	3.82E-04	0.00E+00
969	260595.2	4026291.07	2.91E-03	5.32E-04	3.97E-04	0.00E+00
970	260610.2	4026324.74	3.00E-03	5.50E-04	4.10E-04	0.00E+00
971	260625.1	4026358.41	3.08E-03	5.65E-04	4.21E-04	0.00E+00
972	260640	4026392.08	3.15E-03	5.76E-04	4.30E-04	0.00E+00
973	260654.9	4026425.75	3.18E-03	5.83E-04	4.35E-04	0.00E+00
974	260669.8	4026459.43	3.20E-03	5.85E-04	4.37E-04	0.00E+00
975	260684.7	4026493.1	3.18E-03	5.83E-04	4.35E-04	0.00E+00
976	260699.7	4026526.77	3.14E-03	5.76E-04	4.30E-04	0.00E+00
977	260714.6	4026560.44	3.08E-03	5.65E-04	4.21E-04	0.00E+00
978	260729.5	4026594.11	3.01E-03	5.50E-04	4.11E-04	0.00E+00
979	260744.4	4026627.78	2.91E-03	5.33E-04	3.98E-04	0.00E+00
980	260759.3	4026661.45	2.80E-03	5.12E-04	3.82E-04	0.00E+00

981	260774.2	4026695.13	2.68E-03	4.91E-04	3.67E-04	0.00E+00
982	260789.2	4026728.8	2.55E-03	4.67E-04	3.49E-04	0.00E+00
983	260804.1	4026762.47	2.42E-03	4.42E-04	3.30E-04	0.00E+00
984	260819	4026796.14	2.27E-03	4.16E-04	3.11E-04	0.00E+00
985	260833.9	4026829.81	2.13E-03	3.90E-04	2.91E-04	0.00E+00
986	259703	4025805.44	5.53E-04	1.01E-04	7.56E-05	0.00E+00
987	259732.1	4025611.42	4.51E-04	8.26E-05	6.16E-05	0.00E+00
988	259766.1	4025624.36	4.76E-04	8.71E-05	6.51E-05	0.00E+00
989	259851.2	4025656.7	5.48E-04	1.00E-04	7.48E-05	0.00E+00
990	259885.2	4025669.63	5.82E-04	1.07E-04	7.95E-05	0.00E+00
991	259919.2	4025682.57	6.19E-04	1.13E-04	8.46E-05	0.00E+00
992	259953.3	4025695.51	6.58E-04	1.20E-04	8.99E-05	0.00E+00
993	259987.3	4025708.44	7.00E-04	1.28E-04	9.57E-05	0.00E+00
994	260021.3	4025721.38	7.47E-04	1.37E-04	1.02E-04	0.00E+00
995	260055.3	4025734.32	7.98E-04	1.46E-04	1.09E-04	0.00E+00
996	260089.4	4025747.25	8.50E-04	1.56E-04	1.16E-04	0.00E+00
997	260123.4	4025760.19	9.08E-04	1.66E-04	1.24E-04	0.00E+00
998	260157.4	4025773.13	9.68E-04	1.77E-04	1.32E-04	0.00E+00
999	260208.5	4025792.53	1.06E-03	1.95E-04	1.45E-04	0.00E+00
1000	260344.6	4025844.28	1.33E-03	2.44E-04	1.82E-04	0.00E+00
1001	260378.6	4025857.22	1.40E-03	2.56E-04	1.91E-04	0.00E+00
1002	260412.6	4025870.15	1.46E-03	2.68E-04	2.00E-04	0.00E+00
1003	260446.6	4025883.09	1.52E-03	2.79E-04	2.08E-04	0.00E+00
1004	260480.7	4025896.02	1.58E-03	2.89E-04	2.16E-04	0.00E+00
1005	260514.7	4025908.96	1.63E-03	2.98E-04	2.23E-04	0.00E+00
1006	260548.7	4025921.9	1.69E-03	3.09E-04	2.31E-04	0.00E+00
1007	260582.7	4025934.83	1.74E-03	3.19E-04	2.38E-04	0.00E+00
1008	260616.8	4025947.77	1.78E-03	3.27E-04	2.44E-04	0.00E+00
1009	260658.2	4025977.35	1.86E-03	3.41E-04	2.55E-04	0.00E+00
1010	260672.9	4026010.63	1.95E-03	3.56E-04	2.66E-04	0.00E+00
1011	260687.6	4026043.91	2.03E-03	3.71E-04	2.77E-04	0.00E+00
1012	260702.4	4026077.19	2.10E-03	3.85E-04	2.87E-04	0.00E+00
1013	260717.1	4026110.48	2.17E-03	3.98E-04	2.97E-04	0.00E+00
1014	260731.9	4026143.76	2.24E-03	4.10E-04	3.06E-04	0.00E+00
1015	260746.6	4026177.04	2.29E-03	4.20E-04	3.13E-04	0.00E+00
1016	260761.4	4026210.32	2.34E-03	4.28E-04	3.20E-04	0.00E+00
1017	260776.1	4026243.6	2.37E-03	4.35E-04	3.25E-04	0.00E+00
1018	260790.8	4026276.89	2.40E-03	4.39E-04	3.28E-04	0.00E+00
1019	260805.6	4026310.17	2.41E-03	4.41E-04	3.29E-04	0.00E+00
1020	260820.3	4026343.45	2.40E-03	4.40E-04	3.28E-04	0.00E+00
1021	260835.1	4026376.73	2.38E-03	4.36E-04	3.26E-04	0.00E+00
1022	260849.8	4026410.01	2.35E-03	4.30E-04	3.21E-04	0.00E+00
1023	260864.6	4026443.3	2.30E-03	4.22E-04	3.15E-04	0.00E+00
1024	260879.3	4026476.58	2.25E-03	4.12E-04	3.07E-04	0.00E+00
1025	260894.1	4026509.86	2.18E-03	3.99E-04	2.98E-04	0.00E+00
1026	260908.8	4026543.14	2.11E-03	3.86E-04	2.88E-04	0.00E+00
1027	260923.5	4026576.42	2.03E-03	3.71E-04	2.77E-04	0.00E+00

1028	260938.3	4026609.71	1.95E-03	3.56E-04	2.66E-04	0.00E+00
1029	260953	4026642.99	1.86E-03	3.40E-04	2.54E-04	0.00E+00
1030	260967.8	4026676.27	1.77E-03	3.23E-04	2.41E-04	0.00E+00
1031	260982.5	4026709.55	1.68E-03	3.07E-04	2.29E-04	0.00E+00
1032	260997.3	4026742.83	1.58E-03	2.89E-04	2.16E-04	0.00E+00
1033	261012	4026776.12	1.48E-03	2.71E-04	2.02E-04	0.00E+00
1034	261026.7	4026809.4	1.39E-03	2.55E-04	1.90E-04	0.00E+00
1035	261041.5	4026842.68	1.31E-03	2.39E-04	1.79E-04	0.00E+00
1036	259696.6	4025605.54	4.31E-04	7.88E-05	5.89E-05	0.00E+00
1037	259725.8	4025411.57	3.65E-04	6.68E-05	4.99E-05	0.00E+00
1038	259760.1	4025424.6	3.83E-04	7.01E-05	5.23E-05	0.00E+00
1039	259845.8	4025457.18	4.34E-04	7.94E-05	5.93E-05	0.00E+00
1040	259880.1	4025470.21	4.56E-04	8.36E-05	6.24E-05	0.00E+00
1041	259914.4	4025483.24	4.81E-04	8.81E-05	6.58E-05	0.00E+00
1042	259948.6	4025496.27	5.08E-04	9.29E-05	6.94E-05	0.00E+00
1043	259982.9	4025509.3	5.36E-04	9.82E-05	7.33E-05	0.00E+00
1044	260017.2	4025522.34	5.67E-04	1.04E-04	7.75E-05	0.00E+00
1045	260051.5	4025535.37	6.01E-04	1.10E-04	8.22E-05	0.00E+00
1046	260085.7	4025548.4	6.38E-04	1.17E-04	8.71E-05	0.00E+00
1047	260120	4025561.43	6.77E-04	1.24E-04	9.25E-05	0.00E+00
1048	260154.3	4025574.46	7.17E-04	1.31E-04	9.80E-05	0.00E+00
1049	260205.7	4025594.01	7.81E-04	1.43E-04	1.07E-04	0.00E+00
1050	260291.4	4025626.59	9.02E-04	1.65E-04	1.23E-04	0.00E+00
1051	260342.8	4025646.13	9.75E-04	1.79E-04	1.33E-04	0.00E+00
1052	260377.1	4025659.16	1.03E-03	1.88E-04	1.40E-04	0.00E+00
1053	260411.3	4025672.2	1.08E-03	1.97E-04	1.47E-04	0.00E+00
1054	260445.6	4025685.23	1.13E-03	2.06E-04	1.54E-04	0.00E+00
1055	260479.9	4025698.26	1.17E-03	2.15E-04	1.61E-04	0.00E+00
1056	260514.2	4025711.29	1.22E-03	2.24E-04	1.67E-04	0.00E+00
1057	260548.4	4025724.32	1.27E-03	2.32E-04	1.73E-04	0.00E+00
1058	260582.7	4025737.35	1.31E-03	2.40E-04	1.79E-04	0.00E+00
1059	260617	4025750.38	1.35E-03	2.48E-04	1.85E-04	0.00E+00
1060	260651.3	4025763.42	1.39E-03	2.55E-04	1.90E-04	0.00E+00
1061	260685.5	4025776.45	1.43E-03	2.62E-04	1.95E-04	0.00E+00
1062	260719.8	4025789.48	1.46E-03	2.68E-04	2.00E-04	0.00E+00
1063	260754.1	4025802.51	1.49E-03	2.74E-04	2.04E-04	0.00E+00
1064	260795.8	4025832.3	1.55E-03	2.84E-04	2.12E-04	0.00E+00
1065	260810.6	4025865.83	1.61E-03	2.94E-04	2.20E-04	0.00E+00
1066	260825.5	4025899.36	1.66E-03	3.04E-04	2.27E-04	0.00E+00
1067	260840.3	4025932.88	1.71E-03	3.14E-04	2.34E-04	0.00E+00
1068	260855.2	4025966.41	1.76E-03	3.22E-04	2.40E-04	0.00E+00
1069	260870	4025999.93	1.80E-03	3.30E-04	2.46E-04	0.00E+00
1070	260884.9	4026033.46	1.84E-03	3.36E-04	2.51E-04	0.00E+00
1071	260899.7	4026066.98	1.87E-03	3.42E-04	2.55E-04	0.00E+00
1072	260914.6	4026100.51	1.89E-03	3.46E-04	2.58E-04	0.00E+00
1073	260929.4	4026134.04	1.91E-03	3.49E-04	2.60E-04	0.00E+00
1074	260944.3	4026167.56	1.91E-03	3.50E-04	2.61E-04	0.00E+00

1075	260959.1	4026201.09	1.91E-03	3.49E-04	2.61E-04	0.00E+00
1076	260974	4026234.61	1.89E-03	3.47E-04	2.59E-04	0.00E+00
1077	260988.9	4026268.14	1.87E-03	3.43E-04	2.56E-04	0.00E+00
1078	261003.7	4026301.67	1.84E-03	3.37E-04	2.52E-04	0.00E+00
1079	261018.6	4026335.19	1.80E-03	3.30E-04	2.46E-04	0.00E+00
1080	261033.4	4026368.72	1.76E-03	3.22E-04	2.40E-04	0.00E+00
1081	261048.3	4026402.24	1.71E-03	3.12E-04	2.33E-04	0.00E+00
1082	261063.1	4026435.77	1.65E-03	3.02E-04	2.25E-04	0.00E+00
1083	261078	4026469.29	1.59E-03	2.92E-04	2.18E-04	0.00E+00
1084	261092.8	4026502.82	1.54E-03	2.81E-04	2.10E-04	0.00E+00
1085	261107.7	4026536.35	1.47E-03	2.70E-04	2.01E-04	0.00E+00
1086	261122.5	4026569.87	1.41E-03	2.58E-04	1.93E-04	0.00E+00
1087	261137.4	4026603.4	1.35E-03	2.46E-04	1.84E-04	0.00E+00
1088	261152.2	4026636.92	1.28E-03	2.34E-04	1.75E-04	0.00E+00
1089	261167.1	4026670.45	1.21E-03	2.22E-04	1.66E-04	0.00E+00
1090	261181.9	4026703.97	1.15E-03	2.11E-04	1.57E-04	0.00E+00
1091	261196.8	4026737.5	1.09E-03	1.99E-04	1.48E-04	0.00E+00
1092	261211.6	4026771.03	1.03E-03	1.88E-04	1.40E-04	0.00E+00
1093	261226.5	4026804.55	9.70E-04	1.78E-04	1.33E-04	0.00E+00
1094	261241.3	4026838.08	9.17E-04	1.68E-04	1.25E-04	0.00E+00
1095	259690.2	4025405.64	3.51E-04	6.42E-05	4.79E-05	0.00E+00
1096	259694.2	4026881.02	3.39E-02	6.20E-03	4.63E-03	0.00E+00
1097	259644.5	4026882.1	3.33E-02	6.10E-03	4.55E-03	0.00E+00
1098	259619.7	4026882.65	3.27E-02	5.98E-03	4.47E-03	0.00E+00
1099	259644	4026857.11	2.40E-02	4.39E-03	3.28E-03	0.00E+00
1100	259619.1	4026857.65	2.32E-02	4.25E-03	3.17E-03	0.00E+00
1101	259569.5	4026858.74	2.03E-02	3.72E-03	2.77E-03	0.00E+00
1102	259544.6	4026859.28	1.82E-02	3.34E-03	2.49E-03	0.00E+00
1103	259519.8	4026859.82	1.57E-02	2.88E-03	2.15E-03	0.00E+00
1104	259470.1	4026860.91	9.99E-03	1.83E-03	1.37E-03	0.00E+00
1105	259445.3	4026861.45	7.76E-03	1.42E-03	1.06E-03	0.00E+00
1106	259643.4	4026832.12	1.82E-02	3.33E-03	2.48E-03	0.00E+00
1107	259618.6	4026832.66	1.73E-02	3.17E-03	2.36E-03	0.00E+00
1108	259544.1	4026834.29	1.31E-02	2.40E-03	1.79E-03	0.00E+00
1109	259519.3	4026834.83	1.12E-02	2.05E-03	1.53E-03	0.00E+00
1110	259444.8	4026836.46	6.14E-03	1.12E-03	8.39E-04	0.00E+00
1111	259667.7	4026806.58	1.48E-02	2.71E-03	2.02E-03	0.00E+00
1112	259642.9	4026807.12	1.39E-02	2.55E-03	1.90E-03	0.00E+00
1113	259568.4	4026808.75	1.11E-02	2.03E-03	1.52E-03	0.00E+00
1114	259543.5	4026809.29	9.79E-03	1.79E-03	1.34E-03	0.00E+00
1115	259469	4026810.92	5.87E-03	1.08E-03	8.03E-04	0.00E+00
1116	259444.2	4026811.46	5.02E-03	9.19E-04	6.86E-04	0.00E+00
1117	259691.5	4026756.05	1.04E-02	1.90E-03	1.42E-03	0.00E+00
1118	259666.6	4026756.59	9.85E-03	1.80E-03	1.35E-03	0.00E+00
1119	259641.8	4026757.13	9.18E-03	1.68E-03	1.26E-03	0.00E+00
1120	259592.1	4026758.22	7.73E-03	1.42E-03	1.06E-03	0.00E+00
1121	259567.3	4026758.76	6.94E-03	1.27E-03	9.48E-04	0.00E+00

1122	259542.5	4026759.3	6.11E-03	1.12E-03	8.35E-04	0.00E+00
1123	259492.8	4026760.39	4.62E-03	8.46E-04	6.31E-04	0.00E+00
1124	259468	4026760.93	4.06E-03	7.44E-04	5.55E-04	0.00E+00
1125	259443.1	4026761.48	3.63E-03	6.65E-04	4.96E-04	0.00E+00
1126	259690.4	4026706.06	7.39E-03	1.35E-03	1.01E-03	0.00E+00
1127	259665.5	4026706.6	6.92E-03	1.27E-03	9.46E-04	0.00E+00
1128	259591	4026708.23	5.37E-03	9.83E-04	7.34E-04	0.00E+00
1129	259566.2	4026708.77	4.83E-03	8.85E-04	6.60E-04	0.00E+00
1130	259491.7	4026710.4	3.42E-03	6.26E-04	4.67E-04	0.00E+00
1131	259466.9	4026710.95	3.08E-03	5.63E-04	4.20E-04	0.00E+00
1132	259689.3	4026656.07	5.44E-03	9.96E-04	7.43E-04	0.00E+00
1133	259639.6	4026657.16	4.69E-03	8.59E-04	6.41E-04	0.00E+00
1134	259614.8	4026657.7	4.32E-03	7.90E-04	5.90E-04	0.00E+00
1135	259589.9	4026658.24	3.94E-03	7.21E-04	5.38E-04	0.00E+00
1136	259515.4	4026659.87	2.95E-03	5.40E-04	4.03E-04	0.00E+00
1137	259490.6	4026660.41	2.68E-03	4.91E-04	3.66E-04	0.00E+00
1138	259663.3	4026606.63	3.85E-03	7.05E-04	5.27E-04	0.00E+00
1139	259638.5	4026607.17	3.56E-03	6.52E-04	4.87E-04	0.00E+00
1140	259613.7	4026607.71	3.28E-03	6.00E-04	4.48E-04	0.00E+00
1141	259539.2	4026609.34	2.57E-03	4.70E-04	3.51E-04	0.00E+00
1142	259514.3	4026609.88	2.36E-03	4.33E-04	3.23E-04	0.00E+00
1143	259439.8	4026611.51	1.89E-03	3.46E-04	2.59E-04	0.00E+00
1144	259636.3	4026507.19	2.29E-03	4.19E-04	3.13E-04	0.00E+00
1145	259611.5	4026507.74	2.14E-03	3.92E-04	2.92E-04	0.00E+00
1146	259586.7	4026508.28	2.00E-03	3.66E-04	2.73E-04	0.00E+00
1147	259561.8	4026508.82	1.87E-03	3.43E-04	2.56E-04	0.00E+00
1148	259487.3	4026510.45	1.55E-03	2.84E-04	2.12E-04	0.00E+00
1149	259462.5	4026510.99	1.46E-03	2.68E-04	2.00E-04	0.00E+00
1150	259634.1	4026407.22	1.63E-03	2.98E-04	2.22E-04	0.00E+00
1151	259609.3	4026407.76	1.53E-03	2.79E-04	2.09E-04	0.00E+00
1152	259584.5	4026408.3	1.44E-03	2.63E-04	1.97E-04	0.00E+00
1153	259559.6	4026408.85	1.36E-03	2.49E-04	1.86E-04	0.00E+00
1154	259534.8	4026409.39	1.29E-03	2.37E-04	1.77E-04	0.00E+00
1155	259435.5	4026411.56	1.08E-03	1.97E-04	1.47E-04	0.00E+00
1156	259632	4026307.24	1.24E-03	2.27E-04	1.69E-04	0.00E+00
1157	259607.1	4026307.78	1.18E-03	2.16E-04	1.61E-04	0.00E+00
1158	259582.3	4026308.33	1.12E-03	2.05E-04	1.53E-04	0.00E+00
1159	259557.5	4026308.87	1.07E-03	1.96E-04	1.46E-04	0.00E+00
1160	259532.6	4026309.41	1.02E-03	1.87E-04	1.40E-04	0.00E+00
1161	259507.8	4026309.96	9.81E-04	1.80E-04	1.34E-04	0.00E+00
1162	259483	4026310.5	9.42E-04	1.73E-04	1.29E-04	0.00E+00
1163	259458.1	4026311.04	9.09E-04	1.66E-04	1.24E-04	0.00E+00
1164	259433.3	4026311.58	8.79E-04	1.61E-04	1.20E-04	0.00E+00
1165	259679.4	4026206.18	1.08E-03	1.97E-04	1.47E-04	0.00E+00
1166	259654.6	4026206.72	1.03E-03	1.88E-04	1.41E-04	0.00E+00
1167	259629.8	4026207.27	9.84E-04	1.80E-04	1.34E-04	0.00E+00
1168	259604.9	4026207.81	9.42E-04	1.72E-04	1.29E-04	0.00E+00

1169	259580.1	4026208.35	9.03E-04	1.65E-04	1.23E-04	0.00E+00
1170	259555.3	4026208.89	8.65E-04	1.58E-04	1.18E-04	0.00E+00
1171	259530.4	4026209.44	8.33E-04	1.52E-04	1.14E-04	0.00E+00
1172	259675.1	4026006.23	7.24E-04	1.33E-04	9.89E-05	0.00E+00
1173	259650.2	4026006.77	7.00E-04	1.28E-04	9.56E-05	0.00E+00
1174	259625.4	4026007.31	6.77E-04	1.24E-04	9.25E-05	0.00E+00
1175	259600.6	4026007.86	6.56E-04	1.20E-04	8.96E-05	0.00E+00
1176	259575.7	4026008.4	6.37E-04	1.17E-04	8.70E-05	0.00E+00
1177	259550.9	4026008.94	6.18E-04	1.13E-04	8.45E-05	0.00E+00
1178	259526.1	4026009.48	6.02E-04	1.10E-04	8.22E-05	0.00E+00
1179	259670.7	4025806.28	5.34E-04	9.78E-05	7.30E-05	0.00E+00
1180	259645.9	4025806.82	5.19E-04	9.51E-05	7.10E-05	0.00E+00
1181	259621	4025807.36	5.06E-04	9.26E-05	6.91E-05	0.00E+00
1182	259596.2	4025807.9	4.93E-04	9.03E-05	6.74E-05	0.00E+00
1183	259571.4	4025808.45	4.82E-04	8.82E-05	6.58E-05	0.00E+00
1184	259546.5	4025808.99	4.71E-04	8.63E-05	6.44E-05	0.00E+00
1185	259521.7	4025809.53	4.62E-04	8.47E-05	6.32E-05	0.00E+00
1186	259666.3	4025606.32	4.18E-04	7.65E-05	5.71E-05	0.00E+00
1187	259641.5	4025606.87	4.08E-04	7.47E-05	5.57E-05	0.00E+00
1188	259616.7	4025607.41	3.99E-04	7.31E-05	5.45E-05	0.00E+00
1189	259591.8	4025607.95	3.91E-04	7.15E-05	5.34E-05	0.00E+00
1190	259567	4025608.49	3.84E-04	7.03E-05	5.25E-05	0.00E+00
1191	259542.2	4025609.04	3.78E-04	6.92E-05	5.17E-05	0.00E+00
1192	259517.3	4025609.58	3.73E-04	6.83E-05	5.10E-05	0.00E+00
1193	259662	4025406.37	3.42E-04	6.27E-05	4.68E-05	0.00E+00
1194	259637.1	4025406.91	3.35E-04	6.14E-05	4.58E-05	0.00E+00
1195	259612.3	4025407.46	3.29E-04	6.02E-05	4.50E-05	0.00E+00
1196	259587.5	4025408	3.23E-04	5.92E-05	4.42E-05	0.00E+00
1197	259562.6	4025408.54	3.19E-04	5.84E-05	4.36E-05	0.00E+00
1198	259537.8	4025409.08	3.15E-04	5.77E-05	4.30E-05	0.00E+00
1199	259513	4025409.63	3.12E-04	5.70E-05	4.26E-05	0.00E+00
1200	259488.1	4025410.17	3.08E-04	5.65E-05	4.22E-05	0.00E+00
1201	259463.3	4025410.71	3.06E-04	5.60E-05	4.18E-05	0.00E+00
1202	259438.5	4025411.26	3.04E-04	5.56E-05	4.15E-05	0.00E+00
1203	259413.6	4025411.8	3.02E-04	5.53E-05	4.13E-05	0.00E+00
1204	259422.2	4026953.67	1.65E-02	3.01E-03	2.25E-03	0.00E+00
1205	259423	4026995.42	2.49E-02	4.55E-03	3.40E-03	0.00E+00
1206	259396.8	4026933.27	9.54E-03	1.75E-03	1.30E-03	0.00E+00
1207	259397.6	4026975.02	1.39E-02	2.54E-03	1.90E-03	0.00E+00
1208	259398.4	4027016.78	2.59E-02	4.74E-03	3.54E-03	0.00E+00
1209	259409.8	4026851.82	5.45E-03	9.98E-04	7.45E-04	0.00E+00
1210	259317.3	4026860.93	3.52E-03	6.44E-04	4.81E-04	0.00E+00
1211	259331.2	4026825.36	3.17E-03	5.81E-04	4.34E-04	0.00E+00
1212	259355.7	4026799.88	3.09E-03	5.65E-04	4.22E-04	0.00E+00
1213	259296.8	4026935.18	4.41E-03	8.07E-04	6.02E-04	0.00E+00
1214	259297.6	4026976.93	5.38E-03	9.84E-04	7.35E-04	0.00E+00
1215	259298.4	4027018.68	6.67E-03	1.22E-03	9.11E-04	0.00E+00

1216	259354.6	4026749.9	2.47E-03	4.53E-04	3.38E-04	0.00E+00
1217	259389.6	4026734.53	2.59E-03	4.74E-04	3.54E-04	0.00E+00
1218	259217.3	4026862.84	2.46E-03	4.50E-04	3.36E-04	0.00E+00
1219	259231.2	4026827.26	2.29E-03	4.19E-04	3.13E-04	0.00E+00
1220	259245.2	4026791.69	2.13E-03	3.90E-04	2.91E-04	0.00E+00
1221	259259.1	4026756.11	1.97E-03	3.60E-04	2.69E-04	0.00E+00
1222	259283.5	4026730.64	1.92E-03	3.51E-04	2.62E-04	0.00E+00
1223	259371	4026692.23	2.07E-03	3.79E-04	2.83E-04	0.00E+00
1224	259406	4026676.86	2.15E-03	3.94E-04	2.94E-04	0.00E+00
1225	259196.8	4026937.09	2.88E-03	5.27E-04	3.94E-04	0.00E+00
1226	259197.6	4026978.84	3.27E-03	5.99E-04	4.47E-04	0.00E+00
1227	259198.4	4027020.59	3.70E-03	6.78E-04	5.06E-04	0.00E+00
1228	259169.2	4026858.94	2.11E-03	3.86E-04	2.88E-04	0.00E+00
1229	259184.4	4026820.13	1.97E-03	3.61E-04	2.70E-04	0.00E+00
1230	259199.6	4026781.32	1.84E-03	3.37E-04	2.51E-04	0.00E+00
1231	259214.8	4026742.51	1.71E-03	3.12E-04	2.33E-04	0.00E+00
1232	259249	4026695.31	1.59E-03	2.92E-04	2.18E-04	0.00E+00
1233	259287.2	4026678.55	1.64E-03	3.00E-04	2.24E-04	0.00E+00
1234	259325.4	4026661.79	1.68E-03	3.08E-04	2.30E-04	0.00E+00
1235	259401.7	4026628.27	1.81E-03	3.31E-04	2.47E-04	0.00E+00
1236	259146.8	4026938.04	2.45E-03	4.48E-04	3.34E-04	0.00E+00
1237	259147.6	4026979.79	2.73E-03	5.00E-04	3.73E-04	0.00E+00
1238	259148.4	4027021.55	3.04E-03	5.56E-04	4.15E-04	0.00E+00
1239	259213.8	4026609.86	1.19E-03	2.18E-04	1.62E-04	0.00E+00
1240	259251.1	4026593.47	1.20E-03	2.20E-04	1.64E-04	0.00E+00
1241	259288.4	4026577.09	1.23E-03	2.25E-04	1.68E-04	0.00E+00
1242	259325.7	4026560.7	1.28E-03	2.34E-04	1.75E-04	0.00E+00
1243	259363	4026544.31	1.32E-03	2.41E-04	1.80E-04	0.00E+00
1244	258968.5	4026864.8	1.40E-03	2.56E-04	1.91E-04	0.00E+00
1245	258983.1	4026827.35	1.32E-03	2.41E-04	1.80E-04	0.00E+00
1246	258997.8	4026789.9	1.24E-03	2.28E-04	1.70E-04	0.00E+00
1247	259012.4	4026752.45	1.19E-03	2.17E-04	1.62E-04	0.00E+00
1248	259027.1	4026715	1.13E-03	2.07E-04	1.55E-04	0.00E+00
1249	259041.7	4026677.55	1.08E-03	1.97E-04	1.47E-04	0.00E+00
1250	259056.4	4026640.1	1.02E-03	1.86E-04	1.39E-04	0.00E+00
1251	259071	4026602.65	9.58E-04	1.75E-04	1.31E-04	0.00E+00
1252	259104.1	4026557.11	9.15E-04	1.67E-04	1.25E-04	0.00E+00
1253	259140.9	4026540.94	9.30E-04	1.70E-04	1.27E-04	0.00E+00
1254	259177.7	4026524.76	9.44E-04	1.73E-04	1.29E-04	0.00E+00
1255	259251.4	4026492.42	9.70E-04	1.78E-04	1.33E-04	0.00E+00
1256	259288.2	4026476.25	9.77E-04	1.79E-04	1.34E-04	0.00E+00
1257	259325	4026460.08	9.99E-04	1.83E-04	1.36E-04	0.00E+00
1258	259361.8	4026443.9	1.03E-03	1.89E-04	1.41E-04	0.00E+00
1259	259398.7	4026427.73	1.06E-03	1.93E-04	1.44E-04	0.00E+00
1260	258946.9	4026941.86	1.54E-03	2.82E-04	2.11E-04	0.00E+00
1261	258947.7	4026983.61	1.65E-03	3.02E-04	2.26E-04	0.00E+00
1262	258948.5	4027025.36	1.76E-03	3.22E-04	2.40E-04	0.00E+00

1263	259070.8	4026470.81	7.55E-04	1.38E-04	1.03E-04	0.00E+00
1264	259108.9	4026454.05	7.66E-04	1.40E-04	1.05E-04	0.00E+00
1265	259147.1	4026437.29	7.79E-04	1.43E-04	1.06E-04	0.00E+00
1266	259185.3	4026420.53	7.90E-04	1.45E-04	1.08E-04	0.00E+00
1267	259223.4	4026403.76	7.94E-04	1.45E-04	1.09E-04	0.00E+00
1268	259299.7	4026370.24	8.23E-04	1.51E-04	1.12E-04	0.00E+00
1269	259337.9	4026353.48	8.40E-04	1.54E-04	1.15E-04	0.00E+00
1270	259376	4026336.72	8.56E-04	1.57E-04	1.17E-04	0.00E+00
1271	258754	4026905.64	1.10E-03	2.01E-04	1.50E-04	0.00E+00
1272	258769	4026867.32	1.07E-03	1.95E-04	1.46E-04	0.00E+00
1273	258784	4026829.01	1.03E-03	1.89E-04	1.41E-04	0.00E+00
1274	258799	4026790.69	9.94E-04	1.82E-04	1.36E-04	0.00E+00
1275	258814	4026752.38	9.50E-04	1.74E-04	1.30E-04	0.00E+00
1276	258829	4026714.06	9.04E-04	1.65E-04	1.23E-04	0.00E+00
1277	258844	4026675.75	8.61E-04	1.58E-04	1.18E-04	0.00E+00
1278	258858.9	4026637.43	8.21E-04	1.50E-04	1.12E-04	0.00E+00
1279	258873.9	4026599.12	7.85E-04	1.44E-04	1.07E-04	0.00E+00
1280	258888.9	4026560.8	7.47E-04	1.37E-04	1.02E-04	0.00E+00
1281	258903.9	4026522.49	7.08E-04	1.30E-04	9.68E-05	0.00E+00
1282	258918.9	4026484.17	6.72E-04	1.23E-04	9.18E-05	0.00E+00
1283	258933.9	4026445.86	6.38E-04	1.17E-04	8.72E-05	0.00E+00
1284	258960.2	4026418.42	6.24E-04	1.14E-04	8.53E-05	0.00E+00
1285	258997.9	4026401.88	6.29E-04	1.15E-04	8.59E-05	0.00E+00
1286	259035.6	4026385.33	6.37E-04	1.17E-04	8.71E-05	0.00E+00
1287	259110.9	4026352.24	6.56E-04	1.20E-04	8.96E-05	0.00E+00
1288	259148.6	4026335.7	6.65E-04	1.22E-04	9.09E-05	0.00E+00
1289	259186.2	4026319.15	6.76E-04	1.24E-04	9.24E-05	0.00E+00
1290	259223.9	4026302.61	6.86E-04	1.26E-04	9.37E-05	0.00E+00
1291	259261.6	4026286.06	6.96E-04	1.27E-04	9.51E-05	0.00E+00
1292	259299.3	4026269.52	7.04E-04	1.29E-04	9.62E-05	0.00E+00
1293	258746.9	4026945.67	1.13E-03	2.08E-04	1.55E-04	0.00E+00
1294	258747.7	4026987.42	1.18E-03	2.16E-04	1.61E-04	0.00E+00
1295	258748.5	4027029.18	1.23E-03	2.25E-04	1.68E-04	0.00E+00
1296	258554.2	4026909.2	8.72E-04	1.60E-04	1.19E-04	0.00E+00
1297	258569.3	4026870.39	8.60E-04	1.57E-04	1.18E-04	0.00E+00
1298	258584.5	4026831.58	8.39E-04	1.54E-04	1.15E-04	0.00E+00
1299	258599.7	4026792.76	8.18E-04	1.50E-04	1.12E-04	0.00E+00
1300	258614.9	4026753.95	7.95E-04	1.46E-04	1.09E-04	0.00E+00
1301	258630.1	4026715.14	7.66E-04	1.40E-04	1.05E-04	0.00E+00
1302	258645.3	4026676.33	7.38E-04	1.35E-04	1.01E-04	0.00E+00
1303	258660.4	4026637.51	7.10E-04	1.30E-04	9.70E-05	0.00E+00
1304	258675.6	4026598.7	6.82E-04	1.25E-04	9.32E-05	0.00E+00
1305	258690.8	4026559.89	6.55E-04	1.20E-04	8.95E-05	0.00E+00
1306	258706	4026521.08	6.27E-04	1.15E-04	8.57E-05	0.00E+00
1307	258721.2	4026482.26	5.98E-04	1.10E-04	8.18E-05	0.00E+00
1308	258736.4	4026443.45	5.69E-04	1.04E-04	7.78E-05	0.00E+00
1309	258751.6	4026404.64	5.41E-04	9.91E-05	7.40E-05	0.00E+00

1310	258766.7	4026365.83	5.14E-04	9.41E-05	7.03E-05	0.00E+00
1311	258781.9	4026327.01	4.88E-04	8.94E-05	6.67E-05	0.00E+00
1312	258816.2	4026279.82	4.66E-04	8.53E-05	6.37E-05	0.00E+00
1313	258854.3	4026263.06	4.67E-04	8.55E-05	6.38E-05	0.00E+00
1314	258892.5	4026246.3	4.71E-04	8.62E-05	6.44E-05	0.00E+00
1315	258968.8	4026212.78	4.83E-04	8.84E-05	6.60E-05	0.00E+00
1316	259007	4026196.02	4.89E-04	8.96E-05	6.69E-05	0.00E+00
1317	259045.1	4026179.26	4.97E-04	9.11E-05	6.80E-05	0.00E+00
1318	259083.3	4026162.5	5.06E-04	9.27E-05	6.92E-05	0.00E+00
1319	259121.5	4026145.74	5.15E-04	9.43E-05	7.04E-05	0.00E+00
1320	259159.6	4026128.98	5.23E-04	9.57E-05	7.14E-05	0.00E+00
1321	258547	4026949.49	8.89E-04	1.63E-04	1.22E-04	0.00E+00
1322	258547.8	4026991.24	9.18E-04	1.68E-04	1.26E-04	0.00E+00
1323	258548.6	4027032.99	9.46E-04	1.73E-04	1.29E-04	0.00E+00
1324	258354.1	4026913.33	7.25E-04	1.33E-04	9.91E-05	0.00E+00
1325	258369	4026875.15	7.16E-04	1.31E-04	9.78E-05	0.00E+00
1326	258383.9	4026836.97	7.00E-04	1.28E-04	9.57E-05	0.00E+00
1327	258398.9	4026798.79	6.94E-04	1.27E-04	9.48E-05	0.00E+00
1328	258413.8	4026760.61	6.83E-04	1.25E-04	9.33E-05	0.00E+00
1329	258428.8	4026722.43	6.66E-04	1.22E-04	9.10E-05	0.00E+00
1330	258443.7	4026684.24	6.49E-04	1.19E-04	8.87E-05	0.00E+00
1331	258458.6	4026646.06	6.31E-04	1.15E-04	8.62E-05	0.00E+00
1332	258473.6	4026607.88	6.13E-04	1.12E-04	8.37E-05	0.00E+00
1333	258488.5	4026569.7	5.93E-04	1.09E-04	8.11E-05	0.00E+00
1334	258503.4	4026531.52	5.75E-04	1.05E-04	7.86E-05	0.00E+00
1335	258518.4	4026493.34	5.57E-04	1.02E-04	7.61E-05	0.00E+00
1336	258533.3	4026455.15	5.37E-04	9.83E-05	7.34E-05	0.00E+00
1337	258548.3	4026416.97	5.16E-04	9.46E-05	7.06E-05	0.00E+00
1338	258563.2	4026378.79	4.94E-04	9.05E-05	6.76E-05	0.00E+00
1339	258578.1	4026340.61	4.73E-04	8.66E-05	6.46E-05	0.00E+00
1340	258593.1	4026302.43	4.50E-04	8.24E-05	6.15E-05	0.00E+00
1341	258608	4026264.25	4.27E-04	7.82E-05	5.84E-05	0.00E+00
1342	258622.9	4026226.07	4.07E-04	7.46E-05	5.57E-05	0.00E+00
1343	258637.9	4026187.88	3.89E-04	7.12E-05	5.32E-05	0.00E+00
1344	258671.6	4026141.46	3.71E-04	6.79E-05	5.06E-05	0.00E+00
1345	258709.1	4026124.97	3.69E-04	6.76E-05	5.04E-05	0.00E+00
1346	258746.7	4026108.48	3.70E-04	6.77E-05	5.05E-05	0.00E+00
1347	258821.7	4026075.51	3.76E-04	6.89E-05	5.14E-05	0.00E+00
1348	258859.3	4026059.02	3.82E-04	6.99E-05	5.21E-05	0.00E+00
1349	258896.8	4026042.53	3.88E-04	7.11E-05	5.31E-05	0.00E+00
1350	258934.4	4026026.04	3.95E-04	7.23E-05	5.40E-05	0.00E+00
1351	258971.9	4026009.56	4.02E-04	7.36E-05	5.49E-05	0.00E+00
1352	259009.4	4025993.07	4.09E-04	7.49E-05	5.59E-05	0.00E+00
1353	258347	4026953.3	7.37E-04	1.35E-04	1.01E-04	0.00E+00
1354	258347.8	4026995.05	7.57E-04	1.39E-04	1.03E-04	0.00E+00
1355	258348.6	4027036.81	7.77E-04	1.42E-04	1.06E-04	0.00E+00
1356	258154.2	4026916.97	6.22E-04	1.14E-04	8.50E-05	0.00E+00

1357	258169.3	4026878.43	6.18E-04	1.13E-04	8.45E-05	0.00E+00
1358	258184.3	4026839.88	6.10E-04	1.12E-04	8.34E-05	0.00E+00
1359	258199.4	4026801.34	5.99E-04	1.10E-04	8.19E-05	0.00E+00
1360	258214.5	4026762.8	5.88E-04	1.08E-04	8.04E-05	0.00E+00
1361	258229.6	4026724.25	5.78E-04	1.06E-04	7.90E-05	0.00E+00
1362	258244.6	4026685.71	5.66E-04	1.04E-04	7.73E-05	0.00E+00
1363	258259.7	4026647.17	5.55E-04	1.02E-04	7.59E-05	0.00E+00
1364	258274.8	4026608.62	5.44E-04	9.96E-05	7.44E-05	0.00E+00
1365	258289.9	4026570.08	5.33E-04	9.75E-05	7.28E-05	0.00E+00
1366	258305	4026531.54	5.20E-04	9.52E-05	7.11E-05	0.00E+00
1367	258320	4026492.99	5.09E-04	9.32E-05	6.95E-05	0.00E+00
1368	258335.1	4026454.45	4.96E-04	9.09E-05	6.78E-05	0.00E+00
1369	258350.2	4026415.91	4.83E-04	8.85E-05	6.60E-05	0.00E+00
1370	258365.3	4026377.36	4.69E-04	8.58E-05	6.40E-05	0.00E+00
1371	258380.4	4026338.82	4.53E-04	8.30E-05	6.20E-05	0.00E+00
1372	258395.4	4026300.28	4.37E-04	8.00E-05	5.97E-05	0.00E+00
1373	258410.5	4026261.73	4.18E-04	7.66E-05	5.72E-05	0.00E+00
1374	258425.6	4026223.19	4.00E-04	7.33E-05	5.47E-05	0.00E+00
1375	258440.7	4026184.65	3.81E-04	6.98E-05	5.21E-05	0.00E+00
1376	258455.8	4026146.11	3.63E-04	6.65E-05	4.97E-05	0.00E+00
1377	258470.8	4026107.56	3.47E-04	6.35E-05	4.74E-05	0.00E+00
1378	258485.9	4026069.02	3.31E-04	6.05E-05	4.52E-05	0.00E+00
1379	258501	4026030.48	3.16E-04	5.79E-05	4.32E-05	0.00E+00
1380	258527.5	4026002.88	3.07E-04	5.63E-05	4.20E-05	0.00E+00
1381	258565.4	4025986.24	3.04E-04	5.57E-05	4.16E-05	0.00E+00
1382	258603.3	4025969.59	3.04E-04	5.56E-05	4.15E-05	0.00E+00
1383	258641.2	4025952.95	3.05E-04	5.58E-05	4.17E-05	0.00E+00
1384	258679.1	4025936.31	3.08E-04	5.64E-05	4.21E-05	0.00E+00
1385	258717	4025919.66	3.11E-04	5.70E-05	4.25E-05	0.00E+00
1386	258754.8	4025903.02	3.16E-04	5.78E-05	4.31E-05	0.00E+00
1387	258792.7	4025886.37	3.21E-04	5.87E-05	4.38E-05	0.00E+00
1388	258830.6	4025869.73	3.27E-04	5.99E-05	4.47E-05	0.00E+00
1389	258868.5	4025853.09	3.34E-04	6.12E-05	4.57E-05	0.00E+00
1390	258147	4026957.12	6.31E-04	1.16E-04	8.63E-05	0.00E+00
1391	258147.8	4026998.87	6.52E-04	1.19E-04	8.92E-05	0.00E+00
1392	258148.6	4027040.62	6.69E-04	1.22E-04	9.14E-05	0.00E+00
1393	257954.3	4026920.65	5.60E-04	1.03E-04	7.66E-05	0.00E+00
1394	257969.4	4026881.84	5.53E-04	1.01E-04	7.55E-05	0.00E+00
1395	257984.6	4026843.02	5.44E-04	9.96E-05	7.44E-05	0.00E+00
1396	257999.8	4026804.21	5.35E-04	9.80E-05	7.32E-05	0.00E+00
1397	258015	4026765.4	5.24E-04	9.60E-05	7.16E-05	0.00E+00
1398	258030.2	4026726.59	5.13E-04	9.40E-05	7.02E-05	0.00E+00
1399	258045.4	4026687.77	5.02E-04	9.20E-05	6.86E-05	0.00E+00
1400	258060.6	4026648.96	4.93E-04	9.03E-05	6.74E-05	0.00E+00
1401	258075.7	4026610.15	4.85E-04	8.88E-05	6.63E-05	0.00E+00
1402	258090.9	4026571.33	4.76E-04	8.71E-05	6.50E-05	0.00E+00
1403	258106.1	4026532.52	4.67E-04	8.56E-05	6.39E-05	0.00E+00

1404	258121.3	4026493.71	4.60E-04	8.43E-05	6.29E-05	0.00E+00
1405	258136.5	4026454.9	4.53E-04	8.30E-05	6.20E-05	0.00E+00
1406	258151.7	4026416.08	4.46E-04	8.17E-05	6.10E-05	0.00E+00
1407	258166.8	4026377.27	4.38E-04	8.02E-05	5.98E-05	0.00E+00
1408	258182	4026338.46	4.29E-04	7.85E-05	5.86E-05	0.00E+00
1409	258197.2	4026299.65	4.18E-04	7.65E-05	5.71E-05	0.00E+00
1410	258212.4	4026260.83	4.06E-04	7.43E-05	5.54E-05	0.00E+00
1411	258227.6	4026222.02	3.92E-04	7.18E-05	5.36E-05	0.00E+00
1412	258242.8	4026183.21	3.79E-04	6.93E-05	5.18E-05	0.00E+00
1413	258258	4026144.4	3.63E-04	6.65E-05	4.96E-05	0.00E+00
1414	258273.1	4026105.58	3.48E-04	6.37E-05	4.76E-05	0.00E+00
1415	258288.3	4026066.77	3.32E-04	6.08E-05	4.54E-05	0.00E+00
1416	258303.5	4026027.96	3.16E-04	5.78E-05	4.32E-05	0.00E+00
1417	258318.7	4025989.14	3.02E-04	5.53E-05	4.13E-05	0.00E+00
1418	258333.9	4025950.33	2.88E-04	5.28E-05	3.94E-05	0.00E+00
1419	258349.1	4025911.52	2.76E-04	5.05E-05	3.77E-05	0.00E+00
1420	258383.3	4025864.33	2.63E-04	4.82E-05	3.60E-05	0.00E+00
1421	258421.5	4025847.57	2.60E-04	4.76E-05	3.55E-05	0.00E+00
1422	258459.6	4025830.81	2.58E-04	4.73E-05	3.53E-05	0.00E+00
1423	258497.8	4025814.05	2.58E-04	4.72E-05	3.52E-05	0.00E+00
1424	258536	4025797.28	2.59E-04	4.74E-05	3.54E-05	0.00E+00
1425	258574.1	4025780.52	2.61E-04	4.79E-05	3.57E-05	0.00E+00
1426	258612.3	4025763.76	2.65E-04	4.85E-05	3.62E-05	0.00E+00
1427	258650.4	4025747	2.69E-04	4.93E-05	3.68E-05	0.00E+00
1428	258688.6	4025730.24	2.74E-04	5.02E-05	3.75E-05	0.00E+00
1429	258726.8	4025713.48	2.80E-04	5.13E-05	3.83E-05	0.00E+00
1430	258764.9	4025696.72	2.86E-04	5.23E-05	3.91E-05	0.00E+00
1431	258803.1	4025679.96	2.92E-04	5.34E-05	3.98E-05	0.00E+00
1432	258841.2	4025663.2	2.97E-04	5.44E-05	4.06E-05	0.00E+00
1433	258879.4	4025646.44	3.02E-04	5.52E-05	4.12E-05	0.00E+00
1434	258917.6	4025629.68	3.05E-04	5.58E-05	4.17E-05	0.00E+00
1435	258955.7	4025612.92	3.08E-04	5.64E-05	4.21E-05	0.00E+00
1436	258993.9	4025596.16	3.10E-04	5.67E-05	4.24E-05	0.00E+00
1437	259032	4025579.4	3.11E-04	5.69E-05	4.25E-05	0.00E+00
1438	259070.2	4025562.64	3.12E-04	5.71E-05	4.26E-05	0.00E+00
1439	259108.4	4025545.88	3.11E-04	5.70E-05	4.25E-05	0.00E+00
1440	259146.5	4025529.12	3.11E-04	5.69E-05	4.25E-05	0.00E+00
1441	259184.7	4025512.36	3.10E-04	5.68E-05	4.24E-05	0.00E+00
1442	259222.8	4025495.6	3.09E-04	5.67E-05	4.23E-05	0.00E+00
1443	259261	4025478.84	3.08E-04	5.64E-05	4.21E-05	0.00E+00
1444	259299.1	4025462.08	3.06E-04	5.61E-05	4.19E-05	0.00E+00
1445	259337.3	4025445.32	3.05E-04	5.58E-05	4.17E-05	0.00E+00
1446	259375.5	4025428.56	3.03E-04	5.55E-05	4.14E-05	0.00E+00
1447	257947.1	4026960.93	5.70E-04	1.04E-04	7.79E-05	0.00E+00
1448	257947.9	4027002.69	5.83E-04	1.07E-04	7.96E-05	0.00E+00
1449	257948.7	4027044.44	5.93E-04	1.09E-04	8.10E-05	0.00E+00
1450	259440.8	4026786.83	4.18E-03	7.65E-04	5.71E-04	0.00E+00

1451	259379.5	4026788.79	3.19E-03	5.85E-04	4.37E-04	0.00E+00
1452	259436	4026636.9	2.04E-03	3.74E-04	2.79E-04	0.00E+00
1453	259432.8	4026536.95	1.48E-03	2.71E-04	2.02E-04	0.00E+00
1454	259426.4	4026337.06	9.15E-04	1.67E-04	1.25E-04	0.00E+00
1455	259420	4026137.16	6.48E-04	1.19E-04	8.86E-05	0.00E+00
1456	259379.1	4026138.47	6.27E-04	1.15E-04	8.57E-05	0.00E+00
1457	259413.7	4025937.26	4.98E-04	9.12E-05	6.81E-05	0.00E+00
1458	259372.8	4025938.57	4.87E-04	8.91E-05	6.65E-05	0.00E+00
1459	259407.3	4025737.36	4.01E-04	7.33E-05	5.48E-05	0.00E+00
1460	259366.4	4025738.67	3.94E-04	7.22E-05	5.39E-05	0.00E+00
1461	259400.9	4025537.46	3.33E-04	6.10E-05	4.55E-05	0.00E+00
1462	259360	4025538.77	3.30E-04	6.04E-05	4.51E-05	0.00E+00
1463	259359.6	4026838.1	3.80E-03	6.95E-04	5.19E-04	0.00E+00
1464	259400.7	4026338.79	8.86E-04	1.62E-04	1.21E-04	0.00E+00
1465	259330.9	4027040.02	1.09E-02	2.00E-03	1.49E-03	0.00E+00
1466	259334.1	4027080.58	1.51E-02	2.76E-03	2.06E-03	0.00E+00
1467	259338.1	4026995.92	8.18E-03	1.50E-03	1.12E-03	0.00E+00
1468	259306	4027041.98	8.11E-03	1.49E-03	1.11E-03	0.00E+00
1469	259309.2	4027082.54	1.02E-02	1.87E-03	1.40E-03	0.00E+00
1470	259338.6	4026970.92	6.99E-03	1.28E-03	9.55E-04	0.00E+00
1471	259282.6	4027064.21	7.19E-03	1.32E-03	9.82E-04	0.00E+00
1472	259285.8	4027104.77	8.45E-03	1.55E-03	1.16E-03	0.00E+00
1473	259320.4	4026953.78	5.56E-03	1.02E-03	7.60E-04	0.00E+00
1474	259259.3	4027086.45	6.40E-03	1.17E-03	8.74E-04	0.00E+00
1475	259219.7	4027011.6	3.99E-03	7.31E-04	5.45E-04	0.00E+00
1476	259233.2	4026973.4	3.75E-03	6.86E-04	5.12E-04	0.00E+00
1477	259206.3	4027049.81	4.16E-03	7.62E-04	5.69E-04	0.00E+00
1478	259209.5	4027090.37	4.69E-03	8.59E-04	6.41E-04	0.00E+00
1479	259176.6	4026996.42	3.17E-03	5.80E-04	4.33E-04	0.00E+00
1480	259156.4	4027053.73	3.37E-03	6.17E-04	4.60E-04	0.00E+00
1481	259159.6	4027094.29	3.72E-03	6.80E-04	5.08E-04	0.00E+00
1482	259113.3	4027038.54	2.78E-03	5.10E-04	3.81E-04	0.00E+00
1483	259126.8	4027000.33	2.68E-03	4.90E-04	3.66E-04	0.00E+00
1484	259192.5	4026858.76	2.25E-03	4.12E-04	3.08E-04	0.00E+00
1485	259267.2	4026827.36	2.56E-03	4.68E-04	3.50E-04	0.00E+00
1486	259108.2	4027077.92	2.95E-03	5.40E-04	4.03E-04	0.00E+00
1487	259111.4	4027118.48	3.19E-03	5.85E-04	4.36E-04	0.00E+00
1488	259090.4	4026966.04	2.22E-03	4.07E-04	3.04E-04	0.00E+00
1489	259103.8	4026927.84	2.11E-03	3.87E-04	2.89E-04	0.00E+00
1490	259117.3	4026889.63	1.99E-03	3.64E-04	2.72E-04	0.00E+00
1491	259130.8	4026851.43	1.86E-03	3.41E-04	2.55E-04	0.00E+00
1492	259156.2	4026824.47	1.86E-03	3.40E-04	2.54E-04	0.00E+00
1493	259212.2	4026800.92	2.01E-03	3.68E-04	2.74E-04	0.00E+00
1494	259268.2	4026777.37	2.16E-03	3.95E-04	2.95E-04	0.00E+00
1495	259058.3	4027081.84	2.53E-03	4.62E-04	3.45E-04	0.00E+00
1496	259061.5	4027122.4	2.71E-03	4.97E-04	3.71E-04	0.00E+00
1497	258963.8	4027050.29	1.88E-03	3.45E-04	2.57E-04	0.00E+00

1498	258977.2	4027012.08	1.84E-03	3.36E-04	2.51E-04	0.00E+00
1499	258990.7	4026973.88	1.77E-03	3.25E-04	2.42E-04	0.00E+00
1500	259004.2	4026935.67	1.70E-03	3.11E-04	2.32E-04	0.00E+00
1501	259031.1	4026859.26	1.52E-03	2.79E-04	2.08E-04	0.00E+00
1502	259044.5	4026821.05	1.43E-03	2.62E-04	1.96E-04	0.00E+00
1503	259058	4026782.85	1.35E-03	2.47E-04	1.84E-04	0.00E+00
1504	259083.4	4026755.89	1.34E-03	2.45E-04	1.83E-04	0.00E+00
1505	259176.7	4026716.64	1.47E-03	2.70E-04	2.01E-04	0.00E+00
1506	259214.1	4026700.94	1.52E-03	2.78E-04	2.07E-04	0.00E+00
1507	258958.6	4027089.67	1.96E-03	3.59E-04	2.68E-04	0.00E+00
1508	258961.8	4027130.23	2.08E-03	3.81E-04	2.84E-04	0.00E+00
1509	258884.3	4027000.81	1.50E-03	2.75E-04	2.05E-04	0.00E+00
1510	258897.7	4026962.61	1.46E-03	2.67E-04	1.99E-04	0.00E+00
1511	258911.2	4026924.4	1.41E-03	2.58E-04	1.93E-04	0.00E+00
1512	258924.6	4026886.19	1.36E-03	2.49E-04	1.86E-04	0.00E+00
1513	258938.1	4026847.99	1.30E-03	2.38E-04	1.78E-04	0.00E+00
1514	258951.6	4026809.78	1.23E-03	2.25E-04	1.68E-04	0.00E+00
1515	258965	4026771.58	1.16E-03	2.12E-04	1.58E-04	0.00E+00
1516	258978.5	4026733.37	1.10E-03	2.01E-04	1.50E-04	0.00E+00
1517	259010.6	4026687.32	1.05E-03	1.92E-04	1.44E-04	0.00E+00
1518	259066.6	4026663.76	1.08E-03	1.98E-04	1.48E-04	0.00E+00
1519	259103.9	4026648.06	1.11E-03	2.03E-04	1.51E-04	0.00E+00
1520	259141.3	4026632.36	1.13E-03	2.07E-04	1.54E-04	0.00E+00
1521	258857.4	4027077.22	1.56E-03	2.85E-04	2.13E-04	0.00E+00
1522	258860.5	4027117.78	1.63E-03	2.99E-04	2.23E-04	0.00E+00
1523	258764.4	4027065.95	1.31E-03	2.39E-04	1.79E-04	0.00E+00
1524	258777.9	4027027.75	1.29E-03	2.35E-04	1.76E-04	0.00E+00
1525	258791.3	4026989.54	1.26E-03	2.32E-04	1.73E-04	0.00E+00
1526	258804.8	4026951.34	1.24E-03	2.27E-04	1.69E-04	0.00E+00
1527	258818.2	4026913.13	1.21E-03	2.21E-04	1.65E-04	0.00E+00
1528	258831.7	4026874.92	1.17E-03	2.14E-04	1.60E-04	0.00E+00
1529	258845.1	4026836.72	1.13E-03	2.06E-04	1.54E-04	0.00E+00
1530	258858.6	4026798.51	1.08E-03	1.97E-04	1.47E-04	0.00E+00
1531	258872	4026760.31	1.02E-03	1.87E-04	1.40E-04	0.00E+00
1532	258885.5	4026722.1	9.70E-04	1.78E-04	1.33E-04	0.00E+00
1533	258899	4026683.9	9.23E-04	1.69E-04	1.26E-04	0.00E+00
1534	258912.4	4026645.69	8.77E-04	1.61E-04	1.20E-04	0.00E+00
1535	258937.8	4026618.74	8.59E-04	1.57E-04	1.17E-04	0.00E+00
1536	259012.5	4026587.33	8.72E-04	1.60E-04	1.19E-04	0.00E+00
1537	259049.8	4026571.63	8.80E-04	1.61E-04	1.20E-04	0.00E+00
1538	258759.3	4027105.34	1.34E-03	2.46E-04	1.84E-04	0.00E+00
1539	258762.4	4027145.9	1.40E-03	2.56E-04	1.91E-04	0.00E+00
1540	258684.9	4027016.48	1.11E-03	2.04E-04	1.52E-04	0.00E+00
1541	258698.3	4026978.27	1.10E-03	2.01E-04	1.50E-04	0.00E+00
1542	258711.8	4026940.07	1.08E-03	1.97E-04	1.47E-04	0.00E+00
1543	258725.3	4026901.86	1.05E-03	1.93E-04	1.44E-04	0.00E+00
1544	258738.7	4026863.65	1.02E-03	1.88E-04	1.40E-04	0.00E+00

1545	258752.2	4026825.45	9.91E-04	1.81E-04	1.35E-04	0.00E+00
1546	258765.6	4026787.24	9.53E-04	1.75E-04	1.30E-04	0.00E+00
1547	258779.1	4026749.04	9.13E-04	1.67E-04	1.25E-04	0.00E+00
1548	258792.5	4026710.83	8.71E-04	1.59E-04	1.19E-04	0.00E+00
1549	258806	4026672.63	8.30E-04	1.52E-04	1.13E-04	0.00E+00
1550	258819.5	4026634.42	7.92E-04	1.45E-04	1.08E-04	0.00E+00
1551	258832.9	4026596.21	7.57E-04	1.39E-04	1.03E-04	0.00E+00
1552	258865	4026550.16	7.21E-04	1.32E-04	9.85E-05	0.00E+00
1553	258939.7	4026518.75	7.24E-04	1.32E-04	9.89E-05	0.00E+00
1554	258977.1	4026503.05	7.27E-04	1.33E-04	9.94E-05	0.00E+00
1555	258658	4027092.89	1.14E-03	2.09E-04	1.56E-04	0.00E+00
1556	258661.2	4027133.45	1.18E-03	2.17E-04	1.62E-04	0.00E+00
1557	258465.3	4027089.45	9.04E-04	1.65E-04	1.24E-04	0.00E+00
1558	258485.5	4027032.14	8.78E-04	1.61E-04	1.20E-04	0.00E+00
1559	258499	4026993.94	8.68E-04	1.59E-04	1.19E-04	0.00E+00
1560	258512.4	4026955.73	8.58E-04	1.57E-04	1.17E-04	0.00E+00
1561	258525.9	4026917.52	8.50E-04	1.56E-04	1.16E-04	0.00E+00
1562	258539.3	4026879.32	8.37E-04	1.53E-04	1.14E-04	0.00E+00
1563	258552.8	4026841.11	8.21E-04	1.50E-04	1.12E-04	0.00E+00
1564	258566.2	4026802.91	8.00E-04	1.47E-04	1.09E-04	0.00E+00
1565	258579.7	4026764.7	7.80E-04	1.43E-04	1.07E-04	0.00E+00
1566	258593.2	4026726.5	7.56E-04	1.38E-04	1.03E-04	0.00E+00
1567	258606.6	4026688.29	7.30E-04	1.34E-04	9.98E-05	0.00E+00
1568	258620.1	4026650.09	7.03E-04	1.29E-04	9.61E-05	0.00E+00
1569	258633.5	4026611.88	6.76E-04	1.24E-04	9.23E-05	0.00E+00
1570	258647	4026573.67	6.50E-04	1.19E-04	8.88E-05	0.00E+00
1571	258660.4	4026535.47	6.23E-04	1.14E-04	8.51E-05	0.00E+00
1572	258673.9	4026497.26	5.98E-04	1.09E-04	8.17E-05	0.00E+00
1573	258687.3	4026459.06	5.71E-04	1.05E-04	7.80E-05	0.00E+00
1574	258719.5	4026413	5.42E-04	9.92E-05	7.40E-05	0.00E+00
1575	258775.5	4026389.45	5.34E-04	9.78E-05	7.30E-05	0.00E+00
1576	258812.8	4026373.75	5.31E-04	9.72E-05	7.26E-05	0.00E+00
1577	258850.2	4026358.04	5.29E-04	9.69E-05	7.23E-05	0.00E+00
1578	258924.8	4026326.64	5.34E-04	9.77E-05	7.29E-05	0.00E+00
1579	258962.2	4026310.94	5.39E-04	9.86E-05	7.36E-05	0.00E+00
1580	258999.5	4026295.24	5.46E-04	9.99E-05	7.46E-05	0.00E+00
1581	259036.9	4026279.54	5.54E-04	1.01E-04	7.57E-05	0.00E+00
1582	259074.2	4026263.84	5.63E-04	1.03E-04	7.70E-05	0.00E+00
1583	259167.5	4026224.58	5.86E-04	1.07E-04	8.01E-05	0.00E+00
1584	259204.9	4026208.88	5.94E-04	1.09E-04	8.11E-05	0.00E+00
1585	259242.2	4026193.18	6.02E-04	1.10E-04	8.22E-05	0.00E+00
1586	259279.6	4026177.48	6.06E-04	1.11E-04	8.28E-05	0.00E+00
1587	259316.9	4026161.77	6.11E-04	1.12E-04	8.36E-05	0.00E+00
1588	259354.2	4026146.07	6.21E-04	1.14E-04	8.48E-05	0.00E+00
1589	258460.2	4027128.83	9.27E-04	1.70E-04	1.27E-04	0.00E+00
1590	258463.4	4027169.39	9.56E-04	1.75E-04	1.31E-04	0.00E+00
1591	258265.9	4027105.12	7.62E-04	1.39E-04	1.04E-04	0.00E+00

1592	258279.4	4027066.91	7.50E-04	1.37E-04	1.02E-04	0.00E+00
1593	258292.8	4027028.7	7.39E-04	1.35E-04	1.01E-04	0.00E+00
1594	258306.3	4026990.5	7.29E-04	1.33E-04	9.96E-05	0.00E+00
1595	258319.8	4026952.29	7.20E-04	1.32E-04	9.83E-05	0.00E+00
1596	258339.9	4026894.98	7.09E-04	1.30E-04	9.68E-05	0.00E+00
1597	258353.4	4026856.78	6.97E-04	1.28E-04	9.53E-05	0.00E+00
1598	258366.9	4026818.57	6.84E-04	1.25E-04	9.35E-05	0.00E+00
1599	258380.3	4026780.37	6.75E-04	1.24E-04	9.23E-05	0.00E+00
1600	258393.8	4026742.16	6.61E-04	1.21E-04	9.04E-05	0.00E+00
1601	258407.2	4026703.96	6.45E-04	1.18E-04	8.81E-05	0.00E+00
1602	258420.7	4026665.75	6.27E-04	1.15E-04	8.57E-05	0.00E+00
1603	258434.1	4026627.54	6.10E-04	1.12E-04	8.33E-05	0.00E+00
1604	258447.6	4026589.34	5.92E-04	1.08E-04	8.09E-05	0.00E+00
1605	258461	4026551.13	5.75E-04	1.05E-04	7.85E-05	0.00E+00
1606	258474.5	4026512.93	5.57E-04	1.02E-04	7.61E-05	0.00E+00
1607	258488	4026474.72	5.39E-04	9.86E-05	7.36E-05	0.00E+00
1608	258501.4	4026436.52	5.19E-04	9.51E-05	7.10E-05	0.00E+00
1609	258514.9	4026398.31	5.00E-04	9.16E-05	6.84E-05	0.00E+00
1610	258528.3	4026360.11	4.80E-04	8.79E-05	6.56E-05	0.00E+00
1611	258541.8	4026321.9	4.59E-04	8.40E-05	6.27E-05	0.00E+00
1612	258573.9	4026275.84	4.32E-04	7.91E-05	5.91E-05	0.00E+00
1613	258629.9	4026252.29	4.22E-04	7.74E-05	5.77E-05	0.00E+00
1614	258667.3	4026236.59	4.17E-04	7.63E-05	5.70E-05	0.00E+00
1615	258704.6	4026220.89	4.12E-04	7.55E-05	5.64E-05	0.00E+00
1616	258779.3	4026189.48	4.09E-04	7.48E-05	5.58E-05	0.00E+00
1617	258816.6	4026173.78	4.12E-04	7.54E-05	5.63E-05	0.00E+00
1618	258854	4026158.08	4.17E-04	7.63E-05	5.70E-05	0.00E+00
1619	258891.3	4026142.38	4.22E-04	7.74E-05	5.77E-05	0.00E+00
1620	258928.6	4026126.68	4.29E-04	7.86E-05	5.87E-05	0.00E+00
1621	259022	4026087.42	4.47E-04	8.19E-05	6.11E-05	0.00E+00
1622	259059.3	4026071.72	4.54E-04	8.32E-05	6.21E-05	0.00E+00
1623	259096.7	4026056.02	4.61E-04	8.44E-05	6.30E-05	0.00E+00
1624	259134	4026040.32	4.67E-04	8.56E-05	6.39E-05	0.00E+00
1625	259171.3	4026024.62	4.72E-04	8.65E-05	6.46E-05	0.00E+00
1626	259208.7	4026008.92	4.77E-04	8.73E-05	6.52E-05	0.00E+00
1627	259246	4025993.21	4.80E-04	8.80E-05	6.57E-05	0.00E+00
1628	259283.4	4025977.51	4.83E-04	8.85E-05	6.61E-05	0.00E+00
1629	259320.7	4025961.81	4.85E-04	8.89E-05	6.63E-05	0.00E+00
1630	258260.8	4027144.5	7.81E-04	1.43E-04	1.07E-04	0.00E+00
1631	258264	4027185.06	8.01E-04	1.47E-04	1.10E-04	0.00E+00
1632	258066.5	4027120.78	6.66E-04	1.22E-04	9.10E-05	0.00E+00
1633	258080	4027082.57	6.57E-04	1.20E-04	8.98E-05	0.00E+00
1634	258093.5	4027044.37	6.50E-04	1.19E-04	8.88E-05	0.00E+00
1635	258106.9	4027006.16	6.40E-04	1.17E-04	8.74E-05	0.00E+00
1636	258120.4	4026967.96	6.27E-04	1.15E-04	8.57E-05	0.00E+00
1637	258133.8	4026929.75	6.16E-04	1.13E-04	8.42E-05	0.00E+00
1638	258147.3	4026891.55	6.13E-04	1.12E-04	8.37E-05	0.00E+00

1639	258160.7	4026853.34	6.06E-04	1.11E-04	8.29E-05	0.00E+00
1640	258174.2	4026815.14	5.95E-04	1.09E-04	8.13E-05	0.00E+00
1641	258187.7	4026776.93	5.82E-04	1.07E-04	7.95E-05	0.00E+00
1642	258201.1	4026738.72	5.73E-04	1.05E-04	7.84E-05	0.00E+00
1643	258214.6	4026700.52	5.62E-04	1.03E-04	7.68E-05	0.00E+00
1644	258228	4026662.31	5.50E-04	1.01E-04	7.51E-05	0.00E+00
1645	258241.5	4026624.11	5.39E-04	9.87E-05	7.37E-05	0.00E+00
1646	258254.9	4026585.9	5.28E-04	9.67E-05	7.22E-05	0.00E+00
1647	258268.4	4026547.7	5.17E-04	9.47E-05	7.07E-05	0.00E+00
1648	258281.8	4026509.49	5.06E-04	9.26E-05	6.91E-05	0.00E+00
1649	258295.3	4026471.28	4.94E-04	9.05E-05	6.75E-05	0.00E+00
1650	258308.8	4026433.08	4.83E-04	8.84E-05	6.60E-05	0.00E+00
1651	258322.2	4026394.87	4.70E-04	8.60E-05	6.42E-05	0.00E+00
1652	258335.7	4026356.67	4.56E-04	8.35E-05	6.23E-05	0.00E+00
1653	258349.1	4026318.46	4.41E-04	8.08E-05	6.03E-05	0.00E+00
1654	258362.6	4026280.26	4.25E-04	7.78E-05	5.81E-05	0.00E+00
1655	258376	4026242.05	4.08E-04	7.46E-05	5.57E-05	0.00E+00
1656	258389.5	4026203.84	3.90E-04	7.15E-05	5.34E-05	0.00E+00
1657	258403	4026165.64	3.73E-04	6.82E-05	5.09E-05	0.00E+00
1658	258428.4	4026138.69	3.60E-04	6.59E-05	4.92E-05	0.00E+00
1659	258503	4026107.28	3.47E-04	6.35E-05	4.74E-05	0.00E+00
1660	258540.4	4026091.58	3.40E-04	6.23E-05	4.65E-05	0.00E+00
1661	258577.7	4026075.88	3.35E-04	6.14E-05	4.58E-05	0.00E+00
1662	258615	4026060.18	3.32E-04	6.08E-05	4.54E-05	0.00E+00
1663	258652.4	4026044.48	3.32E-04	6.07E-05	4.53E-05	0.00E+00
1664	258689.7	4026028.77	3.33E-04	6.10E-05	4.55E-05	0.00E+00
1665	258727.1	4026013.07	3.36E-04	6.15E-05	4.59E-05	0.00E+00
1666	258764.4	4025997.37	3.40E-04	6.22E-05	4.65E-05	0.00E+00
1667	258801.7	4025981.67	3.44E-04	6.30E-05	4.70E-05	0.00E+00
1668	258876.4	4025950.27	3.56E-04	6.52E-05	4.87E-05	0.00E+00
1669	258913.8	4025934.56	3.63E-04	6.65E-05	4.96E-05	0.00E+00
1670	258951.1	4025918.86	3.71E-04	6.79E-05	5.06E-05	0.00E+00
1671	258988.4	4025903.16	3.78E-04	6.91E-05	5.16E-05	0.00E+00
1672	259025.8	4025887.46	3.83E-04	7.02E-05	5.24E-05	0.00E+00
1673	259063.1	4025871.76	3.88E-04	7.10E-05	5.30E-05	0.00E+00
1674	259100.5	4025856.06	3.91E-04	7.16E-05	5.34E-05	0.00E+00
1675	259137.8	4025840.35	3.93E-04	7.20E-05	5.38E-05	0.00E+00
1676	259175.1	4025824.65	3.94E-04	7.22E-05	5.39E-05	0.00E+00
1677	259212.5	4025808.95	3.96E-04	7.25E-05	5.41E-05	0.00E+00
1678	259249.8	4025793.25	3.97E-04	7.27E-05	5.43E-05	0.00E+00
1679	259287.1	4025777.55	3.97E-04	7.28E-05	5.43E-05	0.00E+00
1680	259324.5	4025761.85	3.97E-04	7.26E-05	5.42E-05	0.00E+00
1681	258061.4	4027160.16	6.76E-04	1.24E-04	9.23E-05	0.00E+00
1682	258064.6	4027200.72	6.90E-04	1.26E-04	9.42E-05	0.00E+00
1683	257867.2	4027136.45	5.85E-04	1.07E-04	7.99E-05	0.00E+00
1684	257880.6	4027098.24	5.80E-04	1.06E-04	7.93E-05	0.00E+00
1685	257894.1	4027060.03	5.78E-04	1.06E-04	7.90E-05	0.00E+00

1686	257907.5	4027021.83	5.74E-04	1.05E-04	7.85E-05	0.00E+00
1687	257921	4026983.62	5.69E-04	1.04E-04	7.77E-05	0.00E+00
1688	258008.5	4026735.29	5.12E-04	9.37E-05	6.99E-05	0.00E+00
1689	258021.9	4026697.08	5.01E-04	9.17E-05	6.85E-05	0.00E+00
1690	258035.4	4026658.87	4.90E-04	8.97E-05	6.70E-05	0.00E+00
1691	258048.8	4026620.67	4.81E-04	8.81E-05	6.58E-05	0.00E+00
1692	258062.3	4026582.46	4.72E-04	8.65E-05	6.46E-05	0.00E+00
1693	258075.7	4026544.26	4.64E-04	8.50E-05	6.34E-05	0.00E+00
1694	258089.2	4026506.05	4.57E-04	8.36E-05	6.24E-05	0.00E+00
1695	258102.6	4026467.85	4.49E-04	8.23E-05	6.14E-05	0.00E+00
1696	258116.1	4026429.64	4.42E-04	8.10E-05	6.04E-05	0.00E+00
1697	258129.6	4026391.44	4.35E-04	7.97E-05	5.95E-05	0.00E+00
1698	258143	4026353.23	4.27E-04	7.82E-05	5.83E-05	0.00E+00
1699	258156.5	4026315.02	4.18E-04	7.65E-05	5.71E-05	0.00E+00
1700	258169.9	4026276.82	4.08E-04	7.46E-05	5.57E-05	0.00E+00
1701	258183.4	4026238.61	3.95E-04	7.23E-05	5.40E-05	0.00E+00
1702	258196.8	4026200.41	3.82E-04	7.00E-05	5.22E-05	0.00E+00
1703	258210.3	4026162.2	3.70E-04	6.77E-05	5.06E-05	0.00E+00
1704	258223.8	4026124	3.55E-04	6.51E-05	4.86E-05	0.00E+00
1705	258237.2	4026085.79	3.41E-04	6.24E-05	4.66E-05	0.00E+00
1706	258250.7	4026047.58	3.26E-04	5.97E-05	4.45E-05	0.00E+00
1707	258282.8	4026001.53	3.08E-04	5.63E-05	4.20E-05	0.00E+00
1708	258338.8	4025977.98	2.98E-04	5.45E-05	4.07E-05	0.00E+00
1709	258376.1	4025962.27	2.91E-04	5.33E-05	3.98E-05	0.00E+00
1710	258413.5	4025946.57	2.86E-04	5.24E-05	3.91E-05	0.00E+00
1711	258450.8	4025930.87	2.82E-04	5.16E-05	3.85E-05	0.00E+00
1712	258488.2	4025915.17	2.79E-04	5.11E-05	3.82E-05	0.00E+00
1713	258525.5	4025899.47	2.78E-04	5.09E-05	3.80E-05	0.00E+00
1714	258562.8	4025883.77	2.79E-04	5.10E-05	3.81E-05	0.00E+00
1715	258600.2	4025868.06	2.81E-04	5.14E-05	3.84E-05	0.00E+00
1716	258637.5	4025852.36	2.84E-04	5.19E-05	3.88E-05	0.00E+00
1717	258674.9	4025836.66	2.87E-04	5.26E-05	3.93E-05	0.00E+00
1718	258712.2	4025820.96	2.92E-04	5.35E-05	3.99E-05	0.00E+00
1719	258749.5	4025805.26	2.97E-04	5.44E-05	4.06E-05	0.00E+00
1720	258786.9	4025789.56	3.03E-04	5.55E-05	4.14E-05	0.00E+00
1721	258824.2	4025773.85	3.10E-04	5.68E-05	4.24E-05	0.00E+00
1722	258861.5	4025758.15	3.17E-04	5.80E-05	4.33E-05	0.00E+00
1723	258898.9	4025742.45	3.22E-04	5.90E-05	4.40E-05	0.00E+00
1724	258936.2	4025726.75	3.27E-04	5.98E-05	4.47E-05	0.00E+00
1725	258973.6	4025711.05	3.30E-04	6.04E-05	4.51E-05	0.00E+00
1726	259010.9	4025695.35	3.33E-04	6.10E-05	4.55E-05	0.00E+00
1727	259048.2	4025679.64	3.35E-04	6.13E-05	4.58E-05	0.00E+00
1728	259085.6	4025663.94	3.36E-04	6.15E-05	4.59E-05	0.00E+00
1729	259122.9	4025648.24	3.37E-04	6.17E-05	4.61E-05	0.00E+00
1730	259160.3	4025632.54	3.38E-04	6.18E-05	4.61E-05	0.00E+00
1731	259197.6	4025616.84	3.38E-04	6.19E-05	4.62E-05	0.00E+00
1732	259234.9	4025601.14	3.37E-04	6.16E-05	4.60E-05	0.00E+00

1733	259272.3	4025585.44	3.35E-04	6.13E-05	4.58E-05	0.00E+00
1734	259309.6	4025569.73	3.34E-04	6.12E-05	4.57E-05	0.00E+00
1735	257862	4027175.83	5.98E-04	1.10E-04	8.17E-05	0.00E+00
1736	257865.2	4027216.39	6.10E-04	1.12E-04	8.33E-05	0.00E+00
1737	259335.9	4027123.45	1.74E-02	3.19E-03	2.38E-03	0.00E+00
1738	259336.3	4027147.64	1.81E-02	3.32E-03	2.48E-03	0.00E+00
1739	259336.6	4027171.84	1.87E-02	3.42E-03	2.55E-03	0.00E+00
1740	259337	4027196.03	1.86E-02	3.41E-03	2.55E-03	0.00E+00
1741	259337.3	4027220.23	1.89E-02	3.46E-03	2.58E-03	0.00E+00
1742	259337.6	4027244.43	1.91E-02	3.49E-03	2.61E-03	0.00E+00
1743	259338	4027268.62	1.93E-02	3.54E-03	2.64E-03	0.00E+00
1744	259310.9	4027123.8	1.17E-02	2.15E-03	1.61E-03	0.00E+00
1745	259311.3	4027147.99	1.23E-02	2.25E-03	1.68E-03	0.00E+00
1746	259311.6	4027172.19	1.27E-02	2.33E-03	1.74E-03	0.00E+00
1747	259312	4027196.39	1.31E-02	2.40E-03	1.79E-03	0.00E+00
1748	259312.3	4027220.58	1.34E-02	2.45E-03	1.83E-03	0.00E+00
1749	259312.6	4027244.78	1.36E-02	2.49E-03	1.86E-03	0.00E+00
1750	259313	4027268.97	1.38E-02	2.52E-03	1.88E-03	0.00E+00
1751	259286.3	4027148.35	9.29E-03	1.70E-03	1.27E-03	0.00E+00
1752	259286.6	4027172.54	9.68E-03	1.77E-03	1.32E-03	0.00E+00
1753	259287	4027196.74	1.00E-02	1.84E-03	1.37E-03	0.00E+00
1754	259287.3	4027220.93	1.03E-02	1.88E-03	1.41E-03	0.00E+00
1755	259287.7	4027245.13	1.05E-02	1.92E-03	1.43E-03	0.00E+00
1756	259288	4027269.32	1.06E-02	1.95E-03	1.45E-03	0.00E+00
1757	259261	4027124.5	7.11E-03	1.30E-03	9.72E-04	0.00E+00
1758	259261.3	4027148.7	7.46E-03	1.37E-03	1.02E-03	0.00E+00
1759	259261.6	4027172.89	7.78E-03	1.42E-03	1.06E-03	0.00E+00
1760	259262	4027197.09	8.06E-03	1.48E-03	1.10E-03	0.00E+00
1761	259262.3	4027221.28	8.30E-03	1.52E-03	1.13E-03	0.00E+00
1762	259262.7	4027245.48	8.48E-03	1.55E-03	1.16E-03	0.00E+00
1763	259263	4027269.68	8.61E-03	1.58E-03	1.18E-03	0.00E+00
1764	259211	4027125.2	5.10E-03	9.33E-04	6.96E-04	0.00E+00
1765	259211.3	4027149.4	5.33E-03	9.76E-04	7.29E-04	0.00E+00
1766	259211.6	4027173.59	5.55E-03	1.02E-03	7.58E-04	0.00E+00
1767	259212	4027197.79	5.74E-03	1.05E-03	7.85E-04	0.00E+00
1768	259212.3	4027221.99	5.91E-03	1.08E-03	8.08E-04	0.00E+00
1769	259212.7	4027246.18	6.05E-03	1.11E-03	8.27E-04	0.00E+00
1770	259213	4027270.38	6.16E-03	1.13E-03	8.42E-04	0.00E+00
1771	259161	4027125.91	3.96E-03	7.25E-04	5.41E-04	0.00E+00
1772	259161.3	4027150.1	4.13E-03	7.56E-04	5.64E-04	0.00E+00
1773	259161.6	4027174.3	4.29E-03	7.85E-04	5.86E-04	0.00E+00
1774	259162	4027198.49	4.42E-03	8.10E-04	6.05E-04	0.00E+00
1775	259162.3	4027222.69	4.54E-03	8.32E-04	6.21E-04	0.00E+00
1776	259162.7	4027246.88	4.64E-03	8.50E-04	6.35E-04	0.00E+00
1777	259163	4027271.08	4.73E-03	8.66E-04	6.47E-04	0.00E+00
1778	259111.3	4027150.8	3.35E-03	6.14E-04	4.58E-04	0.00E+00
1779	259111.6	4027175	3.47E-03	6.35E-04	4.74E-04	0.00E+00

1780	259112	4027199.2	3.58E-03	6.55E-04	4.89E-04	0.00E+00
1781	259112.3	4027223.39	3.67E-03	6.71E-04	5.01E-04	0.00E+00
1782	259112.7	4027247.59	3.74E-03	6.85E-04	5.12E-04	0.00E+00
1783	259113	4027271.78	3.81E-03	6.97E-04	5.20E-04	0.00E+00
1784	259061.3	4027151.51	2.82E-03	5.17E-04	3.86E-04	0.00E+00
1785	259061.7	4027175.7	2.91E-03	5.33E-04	3.98E-04	0.00E+00
1786	259062	4027199.9	2.99E-03	5.47E-04	4.08E-04	0.00E+00
1787	259062.3	4027224.09	3.06E-03	5.60E-04	4.18E-04	0.00E+00
1788	259062.7	4027248.29	3.12E-03	5.70E-04	4.26E-04	0.00E+00
1789	259063	4027272.49	3.16E-03	5.79E-04	4.33E-04	0.00E+00
1790	258961.3	4027152.91	2.13E-03	3.90E-04	2.91E-04	0.00E+00
1791	258961.7	4027177.11	2.18E-03	3.99E-04	2.98E-04	0.00E+00
1792	258962	4027201.3	2.23E-03	4.08E-04	3.05E-04	0.00E+00
1793	258962.3	4027225.5	2.27E-03	4.16E-04	3.11E-04	0.00E+00
1794	258962.7	4027249.69	2.32E-03	4.24E-04	3.16E-04	0.00E+00
1795	258963	4027273.89	2.35E-03	4.29E-04	3.21E-04	0.00E+00
1796	258861.3	4027154.32	1.70E-03	3.10E-04	2.32E-04	0.00E+00
1797	258861.7	4027178.51	1.73E-03	3.17E-04	2.36E-04	0.00E+00
1798	258862	4027202.71	1.77E-03	3.23E-04	2.41E-04	0.00E+00
1799	258862.4	4027226.9	1.80E-03	3.29E-04	2.46E-04	0.00E+00
1800	258862.7	4027251.1	1.83E-03	3.35E-04	2.50E-04	0.00E+00
1801	258863	4027275.3	1.86E-03	3.40E-04	2.54E-04	0.00E+00
1802	258761.7	4027179.92	1.43E-03	2.62E-04	1.96E-04	0.00E+00
1803	258762	4027204.11	1.46E-03	2.68E-04	2.00E-04	0.00E+00
1804	258762.4	4027228.31	1.49E-03	2.73E-04	2.04E-04	0.00E+00
1805	258762.7	4027252.5	1.52E-03	2.77E-04	2.07E-04	0.00E+00
1806	258763	4027276.7	1.54E-03	2.82E-04	2.11E-04	0.00E+00
1807	258661.4	4027157.13	1.21E-03	2.21E-04	1.65E-04	0.00E+00
1808	258661.7	4027181.32	1.23E-03	2.25E-04	1.68E-04	0.00E+00
1809	258662	4027205.52	1.25E-03	2.30E-04	1.71E-04	0.00E+00
1810	258662.4	4027229.71	1.28E-03	2.34E-04	1.75E-04	0.00E+00
1811	258662.7	4027253.91	1.30E-03	2.38E-04	1.78E-04	0.00E+00
1812	258663.1	4027278.11	1.32E-03	2.42E-04	1.80E-04	0.00E+00
1813	258462.1	4027208.33	9.76E-04	1.79E-04	1.33E-04	0.00E+00
1814	258462.4	4027232.52	9.90E-04	1.81E-04	1.35E-04	0.00E+00
1815	258462.7	4027256.72	1.01E-03	1.84E-04	1.38E-04	0.00E+00
1816	258463.1	4027280.92	1.02E-03	1.87E-04	1.40E-04	0.00E+00
1817	258262.1	4027211.14	8.10E-04	1.48E-04	1.11E-04	0.00E+00
1818	258262.4	4027235.33	8.20E-04	1.50E-04	1.12E-04	0.00E+00
1819	258262.8	4027259.53	8.29E-04	1.52E-04	1.13E-04	0.00E+00
1820	258263.1	4027283.73	8.42E-04	1.54E-04	1.15E-04	0.00E+00
1821	258062.4	4027238.14	7.00E-04	1.28E-04	9.57E-05	0.00E+00
1822	258062.8	4027262.34	7.04E-04	1.29E-04	9.62E-05	0.00E+00
1823	258063.1	4027286.54	7.07E-04	1.29E-04	9.66E-05	0.00E+00
1824	257862.5	4027240.95	6.13E-04	1.12E-04	8.38E-05	0.00E+00
1825	257862.8	4027265.15	6.17E-04	1.13E-04	8.44E-05	0.00E+00
1826	257863.1	4027289.35	6.20E-04	1.13E-04	8.47E-05	0.00E+00

1827	259338.2	4027292.34	1.98E-02	3.62E-03	2.70E-03	0.00E+00
1828	259338.4	4027316.19	2.02E-02	3.69E-03	2.76E-03	0.00E+00
1829	259338.6	4027340.05	2.00E-02	3.65E-03	2.73E-03	0.00E+00
1830	259313.2	4027292.55	1.40E-02	2.56E-03	1.91E-03	0.00E+00
1831	259313.4	4027316.4	1.41E-02	2.57E-03	1.92E-03	0.00E+00
1832	259313.6	4027340.26	1.37E-02	2.51E-03	1.88E-03	0.00E+00
1833	259288.2	4027292.76	1.07E-02	1.96E-03	1.46E-03	0.00E+00
1834	259288.4	4027316.61	1.08E-02	1.98E-03	1.48E-03	0.00E+00
1835	259288.6	4027340.47	1.08E-02	1.97E-03	1.47E-03	0.00E+00
1836	259263.2	4027292.96	8.68E-03	1.59E-03	1.19E-03	0.00E+00
1837	259263.4	4027316.82	8.74E-03	1.60E-03	1.19E-03	0.00E+00
1838	259263.6	4027340.68	8.79E-03	1.61E-03	1.20E-03	0.00E+00
1839	259213.2	4027293.38	6.24E-03	1.14E-03	8.53E-04	0.00E+00
1840	259213.4	4027317.24	6.30E-03	1.15E-03	8.61E-04	0.00E+00
1841	259213.6	4027341.1	6.33E-03	1.16E-03	8.65E-04	0.00E+00
1842	259163.2	4027293.8	4.80E-03	8.79E-04	6.56E-04	0.00E+00
1843	259163.4	4027317.66	4.85E-03	8.88E-04	6.63E-04	0.00E+00
1844	259163.6	4027341.52	4.84E-03	8.87E-04	6.62E-04	0.00E+00
1845	259113.2	4027294.22	3.85E-03	7.06E-04	5.27E-04	0.00E+00
1846	259113.4	4027318.08	3.89E-03	7.13E-04	5.32E-04	0.00E+00
1847	259113.6	4027341.94	3.92E-03	7.18E-04	5.36E-04	0.00E+00
1848	259063.4	4027318.5	3.23E-03	5.92E-04	4.42E-04	0.00E+00
1849	259063.6	4027342.35	3.26E-03	5.97E-04	4.46E-04	0.00E+00
1850	258963.4	4027319.34	2.39E-03	4.37E-04	3.26E-04	0.00E+00
1851	258963.6	4027343.19	2.41E-03	4.41E-04	3.29E-04	0.00E+00
1852	258863.4	4027320.17	1.90E-03	3.48E-04	2.60E-04	0.00E+00
1853	258863.6	4027344.03	1.92E-03	3.51E-04	2.62E-04	0.00E+00
1854	258763.4	4027321.01	1.58E-03	2.89E-04	2.16E-04	0.00E+00
1855	258763.6	4027344.87	1.60E-03	2.92E-04	2.18E-04	0.00E+00
1856	258663.4	4027321.85	1.35E-03	2.47E-04	1.85E-04	0.00E+00
1857	258663.6	4027345.71	1.36E-03	2.50E-04	1.86E-04	0.00E+00
1858	258463.4	4027323.53	1.05E-03	1.91E-04	1.43E-04	0.00E+00
1859	258463.6	4027347.38	1.05E-03	1.93E-04	1.44E-04	0.00E+00
1860	258263.4	4027325.2	8.55E-04	1.56E-04	1.17E-04	0.00E+00
1861	258263.6	4027349.06	8.59E-04	1.57E-04	1.17E-04	0.00E+00
1862	258063.4	4027326.88	7.13E-04	1.31E-04	9.75E-05	0.00E+00
1863	258063.6	4027350.74	7.15E-04	1.31E-04	9.77E-05	0.00E+00
1864	257863.4	4027328.56	6.20E-04	1.14E-04	8.48E-05	0.00E+00
1865	257863.6	4027352.41	6.22E-04	1.14E-04	8.50E-05	0.00E+00
1866	259339.2	4027365.21	1.99E-02	3.64E-03	2.72E-03	0.00E+00
1867	259339.9	4027389.95	1.98E-02	3.62E-03	2.70E-03	0.00E+00
1868	259340.5	4027414.68	1.94E-02	3.55E-03	2.65E-03	0.00E+00
1869	259341.1	4027439.41	1.89E-02	3.47E-03	2.59E-03	0.00E+00
1870	259341.8	4027464.14	1.82E-02	3.32E-03	2.48E-03	0.00E+00
1871	259342.4	4027488.87	1.68E-02	3.08E-03	2.30E-03	0.00E+00
1872	259343	4027513.6	1.47E-02	2.69E-03	2.01E-03	0.00E+00
1873	259343.7	4027538.33	1.23E-02	2.25E-03	1.68E-03	0.00E+00

1874	259344.3	4027563.06	1.04E-02	1.90E-03	1.41E-03	0.00E+00
1875	259345	4027587.8	8.92E-03	1.63E-03	1.22E-03	0.00E+00
1876	259345.6	4027612.53	7.85E-03	1.44E-03	1.07E-03	0.00E+00
1877	259346.2	4027637.26	7.07E-03	1.29E-03	9.66E-04	0.00E+00
1878	259346.9	4027661.99	6.48E-03	1.19E-03	8.86E-04	0.00E+00
1879	259347.5	4027686.72	6.03E-03	1.10E-03	8.24E-04	0.00E+00
1880	259348.1	4027711.45	5.62E-03	1.03E-03	7.68E-04	0.00E+00
1881	259314.2	4027365.86	1.36E-02	2.48E-03	1.85E-03	0.00E+00
1882	259314.9	4027390.59	1.36E-02	2.48E-03	1.85E-03	0.00E+00
1883	259315.5	4027415.32	1.35E-02	2.47E-03	1.85E-03	0.00E+00
1884	259316.1	4027440.05	1.32E-02	2.42E-03	1.81E-03	0.00E+00
1885	259316.8	4027464.78	1.27E-02	2.33E-03	1.74E-03	0.00E+00
1886	259317.4	4027489.51	1.20E-02	2.19E-03	1.64E-03	0.00E+00
1887	259318.1	4027514.24	1.09E-02	2.00E-03	1.49E-03	0.00E+00
1888	259318.7	4027538.98	9.80E-03	1.79E-03	1.34E-03	0.00E+00
1889	259319.3	4027563.71	8.75E-03	1.60E-03	1.20E-03	0.00E+00
1890	259320	4027588.44	7.86E-03	1.44E-03	1.07E-03	0.00E+00
1891	259320.6	4027613.17	7.13E-03	1.30E-03	9.74E-04	0.00E+00
1892	259321.2	4027637.9	6.49E-03	1.19E-03	8.87E-04	0.00E+00
1893	259321.9	4027662.63	5.99E-03	1.10E-03	8.19E-04	0.00E+00
1894	259322.5	4027687.36	5.60E-03	1.03E-03	7.66E-04	0.00E+00
1895	259323.1	4027712.1	5.25E-03	9.61E-04	7.17E-04	0.00E+00
1896	259289.2	4027366.5	1.06E-02	1.94E-03	1.45E-03	0.00E+00
1897	259289.9	4027391.23	1.05E-02	1.93E-03	1.44E-03	0.00E+00
1898	259290.5	4027415.96	1.05E-02	1.92E-03	1.43E-03	0.00E+00
1899	259291.2	4027440.69	1.03E-02	1.89E-03	1.41E-03	0.00E+00
1900	259291.8	4027465.42	9.92E-03	1.82E-03	1.36E-03	0.00E+00
1901	259292.4	4027490.16	9.42E-03	1.73E-03	1.29E-03	0.00E+00
1902	259293.1	4027514.89	8.77E-03	1.61E-03	1.20E-03	0.00E+00
1903	259293.7	4027539.62	8.13E-03	1.49E-03	1.11E-03	0.00E+00
1904	259294.3	4027564.35	7.53E-03	1.38E-03	1.03E-03	0.00E+00
1905	259295	4027589.08	6.93E-03	1.27E-03	9.48E-04	0.00E+00
1906	259295.6	4027613.81	6.40E-03	1.17E-03	8.75E-04	0.00E+00
1907	259296.2	4027638.54	5.91E-03	1.08E-03	8.08E-04	0.00E+00
1908	259296.9	4027663.28	5.50E-03	1.01E-03	7.52E-04	0.00E+00
1909	259297.5	4027688.01	5.17E-03	9.47E-04	7.07E-04	0.00E+00
1910	259298.1	4027712.74	4.89E-03	8.95E-04	6.68E-04	0.00E+00
1911	259264.3	4027367.14	8.74E-03	1.60E-03	1.19E-03	0.00E+00
1912	259264.9	4027391.87	8.69E-03	1.59E-03	1.19E-03	0.00E+00
1913	259265.5	4027416.6	8.61E-03	1.58E-03	1.18E-03	0.00E+00
1914	259266.2	4027441.34	8.46E-03	1.55E-03	1.16E-03	0.00E+00
1915	259266.8	4027466.07	8.19E-03	1.50E-03	1.12E-03	0.00E+00
1916	259267.4	4027490.8	7.82E-03	1.43E-03	1.07E-03	0.00E+00
1917	259268.1	4027515.53	7.39E-03	1.35E-03	1.01E-03	0.00E+00
1918	259268.7	4027540.26	6.96E-03	1.27E-03	9.51E-04	0.00E+00
1919	259269.3	4027564.99	6.54E-03	1.20E-03	8.94E-04	0.00E+00
1920	259270	4027589.72	6.12E-03	1.12E-03	8.37E-04	0.00E+00

1921	259270.6	4027614.46	5.74E-03	1.05E-03	7.84E-04	0.00E+00
1922	259271.3	4027639.19	5.38E-03	9.85E-04	7.35E-04	0.00E+00
1923	259271.9	4027663.92	5.06E-03	9.26E-04	6.91E-04	0.00E+00
1924	259272.5	4027688.65	4.78E-03	8.75E-04	6.53E-04	0.00E+00
1925	259273.2	4027713.38	4.54E-03	8.31E-04	6.20E-04	0.00E+00
1926	259214.3	4027368.43	6.34E-03	1.16E-03	8.66E-04	0.00E+00
1927	259214.9	4027393.16	6.31E-03	1.16E-03	8.62E-04	0.00E+00
1928	259215.5	4027417.89	6.25E-03	1.14E-03	8.54E-04	0.00E+00
1929	259216.2	4027442.62	6.15E-03	1.13E-03	8.40E-04	0.00E+00
1930	259216.8	4027467.35	6.04E-03	1.11E-03	8.25E-04	0.00E+00
1931	259217.5	4027492.08	5.86E-03	1.07E-03	8.01E-04	0.00E+00
1932	259218.1	4027516.82	5.65E-03	1.03E-03	7.72E-04	0.00E+00
1933	259218.7	4027541.55	5.39E-03	9.88E-04	7.37E-04	0.00E+00
1934	259219.4	4027566.28	5.12E-03	9.38E-04	7.00E-04	0.00E+00
1935	259220	4027591.01	4.86E-03	8.91E-04	6.65E-04	0.00E+00
1936	259220.6	4027615.74	4.67E-03	8.54E-04	6.38E-04	0.00E+00
1937	259221.3	4027640.47	4.46E-03	8.17E-04	6.10E-04	0.00E+00
1938	259221.9	4027665.2	4.27E-03	7.81E-04	5.83E-04	0.00E+00
1939	259222.5	4027689.93	4.09E-03	7.48E-04	5.58E-04	0.00E+00
1940	259223.2	4027714.67	3.93E-03	7.19E-04	5.36E-04	0.00E+00
1941	259164.3	4027369.71	4.86E-03	8.89E-04	6.64E-04	0.00E+00
1942	259164.9	4027394.44	4.86E-03	8.90E-04	6.65E-04	0.00E+00
1943	259165.6	4027419.18	4.84E-03	8.87E-04	6.62E-04	0.00E+00
1944	259166.2	4027443.91	4.79E-03	8.77E-04	6.54E-04	0.00E+00
1945	259166.8	4027468.64	4.72E-03	8.65E-04	6.46E-04	0.00E+00
1946	259167.5	4027493.37	4.62E-03	8.46E-04	6.32E-04	0.00E+00
1947	259168.1	4027518.1	4.49E-03	8.21E-04	6.13E-04	0.00E+00
1948	259168.7	4027542.83	4.35E-03	7.97E-04	5.95E-04	0.00E+00
1949	259169.4	4027567.56	4.22E-03	7.72E-04	5.76E-04	0.00E+00
1950	259170	4027592.29	4.05E-03	7.42E-04	5.54E-04	0.00E+00
1951	259170.6	4027617.03	3.93E-03	7.20E-04	5.38E-04	0.00E+00
1952	259171.3	4027641.76	3.81E-03	6.98E-04	5.21E-04	0.00E+00
1953	259171.9	4027666.49	3.68E-03	6.74E-04	5.03E-04	0.00E+00
1954	259172.6	4027691.22	3.55E-03	6.50E-04	4.85E-04	0.00E+00
1955	259173.2	4027715.95	3.43E-03	6.27E-04	4.68E-04	0.00E+00
1956	259114.3	4027371	3.95E-03	7.22E-04	5.39E-04	0.00E+00
1957	259114.9	4027395.73	3.94E-03	7.21E-04	5.38E-04	0.00E+00
1958	259115.6	4027420.46	3.91E-03	7.16E-04	5.35E-04	0.00E+00
1959	259116.2	4027445.19	3.88E-03	7.10E-04	5.30E-04	0.00E+00
1960	259116.8	4027469.92	3.84E-03	7.04E-04	5.25E-04	0.00E+00
1961	259117.5	4027494.65	3.79E-03	6.94E-04	5.18E-04	0.00E+00
1962	259118.1	4027519.39	3.74E-03	6.85E-04	5.11E-04	0.00E+00
1963	259118.8	4027544.12	3.68E-03	6.75E-04	5.04E-04	0.00E+00
1964	259119.4	4027568.85	3.61E-03	6.60E-04	4.93E-04	0.00E+00
1965	259120	4027593.58	3.50E-03	6.41E-04	4.79E-04	0.00E+00
1966	259120.7	4027618.31	3.40E-03	6.23E-04	4.65E-04	0.00E+00
1967	259121.3	4027643.04	3.31E-03	6.06E-04	4.52E-04	0.00E+00

1968	259121.9	4027667.77	3.21E-03	5.88E-04	4.39E-04	0.00E+00
1969	259122.6	4027692.51	3.11E-03	5.70E-04	4.26E-04	0.00E+00
1970	259123.2	4027717.24	3.02E-03	5.52E-04	4.12E-04	0.00E+00
1971	259064.3	4027372.28	3.29E-03	6.02E-04	4.49E-04	0.00E+00
1972	259065	4027397.02	3.29E-03	6.02E-04	4.49E-04	0.00E+00
1973	259065.6	4027421.75	3.27E-03	5.99E-04	4.47E-04	0.00E+00
1974	259066.2	4027446.48	3.25E-03	5.96E-04	4.45E-04	0.00E+00
1975	259066.9	4027471.21	3.24E-03	5.94E-04	4.43E-04	0.00E+00
1976	259067.5	4027495.94	3.24E-03	5.93E-04	4.43E-04	0.00E+00
1977	259068.1	4027520.67	3.21E-03	5.88E-04	4.39E-04	0.00E+00
1978	259068.8	4027545.4	3.17E-03	5.80E-04	4.33E-04	0.00E+00
1979	259069.4	4027570.13	3.11E-03	5.69E-04	4.25E-04	0.00E+00
1980	259070	4027594.87	3.04E-03	5.56E-04	4.15E-04	0.00E+00
1981	259070.7	4027619.6	2.98E-03	5.45E-04	4.07E-04	0.00E+00
1982	259071.3	4027644.33	2.91E-03	5.32E-04	3.97E-04	0.00E+00
1983	259072	4027669.06	2.83E-03	5.18E-04	3.87E-04	0.00E+00
1984	259072.6	4027693.79	2.75E-03	5.04E-04	3.76E-04	0.00E+00
1985	259073.2	4027718.52	2.68E-03	4.91E-04	3.66E-04	0.00E+00
1986	258964.4	4027374.85	2.43E-03	4.44E-04	3.32E-04	0.00E+00
1987	258965	4027399.59	2.44E-03	4.46E-04	3.33E-04	0.00E+00
1988	258965.6	4027424.32	2.45E-03	4.48E-04	3.35E-04	0.00E+00
1989	258966.3	4027449.05	2.46E-03	4.51E-04	3.37E-04	0.00E+00
1990	258966.9	4027473.78	2.47E-03	4.51E-04	3.37E-04	0.00E+00
1991	258967.5	4027498.51	2.46E-03	4.50E-04	3.36E-04	0.00E+00
1992	258968.2	4027523.24	2.45E-03	4.48E-04	3.34E-04	0.00E+00
1993	258968.8	4027547.97	2.43E-03	4.44E-04	3.32E-04	0.00E+00
1994	258969.4	4027572.71	2.40E-03	4.39E-04	3.28E-04	0.00E+00
1995	258970.1	4027597.44	2.37E-03	4.33E-04	3.23E-04	0.00E+00
1996	258970.7	4027622.17	2.33E-03	4.27E-04	3.18E-04	0.00E+00
1997	258971.3	4027646.9	2.29E-03	4.20E-04	3.14E-04	0.00E+00
1998	258972	4027671.63	2.26E-03	4.15E-04	3.09E-04	0.00E+00
1999	258972.6	4027696.36	2.23E-03	4.08E-04	3.05E-04	0.00E+00
2000	258973.3	4027721.09	2.19E-03	4.01E-04	3.00E-04	0.00E+00
2001	258864.4	4027377.43	1.93E-03	3.54E-04	2.64E-04	0.00E+00
2002	258865	4027402.16	1.94E-03	3.56E-04	2.66E-04	0.00E+00
2003	258865.7	4027426.89	1.95E-03	3.57E-04	2.67E-04	0.00E+00
2004	258866.3	4027451.62	1.96E-03	3.58E-04	2.67E-04	0.00E+00
2005	258866.9	4027476.35	1.96E-03	3.58E-04	2.67E-04	0.00E+00
2006	258867.6	4027501.08	1.96E-03	3.58E-04	2.67E-04	0.00E+00
2007	258868.2	4027525.81	1.95E-03	3.56E-04	2.66E-04	0.00E+00
2008	258868.8	4027550.54	1.94E-03	3.55E-04	2.65E-04	0.00E+00
2009	258869.5	4027575.28	1.93E-03	3.54E-04	2.64E-04	0.00E+00
2010	258870.1	4027600.01	1.92E-03	3.52E-04	2.62E-04	0.00E+00
2011	258870.7	4027624.74	1.90E-03	3.49E-04	2.60E-04	0.00E+00
2012	258871.4	4027649.47	1.89E-03	3.45E-04	2.58E-04	0.00E+00
2013	258872	4027674.2	1.87E-03	3.42E-04	2.55E-04	0.00E+00
2014	258872.7	4027698.93	1.85E-03	3.38E-04	2.52E-04	0.00E+00

2015	258873.3	4027723.66	1.82E-03	3.34E-04	2.49E-04	0.00E+00
2016	258764.4	4027380	1.62E-03	2.96E-04	2.21E-04	0.00E+00
2017	258765.1	4027404.73	1.63E-03	2.98E-04	2.22E-04	0.00E+00
2018	258765.7	4027429.46	1.63E-03	2.99E-04	2.23E-04	0.00E+00
2019	258766.3	4027454.19	1.63E-03	2.99E-04	2.23E-04	0.00E+00
2020	258767	4027478.92	1.63E-03	2.99E-04	2.23E-04	0.00E+00
2021	258767.6	4027503.65	1.63E-03	2.98E-04	2.23E-04	0.00E+00
2022	258768.2	4027528.38	1.63E-03	2.98E-04	2.22E-04	0.00E+00
2023	258768.9	4027553.12	1.62E-03	2.97E-04	2.22E-04	0.00E+00
2024	258769.5	4027577.85	1.62E-03	2.96E-04	2.21E-04	0.00E+00
2025	258770.1	4027602.58	1.61E-03	2.94E-04	2.20E-04	0.00E+00
2026	258770.8	4027627.31	1.60E-03	2.93E-04	2.18E-04	0.00E+00
2027	258771.4	4027652.04	1.59E-03	2.91E-04	2.17E-04	0.00E+00
2028	258772.1	4027676.77	1.58E-03	2.89E-04	2.15E-04	0.00E+00
2029	258772.7	4027701.5	1.56E-03	2.86E-04	2.13E-04	0.00E+00
2030	258773.3	4027726.23	1.55E-03	2.83E-04	2.12E-04	0.00E+00
2031	258664.5	4027382.57	1.38E-03	2.53E-04	1.89E-04	0.00E+00
2032	258665.1	4027407.3	1.39E-03	2.54E-04	1.89E-04	0.00E+00
2033	258665.7	4027432.03	1.39E-03	2.55E-04	1.90E-04	0.00E+00
2034	258666.4	4027456.76	1.40E-03	2.56E-04	1.91E-04	0.00E+00
2035	258667	4027481.49	1.40E-03	2.56E-04	1.91E-04	0.00E+00
2036	258667.6	4027506.22	1.40E-03	2.57E-04	1.91E-04	0.00E+00
2037	258668.3	4027530.95	1.40E-03	2.56E-04	1.91E-04	0.00E+00
2038	258668.9	4027555.69	1.39E-03	2.55E-04	1.90E-04	0.00E+00
2039	258669.5	4027580.42	1.39E-03	2.54E-04	1.90E-04	0.00E+00
2040	258670.2	4027605.15	1.38E-03	2.53E-04	1.89E-04	0.00E+00
2041	258670.8	4027629.88	1.38E-03	2.53E-04	1.89E-04	0.00E+00
2042	258671.4	4027654.61	1.37E-03	2.51E-04	1.88E-04	0.00E+00
2043	258672.1	4027679.34	1.37E-03	2.50E-04	1.87E-04	0.00E+00
2044	258672.7	4027704.07	1.36E-03	2.49E-04	1.86E-04	0.00E+00
2045	258673.4	4027728.81	1.35E-03	2.47E-04	1.85E-04	0.00E+00
2046	258464.5	4027387.71	1.06E-03	1.95E-04	1.45E-04	0.00E+00
2047	258465.2	4027412.44	1.07E-03	1.96E-04	1.46E-04	0.00E+00
2048	258465.8	4027437.17	1.07E-03	1.96E-04	1.46E-04	0.00E+00
2049	258466.4	4027461.9	1.07E-03	1.96E-04	1.47E-04	0.00E+00
2050	258467.1	4027486.63	1.08E-03	1.97E-04	1.47E-04	0.00E+00
2051	258467.7	4027511.37	1.08E-03	1.98E-04	1.48E-04	0.00E+00
2052	258468.3	4027536.1	1.08E-03	1.98E-04	1.48E-04	0.00E+00
2053	258469	4027560.83	1.09E-03	1.99E-04	1.48E-04	0.00E+00
2054	258469.6	4027585.56	1.08E-03	1.99E-04	1.48E-04	0.00E+00
2055	258470.2	4027610.29	1.09E-03	1.99E-04	1.49E-04	0.00E+00
2056	258470.9	4027635.02	1.09E-03	1.99E-04	1.49E-04	0.00E+00
2057	258471.5	4027659.75	1.09E-03	1.99E-04	1.48E-04	0.00E+00
2058	258472.2	4027684.48	1.08E-03	1.98E-04	1.48E-04	0.00E+00
2059	258472.8	4027709.22	1.08E-03	1.98E-04	1.48E-04	0.00E+00
2060	258473.4	4027733.95	1.08E-03	1.97E-04	1.47E-04	0.00E+00
2061	258264.6	4027392.85	8.68E-04	1.59E-04	1.19E-04	0.00E+00

2062	258265.2	4027417.58	8.69E-04	1.59E-04	1.19E-04	0.00E+00
2063	258265.9	4027442.31	8.68E-04	1.59E-04	1.19E-04	0.00E+00
2064	258266.5	4027467.04	8.70E-04	1.59E-04	1.19E-04	0.00E+00
2065	258267.1	4027491.78	8.73E-04	1.60E-04	1.19E-04	0.00E+00
2066	258267.8	4027516.51	8.75E-04	1.60E-04	1.20E-04	0.00E+00
2067	258268.4	4027541.24	8.76E-04	1.60E-04	1.20E-04	0.00E+00
2068	258269	4027565.97	8.78E-04	1.61E-04	1.20E-04	0.00E+00
2069	258269.7	4027590.7	8.85E-04	1.62E-04	1.21E-04	0.00E+00
2070	258270.3	4027615.43	8.90E-04	1.63E-04	1.22E-04	0.00E+00
2071	258270.9	4027640.16	8.91E-04	1.63E-04	1.22E-04	0.00E+00
2072	258271.6	4027664.89	8.93E-04	1.63E-04	1.22E-04	0.00E+00
2073	258272.2	4027689.63	8.95E-04	1.64E-04	1.22E-04	0.00E+00
2074	258272.9	4027714.36	8.95E-04	1.64E-04	1.22E-04	0.00E+00
2075	258273.5	4027739.09	8.93E-04	1.63E-04	1.22E-04	0.00E+00
2076	258064	4027373.26	7.18E-04	1.31E-04	9.81E-05	0.00E+00
2077	258064.7	4027397.99	7.21E-04	1.32E-04	9.86E-05	0.00E+00
2078	258065.3	4027422.72	7.25E-04	1.33E-04	9.91E-05	0.00E+00
2079	258065.9	4027447.45	7.30E-04	1.34E-04	9.97E-05	0.00E+00
2080	258066.6	4027472.19	7.35E-04	1.35E-04	1.00E-04	0.00E+00
2081	258067.2	4027496.92	7.41E-04	1.36E-04	1.01E-04	0.00E+00
2082	258067.8	4027521.65	7.44E-04	1.36E-04	1.02E-04	0.00E+00
2083	258068.5	4027546.38	7.48E-04	1.37E-04	1.02E-04	0.00E+00
2084	258069.1	4027571.11	7.49E-04	1.37E-04	1.02E-04	0.00E+00
2085	258069.7	4027595.84	7.50E-04	1.37E-04	1.03E-04	0.00E+00
2086	258070.4	4027620.57	7.52E-04	1.38E-04	1.03E-04	0.00E+00
2087	258071	4027645.3	7.55E-04	1.38E-04	1.03E-04	0.00E+00
2088	258071.6	4027670.04	7.60E-04	1.39E-04	1.04E-04	0.00E+00
2089	258072.3	4027694.77	7.64E-04	1.40E-04	1.04E-04	0.00E+00
2090	258072.9	4027719.5	7.66E-04	1.40E-04	1.05E-04	0.00E+00
2091	258073.6	4027744.23	7.66E-04	1.40E-04	1.05E-04	0.00E+00
2092	257864.1	4027378.4	6.24E-04	1.14E-04	8.53E-05	0.00E+00
2093	257864.7	4027403.13	6.27E-04	1.15E-04	8.57E-05	0.00E+00
2094	257865.4	4027427.86	6.29E-04	1.15E-04	8.59E-05	0.00E+00
2095	257866	4027452.6	6.31E-04	1.16E-04	8.63E-05	0.00E+00
2096	257866.6	4027477.33	6.34E-04	1.16E-04	8.66E-05	0.00E+00
2097	257867.3	4027502.06	6.37E-04	1.17E-04	8.70E-05	0.00E+00
2098	257867.9	4027526.79	6.44E-04	1.18E-04	8.80E-05	0.00E+00
2099	257868.5	4027551.52	6.49E-04	1.19E-04	8.87E-05	0.00E+00
2100	257869.2	4027576.25	6.51E-04	1.19E-04	8.89E-05	0.00E+00
2101	257869.8	4027600.98	6.53E-04	1.19E-04	8.92E-05	0.00E+00
2102	257870.4	4027625.72	6.56E-04	1.20E-04	8.97E-05	0.00E+00
2103	257871.1	4027650.45	6.58E-04	1.20E-04	8.99E-05	0.00E+00
2104	257871.7	4027675.18	6.59E-04	1.21E-04	9.00E-05	0.00E+00
2105	257872.3	4027699.91	6.61E-04	1.21E-04	9.03E-05	0.00E+00
2106	257873	4027724.64	6.64E-04	1.22E-04	9.08E-05	0.00E+00
2107	257873.6	4027749.37	6.67E-04	1.22E-04	9.12E-05	0.00E+00
2108	259373.6	4027735.81	5.57E-03	1.02E-03	7.61E-04	0.00E+00

2109	259396.2	4027735.41	5.89E-03	1.08E-03	8.05E-04	0.00E+00
2110	259418.8	4027735.01	6.23E-03	1.14E-03	8.51E-04	0.00E+00
2111	259441.4	4027734.61	6.58E-03	1.20E-03	8.99E-04	0.00E+00
2112	259464	4027734.22	7.00E-03	1.28E-03	9.57E-04	0.00E+00
2113	259486.5	4027733.82	7.47E-03	1.37E-03	1.02E-03	0.00E+00
2114	259509.1	4027733.42	8.02E-03	1.47E-03	1.10E-03	0.00E+00
2115	259531.7	4027733.02	8.77E-03	1.61E-03	1.20E-03	0.00E+00
2116	259554.3	4027732.62	9.82E-03	1.80E-03	1.34E-03	0.00E+00
2117	259576.9	4027732.23	1.13E-02	2.06E-03	1.54E-03	0.00E+00
2118	259356.3	4027753.86	5.07E-03	9.28E-04	6.93E-04	0.00E+00
2119	259396.6	4027760.4	5.46E-03	9.99E-04	7.46E-04	0.00E+00
2120	259419.2	4027760.01	5.76E-03	1.05E-03	7.87E-04	0.00E+00
2121	259441.8	4027759.61	6.08E-03	1.11E-03	8.30E-04	0.00E+00
2122	259464.4	4027759.21	6.44E-03	1.18E-03	8.81E-04	0.00E+00
2123	259487	4027758.81	6.85E-03	1.25E-03	9.37E-04	0.00E+00
2124	259509.6	4027758.42	7.33E-03	1.34E-03	1.00E-03	0.00E+00
2125	259532.2	4027758.02	7.93E-03	1.45E-03	1.08E-03	0.00E+00
2126	259554.8	4027757.62	8.71E-03	1.59E-03	1.19E-03	0.00E+00
2127	259577.4	4027757.22	9.67E-03	1.77E-03	1.32E-03	0.00E+00
2128	259356.7	4027778.86	4.73E-03	8.66E-04	6.46E-04	0.00E+00
2129	259313.6	4027747.57	4.67E-03	8.55E-04	6.38E-04	0.00E+00
2130	259397	4027785.4	5.07E-03	9.29E-04	6.93E-04	0.00E+00
2131	259419.6	4027785	5.34E-03	9.77E-04	7.29E-04	0.00E+00
2132	259442.2	4027784.61	5.62E-03	1.03E-03	7.68E-04	0.00E+00
2133	259464.8	4027784.21	5.94E-03	1.09E-03	8.12E-04	0.00E+00
2134	259487.4	4027783.81	6.29E-03	1.15E-03	8.60E-04	0.00E+00
2135	259510	4027783.41	6.68E-03	1.22E-03	9.13E-04	0.00E+00
2136	259532.6	4027783.01	7.15E-03	1.31E-03	9.77E-04	0.00E+00
2137	259555.2	4027782.62	7.74E-03	1.42E-03	1.06E-03	0.00E+00
2138	259577.8	4027782.22	8.39E-03	1.54E-03	1.15E-03	0.00E+00
2139	259357.2	4027803.85	4.43E-03	8.11E-04	6.06E-04	0.00E+00
2140	259321.7	4027789.98	4.27E-03	7.82E-04	5.84E-04	0.00E+00
2141	259296.3	4027765.62	4.29E-03	7.85E-04	5.86E-04	0.00E+00
2142	259397.5	4027810.4	4.73E-03	8.66E-04	6.47E-04	0.00E+00
2143	259420.1	4027810	4.96E-03	9.08E-04	6.78E-04	0.00E+00
2144	259442.7	4027809.6	5.21E-03	9.54E-04	7.12E-04	0.00E+00
2145	259465.3	4027809.2	5.49E-03	1.01E-03	7.50E-04	0.00E+00
2146	259487.9	4027808.81	5.79E-03	1.06E-03	7.91E-04	0.00E+00
2147	259510.5	4027808.41	6.10E-03	1.12E-03	8.34E-04	0.00E+00
2148	259533.1	4027808.01	6.47E-03	1.18E-03	8.84E-04	0.00E+00
2149	259555.7	4027807.61	6.90E-03	1.26E-03	9.43E-04	0.00E+00
2150	259578.3	4027807.21	7.38E-03	1.35E-03	1.01E-03	0.00E+00
2151	259358	4027853.85	3.93E-03	7.20E-04	5.37E-04	0.00E+00
2152	259322.6	4027839.97	3.80E-03	6.97E-04	5.20E-04	0.00E+00
2153	259287.1	4027826.09	3.66E-03	6.70E-04	5.00E-04	0.00E+00
2154	259261.7	4027801.73	3.66E-03	6.70E-04	5.00E-04	0.00E+00
2155	259246.3	4027766.91	3.80E-03	6.96E-04	5.20E-04	0.00E+00

2156	259398.4	4027860.39	4.15E-03	7.60E-04	5.67E-04	0.00E+00
2157	259421	4027859.99	4.33E-03	7.93E-04	5.92E-04	0.00E+00
2158	259443.6	4027859.59	4.52E-03	8.27E-04	6.17E-04	0.00E+00
2159	259466.2	4027859.2	4.72E-03	8.65E-04	6.45E-04	0.00E+00
2160	259488.7	4027858.8	4.93E-03	9.03E-04	6.74E-04	0.00E+00
2161	259511.3	4027858.4	5.15E-03	9.43E-04	7.04E-04	0.00E+00
2162	259533.9	4027858	5.39E-03	9.87E-04	7.37E-04	0.00E+00
2163	259556.5	4027857.6	5.64E-03	1.03E-03	7.71E-04	0.00E+00
2164	259579.1	4027857.21	5.89E-03	1.08E-03	8.05E-04	0.00E+00
2165	259356.4	4027902.85	3.50E-03	6.40E-04	4.78E-04	0.00E+00
2166	259315.9	4027886.99	3.40E-03	6.22E-04	4.64E-04	0.00E+00
2167	259275.3	4027871.12	3.26E-03	5.97E-04	4.46E-04	0.00E+00
2168	259226	4027835.36	3.18E-03	5.83E-04	4.35E-04	0.00E+00
2169	259208.4	4027795.56	3.30E-03	6.04E-04	4.51E-04	0.00E+00
2170	259190.8	4027755.75	3.38E-03	6.20E-04	4.63E-04	0.00E+00
2171	259399.2	4027910.38	3.68E-03	6.73E-04	5.02E-04	0.00E+00
2172	259421.8	4027909.98	3.81E-03	6.98E-04	5.21E-04	0.00E+00
2173	259444.4	4027909.59	3.95E-03	7.23E-04	5.40E-04	0.00E+00
2174	259467	4027909.19	4.10E-03	7.50E-04	5.60E-04	0.00E+00
2175	259489.6	4027908.79	4.25E-03	7.78E-04	5.81E-04	0.00E+00
2176	259512.2	4027908.39	4.41E-03	8.07E-04	6.02E-04	0.00E+00
2177	259534.8	4027907.99	4.56E-03	8.35E-04	6.23E-04	0.00E+00
2178	259557.4	4027907.6	4.71E-03	8.63E-04	6.44E-04	0.00E+00
2179	259580	4027907.2	4.85E-03	8.87E-04	6.62E-04	0.00E+00
2180	259357.8	4027953.06	3.14E-03	5.74E-04	4.28E-04	0.00E+00
2181	259318.4	4027937.64	3.07E-03	5.62E-04	4.19E-04	0.00E+00
2182	259279	4027922.22	2.97E-03	5.44E-04	4.06E-04	0.00E+00
2183	259239.6	4027906.8	2.86E-03	5.24E-04	3.91E-04	0.00E+00
2184	259191.7	4027872.02	2.80E-03	5.13E-04	3.83E-04	0.00E+00
2185	259174.5	4027833.33	2.89E-03	5.29E-04	3.95E-04	0.00E+00
2186	259157.4	4027794.63	2.96E-03	5.42E-04	4.04E-04	0.00E+00
2187	259140.3	4027755.93	3.00E-03	5.49E-04	4.10E-04	0.00E+00
2188	259400.1	4027960.37	3.27E-03	5.99E-04	4.47E-04	0.00E+00
2189	259422.7	4027959.98	3.38E-03	6.18E-04	4.62E-04	0.00E+00
2190	259445.3	4027959.58	3.48E-03	6.38E-04	4.76E-04	0.00E+00
2191	259467.9	4027959.18	3.59E-03	6.57E-04	4.91E-04	0.00E+00
2192	259490.5	4027958.78	3.71E-03	6.78E-04	5.06E-04	0.00E+00
2193	259513.1	4027958.38	3.82E-03	6.99E-04	5.22E-04	0.00E+00
2194	259535.7	4027957.99	3.92E-03	7.18E-04	5.36E-04	0.00E+00
2195	259558.3	4027957.59	4.02E-03	7.36E-04	5.50E-04	0.00E+00
2196	259580.9	4027957.19	4.11E-03	7.52E-04	5.61E-04	0.00E+00
2197	259359.1	4028003.19	2.83E-03	5.19E-04	3.87E-04	0.00E+00
2198	259320.4	4027988.05	2.79E-03	5.10E-04	3.81E-04	0.00E+00
2199	259281.7	4027972.91	2.72E-03	4.98E-04	3.72E-04	0.00E+00
2200	259243	4027957.77	2.65E-03	4.84E-04	3.62E-04	0.00E+00
2201	259204.3	4027942.63	2.56E-03	4.69E-04	3.50E-04	0.00E+00
2202	259157.2	4027908.49	2.49E-03	4.56E-04	3.41E-04	0.00E+00

2203	259140.4	4027870.5	2.56E-03	4.68E-04	3.50E-04	0.00E+00
2204	259123.6	4027832.5	2.61E-03	4.78E-04	3.57E-04	0.00E+00
2205	259106.8	4027794.51	2.65E-03	4.86E-04	3.62E-04	0.00E+00
2206	259090	4027756.52	2.67E-03	4.88E-04	3.65E-04	0.00E+00
2207	259401	4028010.37	2.93E-03	5.36E-04	4.00E-04	0.00E+00
2208	259423.6	4028009.97	3.00E-03	5.50E-04	4.11E-04	0.00E+00
2209	259446.2	4028009.57	3.09E-03	5.65E-04	4.22E-04	0.00E+00
2210	259468.8	4028009.17	3.17E-03	5.81E-04	4.33E-04	0.00E+00
2211	259491.4	4028008.77	3.26E-03	5.96E-04	4.45E-04	0.00E+00
2212	259514	4028008.38	3.34E-03	6.11E-04	4.56E-04	0.00E+00
2213	259536.6	4028007.98	3.41E-03	6.25E-04	4.67E-04	0.00E+00
2214	259559.2	4028007.58	3.48E-03	6.38E-04	4.76E-04	0.00E+00
2215	259581.8	4028007.18	3.54E-03	6.49E-04	4.84E-04	0.00E+00
2216	259359.9	4028102.82	2.34E-03	4.29E-04	3.20E-04	0.00E+00
2217	259319.4	4028086.95	2.32E-03	4.24E-04	3.16E-04	0.00E+00
2218	259278.8	4028071.09	2.29E-03	4.20E-04	3.13E-04	0.00E+00
2219	259238.3	4028055.23	2.25E-03	4.12E-04	3.07E-04	0.00E+00
2220	259197.8	4028039.37	2.19E-03	4.00E-04	2.99E-04	0.00E+00
2221	259157.3	4028023.5	2.12E-03	3.88E-04	2.90E-04	0.00E+00
2222	259116.7	4028007.64	2.05E-03	3.74E-04	2.80E-04	0.00E+00
2223	259087.7	4027979.81	2.03E-03	3.71E-04	2.77E-04	0.00E+00
2224	259070.1	4027940.01	2.07E-03	3.79E-04	2.83E-04	0.00E+00
2225	259052.5	4027900.2	2.11E-03	3.86E-04	2.88E-04	0.00E+00
2226	259034.9	4027860.4	2.14E-03	3.92E-04	2.93E-04	0.00E+00
2227	259017.3	4027820.6	2.16E-03	3.95E-04	2.95E-04	0.00E+00
2228	258999.7	4027780.8	2.17E-03	3.98E-04	2.97E-04	0.00E+00
2229	259402.8	4028110.35	2.40E-03	4.40E-04	3.29E-04	0.00E+00
2230	259425.4	4028109.95	2.46E-03	4.50E-04	3.36E-04	0.00E+00
2231	259448	4028109.55	2.51E-03	4.59E-04	3.43E-04	0.00E+00
2232	259470.6	4028109.16	2.56E-03	4.68E-04	3.49E-04	0.00E+00
2233	259493.1	4028108.76	2.60E-03	4.77E-04	3.56E-04	0.00E+00
2234	259515.7	4028108.36	2.64E-03	4.84E-04	3.61E-04	0.00E+00
2235	259538.3	4028107.96	2.68E-03	4.91E-04	3.67E-04	0.00E+00
2236	259560.9	4028107.57	2.71E-03	4.97E-04	3.71E-04	0.00E+00
2237	259583.5	4028107.17	2.73E-03	5.01E-04	3.74E-04	0.00E+00
2238	259361.1	4028202.57	1.98E-03	3.62E-04	2.70E-04	0.00E+00
2239	259319.3	4028186.24	1.97E-03	3.60E-04	2.69E-04	0.00E+00
2240	259277.6	4028169.91	1.96E-03	3.58E-04	2.67E-04	0.00E+00
2241	259235.9	4028153.58	1.94E-03	3.55E-04	2.65E-04	0.00E+00
2242	259194.2	4028137.25	1.90E-03	3.48E-04	2.60E-04	0.00E+00
2243	259152.5	4028120.92	1.86E-03	3.41E-04	2.54E-04	0.00E+00
2244	259110.7	4028104.59	1.81E-03	3.30E-04	2.47E-04	0.00E+00
2245	259069	4028088.27	1.74E-03	3.19E-04	2.38E-04	0.00E+00
2246	259018.3	4028051.45	1.70E-03	3.11E-04	2.32E-04	0.00E+00
2247	259000.1	4028010.48	1.73E-03	3.17E-04	2.37E-04	0.00E+00
2248	258982	4027969.5	1.76E-03	3.22E-04	2.41E-04	0.00E+00
2249	258963.9	4027928.53	1.78E-03	3.27E-04	2.44E-04	0.00E+00

2250	258945.8	4027887.56	1.80E-03	3.29E-04	2.46E-04	0.00E+00
2251	258927.7	4027846.58	1.81E-03	3.32E-04	2.47E-04	0.00E+00
2252	258909.5	4027805.61	1.82E-03	3.34E-04	2.49E-04	0.00E+00
2253	258891.4	4027764.64	1.83E-03	3.35E-04	2.50E-04	0.00E+00
2254	259404.5	4028210.33	2.02E-03	3.70E-04	2.76E-04	0.00E+00
2255	259427.1	4028209.94	2.05E-03	3.75E-04	2.80E-04	0.00E+00
2256	259449.7	4028209.54	2.08E-03	3.81E-04	2.85E-04	0.00E+00
2257	259472.3	4028209.14	2.11E-03	3.87E-04	2.89E-04	0.00E+00
2258	259494.9	4028208.74	2.13E-03	3.90E-04	2.91E-04	0.00E+00
2259	259517.5	4028208.35	2.15E-03	3.94E-04	2.94E-04	0.00E+00
2260	259540.1	4028207.95	2.17E-03	3.97E-04	2.97E-04	0.00E+00
2261	259562.7	4028207.55	2.18E-03	3.99E-04	2.98E-04	0.00E+00
2262	259585.3	4028207.15	2.18E-03	3.99E-04	2.98E-04	0.00E+00
2263	259363.4	4028302.79	1.70E-03	3.12E-04	2.33E-04	0.00E+00
2264	259322.9	4028286.92	1.70E-03	3.11E-04	2.32E-04	0.00E+00
2265	259282.4	4028271.06	1.70E-03	3.10E-04	2.32E-04	0.00E+00
2266	259241.8	4028255.2	1.69E-03	3.09E-04	2.31E-04	0.00E+00
2267	259201.3	4028239.34	1.68E-03	3.07E-04	2.29E-04	0.00E+00
2268	259160.8	4028223.47	1.66E-03	3.03E-04	2.26E-04	0.00E+00
2269	259120.3	4028207.61	1.63E-03	2.98E-04	2.22E-04	0.00E+00
2270	259079.7	4028191.75	1.59E-03	2.90E-04	2.17E-04	0.00E+00
2271	259039.2	4028175.89	1.54E-03	2.82E-04	2.10E-04	0.00E+00
2272	258998.7	4028160.02	1.49E-03	2.73E-04	2.04E-04	0.00E+00
2273	258949.3	4028124.26	1.46E-03	2.67E-04	1.99E-04	0.00E+00
2274	258931.7	4028084.46	1.48E-03	2.71E-04	2.02E-04	0.00E+00
2275	258914.1	4028044.66	1.50E-03	2.75E-04	2.06E-04	0.00E+00
2276	258896.5	4028004.85	1.52E-03	2.79E-04	2.08E-04	0.00E+00
2277	258878.9	4027965.05	1.54E-03	2.82E-04	2.11E-04	0.00E+00
2278	258861.3	4027925.25	1.56E-03	2.85E-04	2.13E-04	0.00E+00
2279	258843.7	4027885.45	1.57E-03	2.87E-04	2.15E-04	0.00E+00
2280	258826.1	4027845.64	1.57E-03	2.88E-04	2.15E-04	0.00E+00
2281	258808.5	4027805.84	1.58E-03	2.89E-04	2.16E-04	0.00E+00
2282	258790.9	4027766.04	1.56E-03	2.86E-04	2.14E-04	0.00E+00
2283	259406.3	4028310.32	1.73E-03	3.16E-04	2.36E-04	0.00E+00
2284	259428.9	4028309.92	1.75E-03	3.20E-04	2.39E-04	0.00E+00
2285	259451.5	4028309.52	1.77E-03	3.23E-04	2.41E-04	0.00E+00
2286	259474.1	4028309.13	1.78E-03	3.26E-04	2.44E-04	0.00E+00
2287	259496.7	4028308.73	1.80E-03	3.29E-04	2.45E-04	0.00E+00
2288	259519.3	4028308.33	1.81E-03	3.31E-04	2.47E-04	0.00E+00
2289	259541.9	4028307.93	1.81E-03	3.32E-04	2.48E-04	0.00E+00
2290	259564.5	4028307.53	1.81E-03	3.31E-04	2.47E-04	0.00E+00
2291	259587.1	4028307.14	1.80E-03	3.30E-04	2.46E-04	0.00E+00
2292	259364.8	4028402.61	1.49E-03	2.72E-04	2.03E-04	0.00E+00
2293	259323.4	4028386.41	1.49E-03	2.73E-04	2.04E-04	0.00E+00
2294	259282	4028370.22	1.49E-03	2.73E-04	2.03E-04	0.00E+00
2295	259240.6	4028354.03	1.48E-03	2.72E-04	2.03E-04	0.00E+00
2296	259199.3	4028337.83	1.48E-03	2.71E-04	2.02E-04	0.00E+00

2297	259157.9	4028321.64	1.47E-03	2.68E-04	2.00E-04	0.00E+00
2298	259116.5	4028305.45	1.45E-03	2.66E-04	1.98E-04	0.00E+00
2299	259075.2	4028289.26	1.43E-03	2.62E-04	1.96E-04	0.00E+00
2300	259033.8	4028273.06	1.40E-03	2.56E-04	1.91E-04	0.00E+00
2301	258992.4	4028256.87	1.36E-03	2.49E-04	1.86E-04	0.00E+00
2302	258951	4028240.68	1.32E-03	2.42E-04	1.80E-04	0.00E+00
2303	258909.7	4028224.48	1.28E-03	2.35E-04	1.75E-04	0.00E+00
2304	258880	4028196.07	1.27E-03	2.33E-04	1.74E-04	0.00E+00
2305	258862	4028155.44	1.29E-03	2.37E-04	1.77E-04	0.00E+00
2306	258844.1	4028114.81	1.31E-03	2.41E-04	1.80E-04	0.00E+00
2307	258826.1	4028074.18	1.33E-03	2.44E-04	1.82E-04	0.00E+00
2308	258808.1	4028033.54	1.35E-03	2.46E-04	1.84E-04	0.00E+00
2309	258790.2	4027992.91	1.36E-03	2.49E-04	1.86E-04	0.00E+00
2310	258772.2	4027952.28	1.37E-03	2.50E-04	1.87E-04	0.00E+00
2311	258754.2	4027911.65	1.37E-03	2.51E-04	1.87E-04	0.00E+00
2312	258736.2	4027871.02	1.37E-03	2.51E-04	1.88E-04	0.00E+00
2313	258718.3	4027830.39	1.37E-03	2.51E-04	1.87E-04	0.00E+00
2314	258700.3	4027789.75	1.36E-03	2.49E-04	1.86E-04	0.00E+00
2315	259408	4028410.3	1.50E-03	2.74E-04	2.05E-04	0.00E+00
2316	259430.6	4028409.91	1.51E-03	2.77E-04	2.07E-04	0.00E+00
2317	259453.2	4028409.51	1.52E-03	2.79E-04	2.08E-04	0.00E+00
2318	259475.8	4028409.11	1.53E-03	2.81E-04	2.09E-04	0.00E+00
2319	259498.4	4028408.71	1.54E-03	2.82E-04	2.11E-04	0.00E+00
2320	259521	4028408.31	1.55E-03	2.83E-04	2.12E-04	0.00E+00
2321	259543.6	4028407.92	1.55E-03	2.84E-04	2.12E-04	0.00E+00
2322	259566.2	4028407.52	1.56E-03	2.85E-04	2.13E-04	0.00E+00
2323	259588.8	4028407.12	1.54E-03	2.83E-04	2.11E-04	0.00E+00
2324	259368.4	4028602.61	1.18E-03	2.15E-04	1.61E-04	0.00E+00
2325	259327.2	4028586.49	1.18E-03	2.16E-04	1.61E-04	0.00E+00
2326	259286	4028570.37	1.19E-03	2.17E-04	1.62E-04	0.00E+00
2327	259244.8	4028554.26	1.19E-03	2.18E-04	1.62E-04	0.00E+00
2328	259203.7	4028538.14	1.19E-03	2.17E-04	1.62E-04	0.00E+00
2329	259162.5	4028522.02	1.18E-03	2.17E-04	1.62E-04	0.00E+00
2330	259121.3	4028505.9	1.18E-03	2.16E-04	1.61E-04	0.00E+00
2331	259080.1	4028489.78	1.17E-03	2.14E-04	1.60E-04	0.00E+00
2332	259038.9	4028473.67	1.17E-03	2.13E-04	1.59E-04	0.00E+00
2333	258997.7	4028457.55	1.16E-03	2.11E-04	1.58E-04	0.00E+00
2334	258956.6	4028441.43	1.14E-03	2.08E-04	1.56E-04	0.00E+00
2335	258915.4	4028425.31	1.12E-03	2.04E-04	1.52E-04	0.00E+00
2336	258874.2	4028409.19	1.09E-03	1.99E-04	1.49E-04	0.00E+00
2337	258833	4028393.07	1.06E-03	1.94E-04	1.45E-04	0.00E+00
2338	258791.8	4028376.96	1.04E-03	1.90E-04	1.42E-04	0.00E+00
2339	258741.7	4028340.62	1.02E-03	1.87E-04	1.40E-04	0.00E+00
2340	258723.8	4028300.17	1.04E-03	1.90E-04	1.42E-04	0.00E+00
2341	258705.9	4028259.73	1.05E-03	1.92E-04	1.43E-04	0.00E+00
2342	258688.1	4028219.28	1.06E-03	1.94E-04	1.45E-04	0.00E+00
2343	258670.2	4028178.84	1.07E-03	1.96E-04	1.46E-04	0.00E+00

2344	258652.3	4028138.39	1.08E-03	1.98E-04	1.48E-04	0.00E+00
2345	258634.4	4028097.95	1.09E-03	1.99E-04	1.48E-04	0.00E+00
2346	258616.5	4028057.5	1.09E-03	1.99E-04	1.49E-04	0.00E+00
2347	258598.6	4028017.06	1.10E-03	2.00E-04	1.50E-04	0.00E+00
2348	258580.7	4027976.61	1.10E-03	2.01E-04	1.50E-04	0.00E+00
2349	258562.9	4027936.17	1.09E-03	2.00E-04	1.50E-04	0.00E+00
2350	258545	4027895.73	1.09E-03	2.00E-04	1.49E-04	0.00E+00
2351	258527.1	4027855.28	1.09E-03	2.00E-04	1.49E-04	0.00E+00
2352	258509.2	4027814.84	1.09E-03	1.99E-04	1.48E-04	0.00E+00
2353	258491.3	4027774.39	1.08E-03	1.98E-04	1.48E-04	0.00E+00
2354	259411.6	4028610.27	1.18E-03	2.16E-04	1.61E-04	0.00E+00
2355	259434.2	4028609.88	1.18E-03	2.17E-04	1.62E-04	0.00E+00
2356	259456.8	4028609.48	1.19E-03	2.18E-04	1.62E-04	0.00E+00
2357	259479.4	4028609.08	1.19E-03	2.19E-04	1.63E-04	0.00E+00
2358	259501.9	4028608.68	1.20E-03	2.19E-04	1.64E-04	0.00E+00
2359	259524.5	4028608.28	1.20E-03	2.19E-04	1.64E-04	0.00E+00
2360	259547.1	4028607.89	1.20E-03	2.20E-04	1.64E-04	0.00E+00
2361	259569.7	4028607.49	1.20E-03	2.20E-04	1.64E-04	0.00E+00
2362	259592.3	4028607.09	1.20E-03	2.19E-04	1.64E-04	0.00E+00
2363	259372	4028802.6	9.74E-04	1.78E-04	1.33E-04	0.00E+00
2364	259330.9	4028786.53	9.79E-04	1.79E-04	1.34E-04	0.00E+00
2365	259289.8	4028770.46	9.84E-04	1.80E-04	1.34E-04	0.00E+00
2366	259248.8	4028754.39	9.87E-04	1.81E-04	1.35E-04	0.00E+00
2367	259207.7	4028738.32	9.88E-04	1.81E-04	1.35E-04	0.00E+00
2368	259166.7	4028722.25	9.86E-04	1.80E-04	1.35E-04	0.00E+00
2369	259125.6	4028706.18	9.82E-04	1.80E-04	1.34E-04	0.00E+00
2370	259084.5	4028690.11	9.80E-04	1.79E-04	1.34E-04	0.00E+00
2371	259043.5	4028674.04	9.76E-04	1.79E-04	1.33E-04	0.00E+00
2372	259002.4	4028657.96	9.73E-04	1.78E-04	1.33E-04	0.00E+00
2373	258961.3	4028641.89	9.69E-04	1.77E-04	1.32E-04	0.00E+00
2374	258920.3	4028625.82	9.64E-04	1.76E-04	1.32E-04	0.00E+00
2375	258879.2	4028609.75	9.55E-04	1.75E-04	1.31E-04	0.00E+00
2376	258838.2	4028593.68	9.42E-04	1.72E-04	1.29E-04	0.00E+00
2377	258797.1	4028577.61	9.25E-04	1.69E-04	1.26E-04	0.00E+00
2378	258756	4028561.54	9.05E-04	1.66E-04	1.24E-04	0.00E+00
2379	258715	4028545.47	8.87E-04	1.62E-04	1.21E-04	0.00E+00
2380	258673.9	4028529.39	8.70E-04	1.59E-04	1.19E-04	0.00E+00
2381	258632.9	4028513.32	8.56E-04	1.57E-04	1.17E-04	0.00E+00
2382	258603.4	4028485.13	8.54E-04	1.56E-04	1.17E-04	0.00E+00
2383	258585.6	4028444.8	8.63E-04	1.58E-04	1.18E-04	0.00E+00
2384	258567.7	4028404.47	8.74E-04	1.60E-04	1.19E-04	0.00E+00
2385	258549.9	4028364.15	8.82E-04	1.62E-04	1.21E-04	0.00E+00
2386	258532.1	4028323.82	8.90E-04	1.63E-04	1.22E-04	0.00E+00
2387	258514.2	4028283.49	8.96E-04	1.64E-04	1.22E-04	0.00E+00
2388	258496.4	4028243.17	8.99E-04	1.65E-04	1.23E-04	0.00E+00
2389	258478.6	4028202.84	9.00E-04	1.65E-04	1.23E-04	0.00E+00
2390	258460.7	4028162.51	8.99E-04	1.65E-04	1.23E-04	0.00E+00

2391	258442.9	4028122.19	9.01E-04	1.65E-04	1.23E-04	0.00E+00
2392	258425.1	4028081.86	9.02E-04	1.65E-04	1.23E-04	0.00E+00
2393	258407.2	4028041.54	9.05E-04	1.66E-04	1.24E-04	0.00E+00
2394	258389.4	4028001.21	9.08E-04	1.66E-04	1.24E-04	0.00E+00
2395	258371.6	4027960.88	9.09E-04	1.67E-04	1.24E-04	0.00E+00
2396	258353.7	4027920.56	9.10E-04	1.67E-04	1.24E-04	0.00E+00
2397	258335.9	4027880.23	9.13E-04	1.67E-04	1.25E-04	0.00E+00
2398	258318.1	4027839.9	9.13E-04	1.67E-04	1.25E-04	0.00E+00
2399	258300.2	4027799.58	9.09E-04	1.67E-04	1.24E-04	0.00E+00
2400	259415.1	4028810.24	9.72E-04	1.78E-04	1.33E-04	0.00E+00
2401	259437.7	4028809.84	9.74E-04	1.78E-04	1.33E-04	0.00E+00
2402	259460.3	4028809.45	9.75E-04	1.78E-04	1.33E-04	0.00E+00
2403	259482.9	4028809.05	9.75E-04	1.79E-04	1.33E-04	0.00E+00
2404	259505.5	4028808.65	9.74E-04	1.78E-04	1.33E-04	0.00E+00
2405	259528.1	4028808.25	9.72E-04	1.78E-04	1.33E-04	0.00E+00
2406	259550.7	4028807.86	9.70E-04	1.78E-04	1.33E-04	0.00E+00
2407	259573.3	4028807.46	9.67E-04	1.77E-04	1.32E-04	0.00E+00
2408	259595.9	4028807.06	9.64E-04	1.77E-04	1.32E-04	0.00E+00
2409	259375.1	4029002.41	8.29E-04	1.52E-04	1.13E-04	0.00E+00
2410	259354.1	4028994.21	8.34E-04	1.53E-04	1.14E-04	0.00E+00
2411	259333.1	4028986	8.38E-04	1.53E-04	1.14E-04	0.00E+00
2412	259312.2	4028977.8	8.41E-04	1.54E-04	1.15E-04	0.00E+00
2413	259291.2	4028969.6	8.44E-04	1.55E-04	1.15E-04	0.00E+00
2414	259249.3	4028953.2	8.48E-04	1.55E-04	1.16E-04	0.00E+00
2415	259228.4	4028945	8.47E-04	1.55E-04	1.16E-04	0.00E+00
2416	259207.4	4028936.79	8.48E-04	1.55E-04	1.16E-04	0.00E+00
2417	259186.5	4028928.59	8.50E-04	1.56E-04	1.16E-04	0.00E+00
2418	259144.6	4028912.19	8.47E-04	1.55E-04	1.16E-04	0.00E+00
2419	259123.6	4028903.99	8.45E-04	1.55E-04	1.16E-04	0.00E+00
2420	259102.6	4028895.79	8.43E-04	1.54E-04	1.15E-04	0.00E+00
2421	259081.7	4028887.58	8.41E-04	1.54E-04	1.15E-04	0.00E+00
2422	259039.8	4028871.18	8.35E-04	1.53E-04	1.14E-04	0.00E+00
2423	259018.8	4028862.98	8.33E-04	1.53E-04	1.14E-04	0.00E+00
2424	258997.9	4028854.78	8.31E-04	1.52E-04	1.14E-04	0.00E+00
2425	258976.9	4028846.58	8.29E-04	1.52E-04	1.13E-04	0.00E+00
2426	258935	4028830.17	8.27E-04	1.51E-04	1.13E-04	0.00E+00
2427	258914.1	4028821.97	8.26E-04	1.51E-04	1.13E-04	0.00E+00
2428	258893.1	4028813.77	8.25E-04	1.51E-04	1.13E-04	0.00E+00
2429	258872.1	4028805.57	8.25E-04	1.51E-04	1.13E-04	0.00E+00
2430	258851.2	4028797.37	8.24E-04	1.51E-04	1.13E-04	0.00E+00
2431	258809.3	4028780.96	8.20E-04	1.50E-04	1.12E-04	0.00E+00
2432	258788.3	4028772.76	8.18E-04	1.50E-04	1.12E-04	0.00E+00
2433	258767.4	4028764.56	8.14E-04	1.49E-04	1.11E-04	0.00E+00
2434	258746.4	4028756.36	8.09E-04	1.48E-04	1.11E-04	0.00E+00
2435	258704.5	4028739.96	7.97E-04	1.46E-04	1.09E-04	0.00E+00
2436	258683.6	4028731.75	7.91E-04	1.45E-04	1.08E-04	0.00E+00
2437	258662.6	4028723.55	7.83E-04	1.43E-04	1.07E-04	0.00E+00

2438	258641.6	4028715.35	7.75E-04	1.42E-04	1.06E-04	0.00E+00
2439	258599.7	4028698.95	7.62E-04	1.39E-04	1.04E-04	0.00E+00
2440	258578.8	4028690.75	7.56E-04	1.38E-04	1.03E-04	0.00E+00
2441	258557.8	4028682.55	7.49E-04	1.37E-04	1.02E-04	0.00E+00
2442	258536.9	4028674.34	7.43E-04	1.36E-04	1.02E-04	0.00E+00
2443	258495	4028657.94	7.36E-04	1.35E-04	1.01E-04	0.00E+00
2444	258464.9	4028629.16	7.37E-04	1.35E-04	1.01E-04	0.00E+00
2445	258455.8	4028608.58	7.40E-04	1.36E-04	1.01E-04	0.00E+00
2446	258437.6	4028567.42	7.48E-04	1.37E-04	1.02E-04	0.00E+00
2447	258428.5	4028546.84	7.52E-04	1.38E-04	1.03E-04	0.00E+00
2448	258410.3	4028505.68	7.58E-04	1.39E-04	1.04E-04	0.00E+00
2449	258401.2	4028485.1	7.60E-04	1.39E-04	1.04E-04	0.00E+00
2450	258383	4028443.94	7.64E-04	1.40E-04	1.04E-04	0.00E+00
2451	258373.9	4028423.36	7.64E-04	1.40E-04	1.04E-04	0.00E+00
2452	258355.7	4028382.2	7.66E-04	1.40E-04	1.05E-04	0.00E+00
2453	258346.6	4028361.62	7.66E-04	1.40E-04	1.05E-04	0.00E+00
2454	258328.4	4028320.46	7.66E-04	1.40E-04	1.05E-04	0.00E+00
2455	258310.2	4028279.3	7.66E-04	1.40E-04	1.05E-04	0.00E+00
2456	258292	4028238.14	7.67E-04	1.40E-04	1.05E-04	0.00E+00
2457	258282.9	4028217.56	7.68E-04	1.41E-04	1.05E-04	0.00E+00
2458	258264.7	4028176.4	7.69E-04	1.41E-04	1.05E-04	0.00E+00
2459	258255.6	4028155.83	7.71E-04	1.41E-04	1.05E-04	0.00E+00
2460	258237.4	4028114.67	7.75E-04	1.42E-04	1.06E-04	0.00E+00
2461	258228.3	4028094.09	7.76E-04	1.42E-04	1.06E-04	0.00E+00
2462	258210.1	4028052.93	7.79E-04	1.43E-04	1.06E-04	0.00E+00
2463	258201	4028032.35	7.80E-04	1.43E-04	1.07E-04	0.00E+00
2464	258182.8	4027991.19	7.82E-04	1.43E-04	1.07E-04	0.00E+00
2465	258173.7	4027970.61	7.83E-04	1.43E-04	1.07E-04	0.00E+00
2466	258155.5	4027929.45	7.84E-04	1.44E-04	1.07E-04	0.00E+00
2467	258146.4	4027908.87	7.85E-04	1.44E-04	1.07E-04	0.00E+00
2468	258128.2	4027867.71	7.85E-04	1.44E-04	1.07E-04	0.00E+00
2469	258110	4027826.55	7.81E-04	1.43E-04	1.07E-04	0.00E+00
2470	258091.8	4027785.39	7.74E-04	1.42E-04	1.06E-04	0.00E+00
2471	259418.6	4029010.21	8.22E-04	1.50E-04	1.12E-04	0.00E+00
2472	259441.2	4029009.81	8.20E-04	1.50E-04	1.12E-04	0.00E+00
2473	259463.8	4029009.42	8.19E-04	1.50E-04	1.12E-04	0.00E+00
2474	259486.4	4029009.02	8.18E-04	1.50E-04	1.12E-04	0.00E+00
2475	259509	4029008.62	8.15E-04	1.49E-04	1.11E-04	0.00E+00
2476	259531.6	4029008.22	8.13E-04	1.49E-04	1.11E-04	0.00E+00
2477	259554.2	4029007.82	8.09E-04	1.48E-04	1.11E-04	0.00E+00
2478	259576.8	4029007.43	8.06E-04	1.48E-04	1.10E-04	0.00E+00
2479	259599.4	4029007.03	8.02E-04	1.47E-04	1.10E-04	0.00E+00
2480	259378.7	4029202.41	7.16E-04	1.31E-04	9.78E-05	0.00E+00
2481	259336.9	4029186.08	7.27E-04	1.33E-04	9.93E-05	0.00E+00
2482	259295.2	4029169.76	7.35E-04	1.35E-04	1.01E-04	0.00E+00
2483	259253.5	4029153.43	7.42E-04	1.36E-04	1.01E-04	0.00E+00
2484	259211.8	4029137.1	7.47E-04	1.37E-04	1.02E-04	0.00E+00

2485	259170.1	4029120.77	7.49E-04	1.37E-04	1.02E-04	0.00E+00
2486	259128.3	4029104.44	7.48E-04	1.37E-04	1.02E-04	0.00E+00
2487	259086.6	4029088.11	7.45E-04	1.36E-04	1.02E-04	0.00E+00
2488	259044.9	4029071.78	7.39E-04	1.35E-04	1.01E-04	0.00E+00
2489	259003.2	4029055.45	7.33E-04	1.34E-04	1.00E-04	0.00E+00
2490	258961.5	4029039.12	7.26E-04	1.33E-04	9.93E-05	0.00E+00
2491	258919.8	4029022.79	7.21E-04	1.32E-04	9.85E-05	0.00E+00
2492	258878	4029006.47	7.18E-04	1.31E-04	9.81E-05	0.00E+00
2493	258836.3	4028990.14	7.16E-04	1.31E-04	9.78E-05	0.00E+00
2494	258794.6	4028973.81	7.15E-04	1.31E-04	9.77E-05	0.00E+00
2495	258752.9	4028957.48	7.15E-04	1.31E-04	9.77E-05	0.00E+00
2496	258711.2	4028941.15	7.13E-04	1.31E-04	9.74E-05	0.00E+00
2497	258669.4	4028924.82	7.08E-04	1.30E-04	9.68E-05	0.00E+00
2498	258627.7	4028908.49	7.03E-04	1.29E-04	9.60E-05	0.00E+00
2499	258586	4028892.16	6.94E-04	1.27E-04	9.48E-05	0.00E+00
2500	258544.3	4028875.83	6.85E-04	1.25E-04	9.36E-05	0.00E+00
2501	258502.6	4028859.51	6.77E-04	1.24E-04	9.26E-05	0.00E+00
2502	258460.8	4028843.18	6.69E-04	1.22E-04	9.14E-05	0.00E+00
2503	258419.1	4028826.85	6.58E-04	1.21E-04	8.99E-05	0.00E+00
2504	258377.4	4028810.52	6.53E-04	1.20E-04	8.92E-05	0.00E+00
2505	258326.6	4028773.7	6.48E-04	1.19E-04	8.86E-05	0.00E+00
2506	258308.5	4028732.73	6.56E-04	1.20E-04	8.96E-05	0.00E+00
2507	258290.4	4028691.76	6.60E-04	1.21E-04	9.01E-05	0.00E+00
2508	258272.3	4028650.78	6.63E-04	1.21E-04	9.06E-05	0.00E+00
2509	258254.1	4028609.81	6.67E-04	1.22E-04	9.11E-05	0.00E+00
2510	258236	4028568.84	6.66E-04	1.22E-04	9.11E-05	0.00E+00
2511	258217.9	4028527.86	6.65E-04	1.22E-04	9.09E-05	0.00E+00
2512	258199.8	4028486.89	6.63E-04	1.21E-04	9.06E-05	0.00E+00
2513	258181.7	4028445.92	6.61E-04	1.21E-04	9.04E-05	0.00E+00
2514	258163.5	4028404.94	6.63E-04	1.21E-04	9.06E-05	0.00E+00
2515	258145.4	4028363.97	6.66E-04	1.22E-04	9.10E-05	0.00E+00
2516	258127.3	4028323	6.68E-04	1.22E-04	9.13E-05	0.00E+00
2517	258109.2	4028282.02	6.70E-04	1.23E-04	9.15E-05	0.00E+00
2518	258091.1	4028241.05	6.72E-04	1.23E-04	9.19E-05	0.00E+00
2519	258072.9	4028200.08	6.76E-04	1.24E-04	9.23E-05	0.00E+00
2520	258054.8	4028159.1	6.80E-04	1.25E-04	9.29E-05	0.00E+00
2521	258036.7	4028118.13	6.84E-04	1.25E-04	9.35E-05	0.00E+00
2522	258018.6	4028077.16	6.89E-04	1.26E-04	9.41E-05	0.00E+00
2523	258000.5	4028036.18	6.87E-04	1.26E-04	9.40E-05	0.00E+00
2524	257982.3	4027995.21	6.87E-04	1.26E-04	9.39E-05	0.00E+00
2525	257964.2	4027954.24	6.87E-04	1.26E-04	9.40E-05	0.00E+00
2526	257946.1	4027913.26	6.87E-04	1.26E-04	9.38E-05	0.00E+00
2527	257928	4027872.29	6.86E-04	1.26E-04	9.37E-05	0.00E+00
2528	257909.9	4027831.32	6.82E-04	1.25E-04	9.32E-05	0.00E+00
2529	257891.7	4027790.35	6.77E-04	1.24E-04	9.25E-05	0.00E+00
2530	259422.1	4029210.18	7.08E-04	1.30E-04	9.68E-05	0.00E+00
2531	259444.7	4029209.78	7.06E-04	1.29E-04	9.65E-05	0.00E+00

2532	259467.3	4029209.38	7.04E-04	1.29E-04	9.62E-05	0.00E+00
2533	259489.9	4029208.99	7.01E-04	1.28E-04	9.59E-05	0.00E+00
2534	259512.5	4029208.59	6.99E-04	1.28E-04	9.55E-05	0.00E+00
2535	259535.1	4029208.19	6.96E-04	1.27E-04	9.51E-05	0.00E+00
2536	259557.7	4029207.79	6.93E-04	1.27E-04	9.47E-05	0.00E+00
2537	259580.3	4029207.4	6.90E-04	1.26E-04	9.43E-05	0.00E+00
2538	259602.9	4029207	6.87E-04	1.26E-04	9.40E-05	0.00E+00
2539	259621.3	4027730.68	1.58E-02	2.89E-03	2.16E-03	0.00E+00
2540	259665.3	4027729.15	1.82E-02	3.32E-03	2.48E-03	0.00E+00
2541	259709.3	4027727.61	1.89E-02	3.46E-03	2.58E-03	0.00E+00
2542	259600.2	4027756.43	1.09E-02	1.99E-03	1.49E-03	0.00E+00
2543	259644.2	4027754.9	1.29E-02	2.36E-03	1.76E-03	0.00E+00
2544	259688.2	4027753.36	1.37E-02	2.50E-03	1.87E-03	0.00E+00
2545	259732.1	4027751.83	1.41E-02	2.58E-03	1.93E-03	0.00E+00
2546	259601.1	4027781.42	9.14E-03	1.67E-03	1.25E-03	0.00E+00
2547	259645.1	4027779.88	1.03E-02	1.89E-03	1.41E-03	0.00E+00
2548	259689	4027778.35	1.09E-02	2.00E-03	1.49E-03	0.00E+00
2549	259733	4027776.81	1.12E-02	2.06E-03	1.54E-03	0.00E+00
2550	259602	4027806.4	7.88E-03	1.44E-03	1.08E-03	0.00E+00
2551	259645.9	4027804.87	8.66E-03	1.59E-03	1.18E-03	0.00E+00
2552	259689.9	4027803.33	9.07E-03	1.66E-03	1.24E-03	0.00E+00
2553	259733.9	4027801.8	9.33E-03	1.71E-03	1.28E-03	0.00E+00
2554	259603.7	4027856.37	6.15E-03	1.13E-03	8.41E-04	0.00E+00
2555	259647.7	4027854.84	6.55E-03	1.20E-03	8.95E-04	0.00E+00
2556	259691.6	4027853.3	6.79E-03	1.24E-03	9.27E-04	0.00E+00
2557	259735.6	4027851.77	6.92E-03	1.27E-03	9.46E-04	0.00E+00
2558	259605.5	4027906.34	4.99E-03	9.14E-04	6.82E-04	0.00E+00
2559	259649.4	4027904.81	5.25E-03	9.61E-04	7.17E-04	0.00E+00
2560	259693.4	4027903.27	5.38E-03	9.86E-04	7.36E-04	0.00E+00
2561	259737.4	4027901.74	5.44E-03	9.96E-04	7.43E-04	0.00E+00
2562	259607.2	4027956.31	4.19E-03	7.66E-04	5.72E-04	0.00E+00
2563	259651.2	4027954.78	4.33E-03	7.94E-04	5.92E-04	0.00E+00
2564	259695.1	4027953.24	4.44E-03	8.13E-04	6.07E-04	0.00E+00
2565	259739.1	4027951.71	4.46E-03	8.16E-04	6.09E-04	0.00E+00
2566	259608.9	4028006.28	3.61E-03	6.61E-04	4.93E-04	0.00E+00
2567	259652.9	4028004.75	3.68E-03	6.74E-04	5.03E-04	0.00E+00
2568	259696.9	4028003.21	3.74E-03	6.85E-04	5.11E-04	0.00E+00
2569	259740.8	4028001.68	3.75E-03	6.86E-04	5.12E-04	0.00E+00
2570	259612.4	4028106.22	2.75E-03	5.04E-04	3.76E-04	0.00E+00
2571	259656.4	4028104.69	2.76E-03	5.05E-04	3.77E-04	0.00E+00
2572	259700.4	4028103.15	2.77E-03	5.07E-04	3.78E-04	0.00E+00
2573	259744.3	4028101.62	2.77E-03	5.06E-04	3.78E-04	0.00E+00
2574	259615.9	4028206.16	2.17E-03	3.97E-04	2.97E-04	0.00E+00
2575	259659.9	4028204.62	2.15E-03	3.94E-04	2.94E-04	0.00E+00
2576	259703.8	4028203.09	2.15E-03	3.94E-04	2.94E-04	0.00E+00
2577	259747.8	4028201.56	2.14E-03	3.92E-04	2.92E-04	0.00E+00
2578	259619.4	4028306.1	1.80E-03	3.29E-04	2.45E-04	0.00E+00

2579	259663.4	4028304.56	1.78E-03	3.27E-04	2.44E-04	0.00E+00
2580	259707.3	4028303.03	1.77E-03	3.25E-04	2.42E-04	0.00E+00
2581	259751.3	4028301.49	1.76E-03	3.23E-04	2.41E-04	0.00E+00
2582	259622.9	4028406.04	1.54E-03	2.82E-04	2.10E-04	0.00E+00
2583	259666.9	4028404.5	1.53E-03	2.81E-04	2.10E-04	0.00E+00
2584	259710.8	4028402.97	1.53E-03	2.79E-04	2.08E-04	0.00E+00
2585	259754.8	4028401.43	1.50E-03	2.76E-04	2.06E-04	0.00E+00
2586	259629.9	4028605.92	1.19E-03	2.19E-04	1.63E-04	0.00E+00
2587	259673.8	4028604.38	1.18E-03	2.17E-04	1.62E-04	0.00E+00
2588	259717.8	4028602.85	1.17E-03	2.14E-04	1.60E-04	0.00E+00
2589	259761.8	4028601.31	1.15E-03	2.10E-04	1.56E-04	0.00E+00
2590	259636.8	4028805.79	9.57E-04	1.75E-04	1.31E-04	0.00E+00
2591	259680.8	4028804.26	9.47E-04	1.73E-04	1.29E-04	0.00E+00
2592	259724.8	4028802.73	9.35E-04	1.71E-04	1.28E-04	0.00E+00
2593	259768.7	4028801.19	9.20E-04	1.68E-04	1.26E-04	0.00E+00
2594	259643.8	4029005.67	7.96E-04	1.46E-04	1.09E-04	0.00E+00
2595	259687.8	4029004.14	7.87E-04	1.44E-04	1.08E-04	0.00E+00
2596	259731.7	4029002.6	7.78E-04	1.42E-04	1.06E-04	0.00E+00
2597	259775.7	4029001.07	7.67E-04	1.40E-04	1.05E-04	0.00E+00
2598	259628.8	4029206.32	6.84E-04	1.25E-04	9.35E-05	0.00E+00
2599	259672.8	4029204.78	6.77E-04	1.24E-04	9.26E-05	0.00E+00
2600	259716.7	4029203.25	6.70E-04	1.23E-04	9.16E-05	0.00E+00
2601	259760.7	4029201.71	6.62E-04	1.21E-04	9.05E-05	0.00E+00
2602	259755	4027725.55	1.92E-02	3.51E-03	2.62E-03	0.00E+00
2603	259778.3	4027724.27	1.95E-02	3.56E-03	2.66E-03	0.00E+00
2604	259801.5	4027722.99	1.98E-02	3.62E-03	2.71E-03	0.00E+00
2605	259824.8	4027721.71	2.00E-02	3.67E-03	2.74E-03	0.00E+00
2606	259848	4027720.44	2.00E-02	3.66E-03	2.73E-03	0.00E+00
2607	259871.3	4027719.16	1.99E-02	3.65E-03	2.72E-03	0.00E+00
2608	259894.6	4027717.88	2.01E-02	3.68E-03	2.74E-03	0.00E+00
2609	259756.4	4027750.51	1.43E-02	2.61E-03	1.95E-03	0.00E+00
2610	259779.6	4027749.23	1.44E-02	2.64E-03	1.97E-03	0.00E+00
2611	259802.9	4027747.95	1.45E-02	2.65E-03	1.98E-03	0.00E+00
2612	259826.2	4027746.68	1.46E-02	2.66E-03	1.99E-03	0.00E+00
2613	259849.4	4027745.4	1.45E-02	2.66E-03	1.99E-03	0.00E+00
2614	259872.7	4027744.12	1.45E-02	2.66E-03	1.98E-03	0.00E+00
2615	259895.9	4027742.84	1.45E-02	2.66E-03	1.98E-03	0.00E+00
2616	259757.7	4027775.47	1.14E-02	2.09E-03	1.56E-03	0.00E+00
2617	259781	4027774.19	1.15E-02	2.10E-03	1.57E-03	0.00E+00
2618	259804.3	4027772.92	1.15E-02	2.11E-03	1.57E-03	0.00E+00
2619	259827.5	4027771.64	1.15E-02	2.10E-03	1.57E-03	0.00E+00
2620	259850.8	4027770.36	1.14E-02	2.10E-03	1.56E-03	0.00E+00
2621	259874	4027769.08	1.14E-02	2.09E-03	1.56E-03	0.00E+00
2622	259897.3	4027767.81	1.14E-02	2.08E-03	1.55E-03	0.00E+00
2623	259759.1	4027800.43	9.44E-03	1.73E-03	1.29E-03	0.00E+00
2624	259782.4	4027799.16	9.51E-03	1.74E-03	1.30E-03	0.00E+00
2625	259805.6	4027797.88	9.52E-03	1.74E-03	1.30E-03	0.00E+00

2626	259828.9	4027796.6	9.50E-03	1.74E-03	1.30E-03	0.00E+00
2627	259852.2	4027795.32	9.46E-03	1.73E-03	1.29E-03	0.00E+00
2628	259875.4	4027794.05	9.39E-03	1.72E-03	1.28E-03	0.00E+00
2629	259898.7	4027792.77	9.30E-03	1.70E-03	1.27E-03	0.00E+00
2630	259761.9	4027850.36	6.98E-03	1.28E-03	9.53E-04	0.00E+00
2631	259785.1	4027849.08	7.00E-03	1.28E-03	9.57E-04	0.00E+00
2632	259808.4	4027847.8	6.99E-03	1.28E-03	9.56E-04	0.00E+00
2633	259831.6	4027846.53	6.96E-03	1.27E-03	9.52E-04	0.00E+00
2634	259854.9	4027845.25	6.91E-03	1.26E-03	9.44E-04	0.00E+00
2635	259878.2	4027843.97	6.83E-03	1.25E-03	9.33E-04	0.00E+00
2636	259901.4	4027842.69	6.74E-03	1.23E-03	9.21E-04	0.00E+00
2637	259764.6	4027900.28	5.46E-03	1.00E-03	7.47E-04	0.00E+00
2638	259787.9	4027899	5.46E-03	1.00E-03	7.46E-04	0.00E+00
2639	259811.1	4027897.73	5.44E-03	9.96E-04	7.43E-04	0.00E+00
2640	259834.4	4027896.45	5.41E-03	9.90E-04	7.39E-04	0.00E+00
2641	259857.6	4027895.17	5.36E-03	9.82E-04	7.33E-04	0.00E+00
2642	259880.9	4027893.9	5.29E-03	9.68E-04	7.23E-04	0.00E+00
2643	259904.2	4027892.62	5.20E-03	9.52E-04	7.11E-04	0.00E+00
2644	259767.3	4027950.21	4.46E-03	8.16E-04	6.09E-04	0.00E+00
2645	259790.6	4027948.93	4.44E-03	8.13E-04	6.07E-04	0.00E+00
2646	259813.9	4027947.65	4.40E-03	8.05E-04	6.01E-04	0.00E+00
2647	259837.1	4027946.38	4.35E-03	7.96E-04	5.94E-04	0.00E+00
2648	259860.4	4027945.1	4.31E-03	7.88E-04	5.88E-04	0.00E+00
2649	259883.6	4027943.82	4.26E-03	7.79E-04	5.82E-04	0.00E+00
2650	259906.9	4027942.54	4.18E-03	7.65E-04	5.71E-04	0.00E+00
2651	259770.1	4028000.13	3.72E-03	6.82E-04	5.09E-04	0.00E+00
2652	259793.3	4027998.85	3.70E-03	6.78E-04	5.06E-04	0.00E+00
2653	259816.6	4027997.58	3.67E-03	6.72E-04	5.02E-04	0.00E+00
2654	259839.9	4027996.3	3.63E-03	6.64E-04	4.96E-04	0.00E+00
2655	259863.1	4027995.02	3.57E-03	6.55E-04	4.89E-04	0.00E+00
2656	259886.4	4027993.75	3.51E-03	6.43E-04	4.80E-04	0.00E+00
2657	259909.6	4027992.47	3.45E-03	6.31E-04	4.71E-04	0.00E+00
2658	259775.6	4028099.98	2.76E-03	5.05E-04	3.77E-04	0.00E+00
2659	259798.8	4028098.7	2.73E-03	5.00E-04	3.73E-04	0.00E+00
2660	259822.1	4028097.43	2.69E-03	4.93E-04	3.68E-04	0.00E+00
2661	259845.3	4028096.15	2.65E-03	4.86E-04	3.63E-04	0.00E+00
2662	259868.6	4028094.87	2.61E-03	4.78E-04	3.57E-04	0.00E+00
2663	259891.9	4028093.6	2.56E-03	4.69E-04	3.50E-04	0.00E+00
2664	259915.1	4028092.32	2.51E-03	4.60E-04	3.43E-04	0.00E+00
2665	259781	4028199.83	2.11E-03	3.86E-04	2.88E-04	0.00E+00
2666	259804.3	4028198.55	2.08E-03	3.80E-04	2.84E-04	0.00E+00
2667	259827.6	4028197.28	2.05E-03	3.75E-04	2.80E-04	0.00E+00
2668	259850.8	4028196	2.02E-03	3.70E-04	2.76E-04	0.00E+00
2669	259874.1	4028194.72	1.99E-03	3.65E-04	2.72E-04	0.00E+00
2670	259897.3	4028193.45	1.95E-03	3.58E-04	2.67E-04	0.00E+00
2671	259920.6	4028192.17	1.90E-03	3.48E-04	2.60E-04	0.00E+00
2672	259786.5	4028299.68	1.75E-03	3.20E-04	2.38E-04	0.00E+00

2673	259809.8	4028298.4	1.73E-03	3.16E-04	2.36E-04	0.00E+00
2674	259833	4028297.13	1.70E-03	3.11E-04	2.32E-04	0.00E+00
2675	259856.3	4028295.85	1.66E-03	3.04E-04	2.27E-04	0.00E+00
2676	259879.6	4028294.57	1.62E-03	2.97E-04	2.22E-04	0.00E+00
2677	259902.8	4028293.29	1.58E-03	2.90E-04	2.17E-04	0.00E+00
2678	259926.1	4028292.02	1.54E-03	2.82E-04	2.11E-04	0.00E+00
2679	259792	4028399.53	1.48E-03	2.70E-04	2.02E-04	0.00E+00
2680	259815.3	4028398.25	1.45E-03	2.65E-04	1.98E-04	0.00E+00
2681	259838.5	4028396.98	1.41E-03	2.59E-04	1.93E-04	0.00E+00
2682	259861.8	4028395.7	1.38E-03	2.53E-04	1.89E-04	0.00E+00
2683	259885.1	4028394.42	1.35E-03	2.47E-04	1.84E-04	0.00E+00
2684	259908.3	4028393.14	1.32E-03	2.41E-04	1.80E-04	0.00E+00
2685	259931.6	4028391.87	1.29E-03	2.36E-04	1.76E-04	0.00E+00
2686	259803	4028599.23	1.12E-03	2.06E-04	1.53E-04	0.00E+00
2687	259826.2	4028597.95	1.11E-03	2.03E-04	1.51E-04	0.00E+00
2688	259849.5	4028596.67	1.09E-03	1.99E-04	1.49E-04	0.00E+00
2689	259872.8	4028595.4	1.07E-03	1.96E-04	1.46E-04	0.00E+00
2690	259896	4028594.12	1.05E-03	1.92E-04	1.43E-04	0.00E+00
2691	259919.3	4028592.84	1.03E-03	1.89E-04	1.41E-04	0.00E+00
2692	259942.5	4028591.57	1.01E-03	1.85E-04	1.38E-04	0.00E+00
2693	259813.9	4028798.93	9.01E-04	1.65E-04	1.23E-04	0.00E+00
2694	259837.2	4028797.65	8.90E-04	1.63E-04	1.22E-04	0.00E+00
2695	259860.5	4028796.37	8.78E-04	1.61E-04	1.20E-04	0.00E+00
2696	259883.7	4028795.1	8.65E-04	1.58E-04	1.18E-04	0.00E+00
2697	259907	4028793.82	8.51E-04	1.56E-04	1.16E-04	0.00E+00
2698	259930.2	4028792.54	8.36E-04	1.53E-04	1.14E-04	0.00E+00
2699	259953.5	4028791.27	8.22E-04	1.50E-04	1.12E-04	0.00E+00
2700	259801.6	4028999.9	7.58E-04	1.39E-04	1.04E-04	0.00E+00
2701	259824.9	4028998.63	7.48E-04	1.37E-04	1.02E-04	0.00E+00
2702	259848.2	4028997.35	7.39E-04	1.35E-04	1.01E-04	0.00E+00
2703	259871.4	4028996.07	7.31E-04	1.34E-04	9.99E-05	0.00E+00
2704	259894.7	4028994.8	7.24E-04	1.33E-04	9.90E-05	0.00E+00
2705	259917.9	4028993.52	7.17E-04	1.31E-04	9.80E-05	0.00E+00
2706	259941.2	4028992.24	7.07E-04	1.29E-04	9.66E-05	0.00E+00
2707	259964.5	4028990.96	6.97E-04	1.28E-04	9.52E-05	0.00E+00
2708	259797.7	4029200.28	6.53E-04	1.20E-04	8.93E-05	0.00E+00
2709	259835.9	4029198.33	6.44E-04	1.18E-04	8.80E-05	0.00E+00
2710	259859.1	4029197.05	6.39E-04	1.17E-04	8.73E-05	0.00E+00
2711	259882.4	4029195.77	6.33E-04	1.16E-04	8.65E-05	0.00E+00
2712	259905.7	4029194.5	6.27E-04	1.15E-04	8.57E-05	0.00E+00
2713	259928.9	4029193.22	6.21E-04	1.14E-04	8.49E-05	0.00E+00
2714	259952.2	4029191.94	6.13E-04	1.12E-04	8.38E-05	0.00E+00
2715	259975.4	4029190.66	6.07E-04	1.11E-04	8.30E-05	0.00E+00
2716	259939.9	4027716.72	2.01E-02	3.69E-03	2.75E-03	0.00E+00
2717	259962.9	4027716.12	1.98E-02	3.62E-03	2.70E-03	0.00E+00
2718	259985.9	4027715.52	1.93E-02	3.54E-03	2.64E-03	0.00E+00
2719	260008.9	4027714.93	1.91E-02	3.49E-03	2.61E-03	0.00E+00

2720	260031.9	4027714.33	1.86E-02	3.41E-03	2.54E-03	0.00E+00
2721	260054.9	4027713.73	1.75E-02	3.21E-03	2.39E-03	0.00E+00
2722	260077.9	4027713.14	1.63E-02	2.99E-03	2.23E-03	0.00E+00
2723	260100.9	4027712.54	1.52E-02	2.78E-03	2.07E-03	0.00E+00
2724	260124	4027711.94	1.36E-02	2.48E-03	1.85E-03	0.00E+00
2725	260147	4027711.35	1.15E-02	2.10E-03	1.57E-03	0.00E+00
2726	260170	4027710.75	8.70E-03	1.59E-03	1.19E-03	0.00E+00
2727	259940.5	4027741.71	1.42E-02	2.60E-03	1.94E-03	0.00E+00
2728	259963.5	4027741.11	1.40E-02	2.56E-03	1.91E-03	0.00E+00
2729	259986.5	4027740.52	1.36E-02	2.49E-03	1.86E-03	0.00E+00
2730	260009.5	4027739.92	1.32E-02	2.42E-03	1.81E-03	0.00E+00
2731	260032.6	4027739.32	1.28E-02	2.34E-03	1.74E-03	0.00E+00
2732	260055.6	4027738.73	1.22E-02	2.23E-03	1.66E-03	0.00E+00
2733	260078.6	4027738.13	1.13E-02	2.08E-03	1.55E-03	0.00E+00
2734	260101.6	4027737.53	1.04E-02	1.91E-03	1.43E-03	0.00E+00
2735	260124.6	4027736.94	9.28E-03	1.70E-03	1.27E-03	0.00E+00
2736	260147.6	4027736.34	7.97E-03	1.46E-03	1.09E-03	0.00E+00
2737	260170.6	4027735.74	6.51E-03	1.19E-03	8.90E-04	0.00E+00
2738	259941.2	4027766.7	1.10E-02	2.01E-03	1.50E-03	0.00E+00
2739	259964.2	4027766.1	1.08E-02	1.97E-03	1.47E-03	0.00E+00
2740	259987.2	4027765.51	1.05E-02	1.92E-03	1.43E-03	0.00E+00
2741	260010.2	4027764.91	1.01E-02	1.85E-03	1.38E-03	0.00E+00
2742	260033.2	4027764.31	9.71E-03	1.78E-03	1.33E-03	0.00E+00
2743	260056.2	4027763.72	9.21E-03	1.69E-03	1.26E-03	0.00E+00
2744	260079.2	4027763.12	8.61E-03	1.58E-03	1.18E-03	0.00E+00
2745	260102.2	4027762.52	7.91E-03	1.45E-03	1.08E-03	0.00E+00
2746	260125.2	4027761.93	7.06E-03	1.29E-03	9.65E-04	0.00E+00
2747	260148.3	4027761.33	6.19E-03	1.13E-03	8.45E-04	0.00E+00
2748	260171.3	4027760.73	5.31E-03	9.72E-04	7.25E-04	0.00E+00
2749	259941.8	4027791.69	8.97E-03	1.64E-03	1.23E-03	0.00E+00
2750	259964.8	4027791.1	8.75E-03	1.60E-03	1.20E-03	0.00E+00
2751	259987.8	4027790.5	8.49E-03	1.55E-03	1.16E-03	0.00E+00
2752	260010.8	4027789.9	8.18E-03	1.50E-03	1.12E-03	0.00E+00
2753	260033.9	4027789.31	7.82E-03	1.43E-03	1.07E-03	0.00E+00
2754	260056.9	4027788.71	7.39E-03	1.35E-03	1.01E-03	0.00E+00
2755	260079.9	4027788.11	6.91E-03	1.26E-03	9.44E-04	0.00E+00
2756	260102.9	4027787.52	6.36E-03	1.16E-03	8.69E-04	0.00E+00
2757	260125.9	4027786.92	5.75E-03	1.05E-03	7.86E-04	0.00E+00
2758	260148.9	4027786.32	5.13E-03	9.39E-04	7.01E-04	0.00E+00
2759	260171.9	4027785.73	4.52E-03	8.28E-04	6.18E-04	0.00E+00
2760	259943.1	4027841.68	6.47E-03	1.19E-03	8.85E-04	0.00E+00
2761	259966.1	4027841.08	6.29E-03	1.15E-03	8.60E-04	0.00E+00
2762	259989.1	4027840.48	6.08E-03	1.11E-03	8.31E-04	0.00E+00
2763	260012.1	4027839.89	5.84E-03	1.07E-03	7.98E-04	0.00E+00
2764	260035.1	4027839.29	5.57E-03	1.02E-03	7.61E-04	0.00E+00
2765	260058.2	4027838.69	5.27E-03	9.65E-04	7.20E-04	0.00E+00
2766	260081.2	4027838.1	4.94E-03	9.05E-04	6.76E-04	0.00E+00

2767	260104.2	4027837.5	4.59E-03	8.41E-04	6.28E-04	0.00E+00
2768	260127.2	4027836.9	4.23E-03	7.75E-04	5.78E-04	0.00E+00
2769	260150.2	4027836.31	3.87E-03	7.08E-04	5.29E-04	0.00E+00
2770	260173.2	4027835.71	3.50E-03	6.42E-04	4.79E-04	0.00E+00
2771	259944.4	4027891.66	4.98E-03	9.12E-04	6.81E-04	0.00E+00
2772	259967.4	4027891.06	4.83E-03	8.84E-04	6.60E-04	0.00E+00
2773	259990.4	4027890.47	4.66E-03	8.53E-04	6.37E-04	0.00E+00
2774	260013.4	4027889.87	4.48E-03	8.21E-04	6.13E-04	0.00E+00
2775	260036.4	4027889.27	4.28E-03	7.84E-04	5.85E-04	0.00E+00
2776	260059.5	4027888.68	4.07E-03	7.45E-04	5.56E-04	0.00E+00
2777	260082.5	4027888.08	3.84E-03	7.04E-04	5.25E-04	0.00E+00
2778	260105.5	4027887.48	3.61E-03	6.61E-04	4.93E-04	0.00E+00
2779	260128.5	4027886.89	3.37E-03	6.18E-04	4.61E-04	0.00E+00
2780	260151.5	4027886.29	3.14E-03	5.75E-04	4.30E-04	0.00E+00
2781	260174.5	4027885.69	2.92E-03	5.34E-04	3.98E-04	0.00E+00
2782	259945.7	4027941.64	4.00E-03	7.32E-04	5.46E-04	0.00E+00
2783	259968.7	4027941.05	3.88E-03	7.10E-04	5.30E-04	0.00E+00
2784	259991.7	4027940.45	3.75E-03	6.86E-04	5.12E-04	0.00E+00
2785	260014.7	4027939.85	3.61E-03	6.60E-04	4.93E-04	0.00E+00
2786	260037.7	4027939.26	3.45E-03	6.32E-04	4.72E-04	0.00E+00
2787	260060.8	4027938.66	3.29E-03	6.03E-04	4.50E-04	0.00E+00
2788	260083.8	4027938.06	3.13E-03	5.73E-04	4.28E-04	0.00E+00
2789	260106.8	4027937.47	2.97E-03	5.43E-04	4.06E-04	0.00E+00
2790	260129.8	4027936.87	2.80E-03	5.13E-04	3.83E-04	0.00E+00
2791	260152.8	4027936.27	2.64E-03	4.84E-04	3.61E-04	0.00E+00
2792	260175.8	4027935.68	2.48E-03	4.54E-04	3.39E-04	0.00E+00
2793	259947	4027991.63	3.31E-03	6.06E-04	4.52E-04	0.00E+00
2794	259970	4027991.03	3.21E-03	5.88E-04	4.39E-04	0.00E+00
2795	259993	4027990.43	3.10E-03	5.68E-04	4.24E-04	0.00E+00
2796	260016	4027989.84	2.99E-03	5.47E-04	4.08E-04	0.00E+00
2797	260039	4027989.24	2.87E-03	5.25E-04	3.92E-04	0.00E+00
2798	260062	4027988.64	2.75E-03	5.04E-04	3.76E-04	0.00E+00
2799	260085.1	4027988.05	2.63E-03	4.82E-04	3.59E-04	0.00E+00
2800	260108.1	4027987.45	2.51E-03	4.60E-04	3.43E-04	0.00E+00
2801	260131.1	4027986.85	2.39E-03	4.38E-04	3.27E-04	0.00E+00
2802	260154.1	4027986.26	2.27E-03	4.16E-04	3.11E-04	0.00E+00
2803	260177.1	4027985.66	2.15E-03	3.94E-04	2.94E-04	0.00E+00
2804	259949.6	4028091.59	2.41E-03	4.42E-04	3.30E-04	0.00E+00
2805	259972.6	4028091	2.35E-03	4.29E-04	3.21E-04	0.00E+00
2806	259995.6	4028090.4	2.27E-03	4.16E-04	3.11E-04	0.00E+00
2807	260018.6	4028089.8	2.20E-03	4.02E-04	3.00E-04	0.00E+00
2808	260041.6	4028089.21	2.13E-03	3.89E-04	2.91E-04	0.00E+00
2809	260064.6	4028088.61	2.05E-03	3.76E-04	2.81E-04	0.00E+00
2810	260087.7	4028088.01	1.98E-03	3.63E-04	2.71E-04	0.00E+00
2811	260110.7	4028087.42	1.91E-03	3.50E-04	2.61E-04	0.00E+00
2812	260133.7	4028086.82	1.83E-03	3.36E-04	2.51E-04	0.00E+00
2813	260156.7	4028086.22	1.76E-03	3.23E-04	2.41E-04	0.00E+00

2814	260179.7	4028085.63	1.69E-03	3.10E-04	2.31E-04	0.00E+00
2815	259952.2	4028191.56	1.84E-03	3.37E-04	2.51E-04	0.00E+00
2816	259975.2	4028190.96	1.81E-03	3.32E-04	2.48E-04	0.00E+00
2817	259998.2	4028190.37	1.78E-03	3.26E-04	2.43E-04	0.00E+00
2818	260021.2	4028189.77	1.73E-03	3.17E-04	2.36E-04	0.00E+00
2819	260044.2	4028189.17	1.68E-03	3.07E-04	2.29E-04	0.00E+00
2820	260067.2	4028188.58	1.63E-03	2.98E-04	2.22E-04	0.00E+00
2821	260090.2	4028187.98	1.58E-03	2.90E-04	2.16E-04	0.00E+00
2822	260113.3	4028187.38	1.53E-03	2.81E-04	2.10E-04	0.00E+00
2823	260136.3	4028186.79	1.49E-03	2.72E-04	2.03E-04	0.00E+00
2824	260159.3	4028186.19	1.44E-03	2.63E-04	1.97E-04	0.00E+00
2825	260182.3	4028185.59	1.38E-03	2.53E-04	1.89E-04	0.00E+00
2826	259954.8	4028291.53	1.49E-03	2.72E-04	2.03E-04	0.00E+00
2827	259977.8	4028290.93	1.46E-03	2.68E-04	2.00E-04	0.00E+00
2828	260000.8	4028290.33	1.44E-03	2.63E-04	1.97E-04	0.00E+00
2829	260023.8	4028289.74	1.41E-03	2.58E-04	1.92E-04	0.00E+00
2830	260046.8	4028289.14	1.37E-03	2.51E-04	1.87E-04	0.00E+00
2831	260069.8	4028288.54	1.33E-03	2.44E-04	1.82E-04	0.00E+00
2832	260092.8	4028287.95	1.29E-03	2.37E-04	1.77E-04	0.00E+00
2833	260115.8	4028287.35	1.26E-03	2.30E-04	1.72E-04	0.00E+00
2834	260138.9	4028286.75	1.22E-03	2.24E-04	1.67E-04	0.00E+00
2835	260161.9	4028286.16	1.19E-03	2.18E-04	1.63E-04	0.00E+00
2836	260184.9	4028285.56	1.16E-03	2.12E-04	1.58E-04	0.00E+00
2837	259957.4	4028391.49	1.26E-03	2.30E-04	1.72E-04	0.00E+00
2838	259980.4	4028390.89	1.23E-03	2.25E-04	1.68E-04	0.00E+00
2839	260003.4	4028390.3	1.20E-03	2.20E-04	1.65E-04	0.00E+00
2840	260026.4	4028389.7	1.18E-03	2.16E-04	1.61E-04	0.00E+00
2841	260049.4	4028389.1	1.15E-03	2.11E-04	1.58E-04	0.00E+00
2842	260072.4	4028388.51	1.13E-03	2.07E-04	1.54E-04	0.00E+00
2843	260095.4	4028387.91	1.11E-03	2.02E-04	1.51E-04	0.00E+00
2844	260118.4	4028387.31	1.09E-03	1.99E-04	1.48E-04	0.00E+00
2845	260141.4	4028386.72	1.07E-03	1.95E-04	1.46E-04	0.00E+00
2846	260164.5	4028386.12	1.04E-03	1.91E-04	1.43E-04	0.00E+00
2847	260187.5	4028385.52	1.02E-03	1.86E-04	1.39E-04	0.00E+00
2848	259985.6	4028590.83	9.73E-04	1.78E-04	1.33E-04	0.00E+00
2849	260008.6	4028590.23	9.54E-04	1.75E-04	1.30E-04	0.00E+00
2850	260031.6	4028589.63	9.33E-04	1.71E-04	1.28E-04	0.00E+00
2851	260054.6	4028589.04	9.14E-04	1.67E-04	1.25E-04	0.00E+00
2852	260077.6	4028588.44	8.95E-04	1.64E-04	1.22E-04	0.00E+00
2853	260100.6	4028587.84	8.76E-04	1.60E-04	1.20E-04	0.00E+00
2854	260123.6	4028587.25	8.58E-04	1.57E-04	1.17E-04	0.00E+00
2855	260146.6	4028586.65	8.41E-04	1.54E-04	1.15E-04	0.00E+00
2856	260169.6	4028586.05	8.23E-04	1.51E-04	1.12E-04	0.00E+00
2857	260192.7	4028585.46	8.05E-04	1.47E-04	1.10E-04	0.00E+00
2858	259990.7	4028790.76	8.00E-04	1.46E-04	1.09E-04	0.00E+00
2859	260013.8	4028790.16	7.86E-04	1.44E-04	1.07E-04	0.00E+00
2860	260036.8	4028789.57	7.72E-04	1.41E-04	1.05E-04	0.00E+00

2861	260059.8	4028788.97	7.58E-04	1.39E-04	1.04E-04	0.00E+00
2862	260082.8	4028788.37	7.44E-04	1.36E-04	1.02E-04	0.00E+00
2863	260105.8	4028787.78	7.30E-04	1.34E-04	9.97E-05	0.00E+00
2864	260128.8	4028787.18	7.15E-04	1.31E-04	9.78E-05	0.00E+00
2865	260151.8	4028786.58	7.01E-04	1.28E-04	9.58E-05	0.00E+00
2866	260174.8	4028785.99	6.87E-04	1.26E-04	9.39E-05	0.00E+00
2867	260197.8	4028785.39	6.72E-04	1.23E-04	9.19E-05	0.00E+00
2868	259995.9	4028990.69	6.83E-04	1.25E-04	9.33E-05	0.00E+00
2869	260018.9	4028990.1	6.72E-04	1.23E-04	9.19E-05	0.00E+00
2870	260041.9	4028989.5	6.61E-04	1.21E-04	9.03E-05	0.00E+00
2871	260065	4028988.9	6.50E-04	1.19E-04	8.88E-05	0.00E+00
2872	260088	4028988.31	6.38E-04	1.17E-04	8.72E-05	0.00E+00
2873	260111	4028987.71	6.27E-04	1.15E-04	8.56E-05	0.00E+00
2874	260134	4028987.11	6.16E-04	1.13E-04	8.41E-05	0.00E+00
2875	260157	4028986.52	6.04E-04	1.11E-04	8.26E-05	0.00E+00
2876	260180	4028985.92	5.93E-04	1.09E-04	8.10E-05	0.00E+00
2877	260203	4028985.32	5.81E-04	1.06E-04	7.95E-05	0.00E+00
2878	260001.1	4029190.63	6.00E-04	1.10E-04	8.19E-05	0.00E+00
2879	260024.1	4029190.03	5.92E-04	1.08E-04	8.09E-05	0.00E+00
2880	260047.1	4029189.43	5.83E-04	1.07E-04	7.97E-05	0.00E+00
2881	260070.1	4029188.84	5.74E-04	1.05E-04	7.85E-05	0.00E+00
2882	260093.2	4029188.24	5.65E-04	1.03E-04	7.72E-05	0.00E+00
2883	260116.2	4029187.64	5.55E-04	1.02E-04	7.59E-05	0.00E+00
2884	260139.2	4029187.05	5.45E-04	9.97E-05	7.44E-05	0.00E+00
2885	260162.2	4029186.45	5.34E-04	9.78E-05	7.30E-05	0.00E+00
2886	260185.2	4029185.85	5.24E-04	9.60E-05	7.16E-05	0.00E+00
2887	260208.2	4029185.26	5.16E-04	9.44E-05	7.05E-05	0.00E+00
2888	260190.4	4027695.65	7.65E-03	1.40E-03	1.05E-03	0.00E+00
2889	260195.5	4027670.19	9.75E-03	1.79E-03	1.33E-03	0.00E+00
2890	260214.1	4027700.1	5.56E-03	1.02E-03	7.60E-04	0.00E+00
2891	260192.8	4027726.5	5.67E-03	1.04E-03	7.75E-04	0.00E+00
2892	260220.4	4027671.92	6.49E-03	1.19E-03	8.87E-04	0.00E+00
2893	260238.4	4027703.19	4.42E-03	8.09E-04	6.04E-04	0.00E+00
2894	260226.9	4027727.68	4.25E-03	7.78E-04	5.81E-04	0.00E+00
2895	260208.7	4027745.13	4.44E-03	8.12E-04	6.06E-04	0.00E+00
2896	260245.3	4027673.65	4.93E-03	9.02E-04	6.73E-04	0.00E+00
2897	260263	4027705.74	3.68E-03	6.74E-04	5.03E-04	0.00E+00
2898	260250.7	4027731.86	3.57E-03	6.54E-04	4.88E-04	0.00E+00
2899	260225.2	4027763.53	3.67E-03	6.72E-04	5.01E-04	0.00E+00
2900	260198.5	4027774.63	4.09E-03	7.49E-04	5.59E-04	0.00E+00
2901	260270.3	4027675.38	4.03E-03	7.38E-04	5.51E-04	0.00E+00
2902	260312.4	4027710.13	2.76E-03	5.05E-04	3.77E-04	0.00E+00
2903	260299.3	4027738.12	2.70E-03	4.95E-04	3.69E-04	0.00E+00
2904	260286.2	4027766.11	2.66E-03	4.87E-04	3.64E-04	0.00E+00
2905	260258.8	4027800.04	2.71E-03	4.96E-04	3.70E-04	0.00E+00
2906	260230.3	4027811.93	2.95E-03	5.40E-04	4.03E-04	0.00E+00
2907	260201.7	4027823.82	3.22E-03	5.90E-04	4.40E-04	0.00E+00

2908	260320.2	4027678.84	2.94E-03	5.39E-04	4.02E-04	0.00E+00
2909	260362	4027714.11	2.20E-03	4.03E-04	3.01E-04	0.00E+00
2910	260348.4	4027743.14	2.16E-03	3.96E-04	2.95E-04	0.00E+00
2911	260334.8	4027772.16	2.14E-03	3.91E-04	2.92E-04	0.00E+00
2912	260321.2	4027801.19	2.13E-03	3.90E-04	2.91E-04	0.00E+00
2913	260292.9	4027836.38	2.17E-03	3.97E-04	2.96E-04	0.00E+00
2914	260263.3	4027848.71	2.33E-03	4.27E-04	3.18E-04	0.00E+00
2915	260233.7	4027861.03	2.51E-03	4.59E-04	3.43E-04	0.00E+00
2916	260204.1	4027873.36	2.71E-03	4.97E-04	3.71E-04	0.00E+00
2917	260370	4027682.3	2.31E-03	4.23E-04	3.15E-04	0.00E+00
2918	260411.8	4027717.9	1.82E-03	3.33E-04	2.49E-04	0.00E+00
2919	260397.9	4027747.59	1.80E-03	3.30E-04	2.46E-04	0.00E+00
2920	260384	4027777.27	1.79E-03	3.28E-04	2.45E-04	0.00E+00
2921	260370	4027806.96	1.78E-03	3.26E-04	2.43E-04	0.00E+00
2922	260356.1	4027836.64	1.77E-03	3.25E-04	2.42E-04	0.00E+00
2923	260327.1	4027872.63	1.81E-03	3.31E-04	2.47E-04	0.00E+00
2924	260296.8	4027885.24	1.92E-03	3.52E-04	2.63E-04	0.00E+00
2925	260266.6	4027897.85	2.05E-03	3.76E-04	2.81E-04	0.00E+00
2926	260236.3	4027910.46	2.20E-03	4.04E-04	3.01E-04	0.00E+00
2927	260206.1	4027923.07	2.35E-03	4.30E-04	3.21E-04	0.00E+00
2928	260419.9	4027685.76	1.89E-03	3.46E-04	2.59E-04	0.00E+00
2929	260461.5	4027721.59	1.54E-03	2.82E-04	2.10E-04	0.00E+00
2930	260447.4	4027751.73	1.53E-03	2.79E-04	2.09E-04	0.00E+00
2931	260433.3	4027781.87	1.53E-03	2.80E-04	2.09E-04	0.00E+00
2932	260419.2	4027812.01	1.53E-03	2.80E-04	2.09E-04	0.00E+00
2933	260405.1	4027842.16	1.53E-03	2.79E-04	2.09E-04	0.00E+00
2934	260390.9	4027872.3	1.52E-03	2.78E-04	2.07E-04	0.00E+00
2935	260361.4	4027908.84	1.55E-03	2.84E-04	2.12E-04	0.00E+00
2936	260330.7	4027921.64	1.64E-03	3.00E-04	2.24E-04	0.00E+00
2937	260300	4027934.45	1.74E-03	3.19E-04	2.38E-04	0.00E+00
2938	260269.3	4027947.25	1.85E-03	3.38E-04	2.52E-04	0.00E+00
2939	260238.6	4027960.05	1.95E-03	3.57E-04	2.66E-04	0.00E+00
2940	260207.8	4027972.86	2.06E-03	3.76E-04	2.81E-04	0.00E+00
2941	260469.8	4027689.22	1.59E-03	2.92E-04	2.18E-04	0.00E+00
2942	260561.2	4027728.81	1.17E-03	2.14E-04	1.60E-04	0.00E+00
2943	260546.8	4027759.54	1.17E-03	2.14E-04	1.60E-04	0.00E+00
2944	260532.4	4027790.27	1.16E-03	2.13E-04	1.59E-04	0.00E+00
2945	260518	4027821	1.17E-03	2.14E-04	1.59E-04	0.00E+00
2946	260503.6	4027851.73	1.18E-03	2.15E-04	1.61E-04	0.00E+00
2947	260489.2	4027882.47	1.19E-03	2.17E-04	1.62E-04	0.00E+00
2948	260474.8	4027913.2	1.19E-03	2.17E-04	1.62E-04	0.00E+00
2949	260460.4	4027943.93	1.18E-03	2.17E-04	1.62E-04	0.00E+00
2950	260430.3	4027981.19	1.21E-03	2.21E-04	1.65E-04	0.00E+00
2951	260399	4027994.25	1.27E-03	2.32E-04	1.73E-04	0.00E+00
2952	260367.7	4028007.3	1.32E-03	2.42E-04	1.81E-04	0.00E+00
2953	260336.3	4028020.35	1.38E-03	2.53E-04	1.89E-04	0.00E+00
2954	260305	4028033.41	1.44E-03	2.64E-04	1.97E-04	0.00E+00

2955	260273.7	4028046.46	1.50E-03	2.75E-04	2.06E-04	0.00E+00
2956	260242.3	4028059.52	1.57E-03	2.87E-04	2.14E-04	0.00E+00
2957	260211	4028072.57	1.63E-03	2.99E-04	2.23E-04	0.00E+00
2958	260569.6	4027696.14	1.19E-03	2.18E-04	1.63E-04	0.00E+00
2959	260660.8	4027735.91	9.26E-04	1.70E-04	1.27E-04	0.00E+00
2960	260646.3	4027767.01	9.27E-04	1.70E-04	1.27E-04	0.00E+00
2961	260631.7	4027798.1	9.31E-04	1.71E-04	1.27E-04	0.00E+00
2962	260617.1	4027829.2	9.32E-04	1.71E-04	1.27E-04	0.00E+00
2963	260602.6	4027860.3	9.39E-04	1.72E-04	1.28E-04	0.00E+00
2964	260588	4027891.4	9.50E-04	1.74E-04	1.30E-04	0.00E+00
2965	260573.4	4027922.5	9.64E-04	1.77E-04	1.32E-04	0.00E+00
2966	260558.8	4027953.6	9.72E-04	1.78E-04	1.33E-04	0.00E+00
2967	260544.3	4027984.69	9.74E-04	1.78E-04	1.33E-04	0.00E+00
2968	260529.7	4028015.79	9.73E-04	1.78E-04	1.33E-04	0.00E+00
2969	260499.3	4028053.49	9.91E-04	1.81E-04	1.35E-04	0.00E+00
2970	260467.6	4028066.7	1.03E-03	1.88E-04	1.40E-04	0.00E+00
2971	260435.9	4028079.91	1.06E-03	1.94E-04	1.45E-04	0.00E+00
2972	260404.2	4028093.12	1.10E-03	2.01E-04	1.50E-04	0.00E+00
2973	260372.5	4028106.33	1.13E-03	2.07E-04	1.55E-04	0.00E+00
2974	260340.8	4028119.54	1.17E-03	2.15E-04	1.60E-04	0.00E+00
2975	260309.1	4028132.75	1.21E-03	2.22E-04	1.66E-04	0.00E+00
2976	260277.4	4028145.96	1.26E-03	2.30E-04	1.72E-04	0.00E+00
2977	260245.7	4028159.17	1.30E-03	2.38E-04	1.78E-04	0.00E+00
2978	260214	4028172.38	1.34E-03	2.45E-04	1.83E-04	0.00E+00
2979	260669.3	4027703.06	9.41E-04	1.72E-04	1.29E-04	0.00E+00
2980	260760.5	4027742.95	7.60E-04	1.39E-04	1.04E-04	0.00E+00
2981	260745.9	4027774.3	7.60E-04	1.39E-04	1.04E-04	0.00E+00
2982	260731.2	4027805.65	7.63E-04	1.40E-04	1.04E-04	0.00E+00
2983	260716.5	4027836.99	7.70E-04	1.41E-04	1.05E-04	0.00E+00
2984	260701.8	4027868.34	7.75E-04	1.42E-04	1.06E-04	0.00E+00
2985	260687.1	4027899.69	7.84E-04	1.43E-04	1.07E-04	0.00E+00
2986	260672.4	4027931.03	7.94E-04	1.45E-04	1.09E-04	0.00E+00
2987	260657.7	4027962.38	8.06E-04	1.48E-04	1.10E-04	0.00E+00
2988	260643	4027993.73	8.18E-04	1.50E-04	1.12E-04	0.00E+00
2989	260628.4	4028025.07	8.26E-04	1.51E-04	1.13E-04	0.00E+00
2990	260613.7	4028056.42	8.30E-04	1.52E-04	1.13E-04	0.00E+00
2991	260599	4028087.77	8.30E-04	1.52E-04	1.13E-04	0.00E+00
2992	260568.3	4028125.77	8.39E-04	1.54E-04	1.15E-04	0.00E+00
2993	260536.4	4028139.09	8.61E-04	1.58E-04	1.18E-04	0.00E+00
2994	260504.4	4028152.4	8.83E-04	1.62E-04	1.21E-04	0.00E+00
2995	260472.5	4028165.72	9.07E-04	1.66E-04	1.24E-04	0.00E+00
2996	260440.5	4028179.03	9.32E-04	1.71E-04	1.27E-04	0.00E+00
2997	260408.6	4028192.35	9.56E-04	1.75E-04	1.31E-04	0.00E+00
2998	260376.6	4028205.67	9.81E-04	1.80E-04	1.34E-04	0.00E+00
2999	260344.6	4028218.98	1.01E-03	1.85E-04	1.38E-04	0.00E+00
3000	260312.7	4028232.3	1.04E-03	1.90E-04	1.42E-04	0.00E+00
3001	260280.7	4028245.61	1.07E-03	1.96E-04	1.46E-04	0.00E+00

3002	260248.8	4028258.93	1.10E-03	2.01E-04	1.50E-04	0.00E+00
3003	260216.8	4028272.24	1.13E-03	2.07E-04	1.55E-04	0.00E+00
3004	260769.1	4027709.98	7.69E-04	1.41E-04	1.05E-04	0.00E+00
3005	260860.5	4027749.44	6.40E-04	1.17E-04	8.74E-05	0.00E+00
3006	260846.2	4027779.91	6.43E-04	1.18E-04	8.79E-05	0.00E+00
3007	260831.9	4027810.39	6.47E-04	1.18E-04	8.84E-05	0.00E+00
3008	260817.7	4027840.87	6.50E-04	1.19E-04	8.89E-05	0.00E+00
3009	260803.4	4027871.34	6.54E-04	1.20E-04	8.94E-05	0.00E+00
3010	260789.1	4027901.82	6.59E-04	1.21E-04	9.00E-05	0.00E+00
3011	260774.8	4027932.29	6.66E-04	1.22E-04	9.10E-05	0.00E+00
3012	260760.6	4027962.77	6.75E-04	1.24E-04	9.23E-05	0.00E+00
3013	260746.3	4027993.25	6.87E-04	1.26E-04	9.38E-05	0.00E+00
3014	260732	4028023.72	6.98E-04	1.28E-04	9.54E-05	0.00E+00
3015	260717.7	4028054.2	7.09E-04	1.30E-04	9.68E-05	0.00E+00
3016	260703.4	4028084.67	7.17E-04	1.31E-04	9.79E-05	0.00E+00
3017	260689.2	4028115.15	7.21E-04	1.32E-04	9.86E-05	0.00E+00
3018	260674.9	4028145.63	7.23E-04	1.32E-04	9.88E-05	0.00E+00
3019	260660.6	4028176.1	7.19E-04	1.32E-04	9.83E-05	0.00E+00
3020	260637.9	4028197.81	7.24E-04	1.33E-04	9.90E-05	0.00E+00
3021	260606.9	4028210.76	7.40E-04	1.35E-04	1.01E-04	0.00E+00
3022	260575.8	4028223.71	7.56E-04	1.38E-04	1.03E-04	0.00E+00
3023	260544.7	4028236.65	7.72E-04	1.41E-04	1.05E-04	0.00E+00
3024	260513.7	4028249.6	7.88E-04	1.44E-04	1.08E-04	0.00E+00
3025	260482.6	4028262.54	8.04E-04	1.47E-04	1.10E-04	0.00E+00
3026	260451.5	4028275.49	8.20E-04	1.50E-04	1.12E-04	0.00E+00
3027	260420.5	4028288.43	8.37E-04	1.53E-04	1.14E-04	0.00E+00
3028	260389.4	4028301.38	8.58E-04	1.57E-04	1.17E-04	0.00E+00
3029	260358.3	4028314.32	8.83E-04	1.62E-04	1.21E-04	0.00E+00
3030	260327.3	4028327.27	9.07E-04	1.66E-04	1.24E-04	0.00E+00
3031	260296.2	4028340.22	9.29E-04	1.70E-04	1.27E-04	0.00E+00
3032	260265.1	4028353.16	9.54E-04	1.75E-04	1.30E-04	0.00E+00
3033	260234.1	4028366.11	9.79E-04	1.79E-04	1.34E-04	0.00E+00
3034	260868.8	4027716.9	6.44E-04	1.18E-04	8.80E-05	0.00E+00
3035	261059.9	4027763.51	4.78E-04	8.75E-05	6.53E-05	0.00E+00
3036	261045.4	4027794.44	4.79E-04	8.76E-05	6.54E-05	0.00E+00
3037	261030.9	4027825.37	4.83E-04	8.84E-05	6.60E-05	0.00E+00
3038	261016.4	4027856.31	4.87E-04	8.91E-05	6.65E-05	0.00E+00
3039	261001.9	4027887.24	4.90E-04	8.98E-05	6.70E-05	0.00E+00
3040	260987.5	4027918.18	4.95E-04	9.06E-05	6.76E-05	0.00E+00
3041	260973	4027949.11	5.00E-04	9.15E-05	6.83E-05	0.00E+00
3042	260958.5	4027980.05	5.05E-04	9.25E-05	6.90E-05	0.00E+00
3043	260944	4028010.98	5.11E-04	9.36E-05	6.99E-05	0.00E+00
3044	260929.5	4028041.92	5.19E-04	9.50E-05	7.09E-05	0.00E+00
3045	260915	4028072.85	5.27E-04	9.64E-05	7.20E-05	0.00E+00
3046	260900.5	4028103.78	5.36E-04	9.81E-05	7.32E-05	0.00E+00
3047	260886	4028134.72	5.45E-04	9.98E-05	7.45E-05	0.00E+00
3048	260871.5	4028165.65	5.54E-04	1.01E-04	7.57E-05	0.00E+00

3049	260857	4028196.59	5.62E-04	1.03E-04	7.68E-05	0.00E+00
3050	260842.5	4028227.52	5.66E-04	1.04E-04	7.74E-05	0.00E+00
3051	260828	4028258.46	5.68E-04	1.04E-04	7.76E-05	0.00E+00
3052	260813.5	4028289.39	5.67E-04	1.04E-04	7.75E-05	0.00E+00
3053	260799	4028320.33	5.67E-04	1.04E-04	7.75E-05	0.00E+00
3054	260776	4028342.36	5.70E-04	1.04E-04	7.80E-05	0.00E+00
3055	260744.5	4028355.5	5.80E-04	1.06E-04	7.93E-05	0.00E+00
3056	260713	4028368.64	5.88E-04	1.08E-04	8.03E-05	0.00E+00
3057	260681.4	4028381.78	5.96E-04	1.09E-04	8.14E-05	0.00E+00
3058	260649.9	4028394.92	6.04E-04	1.11E-04	8.26E-05	0.00E+00
3059	260618.4	4028408.06	6.13E-04	1.12E-04	8.38E-05	0.00E+00
3060	260586.8	4028421.2	6.22E-04	1.14E-04	8.51E-05	0.00E+00
3061	260555.3	4028434.34	6.32E-04	1.16E-04	8.63E-05	0.00E+00
3062	260523.8	4028447.49	6.41E-04	1.17E-04	8.76E-05	0.00E+00
3063	260492.2	4028460.63	6.53E-04	1.19E-04	8.92E-05	0.00E+00
3064	260460.7	4028473.77	6.65E-04	1.22E-04	9.09E-05	0.00E+00
3065	260429.2	4028486.91	6.77E-04	1.24E-04	9.26E-05	0.00E+00
3066	260397.6	4028500.05	6.88E-04	1.26E-04	9.40E-05	0.00E+00
3067	260366.1	4028513.19	7.08E-04	1.30E-04	9.68E-05	0.00E+00
3068	260334.6	4028526.33	7.27E-04	1.33E-04	9.94E-05	0.00E+00
3069	260303	4028539.47	7.45E-04	1.36E-04	1.02E-04	0.00E+00
3070	260271.5	4028552.61	7.64E-04	1.40E-04	1.04E-04	0.00E+00
3071	260240	4028565.75	7.81E-04	1.43E-04	1.07E-04	0.00E+00
3072	261068.4	4027730.74	4.83E-04	8.83E-05	6.59E-05	0.00E+00
3073	261259.4	4027777.49	3.85E-04	7.05E-05	5.27E-05	0.00E+00
3074	261244.7	4027808.73	3.85E-04	7.04E-05	5.26E-05	0.00E+00
3075	261230.1	4027839.96	3.84E-04	7.03E-05	5.25E-05	0.00E+00
3076	261215.5	4027871.19	3.85E-04	7.04E-05	5.26E-05	0.00E+00
3077	261200.8	4027902.43	3.85E-04	7.05E-05	5.27E-05	0.00E+00
3078	261186.2	4027933.66	3.87E-04	7.09E-05	5.29E-05	0.00E+00
3079	261171.6	4027964.89	3.91E-04	7.16E-05	5.35E-05	0.00E+00
3080	261156.9	4027996.13	3.96E-04	7.26E-05	5.42E-05	0.00E+00
3081	261142.3	4028027.36	4.01E-04	7.35E-05	5.48E-05	0.00E+00
3082	261127.7	4028058.59	4.06E-04	7.44E-05	5.55E-05	0.00E+00
3083	261113	4028089.83	4.13E-04	7.56E-05	5.65E-05	0.00E+00
3084	261098.4	4028121.06	4.21E-04	7.71E-05	5.75E-05	0.00E+00
3085	261083.8	4028152.29	4.29E-04	7.85E-05	5.86E-05	0.00E+00
3086	261069.1	4028183.53	4.36E-04	7.99E-05	5.96E-05	0.00E+00
3087	261054.5	4028214.76	4.45E-04	8.14E-05	6.08E-05	0.00E+00
3088	261039.9	4028245.99	4.52E-04	8.27E-05	6.17E-05	0.00E+00
3089	261025.2	4028277.23	4.58E-04	8.39E-05	6.26E-05	0.00E+00
3090	261010.6	4028308.46	4.63E-04	8.47E-05	6.32E-05	0.00E+00
3091	260996	4028339.69	4.66E-04	8.53E-05	6.37E-05	0.00E+00
3092	260981.3	4028370.93	4.68E-04	8.57E-05	6.39E-05	0.00E+00
3093	260966.7	4028402.16	4.68E-04	8.56E-05	6.39E-05	0.00E+00
3094	260952.1	4028433.39	4.67E-04	8.54E-05	6.38E-05	0.00E+00
3095	260937.4	4028464.63	4.65E-04	8.51E-05	6.36E-05	0.00E+00

3096	260914.2	4028486.88	4.67E-04	8.55E-05	6.38E-05	0.00E+00
3097	260882.4	4028500.15	4.73E-04	8.67E-05	6.47E-05	0.00E+00
3098	260850.5	4028513.41	4.79E-04	8.77E-05	6.55E-05	0.00E+00
3099	260818.7	4028526.68	4.84E-04	8.87E-05	6.62E-05	0.00E+00
3100	260786.8	4028539.95	4.91E-04	8.99E-05	6.71E-05	0.00E+00
3101	260755	4028553.21	4.98E-04	9.12E-05	6.81E-05	0.00E+00
3102	260723.2	4028566.48	5.05E-04	9.24E-05	6.90E-05	0.00E+00
3103	260691.3	4028579.75	5.11E-04	9.35E-05	6.98E-05	0.00E+00
3104	260659.5	4028593.02	5.16E-04	9.44E-05	7.05E-05	0.00E+00
3105	260627.6	4028606.28	5.21E-04	9.55E-05	7.13E-05	0.00E+00
3106	260595.8	4028619.55	5.27E-04	9.66E-05	7.21E-05	0.00E+00
3107	260564	4028632.82	5.33E-04	9.76E-05	7.29E-05	0.00E+00
3108	260532.1	4028646.08	5.39E-04	9.87E-05	7.36E-05	0.00E+00
3109	260500.3	4028659.35	5.48E-04	1.00E-04	7.49E-05	0.00E+00
3110	260468.5	4028672.62	5.60E-04	1.03E-04	7.65E-05	0.00E+00
3111	260436.6	4028685.89	5.74E-04	1.05E-04	7.85E-05	0.00E+00
3112	260404.8	4028699.15	5.89E-04	1.08E-04	8.04E-05	0.00E+00
3113	260372.9	4028712.42	6.03E-04	1.10E-04	8.24E-05	0.00E+00
3114	260341.1	4028725.69	6.17E-04	1.13E-04	8.43E-05	0.00E+00
3115	260309.3	4028738.96	6.28E-04	1.15E-04	8.58E-05	0.00E+00
3116	260277.4	4028752.22	6.38E-04	1.17E-04	8.72E-05	0.00E+00
3117	260245.6	4028765.49	6.50E-04	1.19E-04	8.89E-05	0.00E+00
3118	261267.9	4027744.58	3.91E-04	7.15E-05	5.34E-05	0.00E+00
3119	261459	4027791.15	3.28E-04	6.00E-05	4.48E-05	0.00E+00
3120	261444.5	4027822.03	3.24E-04	5.93E-05	4.43E-05	0.00E+00
3121	261430	4027852.9	3.21E-04	5.88E-05	4.39E-05	0.00E+00
3122	261415.6	4027883.77	3.20E-04	5.86E-05	4.37E-05	0.00E+00
3123	261401.1	4027914.64	3.20E-04	5.86E-05	4.37E-05	0.00E+00
3124	261386.7	4027945.51	3.21E-04	5.87E-05	4.38E-05	0.00E+00
3125	261372.2	4027976.39	3.21E-04	5.88E-05	4.39E-05	0.00E+00
3126	261357.7	4028007.26	3.22E-04	5.90E-05	4.40E-05	0.00E+00
3127	261343.3	4028038.13	3.24E-04	5.94E-05	4.43E-05	0.00E+00
3128	261328.8	4028069	3.28E-04	6.00E-05	4.48E-05	0.00E+00
3129	261314.3	4028099.87	3.32E-04	6.08E-05	4.54E-05	0.00E+00
3130	261299.9	4028130.74	3.38E-04	6.18E-05	4.61E-05	0.00E+00
3131	261285.4	4028161.62	3.44E-04	6.30E-05	4.70E-05	0.00E+00
3132	261270.9	4028192.49	3.50E-04	6.41E-05	4.79E-05	0.00E+00
3133	261256.5	4028223.36	3.57E-04	6.54E-05	4.88E-05	0.00E+00
3134	261242	4028254.23	3.65E-04	6.68E-05	4.99E-05	0.00E+00
3135	261227.5	4028285.1	3.72E-04	6.80E-05	5.08E-05	0.00E+00
3136	261213.1	4028315.98	3.78E-04	6.92E-05	5.17E-05	0.00E+00
3137	261198.6	4028346.85	3.84E-04	7.04E-05	5.25E-05	0.00E+00
3138	261184.2	4028377.72	3.89E-04	7.13E-05	5.32E-05	0.00E+00
3139	261169.7	4028408.59	3.92E-04	7.19E-05	5.36E-05	0.00E+00
3140	261155.2	4028439.46	3.95E-04	7.23E-05	5.40E-05	0.00E+00
3141	261140.8	4028470.34	3.96E-04	7.25E-05	5.41E-05	0.00E+00
3142	261126.3	4028501.21	3.96E-04	7.25E-05	5.41E-05	0.00E+00

3143	261111.8	4028532.08	3.95E-04	7.23E-05	5.40E-05	0.00E+00
3144	261097.4	4028562.95	3.93E-04	7.20E-05	5.38E-05	0.00E+00
3145	261082.9	4028593.82	3.91E-04	7.16E-05	5.34E-05	0.00E+00
3146	261052.7	4028631.25	3.92E-04	7.18E-05	5.36E-05	0.00E+00
3147	261021.2	4028644.37	3.97E-04	7.27E-05	5.43E-05	0.00E+00
3148	260989.8	4028657.48	4.02E-04	7.36E-05	5.50E-05	0.00E+00
3149	260958.3	4028670.59	4.07E-04	7.46E-05	5.57E-05	0.00E+00
3150	260926.8	4028683.71	4.12E-04	7.55E-05	5.63E-05	0.00E+00
3151	260895.4	4028696.82	4.17E-04	7.64E-05	5.70E-05	0.00E+00
3152	260863.9	4028709.94	4.23E-04	7.74E-05	5.78E-05	0.00E+00
3153	260832.4	4028723.05	4.28E-04	7.83E-05	5.85E-05	0.00E+00
3154	260800.9	4028736.16	4.33E-04	7.93E-05	5.92E-05	0.00E+00
3155	260769.5	4028749.28	4.38E-04	8.01E-05	5.98E-05	0.00E+00
3156	260738	4028762.39	4.41E-04	8.08E-05	6.03E-05	0.00E+00
3157	260706.5	4028775.5	4.43E-04	8.11E-05	6.05E-05	0.00E+00
3158	260675.1	4028788.62	4.46E-04	8.16E-05	6.09E-05	0.00E+00
3159	260643.6	4028801.73	4.49E-04	8.23E-05	6.14E-05	0.00E+00
3160	260612.1	4028814.85	4.55E-04	8.33E-05	6.22E-05	0.00E+00
3161	260580.7	4028827.96	4.61E-04	8.45E-05	6.30E-05	0.00E+00
3162	260549.2	4028841.07	4.69E-04	8.59E-05	6.41E-05	0.00E+00
3163	260517.7	4028854.19	4.77E-04	8.74E-05	6.52E-05	0.00E+00
3164	260486.2	4028867.3	4.89E-04	8.94E-05	6.68E-05	0.00E+00
3165	260454.8	4028880.41	4.99E-04	9.14E-05	6.82E-05	0.00E+00
3166	260423.3	4028893.53	5.09E-04	9.32E-05	6.96E-05	0.00E+00
3167	260391.8	4028906.64	5.19E-04	9.50E-05	7.09E-05	0.00E+00
3168	260360.4	4028919.75	5.28E-04	9.67E-05	7.22E-05	0.00E+00
3169	260328.9	4028932.87	5.39E-04	9.86E-05	7.36E-05	0.00E+00
3170	260297.4	4028945.98	5.49E-04	1.01E-04	7.50E-05	0.00E+00
3171	260266	4028959.1	5.60E-04	1.02E-04	7.65E-05	0.00E+00
3172	260234.5	4028972.21	5.71E-04	1.04E-04	7.80E-05	0.00E+00
3173	261467.4	4027758.42	3.33E-04	6.10E-05	4.55E-05	0.00E+00
3174	261658.4	4027805.11	2.89E-04	5.29E-05	3.95E-05	0.00E+00
3175	261643.9	4027836.2	2.86E-04	5.24E-05	3.91E-05	0.00E+00
3176	261629.3	4027867.3	2.84E-04	5.19E-05	3.88E-05	0.00E+00
3177	261614.7	4027898.4	2.81E-04	5.15E-05	3.84E-05	0.00E+00
3178	261600.2	4027929.5	2.78E-04	5.10E-05	3.81E-05	0.00E+00
3179	261585.6	4027960.6	2.76E-04	5.06E-05	3.77E-05	0.00E+00
3180	261571	4027991.69	2.74E-04	5.01E-05	3.74E-05	0.00E+00
3181	261556.5	4028022.79	2.72E-04	4.99E-05	3.72E-05	0.00E+00
3182	261541.9	4028053.89	2.73E-04	4.99E-05	3.73E-05	0.00E+00
3183	261527.3	4028084.99	2.74E-04	5.01E-05	3.74E-05	0.00E+00
3184	261512.7	4028116.09	2.76E-04	5.06E-05	3.77E-05	0.00E+00
3185	261498.2	4028147.19	2.79E-04	5.11E-05	3.82E-05	0.00E+00
3186	261483.6	4028178.28	2.83E-04	5.18E-05	3.87E-05	0.00E+00
3187	261469	4028209.38	2.88E-04	5.28E-05	3.94E-05	0.00E+00
3188	261454.5	4028240.48	2.94E-04	5.38E-05	4.02E-05	0.00E+00
3189	261439.9	4028271.58	3.00E-04	5.49E-05	4.10E-05	0.00E+00

3190	261425.3	4028302.68	3.07E-04	5.62E-05	4.19E-05	0.00E+00
3191	261410.7	4028333.77	3.14E-04	5.74E-05	4.29E-05	0.00E+00
3192	261396.2	4028364.87	3.20E-04	5.86E-05	4.37E-05	0.00E+00
3193	261381.6	4028395.97	3.27E-04	5.98E-05	4.46E-05	0.00E+00
3194	261367	4028427.07	3.32E-04	6.08E-05	4.54E-05	0.00E+00
3195	261352.5	4028458.17	3.37E-04	6.17E-05	4.60E-05	0.00E+00
3196	261337.9	4028489.27	3.40E-04	6.22E-05	4.65E-05	0.00E+00
3197	261323.3	4028520.36	3.42E-04	6.27E-05	4.68E-05	0.00E+00
3198	261308.8	4028551.46	3.44E-04	6.30E-05	4.70E-05	0.00E+00
3199	261294.2	4028582.56	3.43E-04	6.29E-05	4.69E-05	0.00E+00
3200	261279.6	4028613.66	3.42E-04	6.26E-05	4.67E-05	0.00E+00
3201	261265	4028644.76	3.40E-04	6.23E-05	4.65E-05	0.00E+00
3202	261250.5	4028675.85	3.39E-04	6.20E-05	4.63E-05	0.00E+00
3203	261235.9	4028706.95	3.37E-04	6.16E-05	4.60E-05	0.00E+00
3204	261221.3	4028738.05	3.35E-04	6.13E-05	4.58E-05	0.00E+00
3205	261190.9	4028775.75	3.36E-04	6.15E-05	4.59E-05	0.00E+00
3206	261159.2	4028788.96	3.40E-04	6.23E-05	4.65E-05	0.00E+00
3207	261127.5	4028802.17	3.45E-04	6.32E-05	4.72E-05	0.00E+00
3208	261095.8	4028815.38	3.50E-04	6.41E-05	4.78E-05	0.00E+00
3209	261064.1	4028828.59	3.54E-04	6.49E-05	4.84E-05	0.00E+00
3210	261032.4	4028841.8	3.59E-04	6.58E-05	4.91E-05	0.00E+00
3211	261000.7	4028855.01	3.64E-04	6.66E-05	4.97E-05	0.00E+00
3212	260969	4028868.22	3.69E-04	6.75E-05	5.04E-05	0.00E+00
3213	260937.3	4028881.43	3.71E-04	6.79E-05	5.06E-05	0.00E+00
3214	260905.6	4028894.64	3.75E-04	6.86E-05	5.12E-05	0.00E+00
3215	260873.9	4028907.85	3.79E-04	6.93E-05	5.18E-05	0.00E+00
3216	260842.2	4028921.06	3.82E-04	6.99E-05	5.22E-05	0.00E+00
3217	260810.5	4028934.27	3.83E-04	7.01E-05	5.23E-05	0.00E+00
3218	260778.8	4028947.48	3.84E-04	7.02E-05	5.24E-05	0.00E+00
3219	260747.1	4028960.69	3.86E-04	7.06E-05	5.27E-05	0.00E+00
3220	260715.4	4028973.9	3.88E-04	7.10E-05	5.30E-05	0.00E+00
3221	260683.7	4028987.11	3.91E-04	7.16E-05	5.34E-05	0.00E+00
3222	260652	4029000.32	3.96E-04	7.25E-05	5.41E-05	0.00E+00
3223	260620.3	4029013.53	4.03E-04	7.38E-05	5.51E-05	0.00E+00
3224	260588.6	4029026.74	4.10E-04	7.50E-05	5.60E-05	0.00E+00
3225	260556.9	4029039.95	4.18E-04	7.66E-05	5.72E-05	0.00E+00
3226	260525.2	4029053.16	4.26E-04	7.80E-05	5.82E-05	0.00E+00
3227	260493.5	4029066.37	4.35E-04	7.97E-05	5.95E-05	0.00E+00
3228	260461.8	4029079.58	4.43E-04	8.11E-05	6.05E-05	0.00E+00
3229	260430.1	4029092.79	4.50E-04	8.25E-05	6.16E-05	0.00E+00
3230	260398.4	4029106	4.58E-04	8.39E-05	6.26E-05	0.00E+00
3231	260366.7	4029119.21	4.67E-04	8.55E-05	6.38E-05	0.00E+00
3232	260335	4029132.42	4.76E-04	8.71E-05	6.51E-05	0.00E+00
3233	260303.3	4029145.63	4.87E-04	8.91E-05	6.65E-05	0.00E+00
3234	260271.6	4029158.84	4.97E-04	9.11E-05	6.80E-05	0.00E+00
3235	260239.9	4029172.05	5.08E-04	9.29E-05	6.94E-05	0.00E+00
3236	261666.9	4027772.26	2.94E-04	5.38E-05	4.02E-05	0.00E+00

3237	260195.1	4027643.19	1.48E-02	2.70E-03	2.02E-03	0.00E+00
3238	260194.7	4027618.34	1.89E-02	3.46E-03	2.58E-03	0.00E+00
3239	260194.3	4027593.49	2.20E-02	4.03E-03	3.01E-03	0.00E+00
3240	260193.8	4027568.64	2.51E-02	4.59E-03	3.43E-03	0.00E+00
3241	260193.4	4027543.79	2.74E-02	5.02E-03	3.75E-03	0.00E+00
3242	260193	4027518.94	2.90E-02	5.31E-03	3.96E-03	0.00E+00
3243	260192.6	4027494.09	3.02E-02	5.53E-03	4.12E-03	0.00E+00
3244	260192.2	4027469.24	3.12E-02	5.71E-03	4.26E-03	0.00E+00
3245	260191.8	4027444.39	3.22E-02	5.90E-03	4.41E-03	0.00E+00
3246	260191.3	4027419.55	3.28E-02	6.01E-03	4.49E-03	0.00E+00
3247	260190.9	4027394.7	3.35E-02	6.13E-03	4.57E-03	0.00E+00
3248	260190.5	4027369.85	3.45E-02	6.32E-03	4.71E-03	0.00E+00
3249	260190.1	4027345	3.47E-02	6.35E-03	4.74E-03	0.00E+00
3250	260189.7	4027320.15	3.46E-02	6.33E-03	4.73E-03	0.00E+00
3251	260189.2	4027295.3	3.48E-02	6.38E-03	4.76E-03	0.00E+00
3252	260188.8	4027270.45	3.48E-02	6.37E-03	4.76E-03	0.00E+00
3253	260188.4	4027245.6	3.49E-02	6.39E-03	4.77E-03	0.00E+00
3254	260188	4027220.75	3.51E-02	6.43E-03	4.80E-03	0.00E+00
3255	260187.6	4027195.9	3.53E-02	6.47E-03	4.83E-03	0.00E+00
3256	260187.2	4027171.05	3.55E-02	6.49E-03	4.85E-03	0.00E+00
3257	260186.7	4027146.2	3.60E-02	6.59E-03	4.92E-03	0.00E+00
3258	260186.3	4027121.35	3.68E-02	6.74E-03	5.03E-03	0.00E+00
3259	260185.9	4027096.5	3.70E-02	6.77E-03	5.05E-03	0.00E+00
3260	260185.5	4027071.65	3.69E-02	6.75E-03	5.04E-03	0.00E+00
3261	260185.1	4027046.81	3.61E-02	6.61E-03	4.94E-03	0.00E+00
3262	260184.6	4027021.96	3.51E-02	6.42E-03	4.79E-03	0.00E+00
3263	260184.2	4026997.11	3.54E-02	6.48E-03	4.84E-03	0.00E+00
3264	260183.8	4026972.26	3.56E-02	6.52E-03	4.87E-03	0.00E+00
3265	260183.4	4026947.41	3.48E-02	6.37E-03	4.76E-03	0.00E+00
3266	260183	4026922.56	3.35E-02	6.13E-03	4.58E-03	0.00E+00
3267	260220.1	4027642.77	8.65E-03	1.58E-03	1.18E-03	0.00E+00
3268	260219.7	4027617.92	1.10E-02	2.02E-03	1.51E-03	0.00E+00
3269	260219.3	4027593.07	1.32E-02	2.43E-03	1.81E-03	0.00E+00
3270	260218.8	4027568.22	1.57E-02	2.87E-03	2.14E-03	0.00E+00
3271	260218.4	4027543.37	1.73E-02	3.17E-03	2.37E-03	0.00E+00
3272	260218	4027518.52	1.87E-02	3.42E-03	2.55E-03	0.00E+00
3273	260217.6	4027493.67	1.99E-02	3.65E-03	2.72E-03	0.00E+00
3274	260217.2	4027468.82	2.09E-02	3.83E-03	2.86E-03	0.00E+00
3275	260216.8	4027443.97	2.18E-02	3.99E-03	2.98E-03	0.00E+00
3276	260216.3	4027419.12	2.25E-02	4.11E-03	3.07E-03	0.00E+00
3277	260215.9	4027394.28	2.32E-02	4.25E-03	3.17E-03	0.00E+00
3278	260215.5	4027369.43	2.38E-02	4.37E-03	3.26E-03	0.00E+00
3279	260215.1	4027344.58	2.43E-02	4.45E-03	3.33E-03	0.00E+00
3280	260214.7	4027319.73	2.47E-02	4.52E-03	3.37E-03	0.00E+00
3281	260214.2	4027294.88	2.50E-02	4.59E-03	3.42E-03	0.00E+00
3282	260213.8	4027270.03	2.54E-02	4.65E-03	3.47E-03	0.00E+00
3283	260213.4	4027245.18	2.57E-02	4.70E-03	3.51E-03	0.00E+00

3284	260213	4027220.33	2.58E-02	4.72E-03	3.53E-03	0.00E+00
3285	260212.6	4027195.48	2.59E-02	4.75E-03	3.55E-03	0.00E+00
3286	260212.2	4027170.63	2.63E-02	4.82E-03	3.60E-03	0.00E+00
3287	260211.7	4027145.78	2.65E-02	4.85E-03	3.62E-03	0.00E+00
3288	260211.3	4027120.93	2.65E-02	4.85E-03	3.62E-03	0.00E+00
3289	260210.9	4027096.08	2.64E-02	4.84E-03	3.61E-03	0.00E+00
3290	260210.5	4027071.23	2.64E-02	4.82E-03	3.60E-03	0.00E+00
3291	260210.1	4027046.38	2.62E-02	4.79E-03	3.57E-03	0.00E+00
3292	260209.6	4027021.54	2.59E-02	4.74E-03	3.54E-03	0.00E+00
3293	260209.2	4026996.69	2.58E-02	4.72E-03	3.52E-03	0.00E+00
3294	260208.8	4026971.84	2.58E-02	4.72E-03	3.52E-03	0.00E+00
3295	260208.4	4026946.99	2.54E-02	4.64E-03	3.47E-03	0.00E+00
3296	260208	4026922.14	2.48E-02	4.53E-03	3.38E-03	0.00E+00
3297	260245.1	4027642.35	6.17E-03	1.13E-03	8.44E-04	0.00E+00
3298	260244.7	4027617.5	7.69E-03	1.41E-03	1.05E-03	0.00E+00
3299	260244.3	4027592.65	9.12E-03	1.67E-03	1.25E-03	0.00E+00
3300	260243.8	4027567.8	1.07E-02	1.96E-03	1.46E-03	0.00E+00
3301	260243.4	4027542.95	1.20E-02	2.20E-03	1.64E-03	0.00E+00
3302	260243	4027518.1	1.32E-02	2.42E-03	1.81E-03	0.00E+00
3303	260242.6	4027493.25	1.43E-02	2.62E-03	1.96E-03	0.00E+00
3304	260242.2	4027468.4	1.52E-02	2.78E-03	2.08E-03	0.00E+00
3305	260241.7	4027443.55	1.61E-02	2.94E-03	2.19E-03	0.00E+00
3306	260241.3	4027418.7	1.68E-02	3.07E-03	2.29E-03	0.00E+00
3307	260240.9	4027393.85	1.74E-02	3.18E-03	2.38E-03	0.00E+00
3308	260240.5	4027369.01	1.79E-02	3.28E-03	2.45E-03	0.00E+00
3309	260240.1	4027344.16	1.84E-02	3.37E-03	2.52E-03	0.00E+00
3310	260239.7	4027319.31	1.89E-02	3.45E-03	2.58E-03	0.00E+00
3311	260239.2	4027294.46	1.92E-02	3.52E-03	2.63E-03	0.00E+00
3312	260238.8	4027269.61	1.96E-02	3.58E-03	2.67E-03	0.00E+00
3313	260238.4	4027244.76	1.98E-02	3.63E-03	2.71E-03	0.00E+00
3314	260238	4027219.91	2.01E-02	3.68E-03	2.75E-03	0.00E+00
3315	260237.6	4027195.06	2.03E-02	3.72E-03	2.78E-03	0.00E+00
3316	260237.1	4027170.21	2.04E-02	3.74E-03	2.79E-03	0.00E+00
3317	260236.7	4027145.36	2.06E-02	3.77E-03	2.81E-03	0.00E+00
3318	260236.3	4027120.51	2.06E-02	3.78E-03	2.82E-03	0.00E+00
3319	260235.9	4027095.66	2.06E-02	3.77E-03	2.81E-03	0.00E+00
3320	260235.5	4027070.81	2.06E-02	3.77E-03	2.82E-03	0.00E+00
3321	260235.1	4027045.96	2.06E-02	3.77E-03	2.81E-03	0.00E+00
3322	260234.6	4027021.11	2.05E-02	3.76E-03	2.80E-03	0.00E+00
3323	260234.2	4026996.26	2.05E-02	3.75E-03	2.80E-03	0.00E+00
3324	260233.8	4026971.42	2.04E-02	3.73E-03	2.78E-03	0.00E+00
3325	260233.4	4026946.57	2.01E-02	3.69E-03	2.75E-03	0.00E+00
3326	260233	4026921.72	1.98E-02	3.62E-03	2.70E-03	0.00E+00
3327	260232.5	4026896.87	1.92E-02	3.52E-03	2.63E-03	0.00E+00
3328	260270.1	4027641.93	4.86E-03	8.90E-04	6.64E-04	0.00E+00
3329	260269.7	4027617.08	5.75E-03	1.05E-03	7.85E-04	0.00E+00
3330	260269.3	4027592.23	6.74E-03	1.23E-03	9.21E-04	0.00E+00

3331	260268.8	4027567.38	7.82E-03	1.43E-03	1.07E-03	0.00E+00
3332	260268.4	4027542.53	8.87E-03	1.62E-03	1.21E-03	0.00E+00
3333	260268	4027517.68	9.86E-03	1.81E-03	1.35E-03	0.00E+00
3334	260267.6	4027492.83	1.08E-02	1.97E-03	1.47E-03	0.00E+00
3335	260267.2	4027467.98	1.16E-02	2.12E-03	1.58E-03	0.00E+00
3336	260266.7	4027443.13	1.23E-02	2.26E-03	1.69E-03	0.00E+00
3337	260266.3	4027418.28	1.30E-02	2.38E-03	1.77E-03	0.00E+00
3338	260265.9	4027393.43	1.36E-02	2.49E-03	1.86E-03	0.00E+00
3339	260265.5	4027368.58	1.41E-02	2.58E-03	1.93E-03	0.00E+00
3340	260265.1	4027343.73	1.46E-02	2.67E-03	1.99E-03	0.00E+00
3341	260264.7	4027318.89	1.50E-02	2.75E-03	2.05E-03	0.00E+00
3342	260264.2	4027294.04	1.54E-02	2.81E-03	2.10E-03	0.00E+00
3343	260263.8	4027269.19	1.57E-02	2.88E-03	2.15E-03	0.00E+00
3344	260263.4	4027244.34	1.60E-02	2.93E-03	2.19E-03	0.00E+00
3345	260263	4027219.49	1.62E-02	2.96E-03	2.21E-03	0.00E+00
3346	260262.6	4027194.64	1.64E-02	3.00E-03	2.24E-03	0.00E+00
3347	260262.1	4027169.79	1.66E-02	3.03E-03	2.26E-03	0.00E+00
3348	260261.7	4027144.94	1.68E-02	3.07E-03	2.29E-03	0.00E+00
3349	260261.3	4027120.09	1.69E-02	3.09E-03	2.31E-03	0.00E+00
3350	260260.9	4027095.24	1.70E-02	3.11E-03	2.32E-03	0.00E+00
3351	260260.5	4027070.39	1.70E-02	3.11E-03	2.32E-03	0.00E+00
3352	260320.1	4027641.09	3.40E-03	6.23E-04	4.65E-04	0.00E+00
3353	260319.7	4027616.24	3.81E-03	6.97E-04	5.20E-04	0.00E+00
3354	260319.2	4027591.39	4.29E-03	7.85E-04	5.86E-04	0.00E+00
3355	260318.8	4027566.54	4.84E-03	8.87E-04	6.62E-04	0.00E+00
3356	260318.4	4027541.69	5.45E-03	9.98E-04	7.45E-04	0.00E+00
3357	260318	4027516.84	6.07E-03	1.11E-03	8.30E-04	0.00E+00
3358	260317.6	4027491.99	6.70E-03	1.23E-03	9.16E-04	0.00E+00
3359	260317.2	4027467.14	7.30E-03	1.34E-03	9.98E-04	0.00E+00
3360	260316.7	4027442.29	7.88E-03	1.44E-03	1.08E-03	0.00E+00
3361	260316.3	4027417.44	8.41E-03	1.54E-03	1.15E-03	0.00E+00
3362	260315.9	4027392.59	8.91E-03	1.63E-03	1.22E-03	0.00E+00
3363	260315.5	4027367.74	9.37E-03	1.72E-03	1.28E-03	0.00E+00
3364	260315.1	4027342.89	9.79E-03	1.79E-03	1.34E-03	0.00E+00
3365	260314.6	4027318.04	1.02E-02	1.86E-03	1.39E-03	0.00E+00
3366	260314.2	4027293.19	1.05E-02	1.93E-03	1.44E-03	0.00E+00
3367	260313.8	4027268.35	1.08E-02	1.99E-03	1.48E-03	0.00E+00
3368	260313.4	4027243.5	1.11E-02	2.04E-03	1.52E-03	0.00E+00
3369	260313	4027218.65	1.14E-02	2.09E-03	1.56E-03	0.00E+00
3370	260312.6	4027193.8	1.16E-02	2.13E-03	1.59E-03	0.00E+00
3371	260312.1	4027168.95	1.18E-02	2.16E-03	1.61E-03	0.00E+00
3372	260311.7	4027144.1	1.20E-02	2.20E-03	1.64E-03	0.00E+00
3373	260311.3	4027119.25	1.22E-02	2.23E-03	1.66E-03	0.00E+00
3374	260310.9	4027094.4	1.23E-02	2.25E-03	1.68E-03	0.00E+00
3375	260310.5	4027069.55	1.23E-02	2.26E-03	1.69E-03	0.00E+00
3376	260310	4027044.7	1.24E-02	2.27E-03	1.69E-03	0.00E+00
3377	260309.6	4027019.85	1.24E-02	2.27E-03	1.70E-03	0.00E+00

3378	260309.2	4026995	1.25E-02	2.29E-03	1.71E-03	0.00E+00
3379	260308.8	4026970.15	1.25E-02	2.29E-03	1.71E-03	0.00E+00
3380	260308.4	4026945.3	1.24E-02	2.28E-03	1.70E-03	0.00E+00
3381	260308	4026920.45	1.23E-02	2.26E-03	1.69E-03	0.00E+00
3382	260307.5	4026895.6	1.22E-02	2.23E-03	1.67E-03	0.00E+00
3383	260370.1	4027640.24	2.61E-03	4.77E-04	3.56E-04	0.00E+00
3384	260369.7	4027615.39	2.84E-03	5.20E-04	3.88E-04	0.00E+00
3385	260369.2	4027590.55	3.11E-03	5.70E-04	4.26E-04	0.00E+00
3386	260368.8	4027565.7	3.43E-03	6.28E-04	4.69E-04	0.00E+00
3387	260368.4	4027540.85	3.78E-03	6.92E-04	5.16E-04	0.00E+00
3388	260368	4027516	4.16E-03	7.61E-04	5.68E-04	0.00E+00
3389	260367.6	4027491.15	4.56E-03	8.36E-04	6.24E-04	0.00E+00
3390	260367.1	4027466.3	4.98E-03	9.12E-04	6.81E-04	0.00E+00
3391	260366.7	4027441.45	5.40E-03	9.88E-04	7.38E-04	0.00E+00
3392	260366.3	4027416.6	5.81E-03	1.06E-03	7.93E-04	0.00E+00
3393	260365.9	4027391.75	6.20E-03	1.14E-03	8.47E-04	0.00E+00
3394	260365.5	4027366.9	6.58E-03	1.20E-03	8.99E-04	0.00E+00
3395	260365.1	4027342.05	6.93E-03	1.27E-03	9.47E-04	0.00E+00
3396	260364.6	4027317.2	7.26E-03	1.33E-03	9.92E-04	0.00E+00
3397	260364.2	4027292.35	7.58E-03	1.39E-03	1.04E-03	0.00E+00
3398	260363.8	4027267.5	7.87E-03	1.44E-03	1.08E-03	0.00E+00
3399	260363.4	4027242.65	8.14E-03	1.49E-03	1.11E-03	0.00E+00
3400	260363	4027217.8	8.39E-03	1.54E-03	1.15E-03	0.00E+00
3401	260362.5	4027192.96	8.62E-03	1.58E-03	1.18E-03	0.00E+00
3402	260362.1	4027168.11	8.82E-03	1.62E-03	1.21E-03	0.00E+00
3403	260361.7	4027143.26	9.00E-03	1.65E-03	1.23E-03	0.00E+00
3404	260361.3	4027118.41	9.16E-03	1.68E-03	1.25E-03	0.00E+00
3405	260360.9	4027093.56	9.30E-03	1.70E-03	1.27E-03	0.00E+00
3406	260360.5	4027068.71	9.41E-03	1.72E-03	1.29E-03	0.00E+00
3407	260420.1	4027639.4	2.11E-03	3.85E-04	2.88E-04	0.00E+00
3408	260419.7	4027614.55	2.25E-03	4.12E-04	3.08E-04	0.00E+00
3409	260419.2	4027589.7	2.42E-03	4.44E-04	3.31E-04	0.00E+00
3410	260418.8	4027564.85	2.62E-03	4.80E-04	3.58E-04	0.00E+00
3411	260418.4	4027540	2.84E-03	5.20E-04	3.88E-04	0.00E+00
3412	260418	4027515.16	3.08E-03	5.64E-04	4.21E-04	0.00E+00
3413	260417.6	4027490.31	3.34E-03	6.12E-04	4.57E-04	0.00E+00
3414	260417.1	4027465.46	3.62E-03	6.63E-04	4.95E-04	0.00E+00
3415	260416.7	4027440.61	3.91E-03	7.16E-04	5.35E-04	0.00E+00
3416	260416.3	4027415.76	4.21E-03	7.70E-04	5.75E-04	0.00E+00
3417	260415.9	4027390.91	4.50E-03	8.25E-04	6.16E-04	0.00E+00
3418	260415.5	4027366.06	4.80E-03	8.79E-04	6.56E-04	0.00E+00
3419	260415.1	4027341.21	5.09E-03	9.31E-04	6.95E-04	0.00E+00
3420	260414.6	4027316.36	5.36E-03	9.82E-04	7.33E-04	0.00E+00
3421	260414.2	4027291.51	5.63E-03	1.03E-03	7.70E-04	0.00E+00
3422	260413.8	4027266.66	5.89E-03	1.08E-03	8.05E-04	0.00E+00
3423	260413.4	4027241.81	6.13E-03	1.12E-03	8.38E-04	0.00E+00
3424	260413	4027216.96	6.36E-03	1.17E-03	8.70E-04	0.00E+00

3425	260412.5	4027192.11	6.57E-03	1.20E-03	8.99E-04	0.00E+00
3426	260412.1	4027167.26	6.76E-03	1.24E-03	9.24E-04	0.00E+00
3427	260411.7	4027142.41	6.92E-03	1.27E-03	9.46E-04	0.00E+00
3428	260411.3	4027117.57	7.08E-03	1.30E-03	9.68E-04	0.00E+00
3429	260410.9	4027092.72	7.23E-03	1.32E-03	9.88E-04	0.00E+00
3430	260410.4	4027067.87	7.38E-03	1.35E-03	1.01E-03	0.00E+00
3431	260410	4027043.02	7.50E-03	1.37E-03	1.02E-03	0.00E+00
3432	260409.6	4027018.17	7.60E-03	1.39E-03	1.04E-03	0.00E+00
3433	260409.2	4026993.32	7.68E-03	1.41E-03	1.05E-03	0.00E+00
3434	260408.8	4026968.47	7.73E-03	1.42E-03	1.06E-03	0.00E+00
3435	260408.4	4026943.62	7.78E-03	1.42E-03	1.06E-03	0.00E+00
3436	260407.9	4026918.77	7.81E-03	1.43E-03	1.07E-03	0.00E+00
3437	260407.5	4026893.92	7.81E-03	1.43E-03	1.07E-03	0.00E+00
3438	260470.5	4027663.41	1.67E-03	3.05E-04	2.28E-04	0.00E+00
3439	260470.1	4027638.56	1.76E-03	3.21E-04	2.40E-04	0.00E+00
3440	260469.6	4027613.71	1.85E-03	3.39E-04	2.53E-04	0.00E+00
3441	260469.2	4027588.86	1.97E-03	3.60E-04	2.69E-04	0.00E+00
3442	260468.8	4027564.01	2.10E-03	3.84E-04	2.87E-04	0.00E+00
3443	260468.4	4027539.16	2.24E-03	4.11E-04	3.07E-04	0.00E+00
3444	260468	4027514.31	2.41E-03	4.41E-04	3.29E-04	0.00E+00
3445	260467.6	4027489.46	2.58E-03	4.73E-04	3.53E-04	0.00E+00
3446	260467.1	4027464.61	2.77E-03	5.07E-04	3.79E-04	0.00E+00
3447	260466.7	4027439.77	2.97E-03	5.44E-04	4.06E-04	0.00E+00
3448	260466.3	4027414.92	3.17E-03	5.81E-04	4.34E-04	0.00E+00
3449	260465.9	4027390.07	3.40E-03	6.22E-04	4.64E-04	0.00E+00
3450	260465.5	4027365.22	3.63E-03	6.64E-04	4.96E-04	0.00E+00
3451	260465	4027340.37	3.85E-03	7.06E-04	5.27E-04	0.00E+00
3452	260464.6	4027315.52	4.08E-03	7.47E-04	5.58E-04	0.00E+00
3453	260464.2	4027290.67	4.30E-03	7.88E-04	5.88E-04	0.00E+00
3454	260463.8	4027265.82	4.52E-03	8.28E-04	6.18E-04	0.00E+00
3455	260463.4	4027240.97	4.73E-03	8.66E-04	6.47E-04	0.00E+00
3456	260463	4027216.12	4.93E-03	9.02E-04	6.74E-04	0.00E+00
3457	260462.5	4027191.27	5.10E-03	9.34E-04	6.97E-04	0.00E+00
3458	260462.1	4027166.42	5.25E-03	9.62E-04	7.18E-04	0.00E+00
3459	260461.7	4027141.57	5.44E-03	9.96E-04	7.43E-04	0.00E+00
3460	260461.3	4027116.72	5.61E-03	1.03E-03	7.66E-04	0.00E+00
3461	260460.9	4027091.87	5.76E-03	1.05E-03	7.87E-04	0.00E+00
3462	260460.4	4027067.03	5.90E-03	1.08E-03	8.06E-04	0.00E+00
3463	260570.5	4027661.73	1.25E-03	2.29E-04	1.71E-04	0.00E+00
3464	260570	4027636.88	1.30E-03	2.37E-04	1.77E-04	0.00E+00
3465	260569.6	4027612.03	1.35E-03	2.47E-04	1.84E-04	0.00E+00
3466	260569.2	4027587.18	1.40E-03	2.57E-04	1.92E-04	0.00E+00
3467	260568.8	4027562.33	1.47E-03	2.69E-04	2.01E-04	0.00E+00
3468	260568.4	4027537.48	1.54E-03	2.83E-04	2.11E-04	0.00E+00
3469	260568	4027512.63	1.63E-03	2.98E-04	2.22E-04	0.00E+00
3470	260567.5	4027487.78	1.72E-03	3.15E-04	2.35E-04	0.00E+00
3471	260567.1	4027462.93	1.82E-03	3.33E-04	2.48E-04	0.00E+00

3472	260566.7	4027438.08	1.92E-03	3.52E-04	2.63E-04	0.00E+00
3473	260566.3	4027413.23	2.04E-03	3.73E-04	2.78E-04	0.00E+00
3474	260565.9	4027388.38	2.16E-03	3.95E-04	2.95E-04	0.00E+00
3475	260565.4	4027363.53	2.28E-03	4.18E-04	3.12E-04	0.00E+00
3476	260565	4027338.68	2.41E-03	4.42E-04	3.30E-04	0.00E+00
3477	260564.6	4027313.84	2.55E-03	4.67E-04	3.48E-04	0.00E+00
3478	260564.2	4027288.99	2.69E-03	4.93E-04	3.68E-04	0.00E+00
3479	260563.8	4027264.14	2.84E-03	5.20E-04	3.88E-04	0.00E+00
3480	260563.4	4027239.29	2.99E-03	5.47E-04	4.08E-04	0.00E+00
3481	260562.9	4027214.44	3.13E-03	5.73E-04	4.27E-04	0.00E+00
3482	260562.5	4027189.59	3.26E-03	5.98E-04	4.46E-04	0.00E+00
3483	260562.1	4027164.74	3.39E-03	6.20E-04	4.63E-04	0.00E+00
3484	260561.7	4027139.89	3.50E-03	6.41E-04	4.79E-04	0.00E+00
3485	260561.3	4027115.04	3.63E-03	6.65E-04	4.97E-04	0.00E+00
3486	260560.8	4027090.19	3.79E-03	6.94E-04	5.18E-04	0.00E+00
3487	260560.4	4027065.34	3.92E-03	7.17E-04	5.35E-04	0.00E+00
3488	260560	4027040.49	4.03E-03	7.38E-04	5.51E-04	0.00E+00
3489	260559.6	4027015.64	4.12E-03	7.55E-04	5.63E-04	0.00E+00
3490	260559.2	4026990.79	4.22E-03	7.73E-04	5.77E-04	0.00E+00
3491	260558.8	4026965.94	4.32E-03	7.91E-04	5.91E-04	0.00E+00
3492	260558.3	4026941.09	4.37E-03	8.00E-04	5.97E-04	0.00E+00
3493	260557.9	4026916.25	4.40E-03	8.06E-04	6.02E-04	0.00E+00
3494	260557.5	4026891.4	4.47E-03	8.19E-04	6.11E-04	0.00E+00
3495	260670.5	4027660.04	9.80E-04	1.79E-04	1.34E-04	0.00E+00
3496	260670	4027635.19	1.01E-03	1.84E-04	1.37E-04	0.00E+00
3497	260669.6	4027610.34	1.04E-03	1.90E-04	1.42E-04	0.00E+00
3498	260669.2	4027585.49	1.08E-03	1.97E-04	1.47E-04	0.00E+00
3499	260668.8	4027560.65	1.11E-03	2.03E-04	1.52E-04	0.00E+00
3500	260668.4	4027535.8	1.15E-03	2.11E-04	1.57E-04	0.00E+00
3501	260667.9	4027510.95	1.20E-03	2.20E-04	1.65E-04	0.00E+00
3502	260667.5	4027486.1	1.26E-03	2.31E-04	1.72E-04	0.00E+00
3503	260667.1	4027461.25	1.32E-03	2.42E-04	1.80E-04	0.00E+00
3504	260666.7	4027436.4	1.38E-03	2.53E-04	1.89E-04	0.00E+00
3505	260666.3	4027411.55	1.45E-03	2.66E-04	1.99E-04	0.00E+00
3506	260665.9	4027386.7	1.53E-03	2.79E-04	2.09E-04	0.00E+00
3507	260665.4	4027361.85	1.60E-03	2.93E-04	2.19E-04	0.00E+00
3508	260665	4027337	1.67E-03	3.06E-04	2.29E-04	0.00E+00
3509	260664.6	4027312.15	1.75E-03	3.21E-04	2.39E-04	0.00E+00
3510	260664.2	4027287.3	1.84E-03	3.37E-04	2.51E-04	0.00E+00
3511	260663.8	4027262.45	1.93E-03	3.54E-04	2.64E-04	0.00E+00
3512	260663.3	4027237.6	2.03E-03	3.71E-04	2.77E-04	0.00E+00
3513	260662.9	4027212.75	2.11E-03	3.87E-04	2.89E-04	0.00E+00
3514	260662.5	4027187.9	2.21E-03	4.04E-04	3.02E-04	0.00E+00
3515	260662.1	4027163.06	2.31E-03	4.22E-04	3.15E-04	0.00E+00
3516	260661.7	4027138.21	2.41E-03	4.41E-04	3.29E-04	0.00E+00
3517	260661.2	4027113.36	2.50E-03	4.58E-04	3.42E-04	0.00E+00
3518	260660.8	4027088.51	2.61E-03	4.78E-04	3.56E-04	0.00E+00

3519	260660.4	4027063.66	2.71E-03	4.96E-04	3.70E-04	0.00E+00
3520	260770	4027675.57	7.90E-04	1.45E-04	1.08E-04	0.00E+00
3521	260770	4027633.51	8.21E-04	1.50E-04	1.12E-04	0.00E+00
3522	260769.6	4027608.66	8.41E-04	1.54E-04	1.15E-04	0.00E+00
3523	260769.2	4027583.81	8.63E-04	1.58E-04	1.18E-04	0.00E+00
3524	260768.8	4027558.96	8.88E-04	1.63E-04	1.21E-04	0.00E+00
3525	260768.3	4027534.11	9.16E-04	1.68E-04	1.25E-04	0.00E+00
3526	260767.9	4027509.26	9.48E-04	1.74E-04	1.30E-04	0.00E+00
3527	260767.5	4027484.41	9.86E-04	1.81E-04	1.35E-04	0.00E+00
3528	260767.1	4027459.56	1.03E-03	1.88E-04	1.40E-04	0.00E+00
3529	260766.7	4027434.72	1.07E-03	1.96E-04	1.46E-04	0.00E+00
3530	260766.3	4027409.87	1.12E-03	2.04E-04	1.53E-04	0.00E+00
3531	260765.8	4027385.02	1.16E-03	2.13E-04	1.59E-04	0.00E+00
3532	260765.4	4027360.17	1.21E-03	2.22E-04	1.66E-04	0.00E+00
3533	260765	4027335.32	1.27E-03	2.32E-04	1.73E-04	0.00E+00
3534	260764.6	4027310.47	1.32E-03	2.42E-04	1.81E-04	0.00E+00
3535	260764.2	4027285.62	1.37E-03	2.52E-04	1.88E-04	0.00E+00
3536	260763.7	4027260.77	1.43E-03	2.61E-04	1.95E-04	0.00E+00
3537	260763.3	4027235.92	1.49E-03	2.73E-04	2.04E-04	0.00E+00
3538	260762.9	4027211.07	1.55E-03	2.84E-04	2.12E-04	0.00E+00
3539	260762.5	4027186.22	1.62E-03	2.96E-04	2.21E-04	0.00E+00
3540	260762.1	4027161.37	1.68E-03	3.08E-04	2.30E-04	0.00E+00
3541	260761.7	4027136.52	1.75E-03	3.20E-04	2.39E-04	0.00E+00
3542	260761.2	4027111.67	1.82E-03	3.33E-04	2.48E-04	0.00E+00
3543	260760.8	4027086.82	1.91E-03	3.50E-04	2.61E-04	0.00E+00
3544	260760.4	4027061.97	2.00E-03	3.66E-04	2.73E-04	0.00E+00
3545	260760	4027037.13	2.07E-03	3.79E-04	2.83E-04	0.00E+00
3546	260759.6	4027012.28	2.14E-03	3.91E-04	2.92E-04	0.00E+00
3547	260759.1	4026987.43	2.21E-03	4.04E-04	3.02E-04	0.00E+00
3548	260758.7	4026962.58	2.28E-03	4.18E-04	3.12E-04	0.00E+00
3549	260758.3	4026937.73	2.35E-03	4.31E-04	3.21E-04	0.00E+00
3550	260757.9	4026912.88	2.42E-03	4.42E-04	3.30E-04	0.00E+00
3551	260757.5	4026888.03	2.48E-03	4.53E-04	3.38E-04	0.00E+00
3552	260869.9	4027676.75	6.62E-04	1.21E-04	9.05E-05	0.00E+00
3553	260870	4027631.83	6.87E-04	1.26E-04	9.40E-05	0.00E+00
3554	260869.6	4027606.98	7.03E-04	1.29E-04	9.61E-05	0.00E+00
3555	260869.2	4027582.13	7.20E-04	1.32E-04	9.84E-05	0.00E+00
3556	260868.8	4027557.28	7.39E-04	1.35E-04	1.01E-04	0.00E+00
3557	260868.3	4027532.43	7.60E-04	1.39E-04	1.04E-04	0.00E+00
3558	260867.9	4027507.58	7.84E-04	1.43E-04	1.07E-04	0.00E+00
3559	260867.5	4027482.73	8.10E-04	1.48E-04	1.11E-04	0.00E+00
3560	260867.1	4027457.88	8.39E-04	1.54E-04	1.15E-04	0.00E+00
3561	260866.7	4027433.03	8.70E-04	1.59E-04	1.19E-04	0.00E+00
3562	260866.2	4027408.18	9.03E-04	1.65E-04	1.23E-04	0.00E+00
3563	260865.8	4027383.33	9.32E-04	1.71E-04	1.27E-04	0.00E+00
3564	260865.4	4027358.48	9.63E-04	1.76E-04	1.32E-04	0.00E+00
3565	260865	4027333.63	9.97E-04	1.83E-04	1.36E-04	0.00E+00

3566	260864.6	4027308.78	1.04E-03	1.90E-04	1.42E-04	0.00E+00
3567	260864.1	4027283.94	1.08E-03	1.97E-04	1.47E-04	0.00E+00
3568	260863.7	4027259.09	1.11E-03	2.04E-04	1.52E-04	0.00E+00
3569	260863.3	4027234.24	1.15E-03	2.11E-04	1.58E-04	0.00E+00
3570	260862.9	4027209.39	1.20E-03	2.20E-04	1.64E-04	0.00E+00
3571	260862.5	4027184.54	1.25E-03	2.30E-04	1.71E-04	0.00E+00
3572	260862.1	4027159.69	1.30E-03	2.38E-04	1.78E-04	0.00E+00
3573	260861.6	4027134.84	1.35E-03	2.47E-04	1.84E-04	0.00E+00
3574	260861.2	4027109.99	1.40E-03	2.56E-04	1.91E-04	0.00E+00
3575	260860.8	4027085.14	1.46E-03	2.67E-04	1.99E-04	0.00E+00
3576	260860.4	4027060.29	1.51E-03	2.77E-04	2.07E-04	0.00E+00
3577	261069.9	4027672.67	5.02E-04	9.20E-05	6.86E-05	0.00E+00
3578	261070	4027628.46	5.20E-04	9.53E-05	7.11E-05	0.00E+00
3579	261069.6	4027603.61	5.30E-04	9.71E-05	7.25E-05	0.00E+00
3580	261069.1	4027578.76	5.41E-04	9.91E-05	7.40E-05	0.00E+00
3581	261068.7	4027553.91	5.53E-04	1.01E-04	7.56E-05	0.00E+00
3582	261068.3	4027529.06	5.64E-04	1.03E-04	7.71E-05	0.00E+00
3583	261067.9	4027504.21	5.80E-04	1.06E-04	7.92E-05	0.00E+00
3584	261067.5	4027479.36	5.96E-04	1.09E-04	8.15E-05	0.00E+00
3585	261067.1	4027454.51	6.14E-04	1.12E-04	8.39E-05	0.00E+00
3586	261066.6	4027429.66	6.33E-04	1.16E-04	8.65E-05	0.00E+00
3587	261066.2	4027404.82	6.52E-04	1.19E-04	8.92E-05	0.00E+00
3588	261065.8	4027379.97	6.73E-04	1.23E-04	9.19E-05	0.00E+00
3589	261065.4	4027355.12	6.90E-04	1.26E-04	9.44E-05	0.00E+00
3590	261065	4027330.27	7.14E-04	1.31E-04	9.75E-05	0.00E+00
3591	261064.5	4027305.42	7.37E-04	1.35E-04	1.01E-04	0.00E+00
3592	261064.1	4027280.57	7.57E-04	1.39E-04	1.03E-04	0.00E+00
3593	261063.7	4027255.72	7.78E-04	1.43E-04	1.06E-04	0.00E+00
3594	261063.3	4027230.87	8.04E-04	1.47E-04	1.10E-04	0.00E+00
3595	261062.9	4027206.02	8.31E-04	1.52E-04	1.14E-04	0.00E+00
3596	261062.4	4027181.17	8.55E-04	1.57E-04	1.17E-04	0.00E+00
3597	261062	4027156.32	8.80E-04	1.61E-04	1.20E-04	0.00E+00
3598	261061.6	4027131.47	9.08E-04	1.66E-04	1.24E-04	0.00E+00
3599	261061.2	4027106.62	9.34E-04	1.71E-04	1.28E-04	0.00E+00
3600	261060.8	4027081.77	9.64E-04	1.76E-04	1.32E-04	0.00E+00
3601	261060.4	4027056.92	9.92E-04	1.82E-04	1.36E-04	0.00E+00
3602	261269.7	4027673.6	4.12E-04	7.55E-05	5.64E-05	0.00E+00
3603	261269.1	4027697.26	4.05E-04	7.41E-05	5.53E-05	0.00E+00
3604	261268.5	4027720.92	3.98E-04	7.28E-05	5.43E-05	0.00E+00
3605	261270.4	4027649.94	4.20E-04	7.70E-05	5.75E-05	0.00E+00
3606	261270	4027625.09	4.29E-04	7.85E-05	5.86E-05	0.00E+00
3607	261269.5	4027600.24	4.38E-04	8.01E-05	5.98E-05	0.00E+00
3608	261269.1	4027575.39	4.46E-04	8.17E-05	6.10E-05	0.00E+00
3609	261268.7	4027550.54	4.53E-04	8.29E-05	6.19E-05	0.00E+00
3610	261268.3	4027525.7	4.57E-04	8.37E-05	6.24E-05	0.00E+00
3611	261267.9	4027500.85	4.61E-04	8.44E-05	6.30E-05	0.00E+00
3612	261267.4	4027476	4.72E-04	8.64E-05	6.45E-05	0.00E+00

3613	261267	4027451.15	4.88E-04	8.93E-05	6.66E-05	0.00E+00
3614	261266.6	4027426.3	5.03E-04	9.22E-05	6.88E-05	0.00E+00
3615	261266.2	4027401.45	5.16E-04	9.44E-05	7.05E-05	0.00E+00
3616	261265.8	4027376.6	5.27E-04	9.64E-05	7.20E-05	0.00E+00
3617	261265.3	4027351.75	5.39E-04	9.87E-05	7.36E-05	0.00E+00
3618	261264.9	4027326.9	5.55E-04	1.02E-04	7.58E-05	0.00E+00
3619	261264.5	4027302.05	5.66E-04	1.04E-04	7.74E-05	0.00E+00
3620	261264.1	4027277.2	5.80E-04	1.06E-04	7.93E-05	0.00E+00
3621	261263.7	4027252.35	5.96E-04	1.09E-04	8.14E-05	0.00E+00
3622	261263.3	4027227.5	6.07E-04	1.11E-04	8.30E-05	0.00E+00
3623	261262.8	4027202.65	6.21E-04	1.14E-04	8.49E-05	0.00E+00
3624	261262.4	4027177.8	6.39E-04	1.17E-04	8.73E-05	0.00E+00
3625	261262	4027152.95	6.56E-04	1.20E-04	8.97E-05	0.00E+00
3626	261261.6	4027128.11	6.73E-04	1.23E-04	9.19E-05	0.00E+00
3627	261261.2	4027103.26	6.90E-04	1.26E-04	9.42E-05	0.00E+00
3628	261260.7	4027078.41	7.07E-04	1.29E-04	9.66E-05	0.00E+00
3629	261260.3	4027053.56	7.24E-04	1.33E-04	9.90E-05	0.00E+00
3630	261469.8	4027668.94	3.55E-04	6.49E-05	4.85E-05	0.00E+00
3631	261468.6	4027713.68	3.44E-04	6.29E-05	4.70E-05	0.00E+00
3632	261470.3	4027646.58	3.60E-04	6.59E-05	4.92E-05	0.00E+00
3633	261469.9	4027621.73	3.65E-04	6.68E-05	4.99E-05	0.00E+00
3634	261469.5	4027596.88	3.76E-04	6.88E-05	5.13E-05	0.00E+00
3635	261469.1	4027572.03	3.84E-04	7.02E-05	5.24E-05	0.00E+00
3636	261468.7	4027547.18	3.90E-04	7.13E-05	5.33E-05	0.00E+00
3637	261468.2	4027522.33	3.96E-04	7.25E-05	5.41E-05	0.00E+00
3638	261467.8	4027497.48	4.03E-04	7.38E-05	5.51E-05	0.00E+00
3639	261467.4	4027472.63	4.10E-04	7.50E-05	5.60E-05	0.00E+00
3640	261467	4027447.78	4.16E-04	7.62E-05	5.69E-05	0.00E+00
3641	261466.6	4027422.93	4.23E-04	7.74E-05	5.78E-05	0.00E+00
3642	261466.2	4027398.08	4.30E-04	7.87E-05	5.87E-05	0.00E+00
3643	261465.7	4027373.23	4.37E-04	8.01E-05	5.98E-05	0.00E+00
3644	261465.3	4027348.38	4.45E-04	8.15E-05	6.09E-05	0.00E+00
3645	261464.9	4027323.53	4.52E-04	8.28E-05	6.18E-05	0.00E+00
3646	261464.5	4027298.68	4.61E-04	8.44E-05	6.30E-05	0.00E+00
3647	261464.1	4027273.83	4.70E-04	8.61E-05	6.43E-05	0.00E+00
3648	261463.6	4027248.99	4.80E-04	8.79E-05	6.56E-05	0.00E+00
3649	261463.2	4027224.14	4.90E-04	8.97E-05	6.69E-05	0.00E+00
3650	261462.8	4027199.29	5.00E-04	9.15E-05	6.83E-05	0.00E+00
3651	261462.4	4027174.44	5.10E-04	9.35E-05	6.98E-05	0.00E+00
3652	261462	4027149.59	5.21E-04	9.53E-05	7.12E-05	0.00E+00
3653	261461.6	4027124.74	5.31E-04	9.72E-05	7.26E-05	0.00E+00
3654	261461.1	4027099.89	5.43E-04	9.95E-05	7.42E-05	0.00E+00
3655	261460.7	4027075.04	5.56E-04	1.02E-04	7.60E-05	0.00E+00
3656	261460.3	4027050.19	5.69E-04	1.04E-04	7.77E-05	0.00E+00
3657	261459.9	4027025.34	5.81E-04	1.06E-04	7.94E-05	0.00E+00
3658	261459.5	4027000.49	5.94E-04	1.09E-04	8.11E-05	0.00E+00
3659	261459	4026975.64	6.07E-04	1.11E-04	8.29E-05	0.00E+00

3660	261458.6	4026950.79	6.19E-04	1.13E-04	8.45E-05	0.00E+00
3661	261458.2	4026925.94	6.31E-04	1.16E-04	8.63E-05	0.00E+00
3662	261457.8	4026901.09	6.44E-04	1.18E-04	8.81E-05	0.00E+00
3663	261457.4	4026876.25	6.56E-04	1.20E-04	8.97E-05	0.00E+00
3664	261669.7	4027664.72	3.18E-04	5.82E-05	4.34E-05	0.00E+00
3665	261668.6	4027707.73	3.08E-04	5.64E-05	4.21E-05	0.00E+00
3666	261669.9	4027618.36	3.28E-04	6.00E-05	4.48E-05	0.00E+00
3667	261669.5	4027593.51	3.34E-04	6.11E-05	4.56E-05	0.00E+00
3668	261669.1	4027568.66	3.39E-04	6.21E-05	4.64E-05	0.00E+00
3669	261668.6	4027543.81	3.44E-04	6.30E-05	4.70E-05	0.00E+00
3670	261668.2	4027518.96	3.49E-04	6.39E-05	4.77E-05	0.00E+00
3671	261667.8	4027494.11	3.53E-04	6.47E-05	4.83E-05	0.00E+00
3672	261667.4	4027469.26	3.58E-04	6.55E-05	4.89E-05	0.00E+00
3673	261667	4027444.41	3.61E-04	6.62E-05	4.94E-05	0.00E+00
3674	261666.5	4027419.56	3.65E-04	6.69E-05	4.99E-05	0.00E+00
3675	261666.1	4027394.71	3.69E-04	6.76E-05	5.05E-05	0.00E+00
3676	261665.7	4027369.87	3.74E-04	6.85E-05	5.11E-05	0.00E+00
3677	261665.3	4027345.02	3.79E-04	6.93E-05	5.18E-05	0.00E+00
3678	261664.9	4027320.17	3.84E-04	7.03E-05	5.25E-05	0.00E+00
3679	261664.5	4027295.32	3.89E-04	7.13E-05	5.32E-05	0.00E+00
3680	261664	4027270.47	3.95E-04	7.24E-05	5.40E-05	0.00E+00
3681	261663.6	4027245.62	4.02E-04	7.36E-05	5.49E-05	0.00E+00
3682	261663.2	4027220.77	4.09E-04	7.49E-05	5.59E-05	0.00E+00
3683	261662.8	4027195.92	4.16E-04	7.62E-05	5.69E-05	0.00E+00
3684	261662.4	4027171.07	4.24E-04	7.77E-05	5.80E-05	0.00E+00
3685	261661.9	4027146.22	4.32E-04	7.91E-05	5.90E-05	0.00E+00
3686	261661.5	4027121.37	4.41E-04	8.07E-05	6.02E-05	0.00E+00
3687	261661.1	4027096.52	4.49E-04	8.22E-05	6.13E-05	0.00E+00
3688	261660.7	4027071.67	4.57E-04	8.37E-05	6.25E-05	0.00E+00
3689	261660.3	4027046.82	4.66E-04	8.54E-05	6.37E-05	0.00E+00
3690	261659.9	4027021.97	4.76E-04	8.71E-05	6.50E-05	0.00E+00
3691	261659.4	4026997.12	4.85E-04	8.88E-05	6.63E-05	0.00E+00
3692	261659	4026972.28	4.94E-04	9.05E-05	6.75E-05	0.00E+00
3693	261658.6	4026947.43	5.04E-04	9.22E-05	6.88E-05	0.00E+00
3694	261658.2	4026922.58	5.14E-04	9.41E-05	7.02E-05	0.00E+00
3695	261657.8	4026897.73	5.23E-04	9.58E-05	7.15E-05	0.00E+00
3696	261657.3	4026872.88	5.33E-04	9.75E-05	7.28E-05	0.00E+00
3697	260288.1	4026826.13	1.23E-02	2.26E-03	1.69E-03	0.00E+00
3698	260294.2	4026848.07	1.24E-02	2.27E-03	1.70E-03	0.00E+00
3699	260300.4	4026870.01	1.24E-02	2.27E-03	1.69E-03	0.00E+00
3700	260348.1	4026861.01	9.86E-03	1.81E-03	1.35E-03	0.00E+00
3701	260374.5	4026775.74	8.21E-03	1.50E-03	1.12E-03	0.00E+00
3702	260380.7	4026797.9	8.22E-03	1.51E-03	1.12E-03	0.00E+00
3703	260386.9	4026820.06	8.19E-03	1.50E-03	1.12E-03	0.00E+00
3704	260393.1	4026842.22	8.11E-03	1.49E-03	1.11E-03	0.00E+00
3705	260399.3	4026864.38	8.01E-03	1.47E-03	1.09E-03	0.00E+00
3706	260420.8	4026761.83	6.99E-03	1.28E-03	9.56E-04	0.00E+00

3707	260504	4026700.14	5.28E-03	9.66E-04	7.21E-04	0.00E+00
3708	260510.3	4026722.64	5.25E-03	9.60E-04	7.17E-04	0.00E+00
3709	260516.6	4026745.14	5.20E-03	9.52E-04	7.11E-04	0.00E+00
3710	260522.9	4026767.64	5.14E-03	9.42E-04	7.03E-04	0.00E+00
3711	260529.2	4026790.14	5.07E-03	9.28E-04	6.92E-04	0.00E+00
3712	260535.5	4026812.64	4.97E-03	9.10E-04	6.79E-04	0.00E+00
3713	260541.8	4026835.14	4.85E-03	8.88E-04	6.63E-04	0.00E+00
3714	260548.1	4026857.65	4.72E-03	8.65E-04	6.46E-04	0.00E+00
3715	260590.4	4026649.71	4.15E-03	7.59E-04	5.67E-04	0.00E+00
3716	260596.6	4026672.21	4.11E-03	7.53E-04	5.62E-04	0.00E+00
3717	260602.9	4026694.71	4.07E-03	7.45E-04	5.56E-04	0.00E+00
3718	260609.2	4026717.21	4.02E-03	7.36E-04	5.49E-04	0.00E+00
3719	260615.5	4026739.71	3.96E-03	7.24E-04	5.41E-04	0.00E+00
3720	260626	4026777.21	3.83E-03	7.01E-04	5.23E-04	0.00E+00
3721	260648	4026855.96	3.48E-03	6.36E-04	4.75E-04	0.00E+00
3722	260676.7	4026599.27	3.36E-03	6.16E-04	4.60E-04	0.00E+00
3723	260683	4026621.77	3.33E-03	6.10E-04	4.55E-04	0.00E+00
3724	260689.3	4026644.27	3.29E-03	6.03E-04	4.50E-04	0.00E+00
3725	260695.6	4026666.77	3.25E-03	5.94E-04	4.44E-04	0.00E+00
3726	260701.9	4026689.27	3.19E-03	5.84E-04	4.36E-04	0.00E+00
3727	260708.2	4026711.78	3.13E-03	5.73E-04	4.28E-04	0.00E+00
3728	260714.5	4026734.28	3.06E-03	5.61E-04	4.18E-04	0.00E+00
3729	260720.8	4026756.78	2.99E-03	5.47E-04	4.08E-04	0.00E+00
3730	260727.1	4026779.28	2.91E-03	5.32E-04	3.97E-04	0.00E+00
3731	260733.3	4026801.78	2.82E-03	5.17E-04	3.86E-04	0.00E+00
3732	260739.6	4026824.28	2.74E-03	5.01E-04	3.74E-04	0.00E+00
3733	260745.9	4026846.78	2.65E-03	4.85E-04	3.62E-04	0.00E+00
3734	260763.1	4026548.84	2.80E-03	5.12E-04	3.82E-04	0.00E+00
3735	260769.3	4026571.34	2.77E-03	5.06E-04	3.78E-04	0.00E+00
3736	260775.6	4026593.84	2.73E-03	4.99E-04	3.73E-04	0.00E+00
3737	260781.9	4026616.34	2.69E-03	4.92E-04	3.67E-04	0.00E+00
3738	260788.2	4026638.84	2.64E-03	4.83E-04	3.61E-04	0.00E+00
3739	260794.5	4026661.34	2.59E-03	4.74E-04	3.54E-04	0.00E+00
3740	260800.8	4026683.84	2.53E-03	4.64E-04	3.46E-04	0.00E+00
3741	260807.1	4026706.34	2.47E-03	4.53E-04	3.38E-04	0.00E+00
3742	260813.4	4026728.84	2.41E-03	4.41E-04	3.29E-04	0.00E+00
3743	260826	4026773.84	2.27E-03	4.16E-04	3.10E-04	0.00E+00
3744	260847	4026848.84	2.03E-03	3.71E-04	2.77E-04	0.00E+00
3745	260935.8	4026447.97	2.04E-03	3.74E-04	2.79E-04	0.00E+00
3746	260942	4026470.47	2.01E-03	3.69E-04	2.75E-04	0.00E+00
3747	260948.3	4026492.97	1.98E-03	3.63E-04	2.71E-04	0.00E+00
3748	260954.6	4026515.47	1.95E-03	3.57E-04	2.66E-04	0.00E+00
3749	260960.9	4026537.97	1.91E-03	3.50E-04	2.61E-04	0.00E+00
3750	260967.2	4026560.47	1.87E-03	3.43E-04	2.56E-04	0.00E+00
3751	260973.5	4026582.97	1.84E-03	3.36E-04	2.51E-04	0.00E+00
3752	260979.8	4026605.47	1.80E-03	3.29E-04	2.46E-04	0.00E+00
3753	260986.1	4026627.97	1.75E-03	3.21E-04	2.40E-04	0.00E+00

3754	260992.4	4026650.47	1.71E-03	3.13E-04	2.34E-04	0.00E+00
3755	260998.7	4026672.97	1.66E-03	3.05E-04	2.27E-04	0.00E+00
3756	261005	4026695.47	1.62E-03	2.96E-04	2.21E-04	0.00E+00
3757	261011.3	4026717.98	1.57E-03	2.87E-04	2.14E-04	0.00E+00
3758	261019.7	4026747.98	1.50E-03	2.74E-04	2.05E-04	0.00E+00
3759	261108.5	4026347.13	1.57E-03	2.87E-04	2.14E-04	0.00E+00
3760	261114.8	4026369.78	1.55E-03	2.83E-04	2.11E-04	0.00E+00
3761	261121.1	4026392.44	1.52E-03	2.79E-04	2.08E-04	0.00E+00
3762	261127.5	4026415.1	1.50E-03	2.75E-04	2.05E-04	0.00E+00
3763	261133.8	4026437.76	1.47E-03	2.70E-04	2.01E-04	0.00E+00
3764	261140.2	4026460.42	1.44E-03	2.65E-04	1.97E-04	0.00E+00
3765	261146.5	4026483.08	1.42E-03	2.59E-04	1.93E-04	0.00E+00
3766	261152.8	4026505.74	1.39E-03	2.54E-04	1.89E-04	0.00E+00
3767	261159.2	4026528.4	1.35E-03	2.48E-04	1.85E-04	0.00E+00
3768	261165.5	4026551.06	1.32E-03	2.42E-04	1.81E-04	0.00E+00
3769	261171.8	4026573.72	1.29E-03	2.37E-04	1.77E-04	0.00E+00
3770	261178.2	4026596.37	1.26E-03	2.31E-04	1.72E-04	0.00E+00
3771	261184.5	4026619.03	1.23E-03	2.24E-04	1.67E-04	0.00E+00
3772	261190.9	4026641.69	1.19E-03	2.18E-04	1.63E-04	0.00E+00
3773	261197.2	4026664.35	1.16E-03	2.12E-04	1.58E-04	0.00E+00
3774	261203.5	4026687.01	1.12E-03	2.06E-04	1.54E-04	0.00E+00
3775	261209.9	4026709.67	1.09E-03	2.00E-04	1.49E-04	0.00E+00
3776	261219.4	4026743.66	1.04E-03	1.90E-04	1.42E-04	0.00E+00
3777	261281.2	4026246.25	1.27E-03	2.32E-04	1.73E-04	0.00E+00
3778	261287.5	4026268.89	1.25E-03	2.29E-04	1.71E-04	0.00E+00
3779	261293.8	4026291.52	1.23E-03	2.25E-04	1.68E-04	0.00E+00
3780	261300.2	4026314.16	1.21E-03	2.21E-04	1.65E-04	0.00E+00
3781	261306.5	4026336.79	1.19E-03	2.17E-04	1.62E-04	0.00E+00
3782	261312.8	4026359.42	1.17E-03	2.13E-04	1.59E-04	0.00E+00
3783	261319.1	4026382.06	1.14E-03	2.09E-04	1.56E-04	0.00E+00
3784	261325.5	4026404.69	1.12E-03	2.05E-04	1.53E-04	0.00E+00
3785	261331.8	4026427.33	1.10E-03	2.01E-04	1.50E-04	0.00E+00
3786	261338.1	4026449.96	1.08E-03	1.97E-04	1.47E-04	0.00E+00
3787	261344.5	4026472.6	1.05E-03	1.92E-04	1.44E-04	0.00E+00
3788	261350.8	4026495.23	1.03E-03	1.88E-04	1.40E-04	0.00E+00
3789	261357.1	4026517.87	1.00E-03	1.84E-04	1.37E-04	0.00E+00
3790	261363.5	4026540.5	9.81E-04	1.80E-04	1.34E-04	0.00E+00
3791	261369.8	4026563.14	9.57E-04	1.75E-04	1.31E-04	0.00E+00
3792	261376.1	4026585.77	9.31E-04	1.70E-04	1.27E-04	0.00E+00
3793	261382.5	4026608.4	9.04E-04	1.65E-04	1.24E-04	0.00E+00
3794	261388.8	4026631.04	8.80E-04	1.61E-04	1.20E-04	0.00E+00
3795	261395.1	4026653.67	8.60E-04	1.58E-04	1.18E-04	0.00E+00
3796	261401.4	4026676.31	8.40E-04	1.54E-04	1.15E-04	0.00E+00
3797	261407.8	4026698.94	8.17E-04	1.50E-04	1.12E-04	0.00E+00
3798	261414.1	4026721.58	7.94E-04	1.45E-04	1.09E-04	0.00E+00
3799	261420.4	4026744.21	7.72E-04	1.41E-04	1.06E-04	0.00E+00
3800	261426.8	4026766.85	7.51E-04	1.37E-04	1.03E-04	0.00E+00

3801	261433.1	4026789.48	7.29E-04	1.33E-04	9.96E-05	0.00E+00
3802	261439.4	4026812.11	7.08E-04	1.30E-04	9.68E-05	0.00E+00
3803	261445.8	4026834.75	6.87E-04	1.26E-04	9.40E-05	0.00E+00
3804	261453.9	4026145.38	1.06E-03	1.94E-04	1.45E-04	0.00E+00
3805	261460.2	4026168	1.04E-03	1.91E-04	1.42E-04	0.00E+00
3806	261466.5	4026190.61	1.03E-03	1.88E-04	1.40E-04	0.00E+00
3807	261472.8	4026213.23	1.01E-03	1.85E-04	1.38E-04	0.00E+00
3808	261479.2	4026235.85	9.91E-04	1.81E-04	1.35E-04	0.00E+00
3809	261485.5	4026258.46	9.72E-04	1.78E-04	1.33E-04	0.00E+00
3810	261491.8	4026281.08	9.55E-04	1.75E-04	1.30E-04	0.00E+00
3811	261498.1	4026303.7	9.38E-04	1.72E-04	1.28E-04	0.00E+00
3812	261504.5	4026326.31	9.21E-04	1.69E-04	1.26E-04	0.00E+00
3813	261510.8	4026348.93	9.03E-04	1.65E-04	1.23E-04	0.00E+00
3814	261517.1	4026371.55	8.85E-04	1.62E-04	1.21E-04	0.00E+00
3815	261523.4	4026394.16	8.68E-04	1.59E-04	1.19E-04	0.00E+00
3816	261529.8	4026416.78	8.50E-04	1.56E-04	1.16E-04	0.00E+00
3817	261536.1	4026439.39	8.31E-04	1.52E-04	1.14E-04	0.00E+00
3818	261542.4	4026462.01	8.13E-04	1.49E-04	1.11E-04	0.00E+00
3819	261548.7	4026484.63	7.97E-04	1.46E-04	1.09E-04	0.00E+00
3820	261555.1	4026507.24	7.81E-04	1.43E-04	1.07E-04	0.00E+00
3821	261561.4	4026529.86	7.65E-04	1.40E-04	1.05E-04	0.00E+00
3822	261567.7	4026552.48	7.48E-04	1.37E-04	1.02E-04	0.00E+00
3823	261574.1	4026575.09	7.31E-04	1.34E-04	1.00E-04	0.00E+00
3824	261580.4	4026597.71	7.15E-04	1.31E-04	9.77E-05	0.00E+00
3825	261586.7	4026620.33	6.98E-04	1.28E-04	9.54E-05	0.00E+00
3826	261593	4026642.94	6.82E-04	1.25E-04	9.32E-05	0.00E+00
3827	261599.4	4026665.56	6.65E-04	1.22E-04	9.09E-05	0.00E+00
3828	261605.7	4026688.18	6.49E-04	1.19E-04	8.87E-05	0.00E+00
3829	261612	4026710.79	6.33E-04	1.16E-04	8.65E-05	0.00E+00
3830	261618.3	4026733.41	6.17E-04	1.13E-04	8.44E-05	0.00E+00
3831	261624.7	4026756.03	6.02E-04	1.10E-04	8.23E-05	0.00E+00
3832	261631	4026778.64	5.87E-04	1.07E-04	8.02E-05	0.00E+00
3833	261637.3	4026801.26	5.73E-04	1.05E-04	7.83E-05	0.00E+00
3834	261643.6	4026823.88	5.60E-04	1.03E-04	7.65E-05	0.00E+00
3835	261650	4026846.49	5.47E-04	1.00E-04	7.48E-05	0.00E+00
3836	260178.2	4026852.86	2.44E-02	4.47E-03	3.34E-03	0.00E+00
3837	260186.1	4026829.14	1.97E-02	3.60E-03	2.69E-03	0.00E+00
3838	260206.7	4026845.81	1.99E-02	3.64E-03	2.71E-03	0.00E+00
3839	260187.2	4026799.87	1.62E-02	2.96E-03	2.21E-03	0.00E+00
3840	260223.5	4026769.1	1.28E-02	2.35E-03	1.75E-03	0.00E+00
3841	260244.1	4026785.76	1.31E-02	2.40E-03	1.79E-03	0.00E+00
3842	260264.6	4026802.43	1.29E-02	2.36E-03	1.76E-03	0.00E+00
3843	260226.1	4026710.93	9.92E-03	1.82E-03	1.36E-03	0.00E+00
3844	260248	4026728.7	1.04E-02	1.90E-03	1.42E-03	0.00E+00
3845	260299.4	4026710.19	8.93E-03	1.64E-03	1.22E-03	0.00E+00
3846	260321	4026727.73	8.91E-03	1.63E-03	1.22E-03	0.00E+00
3847	260342.6	4026745.27	8.70E-03	1.59E-03	1.19E-03	0.00E+00

3848	260257.6	4026615.93	6.91E-03	1.27E-03	9.44E-04	0.00E+00
3849	260279	4026633.32	7.23E-03	1.32E-03	9.89E-04	0.00E+00
3850	260300.4	4026650.7	7.49E-03	1.37E-03	1.02E-03	0.00E+00
3851	260321.8	4026668.09	7.65E-03	1.40E-03	1.04E-03	0.00E+00
3852	260343.2	4026685.48	7.68E-03	1.41E-03	1.05E-03	0.00E+00
3853	260333.1	4026556.74	5.65E-03	1.03E-03	7.72E-04	0.00E+00
3854	260355	4026574.51	5.80E-03	1.06E-03	7.93E-04	0.00E+00
3855	260376.9	4026592.29	5.90E-03	1.08E-03	8.06E-04	0.00E+00
3856	260398.8	4026610.06	5.94E-03	1.09E-03	8.11E-04	0.00E+00
3857	260420.7	4026627.83	5.90E-03	1.08E-03	8.07E-04	0.00E+00
3858	260442.6	4026645.61	5.80E-03	1.06E-03	7.93E-04	0.00E+00
3859	260464.5	4026663.38	5.65E-03	1.03E-03	7.72E-04	0.00E+00
3860	260486.4	4026681.15	5.45E-03	9.97E-04	7.44E-04	0.00E+00
3861	260320.9	4026426.24	4.13E-03	7.56E-04	5.65E-04	0.00E+00
3862	260342.5	4026443.78	4.29E-03	7.86E-04	5.86E-04	0.00E+00
3863	260364.1	4026461.32	4.44E-03	8.12E-04	6.06E-04	0.00E+00
3864	260385.7	4026478.86	4.56E-03	8.36E-04	6.24E-04	0.00E+00
3865	260407.3	4026496.4	4.67E-03	8.55E-04	6.38E-04	0.00E+00
3866	260428.9	4026513.94	4.74E-03	8.68E-04	6.48E-04	0.00E+00
3867	260450.5	4026531.48	4.78E-03	8.75E-04	6.53E-04	0.00E+00
3868	260472.1	4026549.02	4.78E-03	8.74E-04	6.53E-04	0.00E+00
3869	260572.9	4026630.87	4.28E-03	7.84E-04	5.85E-04	0.00E+00
3870	260352.6	4026331.45	3.36E-03	6.15E-04	4.59E-04	0.00E+00
3871	260374.5	4026349.23	3.49E-03	6.38E-04	4.77E-04	0.00E+00
3872	260396.4	4026367	3.61E-03	6.60E-04	4.93E-04	0.00E+00
3873	260484	4026438.1	3.94E-03	7.21E-04	5.38E-04	0.00E+00
3874	260505.8	4026455.87	3.97E-03	7.26E-04	5.42E-04	0.00E+00
3875	260527.7	4026473.64	3.97E-03	7.27E-04	5.43E-04	0.00E+00
3876	260549.6	4026491.42	3.95E-03	7.23E-04	5.39E-04	0.00E+00
3877	260571.5	4026509.19	3.89E-03	7.13E-04	5.32E-04	0.00E+00
3878	260593.4	4026526.96	3.82E-03	6.99E-04	5.22E-04	0.00E+00
3879	260615.3	4026544.74	3.72E-03	6.81E-04	5.08E-04	0.00E+00
3880	260637.2	4026562.51	3.59E-03	6.58E-04	4.91E-04	0.00E+00
3881	260659.1	4026580.28	3.46E-03	6.34E-04	4.73E-04	0.00E+00
3882	260384.2	4026236.53	2.78E-03	5.10E-04	3.80E-04	0.00E+00
3883	260405.8	4026254.14	2.89E-03	5.29E-04	3.95E-04	0.00E+00
3884	260427.5	4026271.74	2.99E-03	5.47E-04	4.09E-04	0.00E+00
3885	260449.2	4026289.35	3.08E-03	5.64E-04	4.21E-04	0.00E+00
3886	260470.9	4026306.95	3.17E-03	5.80E-04	4.33E-04	0.00E+00
3887	260492.6	4026324.56	3.24E-03	5.93E-04	4.42E-04	0.00E+00
3888	260514.3	4026342.17	3.30E-03	6.04E-04	4.50E-04	0.00E+00
3889	260536	4026359.77	3.34E-03	6.12E-04	4.56E-04	0.00E+00
3890	260557.6	4026377.38	3.37E-03	6.16E-04	4.60E-04	0.00E+00
3891	260579.3	4026394.98	3.38E-03	6.18E-04	4.61E-04	0.00E+00
3892	260601	4026412.59	3.37E-03	6.17E-04	4.60E-04	0.00E+00
3893	260622.7	4026430.19	3.34E-03	6.11E-04	4.56E-04	0.00E+00
3894	260644.4	4026447.8	3.29E-03	6.03E-04	4.50E-04	0.00E+00

3895	260709.4	4026500.62	3.06E-03	5.60E-04	4.18E-04	0.00E+00
3896	260731.1	4026518.22	2.96E-03	5.42E-04	4.04E-04	0.00E+00
3897	260447.4	4026046.81	2.00E-03	3.66E-04	2.73E-04	0.00E+00
3898	260469.2	4026064.45	2.08E-03	3.80E-04	2.84E-04	0.00E+00
3899	260505.4	4026093.85	2.20E-03	4.03E-04	3.00E-04	0.00E+00
3900	260548.8	4026129.14	2.33E-03	4.27E-04	3.19E-04	0.00E+00
3901	260570.6	4026146.78	2.39E-03	4.38E-04	3.27E-04	0.00E+00
3902	260592.3	4026164.42	2.44E-03	4.47E-04	3.34E-04	0.00E+00
3903	260614	4026182.07	2.48E-03	4.55E-04	3.39E-04	0.00E+00
3904	260635.7	4026199.71	2.52E-03	4.61E-04	3.44E-04	0.00E+00
3905	260657.5	4026217.35	2.54E-03	4.66E-04	3.48E-04	0.00E+00
3906	260679.2	4026235	2.56E-03	4.68E-04	3.50E-04	0.00E+00
3907	260700.9	4026252.64	2.56E-03	4.69E-04	3.50E-04	0.00E+00
3908	260722.7	4026270.28	2.56E-03	4.68E-04	3.50E-04	0.00E+00
3909	260744.4	4026287.92	2.54E-03	4.66E-04	3.48E-04	0.00E+00
3910	260766.1	4026305.57	2.52E-03	4.61E-04	3.44E-04	0.00E+00
3911	260860.3	4026382.02	2.30E-03	4.21E-04	3.14E-04	0.00E+00
3912	260882	4026399.66	2.23E-03	4.08E-04	3.05E-04	0.00E+00
3913	260903.8	4026417.3	2.16E-03	3.95E-04	2.95E-04	0.00E+00
3914	260510.7	4025857.08	1.51E-03	2.77E-04	2.06E-04	0.00E+00
3915	260532.4	4025874.74	1.56E-03	2.86E-04	2.14E-04	0.00E+00
3916	260554.2	4025892.41	1.62E-03	2.96E-04	2.21E-04	0.00E+00
3917	260576	4025910.08	1.67E-03	3.07E-04	2.29E-04	0.00E+00
3918	260699.3	4026010.19	1.94E-03	3.55E-04	2.65E-04	0.00E+00
3919	260721	4026027.85	1.97E-03	3.61E-04	2.69E-04	0.00E+00
3920	260742.8	4026045.52	2.00E-03	3.66E-04	2.73E-04	0.00E+00
3921	260764.5	4026063.19	2.02E-03	3.70E-04	2.76E-04	0.00E+00
3922	260786.3	4026080.85	2.03E-03	3.72E-04	2.78E-04	0.00E+00
3923	260808.1	4026098.52	2.04E-03	3.74E-04	2.79E-04	0.00E+00
3924	260829.8	4026116.18	2.04E-03	3.74E-04	2.79E-04	0.00E+00
3925	260851.6	4026133.85	2.04E-03	3.73E-04	2.78E-04	0.00E+00
3926	260873.3	4026151.52	2.03E-03	3.71E-04	2.77E-04	0.00E+00
3927	260895.1	4026169.18	2.01E-03	3.68E-04	2.75E-04	0.00E+00
3928	260916.8	4026186.85	1.99E-03	3.64E-04	2.71E-04	0.00E+00
3929	261011.1	4026263.4	1.82E-03	3.33E-04	2.48E-04	0.00E+00
3930	261032.9	4026281.07	1.77E-03	3.23E-04	2.41E-04	0.00E+00
3931	261054.7	4026298.74	1.71E-03	3.14E-04	2.34E-04	0.00E+00
3932	261076.4	4026316.4	1.66E-03	3.03E-04	2.27E-04	0.00E+00
3933	260573.9	4025667.35	1.19E-03	2.18E-04	1.62E-04	0.00E+00
3934	260595.7	4025685.03	1.23E-03	2.25E-04	1.68E-04	0.00E+00
3935	260617.5	4025702.71	1.27E-03	2.33E-04	1.74E-04	0.00E+00
3936	260639.3	4025720.39	1.31E-03	2.40E-04	1.79E-04	0.00E+00
3937	260661	4025738.08	1.35E-03	2.48E-04	1.85E-04	0.00E+00
3938	260769.9	4025826.49	1.54E-03	2.82E-04	2.10E-04	0.00E+00
3939	260849.8	4025891.33	1.64E-03	3.00E-04	2.24E-04	0.00E+00
3940	260871.6	4025909.01	1.66E-03	3.03E-04	2.26E-04	0.00E+00
3941	260893.4	4025926.69	1.67E-03	3.06E-04	2.28E-04	0.00E+00

3942	260915.1	4025944.38	1.68E-03	3.08E-04	2.30E-04	0.00E+00
3943	260936.9	4025962.06	1.69E-03	3.09E-04	2.30E-04	0.00E+00
3944	260958.7	4025979.74	1.69E-03	3.09E-04	2.30E-04	0.00E+00
3945	260980.5	4025997.43	1.68E-03	3.08E-04	2.30E-04	0.00E+00
3946	261002.3	4026015.11	1.67E-03	3.06E-04	2.29E-04	0.00E+00
3947	261024	4026032.79	1.66E-03	3.04E-04	2.27E-04	0.00E+00
3948	261045.8	4026050.47	1.64E-03	3.01E-04	2.25E-04	0.00E+00
3949	261067.6	4026068.16	1.62E-03	2.97E-04	2.22E-04	0.00E+00
3950	261089.4	4026085.84	1.60E-03	2.93E-04	2.18E-04	0.00E+00
3951	261111.2	4026103.52	1.57E-03	2.87E-04	2.15E-04	0.00E+00
3952	261132.9	4026121.2	1.54E-03	2.82E-04	2.10E-04	0.00E+00
3953	261154.7	4026138.89	1.50E-03	2.75E-04	2.05E-04	0.00E+00
3954	261176.5	4026156.57	1.47E-03	2.69E-04	2.00E-04	0.00E+00
3955	261198.3	4026174.25	1.43E-03	2.61E-04	1.95E-04	0.00E+00
3956	261220	4026191.94	1.39E-03	2.54E-04	1.90E-04	0.00E+00
3957	261241.8	4026209.62	1.35E-03	2.46E-04	1.84E-04	0.00E+00
3958	261263.6	4026227.3	1.30E-03	2.39E-04	1.78E-04	0.00E+00
3959	260637.2	4025477.61	9.65E-04	1.77E-04	1.32E-04	0.00E+00
3960	260659	4025495.31	9.96E-04	1.82E-04	1.36E-04	0.00E+00
3961	260680.8	4025513	1.03E-03	1.88E-04	1.40E-04	0.00E+00
3962	260702.6	4025530.7	1.06E-03	1.94E-04	1.45E-04	0.00E+00
3963	260724.4	4025548.39	1.09E-03	2.00E-04	1.49E-04	0.00E+00
3964	260746.2	4025566.09	1.12E-03	2.06E-04	1.54E-04	0.00E+00
3965	260767.9	4025583.78	1.16E-03	2.11E-04	1.58E-04	0.00E+00
3966	260789.7	4025601.48	1.19E-03	2.17E-04	1.62E-04	0.00E+00
3967	260811.5	4025619.17	1.22E-03	2.22E-04	1.66E-04	0.00E+00
3968	260833.3	4025636.87	1.24E-03	2.28E-04	1.70E-04	0.00E+00
3969	260855.1	4025654.56	1.27E-03	2.33E-04	1.74E-04	0.00E+00
3970	260876.9	4025672.26	1.30E-03	2.38E-04	1.78E-04	0.00E+00
3971	260898.7	4025689.95	1.32E-03	2.43E-04	1.81E-04	0.00E+00
3972	260920.5	4025707.65	1.35E-03	2.47E-04	1.84E-04	0.00E+00
3973	260942.3	4025725.34	1.37E-03	2.50E-04	1.87E-04	0.00E+00
3974	260964.1	4025743.04	1.38E-03	2.54E-04	1.89E-04	0.00E+00
3975	260985.9	4025760.73	1.40E-03	2.56E-04	1.91E-04	0.00E+00
3976	261007.7	4025778.43	1.41E-03	2.58E-04	1.93E-04	0.00E+00
3977	261029.5	4025796.12	1.42E-03	2.60E-04	1.94E-04	0.00E+00
3978	261051.3	4025813.82	1.43E-03	2.61E-04	1.95E-04	0.00E+00
3979	261073.1	4025831.51	1.43E-03	2.62E-04	1.95E-04	0.00E+00
3980	261094.9	4025849.21	1.43E-03	2.62E-04	1.95E-04	0.00E+00
3981	261116.7	4025866.9	1.42E-03	2.61E-04	1.95E-04	0.00E+00
3982	261138.4	4025884.59	1.42E-03	2.59E-04	1.94E-04	0.00E+00
3983	261160.2	4025902.29	1.41E-03	2.58E-04	1.92E-04	0.00E+00
3984	261182	4025919.98	1.39E-03	2.55E-04	1.91E-04	0.00E+00
3985	261203.8	4025937.68	1.38E-03	2.53E-04	1.89E-04	0.00E+00
3986	261225.6	4025955.37	1.36E-03	2.49E-04	1.86E-04	0.00E+00
3987	261247.4	4025973.07	1.34E-03	2.45E-04	1.83E-04	0.00E+00
3988	261269.2	4025990.76	1.31E-03	2.41E-04	1.80E-04	0.00E+00

3989	261291	4026008.46	1.29E-03	2.36E-04	1.76E-04	0.00E+00
3990	261312.8	4026026.15	1.26E-03	2.31E-04	1.72E-04	0.00E+00
3991	261334.6	4026043.85	1.23E-03	2.25E-04	1.68E-04	0.00E+00
3992	261356.4	4026061.54	1.20E-03	2.20E-04	1.64E-04	0.00E+00
3993	261378.2	4026079.24	1.17E-03	2.14E-04	1.60E-04	0.00E+00
3994	261400	4026096.93	1.14E-03	2.09E-04	1.56E-04	0.00E+00
3995	261421.8	4026114.63	1.11E-03	2.03E-04	1.51E-04	0.00E+00
3996	259786.7	4026922.81	3.21E-02	5.88E-03	4.39E-03	0.00E+00
3997	259785.2	4026946.18	3.45E-02	6.31E-03	4.71E-03	0.00E+00
3998	259786.2	4026967.32	3.62E-02	6.63E-03	4.95E-03	0.00E+00
3999	259787.5	4026993.13	4.00E-02	7.32E-03	5.46E-03	0.00E+00
4000	259786.9	4027016.7	4.64E-02	8.49E-03	6.34E-03	0.00E+00
4001	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4002	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4003	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4004	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4005	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4006	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4007	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4008	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4009	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4010	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4011	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4012	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4013	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4014	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4015	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4016	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4017	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4018	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4019	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4020	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4021	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4022	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4023	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4024	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4025	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4026	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4027	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4028	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4029	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4030	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4031	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4032	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4033	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4034	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4035	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4036	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4037	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4038	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4039	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4040	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4041	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4042	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4043	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4044	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4045	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4046	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4047	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4048	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4049	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4050	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4051	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4052	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4053	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4054	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4055	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4056	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4057	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4058	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4059	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4060	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4061	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4062	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4063	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4064	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4065	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4066	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4067	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4068	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4069	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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4071	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4072	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4073	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4074	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4075	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4076	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4077	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4078	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4079	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4080	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4081	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4082	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4083	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4084	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4085	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4086	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4087	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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4092	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4093	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4094	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4095	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4096	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4097	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4098	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4099	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4100	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4101	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4102	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4103	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4104	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4105	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4106	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4107	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4108	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4109	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4110	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4111	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4112	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4113	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4114	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4115	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4116	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4117	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4118	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4119	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4120	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4121	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4122	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4123	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4124	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4125	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4126	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4127	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4128	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4129	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4130	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4131	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4132	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4133	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4134	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4135	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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4137	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4138	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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4142	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4143	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4144	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4145	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4146	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4147	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4148	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4149	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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4151	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4152	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4153	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4154	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4155	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4156	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4157	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4158	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4159	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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4161	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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4163	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4164	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4165	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4166	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4167	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4168	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4169	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4170	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4171	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4172	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4173	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4174	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4175	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4176	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4177	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4178	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4179	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4180	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4181	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4182	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4183	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4184	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4185	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4186	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4187	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4188	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4189	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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4191	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4192	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4193	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4194	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4195	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4196	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4197	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4198	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4199	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4200	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4201	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4202	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4203	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4204	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4205	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4206	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4207	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4208	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4209	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4210	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4211	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4212	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4213	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4214	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4215	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4216	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4217	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4218	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4219	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4220	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4221	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4222	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4223	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4224	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4225	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4226	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4227	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4228	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4229	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4230	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4231	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4232	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4233	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4234	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4235	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4236	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4237	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4238	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4239	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4240	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4241	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4242	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4243	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4244	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4245	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4246	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4247	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4248	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4249	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4250	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4251	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4252	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4253	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4254	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4255	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4256	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4257	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4258	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4259	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4260	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4261	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4262	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4263	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4264	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4265	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4266	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4267	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4268	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4269	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4270	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4271	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4272	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4273	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4274	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4275	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4276	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4277	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4278	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4279	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4280	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4281	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4282	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4283	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4284	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4285	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4286	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4287	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4288	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4289	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4290	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4291	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4292	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4293	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4294	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4295	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4296	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4297	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4298	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4299	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4300	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4301	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4302	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4303	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4304	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4305	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4306	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4307	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4308	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4309	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4310	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4311	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4312	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4313	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4314	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4315	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4316	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4317	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4318	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4319	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4320	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4321	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4322	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4323	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4324	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4325	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4326	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4327	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4328	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4329	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4330	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4331	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4332	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4333	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4334	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4335	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4336	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4337	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4338	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4339	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4340	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4341	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4342	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4343	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4344	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4345	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4346	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4347	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4348	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4349	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4350	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4351	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4352	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4353	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4354	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4355	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4356	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4357	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4358	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4359	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4360	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4361	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4362	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4363	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4364	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4365	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4366	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4367	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4368	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4369	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4370	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4371	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4372	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4373	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4374	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4375	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4376	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4377	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4378	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4379	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4380	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4381	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4382	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4383	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4384	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4385	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4386	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4387	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4388	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4389	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4390	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4391	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4392	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4393	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4394	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4395	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4396	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4397	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4398	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4399	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4400	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4401	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4402	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4403	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4404	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4405	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4406	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4407	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4408	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4409	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4410	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4411	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4412	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4413	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4414	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4415	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4416	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4417	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4418	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4419	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4420	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4421	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4422	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4423	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4424	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4425	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4426	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4427	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4428	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4429	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4430	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4431	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4432	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4433	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4434	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4435	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4436	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4437	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4438	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4439	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4440	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4441	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4442	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4443	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4444	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4445	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4446	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4447	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4448	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4449	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4450	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4451	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4452	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4453	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4454	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4455	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4456	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4457	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4458	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4459	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4460	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4461	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4462	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4463	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4464	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4465	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4466	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4467	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4468	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4469	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4470	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4471	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4472	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4473	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4474	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4475	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4476	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4477	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4478	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4479	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4480	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4481	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4482	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4483	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4484	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4485	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4486	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4487	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4488	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4489	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4490	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4491	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4492	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4493	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4494	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4495	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4496	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4497	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4498	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4499	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4500	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4501	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4502	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4503	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4504	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4505	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4506	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4507	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4508	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4509	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4510	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4511	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4512	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4513	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4514	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4515	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4516	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4517	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4518	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4519	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4520	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4521	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4522	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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4531	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4532	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4533	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4534	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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4536	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4537	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4538	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4539	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4540	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4541	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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4546	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4547	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4548	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4549	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4550	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4551	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4552	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4553	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4554	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4555	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4556	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4557	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4558	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4559	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4560	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4561	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4562	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4563	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4564	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4565	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4566	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4567	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4568	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4569	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4570	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4571	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4572	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4573	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4574	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4575	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4576	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4577	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4578	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4579	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4580	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4581	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4582	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4583	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4584	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4585	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4586	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4587	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4588	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4589	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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4591	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4592	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4593	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4594	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4595	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4596	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4597	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4598	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4599	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4600	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4601	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4602	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4603	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4604	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4605	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4606	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4607	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4608	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4609	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4610	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4611	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4612	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4613	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4614	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4615	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4616	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4617	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4618	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4619	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4620	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4621	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4622	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4623	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4624	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4625	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4626	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4627	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4628	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4629	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4630	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4631	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4632	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4633	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4634	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4635	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4636	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4637	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4638	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4639	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4640	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4641	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4642	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4643	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4644	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4645	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4646	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4647	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4648	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4649	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4650	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4651	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4652	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4653	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4654	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4655	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4656	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4657	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4658	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4659	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4660	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4661	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4662	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4663	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4664	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4665	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4666	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4667	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4668	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4669	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4670	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4671	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4672	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4673	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4674	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4675	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4676	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4677	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4678	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4679	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4680	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4681	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4682	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4683	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4684	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4685	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4686	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4687	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4688	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4689	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4690	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4691	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4692	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4693	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4694	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4695	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4696	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4697	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4698	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4699	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4700	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4701	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4702	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4703	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4704	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4705	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4706	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4707	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4708	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4709	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4710	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4711	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4712	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4713	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4714	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4715	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4716	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4717	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4718	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4719	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4720	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4721	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4722	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4723	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4724	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4725	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4726	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4727	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4728	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4729	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4730	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4731	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4732	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4733	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4734	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4735	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4736	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4737	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4738	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4739	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4740	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4741	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4742	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4743	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4744	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4745	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4746	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4747	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4748	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4749	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4750	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4751	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4752	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4753	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4754	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4755	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4756	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4757	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4758	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4759	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4760	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4761	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4762	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4763	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4764	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4765	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4766	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4767	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4768	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4769	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4770	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4771	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4772	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4773	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4774	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4775	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4776	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4777	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4778	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4779	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4780	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4781	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4782	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4783	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4784	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4785	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4786	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4787	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4788	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4789	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4790	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4791	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4792	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4793	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4794	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4795	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4796	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4797	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4798	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4799	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4800	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4801	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4802	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4803	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4804	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4805	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4806	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4807	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4808	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4809	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4810	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4811	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4812	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4813	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4814	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4815	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4816	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4817	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4818	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4819	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4820	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4821	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4822	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4823	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4824	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4825	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4826	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4827	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4828	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4829	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4830	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4831	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4832	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4833	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4834	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4835	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4836	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4837	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4838	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4839	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4840	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4841	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4842	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4843	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4844	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4845	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4846	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4847	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4848	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4849	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4850	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4851	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4852	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4853	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4854	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4855	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4856	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4857	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4858	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4859	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4860	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4861	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4862	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4863	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4864	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4865	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4866	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4867	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4868	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4869	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4870	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4871	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4872	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4873	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4874	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4875	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4876	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4877	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4878	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4879	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4880	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4881	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4882	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4883	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4884	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4885	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4886	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4887	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4888	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4889	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4890	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4891	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4892	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4893	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4894	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4895	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4896	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4897	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4898	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4899	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4900	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4901	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4902	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4903	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4904	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4905	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4906	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4907	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4908	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4909	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4910	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4911	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4912	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4913	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4914	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4915	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4916	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4917	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4918	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4919	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4920	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4921	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4922	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4923	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4924	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4925	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4926	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4927	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4928	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4929	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4930	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4931	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4932	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4933	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4934	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4935	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4936	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4937	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4938	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4939	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4940	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4941	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4942	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4943	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4944	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4945	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4946	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4947	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4948	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4949	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4950	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4951	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4952	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4953	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4954	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4955	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4956	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4957	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4958	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4959	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4960	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4961	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4962	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4963	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4964	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4965	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4966	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4967	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4968	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4969	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4970	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4971	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4972	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4973	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4974	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4975	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4976	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4977	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4978	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4979	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4980	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4981	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4982	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4983	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4984	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4985	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4986	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4987	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4988	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4989	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4990	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4991	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4992	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4993	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4994	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4995	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4996	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4997	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4998	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4999	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5000	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5001	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5002	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5003	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5004	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5005	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5006	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5007	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5008	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5009	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5010	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5011	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5012	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5013	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5014	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5015	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5016	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5017	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5018	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5019	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5020	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5021	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5022	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5023	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5024	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5025	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5026	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5027	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5028	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5029	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5030	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5031	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5032	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5033	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5034	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5035	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5036	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5037	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5038	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5039	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5040	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5041	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5042	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5043	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5044	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5045	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5046	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5047	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5048	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5049	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5050	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5051	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5052	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5053	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5054	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5055	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5056	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5057	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5058	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5059	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5060	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5061	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5062	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5063	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5064	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5065	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5066	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5067	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5068	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5069	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5070	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5071	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5072	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5073	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5074	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5075	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5076	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5077	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5078	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5079	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5080	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5081	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5082	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5083	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5084	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5085	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5086	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5087	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5088	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5089	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5090	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5091	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5092	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5093	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5094	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5095	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5096	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5097	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5098	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5099	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5100	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5101	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5102	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5103	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5104	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5105	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5106	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5107	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5108	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5109	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5110	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5111	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5112	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5113	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5114	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5115	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5116	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5117	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5118	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5119	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5120	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5121	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5122	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5123	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5124	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5125	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5126	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5127	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5128	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5129	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5130	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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5132	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5133	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5134	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5135	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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5137	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5138	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5139	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5140	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5141	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5142	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5143	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5144	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5145	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5146	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5147	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5148	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5149	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5150	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5151	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5152	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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5154	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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5157	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5158	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5159	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5160	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5161	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5162	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5163	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5164	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5165	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5166	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5167	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5168	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5169	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5170	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5171	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5172	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5173	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5174	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5175	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5176	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5177	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5178	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5179	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5180	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5181	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5182	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5183	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5184	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5185	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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5188	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5189	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5190	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5191	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5192	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5193	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5194	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5195	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5196	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5197	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5198	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5199	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5200	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5201	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5202	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5203	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5204	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5205	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5206	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5207	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5208	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5209	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5210	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5211	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5212	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5213	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5214	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5215	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5216	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5217	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5218	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5219	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5220	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5221	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5222	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5223	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5224	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5225	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5226	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5227	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5228	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5229	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5230	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5231	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5232	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5233	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5234	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5235	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5236	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5237	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5238	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5239	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5240	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5241	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5242	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5243	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5244	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5245	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5246	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5247	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5248	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5249	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5250	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5251	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5252	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5253	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5254	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5255	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5256	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5257	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5258	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5259	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5260	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5261	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5262	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5263	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5264	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5265	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5266	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5267	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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5273	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5274	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5275	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5276	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5277	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5278	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5279	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5280	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5281	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5282	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5283	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5284	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5285	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5286	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5287	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5288	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5289	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5290	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5291	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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5293	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5294	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5295	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5296	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5297	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5298	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5299	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5300	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5301	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5302	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5303	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5304	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5305	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5306	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5307	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5308	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5309	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5310	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5311	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5312	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5313	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5314	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5315	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5316	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5317	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5318	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5319	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5320	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5321	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5322	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5323	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5324	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5325	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5326	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5327	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5328	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5329	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5330	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5331	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5332	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5333	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5334	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5335	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5336	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5337	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5338	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5339	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5340	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5341	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5342	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5343	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5344	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5345	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5346	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5347	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5348	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5349	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5350	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5351	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5352	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5353	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5354	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5355	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5356	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5357	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5358	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5359	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5360	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5361	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5362	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5363	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5364	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5365	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5366	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5367	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5368	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5369	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5370	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5371	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5372	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5373	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5374	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5375	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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5377	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5378	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5379	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5380	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5381	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5382	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5383	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5384	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5385	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5386	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5387	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5388	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5389	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5390	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5391	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5392	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5393	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5394	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5395	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5396	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5397	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5398	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5399	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5400	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5401	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5402	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5403	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5404	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5405	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5406	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5407	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5408	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5409	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5410	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5411	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5412	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5413	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5414	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5415	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5416	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5417	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5418	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5419	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5420	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5421	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5422	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5423	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5424	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5425	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5426	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5427	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5428	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5429	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5430	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5431	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5432	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5433	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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5435	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5436	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5437	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5438	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5439	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5440	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5441	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5442	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5443	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5444	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5445	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5446	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5447	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5448	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5449	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5450	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5451	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5452	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5453	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5454	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5455	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5456	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5457	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5458	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5459	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5460	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5461	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5462	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5463	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5464	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5465	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5466	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5467	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5468	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5469	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5470	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5471	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5472	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5473	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5474	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5475	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5476	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5477	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5478	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5479	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5480	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5481	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5482	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5483	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5484	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5485	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5486	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5487	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5488	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5489	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5490	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5491	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5492	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5493	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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5497	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5498	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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5501	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5502	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5503	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5504	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5505	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5506	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5507	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5508	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5509	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5510	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5511	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5512	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5513	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5514	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5515	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5516	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5517	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5518	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5519	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5520	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5521	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5522	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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5524	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5525	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5526	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5527	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5528	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5529	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5530	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5531	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5532	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5533	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5534	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5535	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5536	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5537	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5538	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5539	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5540	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5541	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5542	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5543	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5544	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5545	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5546	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5547	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5548	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5549	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5550	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5551	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5552	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5553	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5554	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5555	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5556	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5557	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5558	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5559	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5560	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5561	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5562	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5563	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5564	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5565	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5566	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5567	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5568	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5569	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5570	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5571	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5572	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5573	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5574	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5575	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5576	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5577	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5578	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5579	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5580	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5581	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5582	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5583	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5584	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5585	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5586	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5587	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5588	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5589	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5590	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5591	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5592	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5593	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5594	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5595	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5596	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5597	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5598	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5599	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5600	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5601	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5602	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5603	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5604	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5605	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5606	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5607	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5608	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5609	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5610	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5611	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5612	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5613	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5614	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5615	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5616	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5617	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5618	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5619	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5620	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5621	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5622	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5623	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5624	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5625	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5626	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5627	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5628	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5629	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5630	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5631	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5632	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5633	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5634	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5635	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5636	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5637	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5638	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5639	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5640	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5641	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5642	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5643	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5644	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5645	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5646	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5647	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5648	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5649	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5650	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5651	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5652	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5653	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5654	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5655	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5656	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5657	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5658	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5659	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5660	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5661	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5662	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5663	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5664	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5665	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5666	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5667	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5668	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5669	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5670	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5671	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5672	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5673	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5674	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5675	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5676	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5677	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5678	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5679	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5680	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5681	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5682	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5683	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5684	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5685	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5686	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5687	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5688	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5689	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5690	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5691	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5692	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5693	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5694	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5695	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5696	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5697	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5698	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5699	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5700	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5701	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5702	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5703	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5704	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5705	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5706	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5707	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5708	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5709	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5710	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5711	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5712	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5713	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5714	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5715	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5716	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5717	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5718	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5719	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5720	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5721	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5722	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5723	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5724	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5725	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5726	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5727	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5728	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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5731	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5732	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5733	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5734	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5735	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5736	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5737	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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5740	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5741	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5742	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5743	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5744	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5745	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5746	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5747	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5748	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5749	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5750	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5751	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5752	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5753	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5754	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5755	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5756	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5757	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5758	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5759	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5760	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5761	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5762	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5763	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5764	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5765	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5766	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5767	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5768	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5769	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5770	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5771	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5772	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5773	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5774	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5775	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5776	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5777	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5778	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5779	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5780	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5781	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5782	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5783	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5784	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5785	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5786	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5787	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5788	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5789	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5790	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5791	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5792	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5793	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5794	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5795	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5796	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5797	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5798	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5799	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5800	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5801	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5802	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5803	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5804	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5805	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5806	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5807	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5808	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5809	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5810	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5811	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5812	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5813	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5814	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5815	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5816	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5817	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5818	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5819	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5820	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5821	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5822	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5823	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5824	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5825	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5826	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5827	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5828	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5829	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5830	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5831	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5832	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5833	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5834	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5835	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5836	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5837	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5838	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5839	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5840	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5841	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5842	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5843	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5844	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5845	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5846	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5847	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5848	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5849	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5850	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5851	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5852	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5853	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5854	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5855	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5856	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5857	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5858	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5859	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5860	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5861	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5862	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5863	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5864	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5865	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5866	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5867	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5868	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5869	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5870	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5871	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5872	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5873	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5874	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5875	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5876	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5877	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5878	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5879	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5880	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5881	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5882	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5883	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5884	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5885	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5886	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5887	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5888	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5889	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5890	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5891	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5892	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5893	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5894	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5895	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5896	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5897	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5898	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5899	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5900	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5901	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5902	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5903	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5904	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5905	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5906	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5907	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5908	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5909	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5910	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5911	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5912	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5913	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5914	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5915	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5916	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5917	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5918	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5919	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5920	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5921	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5922	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5923	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5924	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5925	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5926	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5927	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5928	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5929	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5930	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5931	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5932	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5933	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5934	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5935	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5936	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5937	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5938	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5939	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5940	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5941	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5942	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5943	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5944	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5945	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5946	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5947	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5948	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5949	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5950	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5951	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5952	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5953	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5954	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5955	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5956	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5957	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5958	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5959	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5960	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5961	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5962	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5963	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5964	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5965	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5966	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5967	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5968	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5969	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5970	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5971	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5972	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5973	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5974	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5975	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5976	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5977	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5978	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5979	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5980	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5981	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5982	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5983	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5984	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5985	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5986	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5987	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5988	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5989	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5990	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5991	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5992	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5993	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5994	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5995	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5996	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5997	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5998	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5999	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6000	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6001	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6002	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6003	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6004	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6005	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6006	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6007	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6008	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6009	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

6010	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6011	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6012	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6013	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6014	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6015	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6016	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6017	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6018	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6019	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6020	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6021	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6022	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6023	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6024	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6025	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6026	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6027	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6028	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6029	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6030	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6031	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6032	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6033	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6034	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6035	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6036	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6037	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6038	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6039	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6040	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6041	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6042	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6043	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6044	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6045	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6046	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6047	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6048	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6049	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6050	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6051	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6052	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6053	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6054	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6055	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6056	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

6057	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6058	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6059	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6060	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6061	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6062	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6063	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6064	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6065	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6066	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6067	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6068	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6069	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6070	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6071	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6072	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6073	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6074	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6075	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6076	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6077	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6078	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6079	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6080	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6081	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6082	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6083	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6084	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6085	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6086	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6087	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6088	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6089	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6090	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6091	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6092	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6093	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6094	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6095	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6096	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6097	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6098	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6099	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6100	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6101	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6102	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6103	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

6104	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6105	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6106	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6107	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6108	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6109	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6110	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6111	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6112	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6113	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6114	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6115	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6116	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6117	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6118	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6119	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6120	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6121	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6122	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6123	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6124	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6125	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6126	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6127	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6128	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6129	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6130	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6131	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6132	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6133	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6134	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6135	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6136	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6137	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6138	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6139	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6140	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6141	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6142	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6143	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6144	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6145	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6146	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6147	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6148	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6149	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6150	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

6151	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6152	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6153	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6154	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6155	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6156	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6157	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6158	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6159	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6160	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6161	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6162	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6163	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6164	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6165	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6166	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6167	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6168	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6169	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6170	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6171	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6172	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6173	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6174	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6175	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6176	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6177	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6178	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6179	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6180	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6181	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6182	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6183	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6184	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6185	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6186	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6187	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6188	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6189	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6190	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6191	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6192	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6193	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6194	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6195	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6196	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6197	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

6198	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6199	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6200	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6201	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6202	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6203	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6204	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6205	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6206	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6207	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6208	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6209	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6210	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6211	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6212	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6213	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6214	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6215	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6216	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6217	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6218	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6219	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6220	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6221	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6222	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6223	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6224	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6225	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6226	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6227	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6228	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6229	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6230	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6231	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6232	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6233	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6234	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6235	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6236	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6237	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6238	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6239	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6240	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6241	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6242	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6243	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6244	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

6245	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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6247	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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6270	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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6272	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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6290	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6291	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00

6292	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6293	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6294	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6295	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6296	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6297	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6298	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6299	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6300	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6301	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6302	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6303	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6304	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6305	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6306	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6307	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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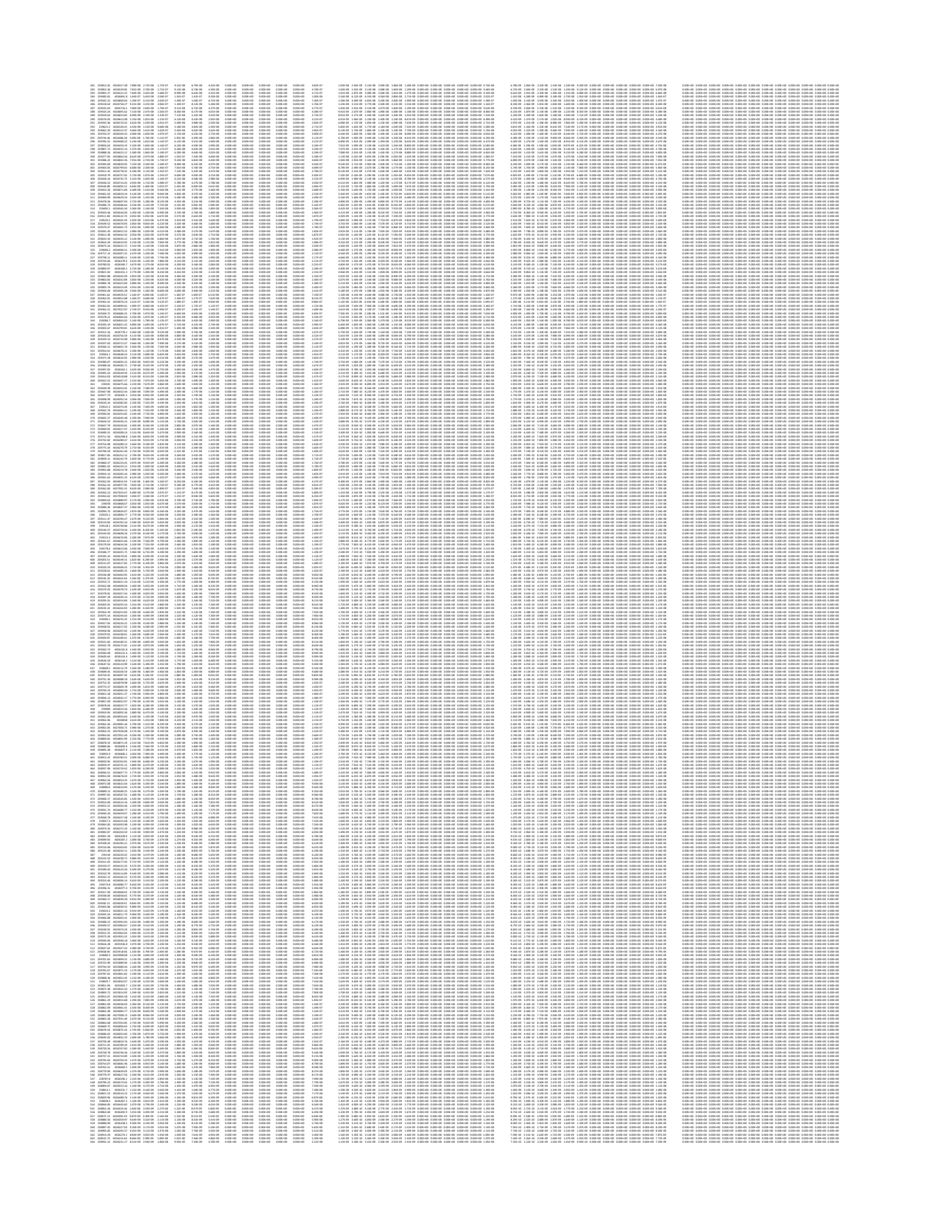
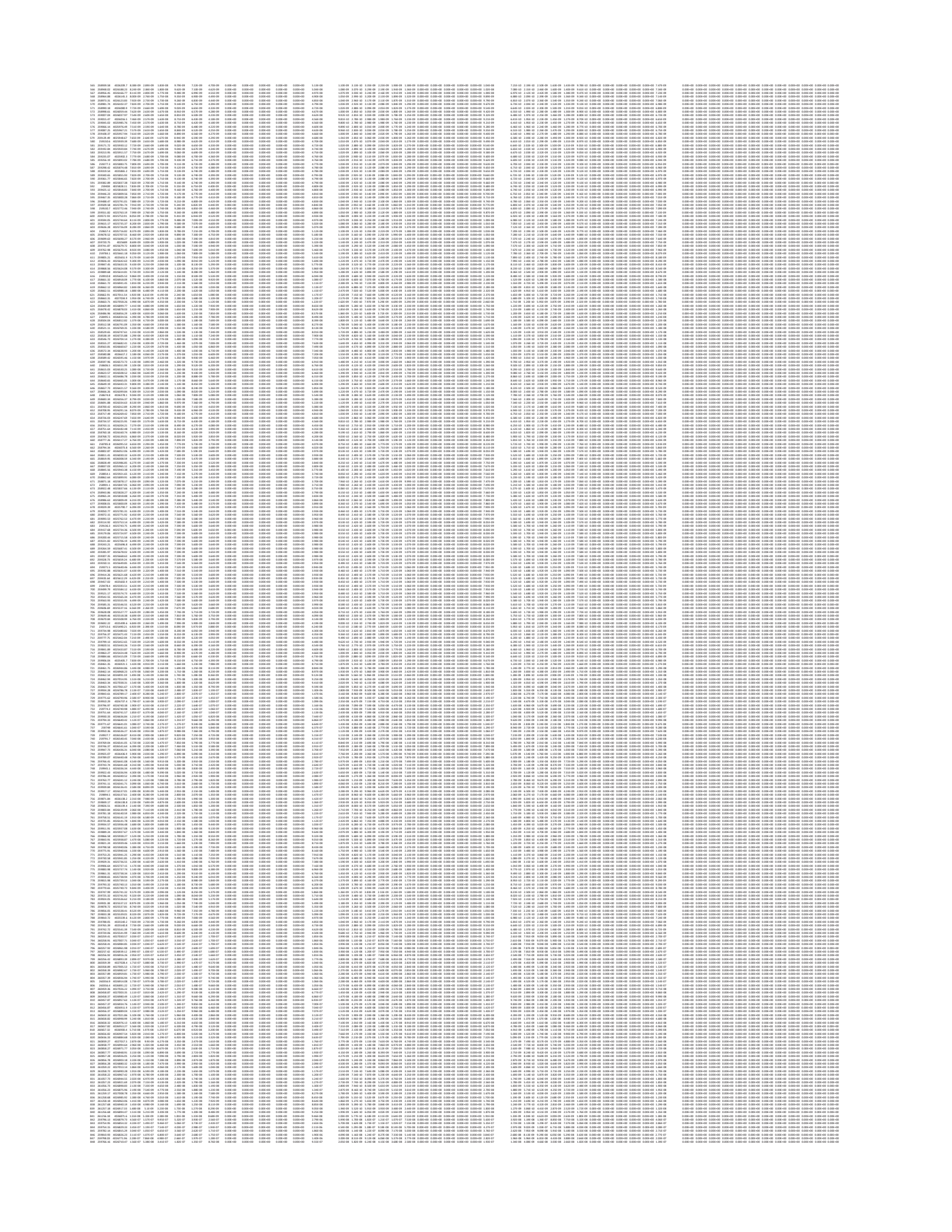
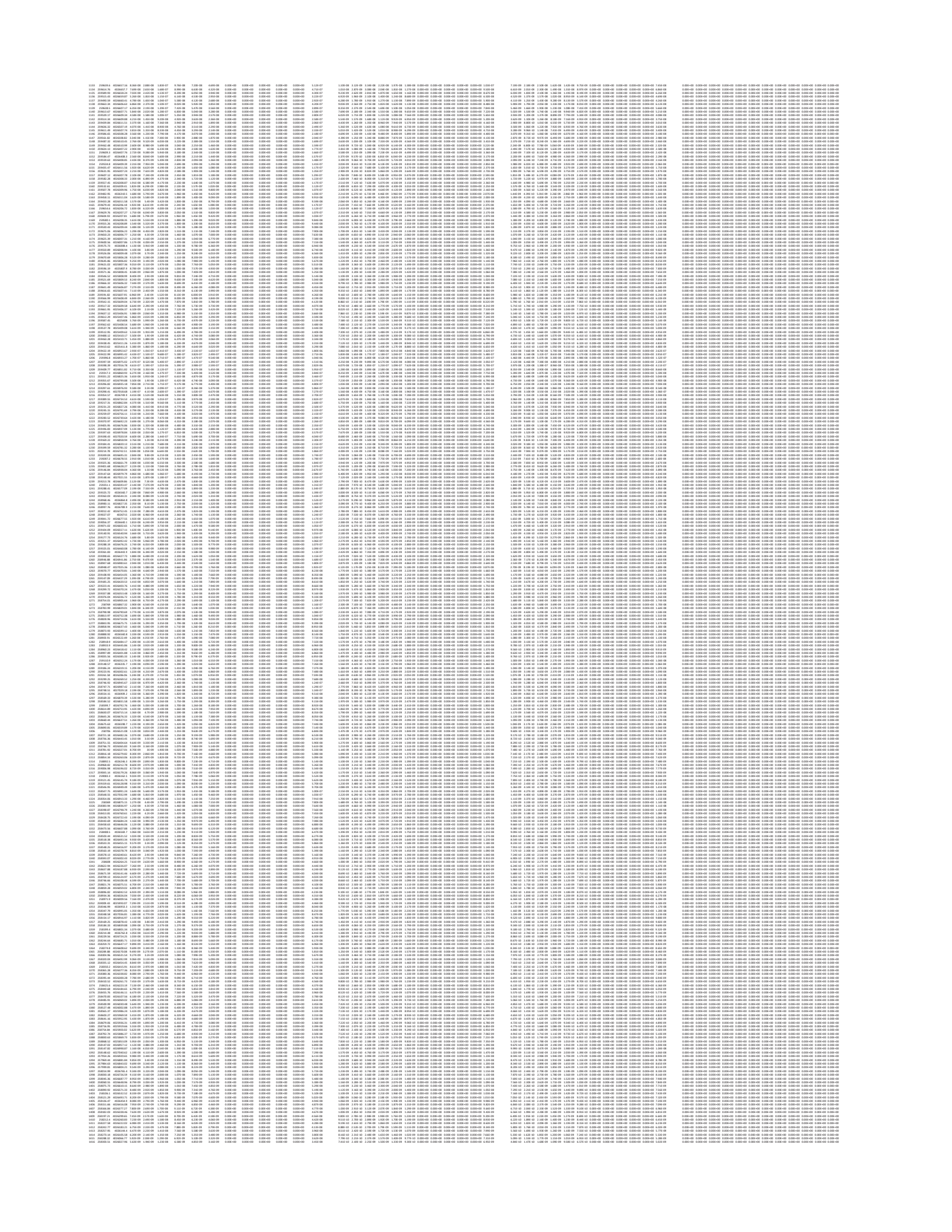
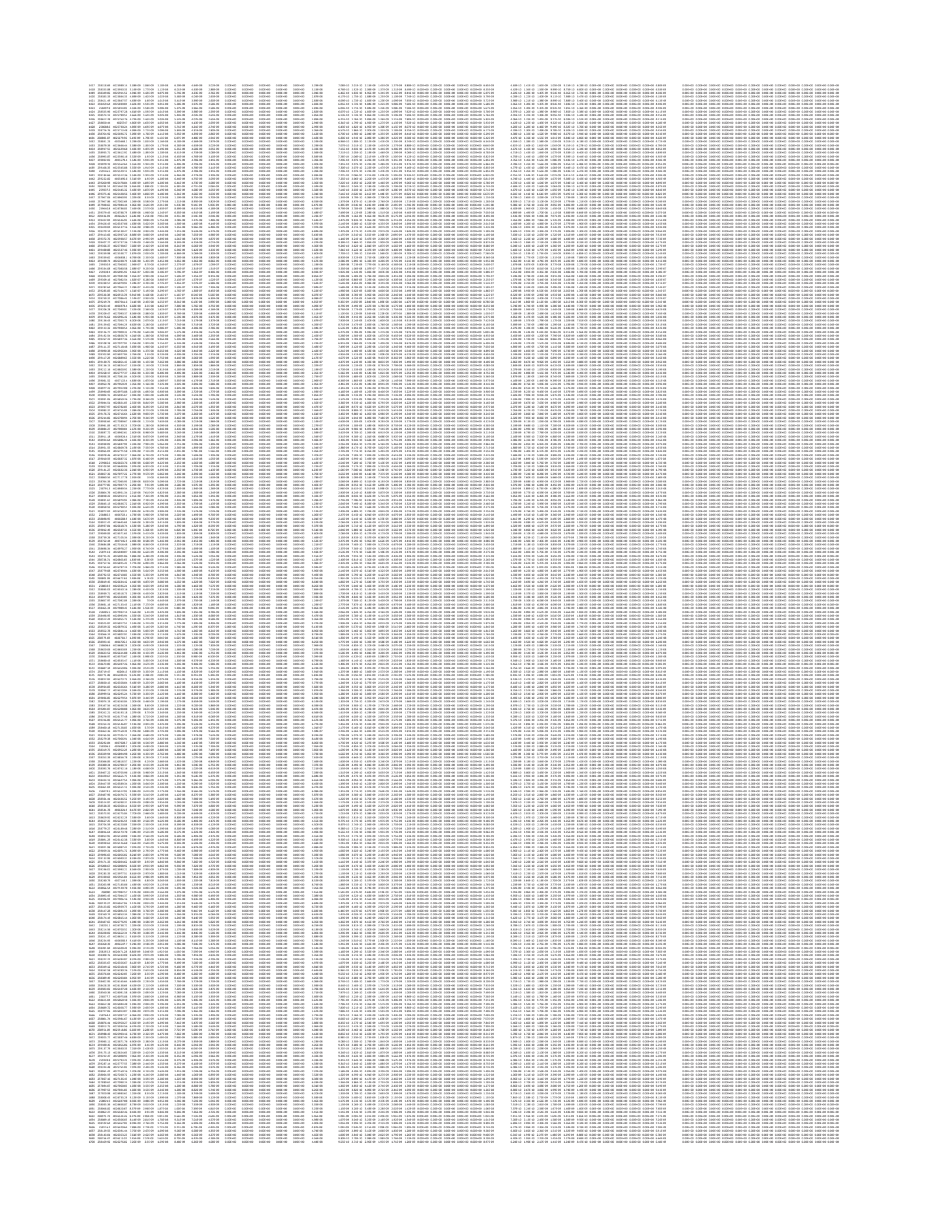
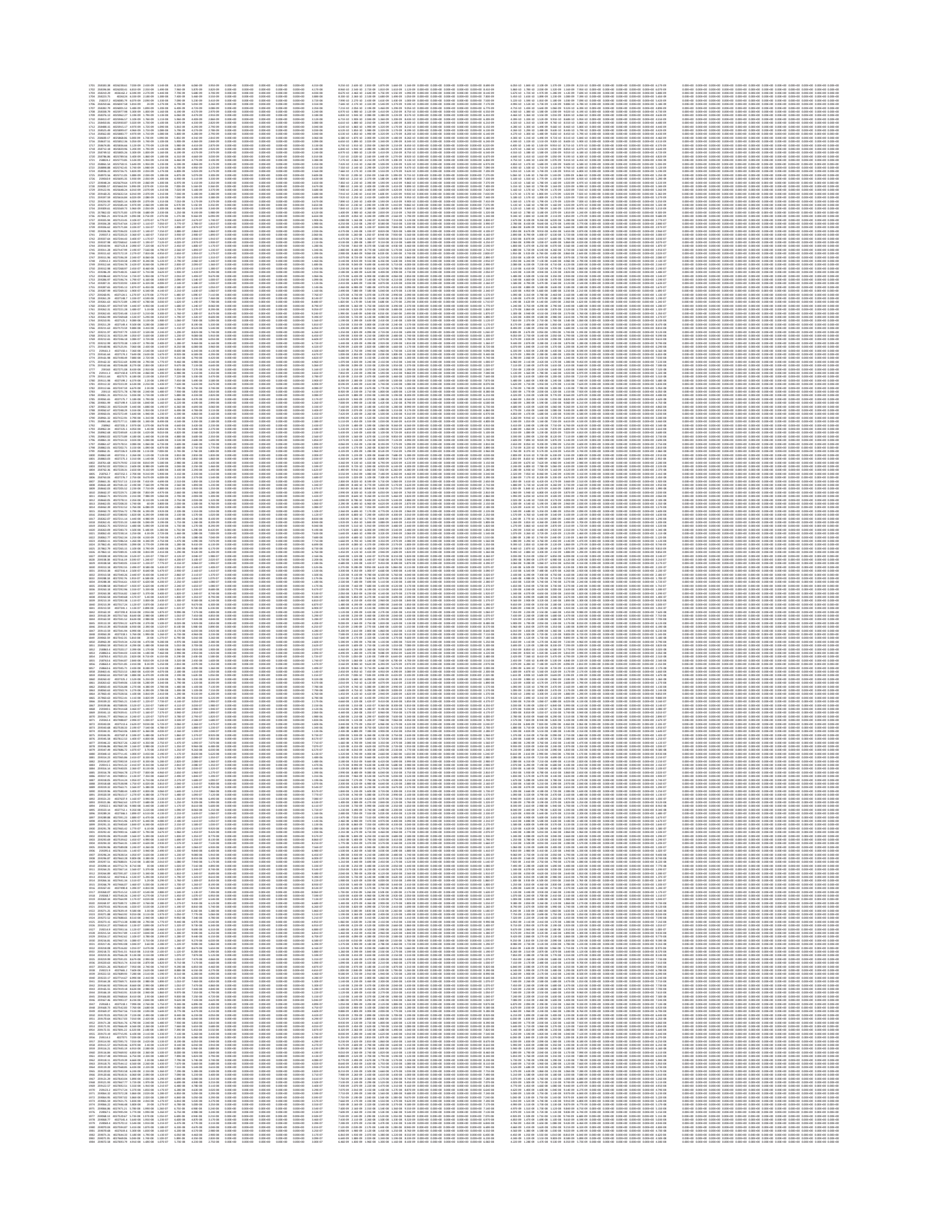
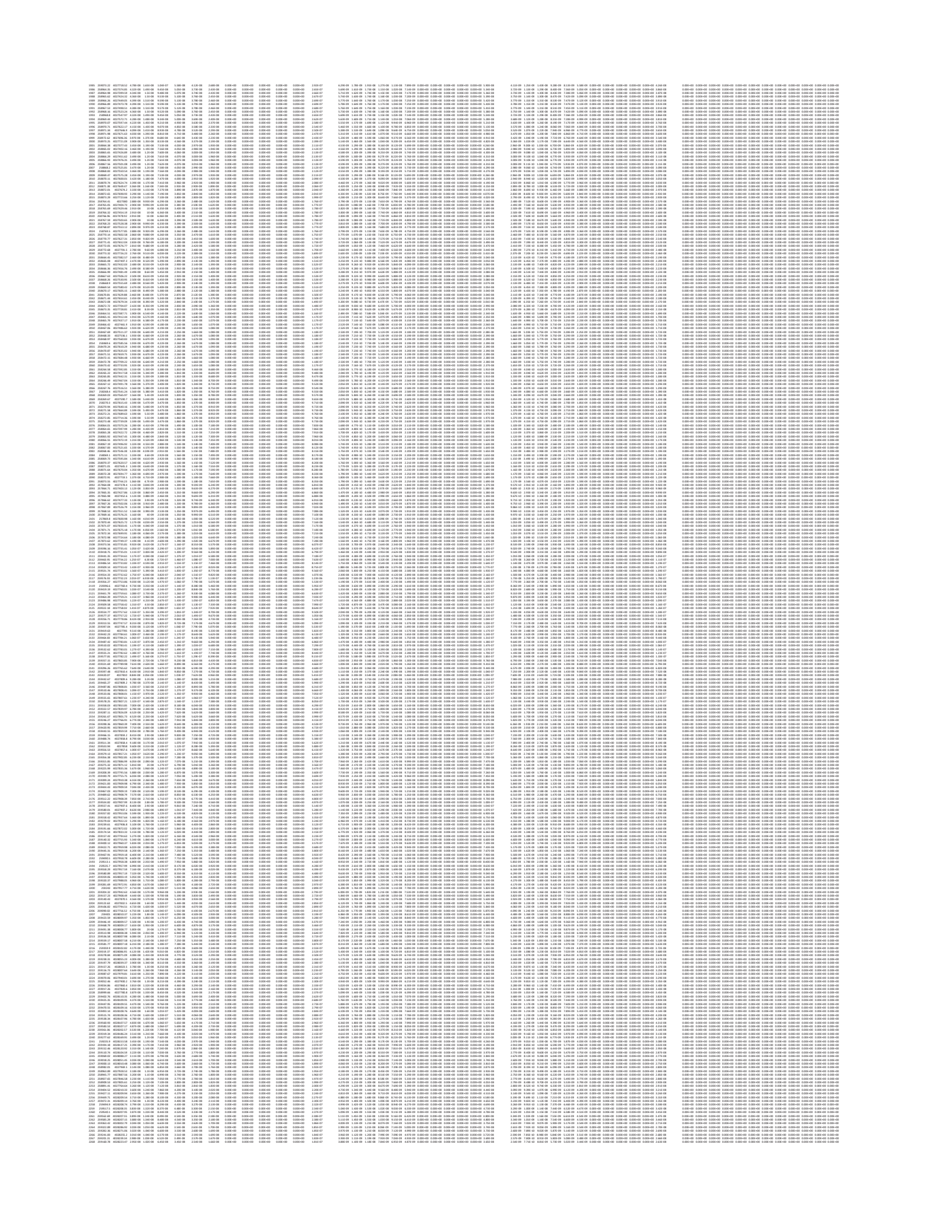


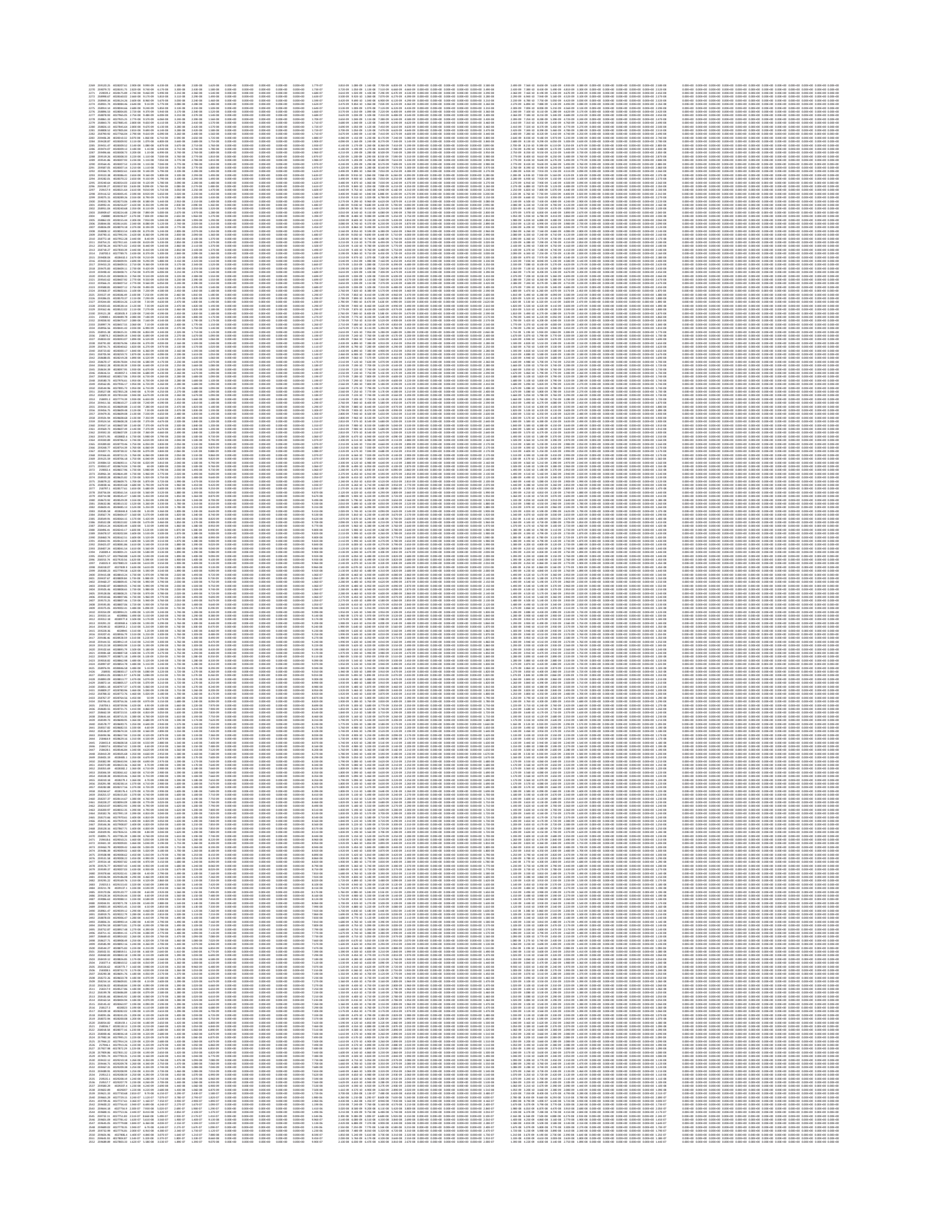


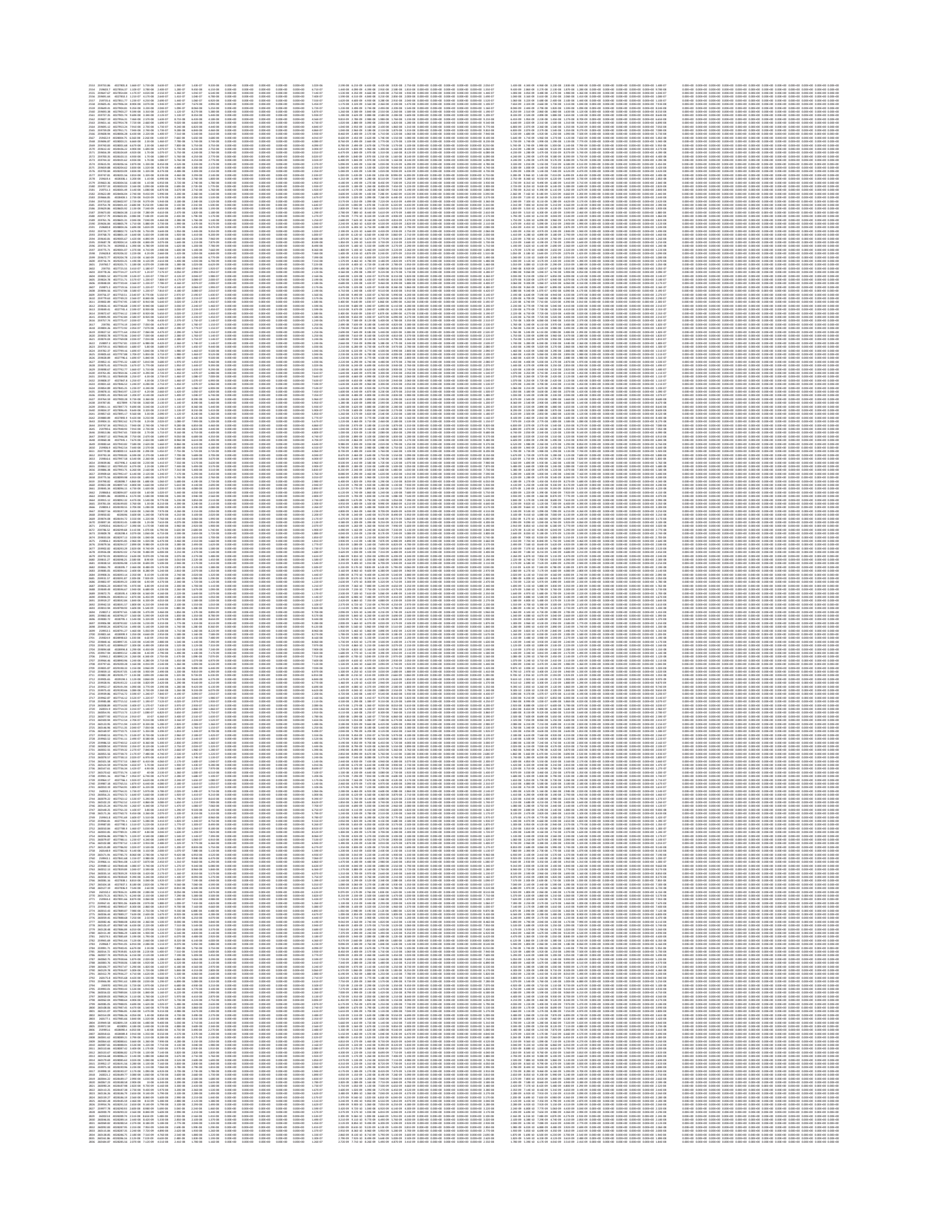


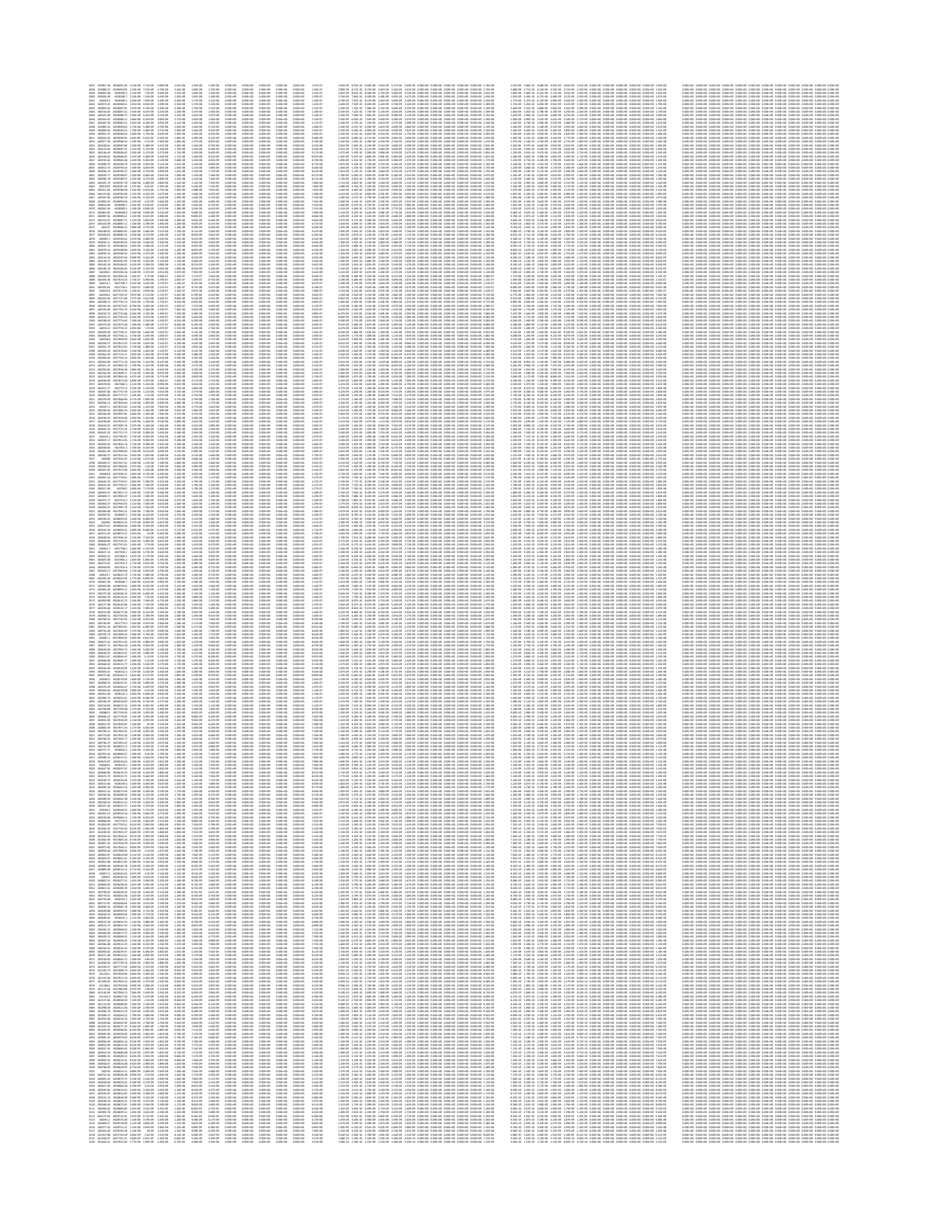


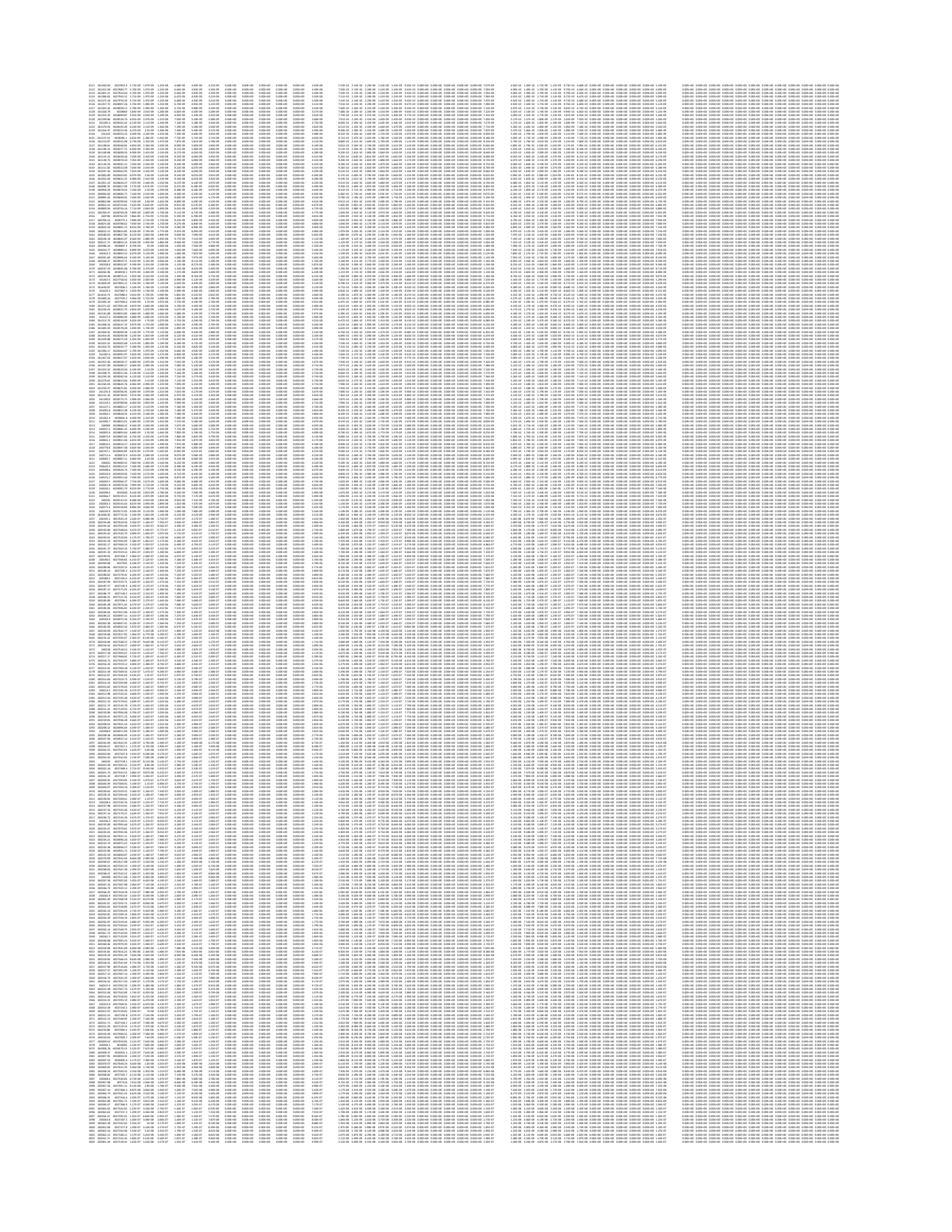


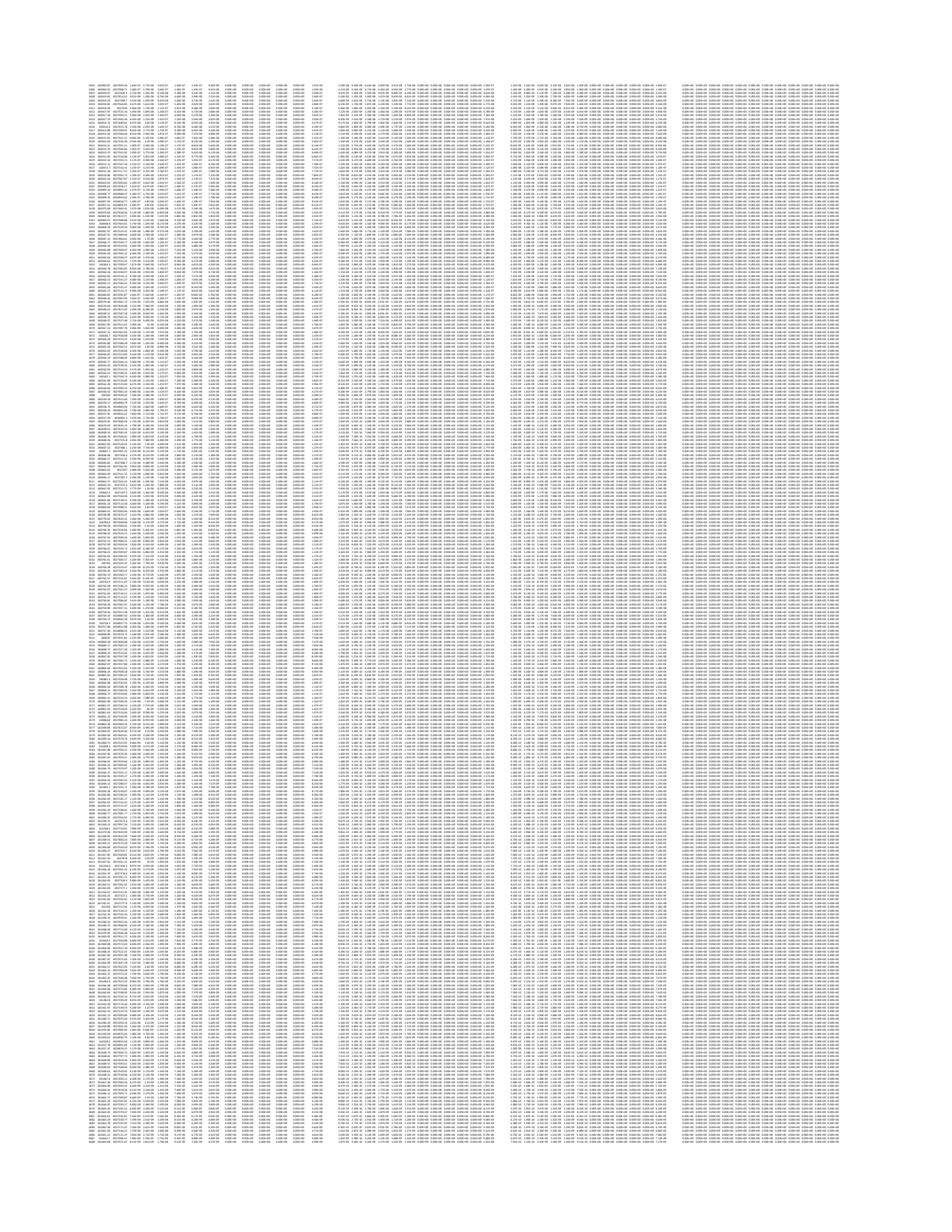


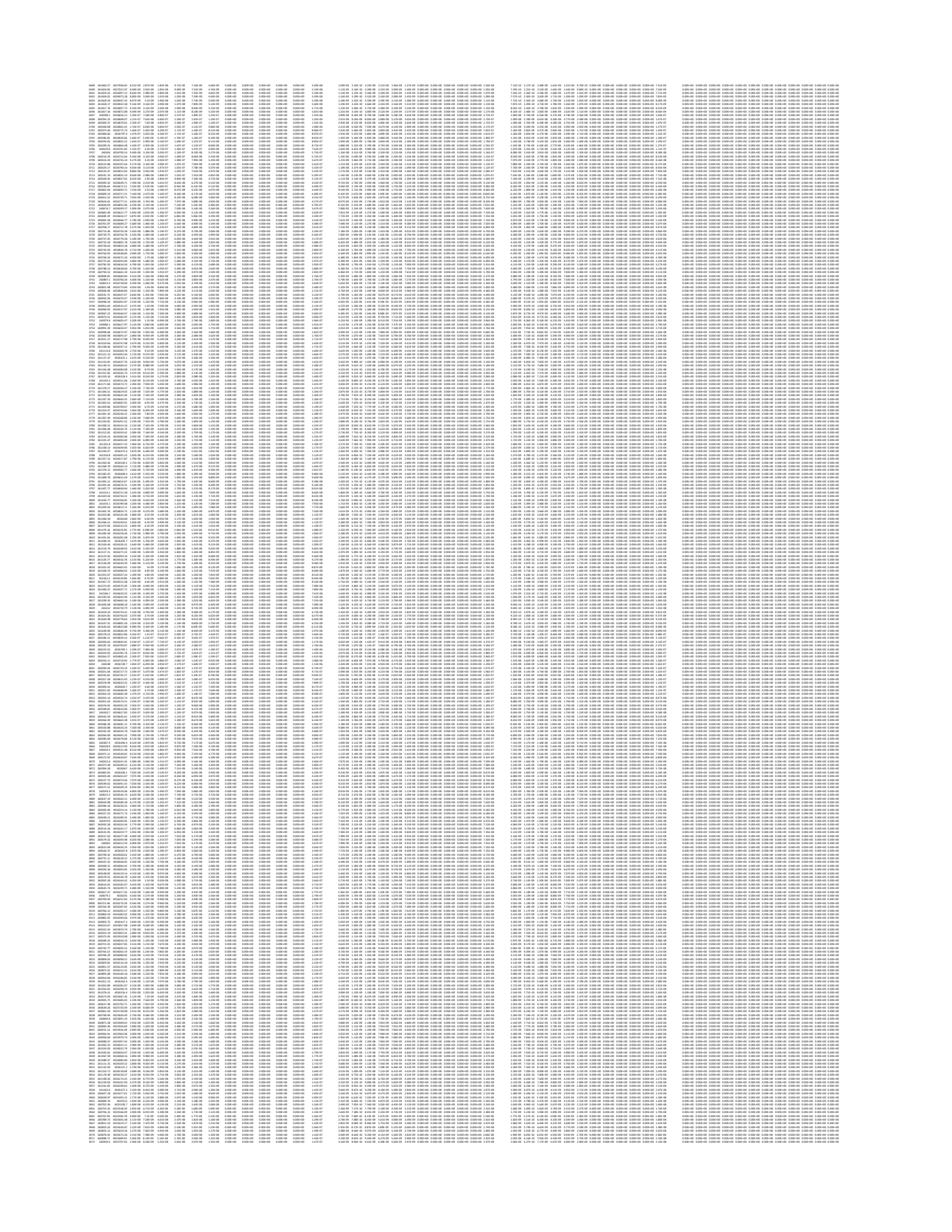






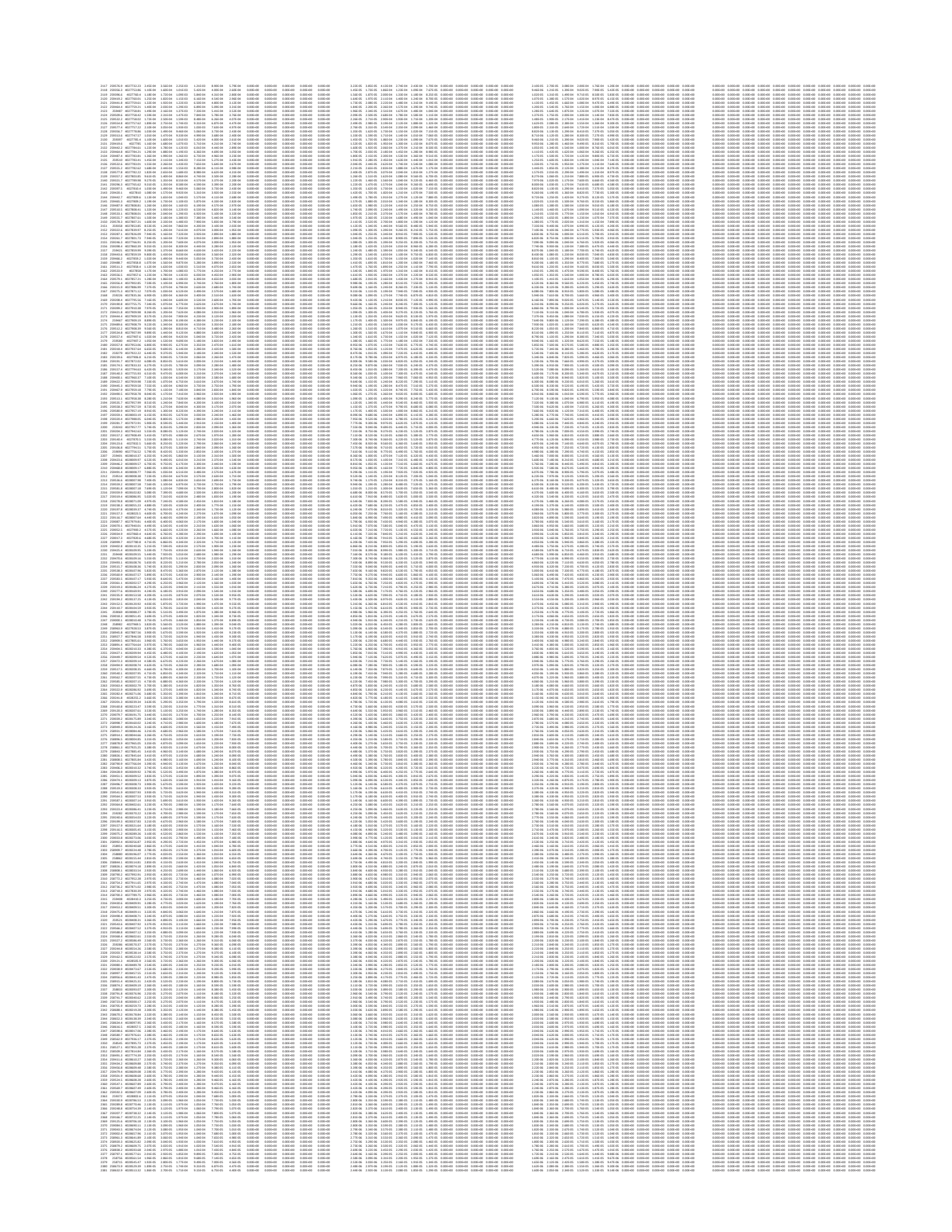


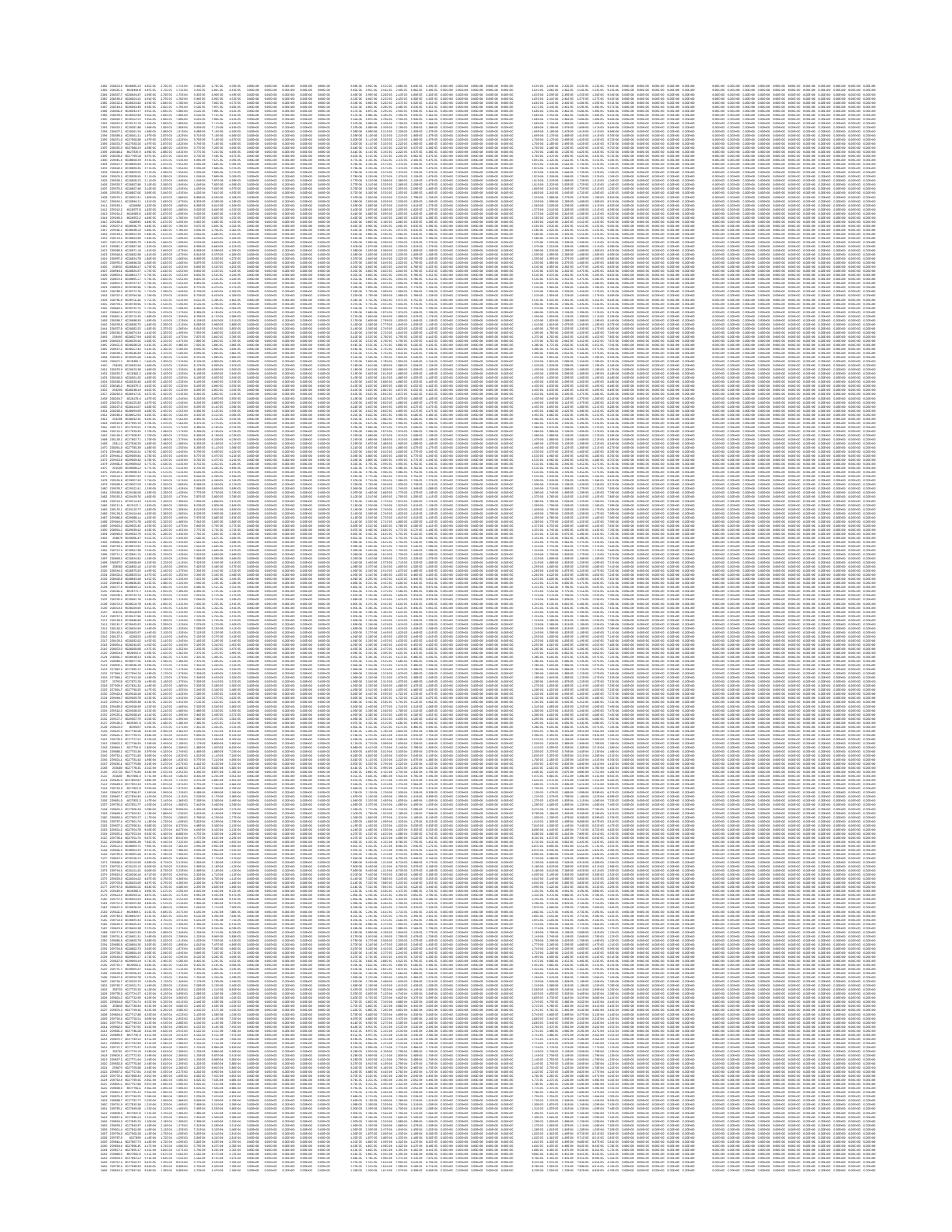


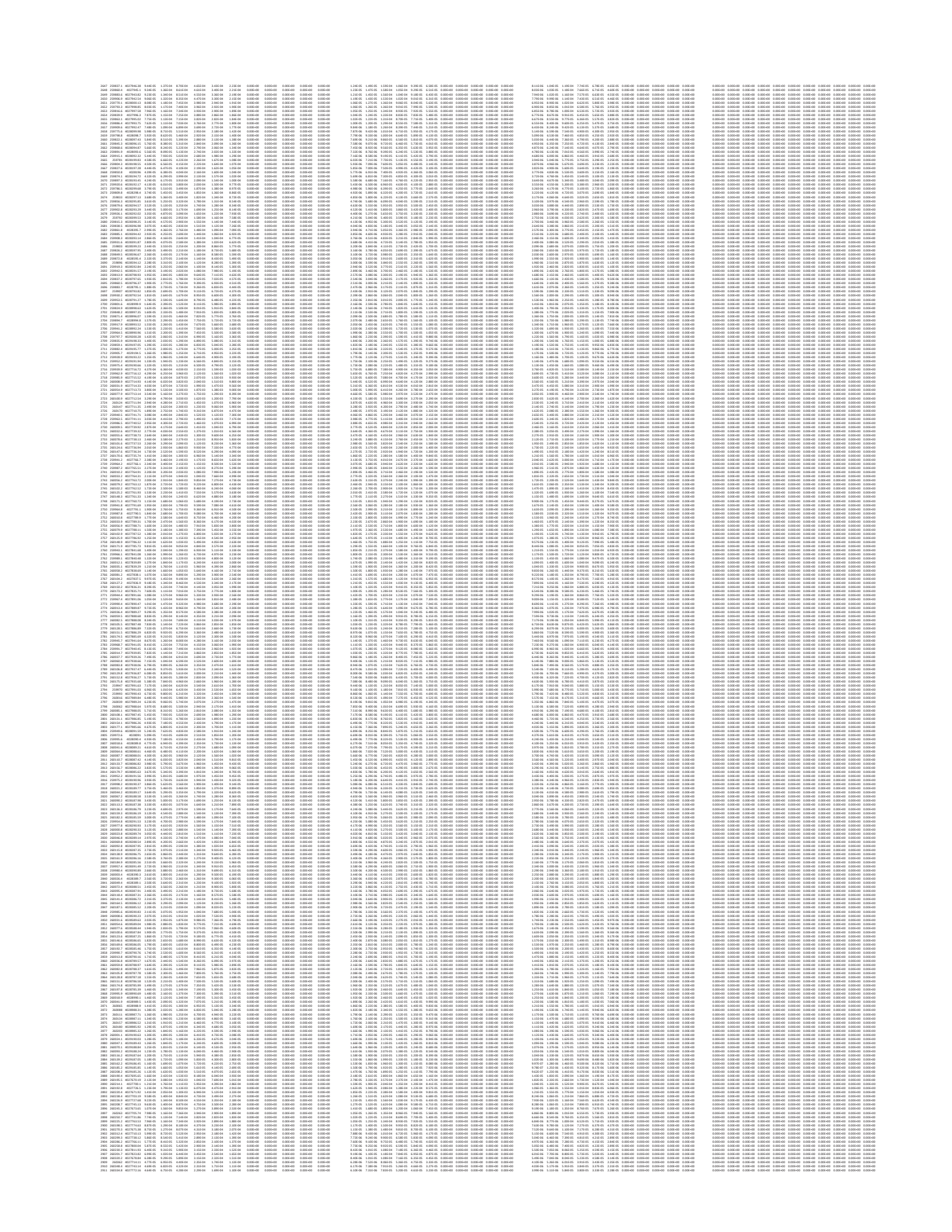


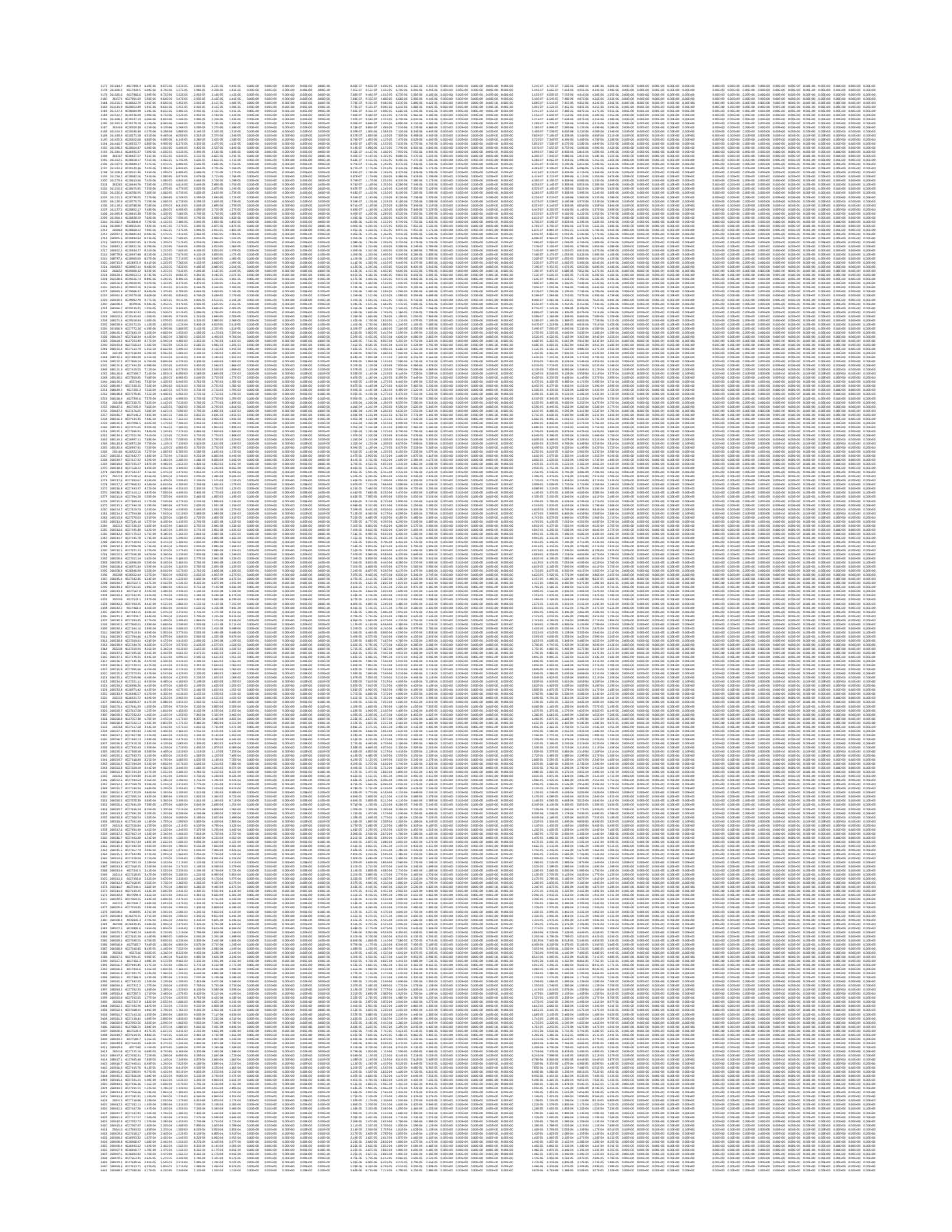
| | | |

	UnMitigated											T2											T2s1											T4										
	1062	2647719.85	4025780.66																																								
	3.18E-05	4.62E-05	2.93E-04	1.57E-04	1.16E-04	7.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-06	5.00E-06	5.36E-05	3.56E-05	3.16E-05	2.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-06	3.50E-06	4.00E-05	2.40E-05	2.28E-05	1.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Yr 7	Yr 8	Yr 9	Yr 10	Yr 11









					1069	
			1062	260719.80	4025789.48	
	Max Yr	**3**	UnMitigated	T2	T2L3	T4
	Row	**34**	1.46E-03	2.68E-04	2.00E-04	0.00E+00
		Col	**3**	**4**	**5**	**6**
		Adjustment	**100%**	**18%**	**14%**	**0%**
			Year 3	Year 3	Year 3	Year 3
1	260122.9	4026867.29	3.36E-02	6.16E-03	4.60E-03	0.00E+00
2	260099.7	4026867.81	3.40E-02	6.23E-03	4.65E-03	0.00E+00
3	260076.5	4026868.33	3.33E-02	6.09E-03	4.55E-03	0.00E+00
4	260053.3	4026868.85	3.25E-02	5.96E-03	4.45E-03	0.00E+00
5	260030.1	4026869.37	3.11E-02	5.70E-03	4.25E-03	0.00E+00
6	260006.9	4026869.89	2.83E-02	5.17E-03	3.86E-03	0.00E+00
7	259983.8	4026870.42	2.36E-02	4.31E-03	3.22E-03	0.00E+00
8	259960.6	4026870.94	1.94E-02	3.55E-03	2.65E-03	0.00E+00
9	260145.5	4026841.77	2.40E-02	4.39E-03	3.28E-03	0.00E+00
10	260122.3	4026842.29	2.44E-02	4.46E-03	3.33E-03	0.00E+00
11	260099.1	4026842.82	2.43E-02	4.44E-03	3.32E-03	0.00E+00
12	260075.9	4026843.34	2.36E-02	4.32E-03	3.22E-03	0.00E+00
13	260052.8	4026843.86	2.27E-02	4.16E-03	3.11E-03	0.00E+00
14	260029.6	4026844.38	2.13E-02	3.90E-03	2.91E-03	0.00E+00
15	260006.4	4026844.9	1.93E-02	3.54E-03	2.64E-03	0.00E+00
16	259983.2	4026845.42	1.73E-02	3.16E-03	2.36E-03	0.00E+00
17	259960	4026845.94	1.60E-02	2.92E-03	2.18E-03	0.00E+00
18	260157.7	4026818.69	1.92E-02	3.52E-03	2.62E-03	0.00E+00
19	260121.8	4026817.3	1.91E-02	3.49E-03	2.61E-03	0.00E+00
20	260098.6	4026817.82	1.88E-02	3.45E-03	2.57E-03	0.00E+00
21	260075.4	4026818.34	1.82E-02	3.33E-03	2.49E-03	0.00E+00
22	260052.2	4026818.86	1.74E-02	3.18E-03	2.38E-03	0.00E+00
23	260029	4026819.39	1.63E-02	2.99E-03	2.23E-03	0.00E+00
24	260005.8	4026819.91	1.52E-02	2.78E-03	2.08E-03	0.00E+00
25	259982.6	4026820.43	1.43E-02	2.62E-03	1.96E-03	0.00E+00
26	259959.4	4026820.95	1.38E-02	2.53E-03	1.89E-03	0.00E+00
27	260161.3	4026794.34	1.60E-02	2.93E-03	2.19E-03	0.00E+00
28	260121.2	4026792.31	1.56E-02	2.86E-03	2.13E-03	0.00E+00
29	260098	4026792.83	1.53E-02	2.80E-03	2.09E-03	0.00E+00
30	260074.8	4026793.35	1.48E-02	2.71E-03	2.02E-03	0.00E+00
31	260051.6	4026793.87	1.42E-02	2.59E-03	1.93E-03	0.00E+00
32	260028.5	4026794.39	1.35E-02	2.47E-03	1.84E-03	0.00E+00
33	260005.3	4026794.91	1.29E-02	2.35E-03	1.76E-03	0.00E+00
34	259982.1	4026795.43	1.25E-02	2.28E-03	1.70E-03	0.00E+00
35	259958.9	4026795.96	1.23E-02	2.26E-03	1.68E-03	0.00E+00
36	260160.2	4026744.35	1.18E-02	2.16E-03	1.61E-03	0.00E+00
37	260120.1	4026742.32	1.14E-02	2.08E-03	1.55E-03	0.00E+00
38	260096.9	4026742.84	1.11E-02	2.03E-03	1.52E-03	0.00E+00
39	260073.7	4026743.36	1.08E-02	1.98E-03	1.48E-03	0.00E+00
40	260050.5	4026743.88	1.05E-02	1.92E-03	1.44E-03	0.00E+00

41	260027.3	4026744.4	1.03E-02	1.88E-03	1.40E-03	0.00E+00
42	260004.1	4026744.93	1.01E-02	1.85E-03	1.38E-03	0.00E+00
43	259981	4026745.45	1.00E-02	1.84E-03	1.37E-03	0.00E+00
44	259957.8	4026745.97	1.01E-02	1.85E-03	1.38E-03	0.00E+00
45	260164.7	4026695.21	9.29E-03	1.70E-03	1.27E-03	0.00E+00
46	260187.3	4026698.62	9.50E-03	1.74E-03	1.30E-03	0.00E+00
47	260142.1	4026691.81	9.01E-03	1.65E-03	1.23E-03	0.00E+00
48	260119	4026692.33	8.86E-03	1.62E-03	1.21E-03	0.00E+00
49	260095.8	4026692.85	8.71E-03	1.60E-03	1.19E-03	0.00E+00
50	260072.6	4026693.37	8.59E-03	1.57E-03	1.17E-03	0.00E+00
51	260049.4	4026693.9	8.47E-03	1.55E-03	1.16E-03	0.00E+00
52	260026.2	4026694.42	8.38E-03	1.53E-03	1.14E-03	0.00E+00
53	260003	4026694.94	8.34E-03	1.53E-03	1.14E-03	0.00E+00
54	259979.8	4026695.46	8.35E-03	1.53E-03	1.14E-03	0.00E+00
55	259956.6	4026695.98	8.41E-03	1.54E-03	1.15E-03	0.00E+00
56	260162.2	4026645.01	7.56E-03	1.38E-03	1.03E-03	0.00E+00
57	260204.5	4026651.4	7.85E-03	1.44E-03	1.07E-03	0.00E+00
58	260117.8	4026642.34	7.29E-03	1.34E-03	9.97E-04	0.00E+00
59	260094.6	4026642.87	7.21E-03	1.32E-03	9.86E-04	0.00E+00
60	260071.5	4026643.39	7.14E-03	1.31E-03	9.76E-04	0.00E+00
61	260048.3	4026643.91	7.09E-03	1.30E-03	9.69E-04	0.00E+00
62	260025.1	4026644.43	7.06E-03	1.29E-03	9.64E-04	0.00E+00
63	260001.9	4026644.95	7.05E-03	1.29E-03	9.63E-04	0.00E+00
64	259978.7	4026645.47	7.05E-03	1.29E-03	9.63E-04	0.00E+00
65	259955.5	4026645.99	7.06E-03	1.29E-03	9.64E-04	0.00E+00
66	260160.2	4026594.9	6.36E-03	1.16E-03	8.69E-04	0.00E+00
67	260200.9	4026601.03	6.59E-03	1.21E-03	9.00E-04	0.00E+00
68	260116.7	4026592.36	6.17E-03	1.13E-03	8.44E-04	0.00E+00
69	260093.5	4026592.88	6.11E-03	1.12E-03	8.35E-04	0.00E+00
70	260070.3	4026593.4	6.06E-03	1.11E-03	8.28E-04	0.00E+00
71	260047.1	4026593.92	6.03E-03	1.10E-03	8.24E-04	0.00E+00
72	260024	4026594.44	6.00E-03	1.10E-03	8.20E-04	0.00E+00
73	260000.8	4026594.96	5.97E-03	1.09E-03	8.16E-04	0.00E+00
74	259977.6	4026595.48	5.95E-03	1.09E-03	8.13E-04	0.00E+00
75	259954.4	4026596.01	5.91E-03	1.08E-03	8.08E-04	0.00E+00
76	260160.2	4026495.27	4.73E-03	8.67E-04	6.47E-04	0.00E+00
77	260182.8	4026498.67	4.83E-03	8.84E-04	6.60E-04	0.00E+00
78	260205.4	4026502.07	4.91E-03	9.00E-04	6.72E-04	0.00E+00
79	260228	4026505.48	4.99E-03	9.14E-04	6.82E-04	0.00E+00
80	260250.5	4026508.88	5.06E-03	9.26E-04	6.92E-04	0.00E+00
81	260137.6	4026491.86	4.64E-03	8.49E-04	6.34E-04	0.00E+00
82	260114.5	4026492.38	4.59E-03	8.40E-04	6.27E-04	0.00E+00
83	260091.3	4026492.9	4.54E-03	8.31E-04	6.21E-04	0.00E+00
84	260068.1	4026493.42	4.49E-03	8.22E-04	6.14E-04	0.00E+00
85	260044.9	4026493.95	4.43E-03	8.11E-04	6.05E-04	0.00E+00
86	260021.7	4026494.47	4.37E-03	8.01E-04	5.98E-04	0.00E+00
87	259998.5	4026494.99	4.32E-03	7.90E-04	5.90E-04	0.00E+00

88	259975.3	4026495.51	4.25E-03	7.78E-04	5.81E-04	0.00E+00
89	259952.1	4026496.03	4.17E-03	7.64E-04	5.70E-04	0.00E+00
90	260156.6	4026395.08	3.62E-03	6.63E-04	4.95E-04	0.00E+00
91	260198.9	4026401.46	3.77E-03	6.90E-04	5.15E-04	0.00E+00
92	260241.2	4026407.84	3.90E-03	7.14E-04	5.33E-04	0.00E+00
93	260283.6	4026414.23	4.00E-03	7.33E-04	5.47E-04	0.00E+00
94	260112.2	4026392.41	3.49E-03	6.39E-04	4.77E-04	0.00E+00
95	260089	4026392.93	3.43E-03	6.28E-04	4.69E-04	0.00E+00
96	260065.8	4026393.45	3.37E-03	6.17E-04	4.61E-04	0.00E+00
97	260042.6	4026393.97	3.31E-03	6.05E-04	4.52E-04	0.00E+00
98	260019.5	4026394.49	3.24E-03	5.93E-04	4.43E-04	0.00E+00
99	259996.3	4026395.01	3.17E-03	5.80E-04	4.33E-04	0.00E+00
100	259973.1	4026395.54	3.09E-03	5.66E-04	4.22E-04	0.00E+00
101	259949.9	4026396.06	3.00E-03	5.49E-04	4.10E-04	0.00E+00
102	260155.7	4026295.32	2.82E-03	5.16E-04	3.85E-04	0.00E+00
103	260178.3	4026298.72	2.89E-03	5.30E-04	3.95E-04	0.00E+00
104	260200.9	4026302.12	2.96E-03	5.43E-04	4.05E-04	0.00E+00
105	260223.5	4026305.53	3.03E-03	5.55E-04	4.14E-04	0.00E+00
106	260246.1	4026308.93	3.09E-03	5.66E-04	4.23E-04	0.00E+00
107	260268.6	4026312.34	3.15E-03	5.77E-04	4.31E-04	0.00E+00
108	260291.2	4026315.74	3.20E-03	5.86E-04	4.38E-04	0.00E+00
109	260313.8	4026319.15	3.25E-03	5.95E-04	4.44E-04	0.00E+00
110	260133.2	4026291.91	2.74E-03	5.01E-04	3.74E-04	0.00E+00
111	260110	4026292.43	2.68E-03	4.91E-04	3.67E-04	0.00E+00
112	260086.8	4026292.95	2.62E-03	4.80E-04	3.59E-04	0.00E+00
113	260063.6	4026293.48	2.56E-03	4.69E-04	3.50E-04	0.00E+00
114	260040.4	4026294	2.50E-03	4.58E-04	3.42E-04	0.00E+00
115	260017.2	4026294.52	2.43E-03	4.46E-04	3.33E-04	0.00E+00
116	259994	4026295.04	2.37E-03	4.33E-04	3.23E-04	0.00E+00
117	259970.8	4026295.56	2.30E-03	4.20E-04	3.14E-04	0.00E+00
118	259947.7	4026296.08	2.22E-03	4.07E-04	3.04E-04	0.00E+00
119	260152.5	4026195.19	2.21E-03	4.05E-04	3.02E-04	0.00E+00
120	260195.6	4026201.69	2.34E-03	4.29E-04	3.20E-04	0.00E+00
121	260238.7	4026208.18	2.46E-03	4.50E-04	3.36E-04	0.00E+00
122	260281.8	4026214.68	2.56E-03	4.69E-04	3.50E-04	0.00E+00
123	260324.9	4026221.18	2.65E-03	4.86E-04	3.62E-04	0.00E+00
124	260107.7	4026192.46	2.09E-03	3.83E-04	2.86E-04	0.00E+00
125	260084.5	4026192.98	2.04E-03	3.74E-04	2.79E-04	0.00E+00
126	260061.3	4026193.5	1.98E-03	3.63E-04	2.71E-04	0.00E+00
127	260038.2	4026194.02	1.93E-03	3.53E-04	2.63E-04	0.00E+00
128	260015	4026194.54	1.87E-03	3.42E-04	2.55E-04	0.00E+00
129	259991.8	4026195.06	1.81E-03	3.31E-04	2.47E-04	0.00E+00
130	259968.6	4026195.59	1.75E-03	3.21E-04	2.39E-04	0.00E+00
131	259945.4	4026196.11	1.69E-03	3.09E-04	2.31E-04	0.00E+00
132	260148.2	4025995.27	1.43E-03	2.61E-04	1.95E-04	0.00E+00
133	260191.7	4026001.84	1.53E-03	2.79E-04	2.09E-04	0.00E+00
134	260235.3	4026008.4	1.62E-03	2.97E-04	2.22E-04	0.00E+00

135	260278.8	4026014.97	1.71E-03	3.13E-04	2.34E-04	0.00E+00
136	260322.4	4026021.53	1.79E-03	3.28E-04	2.45E-04	0.00E+00
137	260365.9	4026028.1	1.86E-03	3.41E-04	2.54E-04	0.00E+00
138	260409.5	4026034.66	1.93E-03	3.53E-04	2.63E-04	0.00E+00
139	260103.2	4025992.51	1.34E-03	2.45E-04	1.83E-04	0.00E+00
140	260080	4025993.03	1.30E-03	2.38E-04	1.78E-04	0.00E+00
141	260056.8	4025993.55	1.26E-03	2.31E-04	1.73E-04	0.00E+00
142	260033.7	4025994.07	1.22E-03	2.24E-04	1.67E-04	0.00E+00
143	260010.5	4025994.59	1.18E-03	2.17E-04	1.62E-04	0.00E+00
144	259987.3	4025995.11	1.14E-03	2.10E-04	1.56E-04	0.00E+00
145	259964.1	4025995.64	1.11E-03	2.03E-04	1.51E-04	0.00E+00
146	259940.9	4025996.16	1.07E-03	1.96E-04	1.46E-04	0.00E+00
147	260143.8	4025795.34	9.87E-04	1.81E-04	1.35E-04	0.00E+00
148	260187.7	4025801.95	1.05E-03	1.93E-04	1.44E-04	0.00E+00
149	260231.5	4025808.56	1.12E-03	2.06E-04	1.53E-04	0.00E+00
150	260275.3	4025815.17	1.19E-03	2.18E-04	1.63E-04	0.00E+00
151	260319.2	4025821.78	1.26E-03	2.30E-04	1.72E-04	0.00E+00
152	260363	4025828.38	1.32E-03	2.42E-04	1.80E-04	0.00E+00
153	260406.8	4025834.99	1.38E-03	2.52E-04	1.88E-04	0.00E+00
154	260450.7	4025841.6	1.43E-03	2.62E-04	1.96E-04	0.00E+00
155	260098.7	4025792.56	9.25E-04	1.69E-04	1.26E-04	0.00E+00
156	260075.5	4025793.08	8.99E-04	1.65E-04	1.23E-04	0.00E+00
157	260052.4	4025793.6	8.72E-04	1.60E-04	1.19E-04	0.00E+00
158	260029.2	4025794.12	8.45E-04	1.55E-04	1.16E-04	0.00E+00
159	260006	4025794.64	8.19E-04	1.50E-04	1.12E-04	0.00E+00
160	259982.8	4025795.17	7.94E-04	1.45E-04	1.09E-04	0.00E+00
161	259959.6	4025795.69	7.71E-04	1.41E-04	1.05E-04	0.00E+00
162	259936.4	4025796.21	7.47E-04	1.37E-04	1.02E-04	0.00E+00
163	260139.4	4025595.41	7.24E-04	1.33E-04	9.90E-05	0.00E+00
164	260183.5	4025602.05	7.70E-04	1.41E-04	1.05E-04	0.00E+00
165	260227.5	4025608.68	8.18E-04	1.50E-04	1.12E-04	0.00E+00
166	260271.5	4025615.32	8.68E-04	1.59E-04	1.19E-04	0.00E+00
167	260315.6	4025621.96	9.18E-04	1.68E-04	1.25E-04	0.00E+00
168	260359.6	4025628.6	9.66E-04	1.77E-04	1.32E-04	0.00E+00
169	260403.6	4025635.24	1.01E-03	1.86E-04	1.39E-04	0.00E+00
170	260447.7	4025641.88	1.06E-03	1.94E-04	1.45E-04	0.00E+00
171	260491.7	4025648.51	1.10E-03	2.02E-04	1.51E-04	0.00E+00
172	260535.7	4025655.15	1.14E-03	2.10E-04	1.56E-04	0.00E+00
173	260094.2	4025592.61	6.82E-04	1.25E-04	9.33E-05	0.00E+00
174	260071	4025593.13	6.63E-04	1.21E-04	9.06E-05	0.00E+00
175	260047.9	4025593.65	6.45E-04	1.18E-04	8.81E-05	0.00E+00
176	260024.7	4025594.17	6.27E-04	1.15E-04	8.57E-05	0.00E+00
177	260001.5	4025594.69	6.10E-04	1.12E-04	8.34E-05	0.00E+00
178	259978.3	4025595.22	5.94E-04	1.09E-04	8.11E-05	0.00E+00
179	259955.1	4025595.74	5.77E-04	1.06E-04	7.89E-05	0.00E+00
180	259931.9	4025596.26	5.61E-04	1.03E-04	7.67E-05	0.00E+00
181	260135	4025395.47	5.62E-04	1.03E-04	7.68E-05	0.00E+00

182	260179.2	4025402.13	5.96E-04	1.09E-04	8.14E-05	0.00E+00
183	260223.4	4025408.79	6.31E-04	1.16E-04	8.62E-05	0.00E+00
184	260267.5	4025415.45	6.66E-04	1.22E-04	9.11E-05	0.00E+00
185	260311.7	4025422.11	7.02E-04	1.29E-04	9.60E-05	0.00E+00
186	260355.9	4025428.77	7.38E-04	1.35E-04	1.01E-04	0.00E+00
187	260400.1	4025435.43	7.74E-04	1.42E-04	1.06E-04	0.00E+00
188	260444.3	4025442.09	8.08E-04	1.48E-04	1.10E-04	0.00E+00
189	260488.4	4025448.75	8.43E-04	1.54E-04	1.15E-04	0.00E+00
190	260532.6	4025455.41	8.78E-04	1.61E-04	1.20E-04	0.00E+00
191	260576.8	4025462.07	9.12E-04	1.67E-04	1.25E-04	0.00E+00
192	260089.7	4025392.66	5.32E-04	9.75E-05	7.27E-05	0.00E+00
193	260066.5	4025393.18	5.19E-04	9.49E-05	7.09E-05	0.00E+00
194	260043.4	4025393.7	5.06E-04	9.26E-05	6.91E-05	0.00E+00
195	260020.2	4025394.22	4.93E-04	9.03E-05	6.74E-05	0.00E+00
196	259997	4025394.75	4.81E-04	8.80E-05	6.57E-05	0.00E+00
197	259973.8	4025395.27	4.69E-04	8.58E-05	6.41E-05	0.00E+00
198	259950.6	4025395.79	4.57E-04	8.37E-05	6.24E-05	0.00E+00
199	259927.4	4025396.31	4.46E-04	8.16E-05	6.09E-05	0.00E+00
200	259936.5	4026919.72	2.54E-02	4.66E-03	3.47E-03	0.00E+00
201	259936.9	4026943.08	2.96E-02	5.42E-03	4.05E-03	0.00E+00
202	259937.3	4026966.44	3.43E-02	6.27E-03	4.68E-03	0.00E+00
203	259937.7	4026989.8	4.03E-02	7.37E-03	5.50E-03	0.00E+00
204	259938.1	4027013.16	4.92E-02	9.01E-03	6.73E-03	0.00E+00
205	259918.1	4026879.03	1.81E-02	3.31E-03	2.47E-03	0.00E+00
206	259911.5	4026920.14	2.25E-02	4.12E-03	3.08E-03	0.00E+00
207	259911.9	4026943.51	2.58E-02	4.72E-03	3.52E-03	0.00E+00
208	259912.3	4026966.87	2.99E-02	5.47E-03	4.08E-03	0.00E+00
209	259912.7	4026990.23	3.55E-02	6.50E-03	4.85E-03	0.00E+00
210	259913.1	4027013.59	4.43E-02	8.12E-03	6.06E-03	0.00E+00
211	259893.1	4026879.46	1.80E-02	3.30E-03	2.46E-03	0.00E+00
212	259924.5	4026836.29	1.47E-02	2.69E-03	2.01E-03	0.00E+00
213	259886.5	4026920.57	2.18E-02	3.99E-03	2.98E-03	0.00E+00
214	259886.9	4026943.93	2.46E-02	4.50E-03	3.36E-03	0.00E+00
215	259887.3	4026967.29	2.83E-02	5.18E-03	3.86E-03	0.00E+00
216	259887.7	4026990.66	3.38E-02	6.19E-03	4.62E-03	0.00E+00
217	259888.1	4027014.02	4.27E-02	7.83E-03	5.84E-03	0.00E+00
218	259868.1	4026879.88	1.86E-02	3.41E-03	2.55E-03	0.00E+00
219	259882.1	4026844.38	1.58E-02	2.90E-03	2.16E-03	0.00E+00
220	259906.5	4026818.96	1.38E-02	2.53E-03	1.89E-03	0.00E+00
221	259861.5	4026921	2.22E-02	4.06E-03	3.03E-03	0.00E+00
222	259861.9	4026944.36	2.46E-02	4.51E-03	3.37E-03	0.00E+00
223	259862.3	4026967.72	2.81E-02	5.14E-03	3.84E-03	0.00E+00
224	259862.7	4026991.08	3.33E-02	6.10E-03	4.55E-03	0.00E+00
225	259863.1	4027014.44	4.25E-02	7.79E-03	5.81E-03	0.00E+00
226	259819.5	4026877.19	2.20E-02	4.02E-03	3.00E-03	0.00E+00
227	259827.9	4026855.88	1.93E-02	3.53E-03	2.64E-03	0.00E+00
228	259836.3	4026834.58	1.70E-02	3.11E-03	2.32E-03	0.00E+00

229	259844.6	4026813.28	1.51E-02	2.76E-03	2.06E-03	0.00E+00
230	259873.9	4026782.78	1.25E-02	2.29E-03	1.71E-03	0.00E+00
231	259894.9	4026773.58	1.17E-02	2.15E-03	1.60E-03	0.00E+00
232	259915.9	4026764.37	1.11E-02	2.03E-03	1.52E-03	0.00E+00
233	259936.8	4026755.17	1.06E-02	1.93E-03	1.44E-03	0.00E+00
234	259811.6	4026921.85	2.64E-02	4.84E-03	3.61E-03	0.00E+00
235	259812	4026945.21	2.82E-02	5.16E-03	3.85E-03	0.00E+00
236	259812.4	4026968.57	3.08E-02	5.64E-03	4.21E-03	0.00E+00
237	259812.8	4026991.93	3.54E-02	6.48E-03	4.84E-03	0.00E+00
238	259813.1	4027015.3	4.32E-02	7.91E-03	5.91E-03	0.00E+00
239	259769.1	4026879.05	3.02E-02	5.54E-03	4.13E-03	0.00E+00
240	259785.1	4026838.48	2.01E-02	3.69E-03	2.75E-03	0.00E+00
241	259801	4026797.9	1.50E-02	2.74E-03	2.04E-03	0.00E+00
242	259836.9	4026748.57	1.11E-02	2.03E-03	1.52E-03	0.00E+00
243	259876.8	4026731.04	9.99E-03	1.83E-03	1.37E-03	0.00E+00
244	259916.7	4026713.51	9.12E-03	1.67E-03	1.25E-03	0.00E+00
245	259718.9	4026880.47	3.38E-02	6.19E-03	4.62E-03	0.00E+00
246	259734.4	4026841.02	2.15E-02	3.94E-03	2.94E-03	0.00E+00
247	259749.9	4026801.57	1.56E-02	2.85E-03	2.13E-03	0.00E+00
248	259765.4	4026762.13	1.20E-02	2.19E-03	1.63E-03	0.00E+00
249	259800.3	4026714.16	9.22E-03	1.69E-03	1.26E-03	0.00E+00
250	259839.1	4026697.12	8.60E-03	1.57E-03	1.18E-03	0.00E+00
251	259877.9	4026680.08	8.05E-03	1.47E-03	1.10E-03	0.00E+00
252	259916.7	4026663.03	7.53E-03	1.38E-03	1.03E-03	0.00E+00
253	259669.5	4026879.74	3.27E-02	5.99E-03	4.47E-03	0.00E+00
254	259677.9	4026858.44	2.49E-02	4.56E-03	3.41E-03	0.00E+00
255	259686.3	4026837.14	2.01E-02	3.67E-03	2.74E-03	0.00E+00
256	259694.6	4026815.84	1.67E-02	3.05E-03	2.28E-03	0.00E+00
257	259703	4026794.54	1.41E-02	2.59E-03	1.93E-03	0.00E+00
258	259711.4	4026773.24	1.22E-02	2.23E-03	1.66E-03	0.00E+00
259	259719.8	4026751.94	1.06E-02	1.95E-03	1.45E-03	0.00E+00
260	259728.1	4026730.63	9.36E-03	1.71E-03	1.28E-03	0.00E+00
261	259736.5	4026709.33	8.32E-03	1.52E-03	1.14E-03	0.00E+00
262	259765.8	4026678.83	7.33E-03	1.34E-03	1.00E-03	0.00E+00
263	259786.8	4026669.63	7.20E-03	1.32E-03	9.83E-04	0.00E+00
264	259807.7	4026660.42	7.05E-03	1.29E-03	9.63E-04	0.00E+00
265	259828.7	4026651.22	6.90E-03	1.26E-03	9.43E-04	0.00E+00
266	259849.6	4026642.02	6.74E-03	1.23E-03	9.21E-04	0.00E+00
267	259870.6	4026632.82	6.57E-03	1.20E-03	8.99E-04	0.00E+00
268	259891.5	4026623.61	6.40E-03	1.17E-03	8.75E-04	0.00E+00
269	259912.5	4026614.41	6.23E-03	1.14E-03	8.52E-04	0.00E+00
270	259933.4	4026605.21	6.07E-03	1.11E-03	8.29E-04	0.00E+00
271	259569.2	4026882.46	2.87E-02	5.25E-03	3.92E-03	0.00E+00
272	259585.1	4026841.89	1.74E-02	3.19E-03	2.38E-03	0.00E+00
273	259601	4026801.31	1.18E-02	2.15E-03	1.61E-03	0.00E+00
274	259617	4026760.74	8.67E-03	1.59E-03	1.19E-03	0.00E+00
275	259632.9	4026720.17	6.83E-03	1.25E-03	9.34E-04	0.00E+00

276	259648.9	4026679.59	5.54E-03	1.01E-03	7.57E-04	0.00E+00
277	259664.8	4026639.02	4.58E-03	8.39E-04	6.26E-04	0.00E+00
278	259692.7	4026609.97	4.29E-03	7.85E-04	5.86E-04	0.00E+00
279	259732.6	4026592.44	4.38E-03	8.03E-04	5.99E-04	0.00E+00
280	259772.5	4026574.91	4.43E-03	8.11E-04	6.05E-04	0.00E+00
281	259812.5	4026557.38	4.42E-03	8.10E-04	6.05E-04	0.00E+00
282	259852.4	4026539.85	4.39E-03	8.03E-04	5.99E-04	0.00E+00
283	259892.3	4026522.32	4.32E-03	7.90E-04	5.90E-04	0.00E+00
284	259485.8	4026841.8	9.20E-03	1.68E-03	1.26E-03	0.00E+00
285	259502.2	4026800.04	6.75E-03	1.24E-03	9.22E-04	0.00E+00
286	259518.6	4026758.27	5.28E-03	9.68E-04	7.22E-04	0.00E+00
287	259535	4026716.5	4.38E-03	8.01E-04	5.98E-04	0.00E+00
288	259543.2	4026695.62	4.02E-03	7.35E-04	5.49E-04	0.00E+00
289	259559.6	4026653.85	3.42E-03	6.26E-04	4.67E-04	0.00E+00
290	259576.1	4026612.08	2.95E-03	5.39E-04	4.03E-04	0.00E+00
291	259592.5	4026570.32	2.59E-03	4.75E-04	3.54E-04	0.00E+00
292	259621.2	4026540.41	2.49E-03	4.55E-04	3.40E-04	0.00E+00
293	259662.3	4026522.37	2.62E-03	4.79E-04	3.58E-04	0.00E+00
294	259703.4	4026504.32	2.75E-03	5.03E-04	3.76E-04	0.00E+00
295	259744.5	4026486.28	2.86E-03	5.23E-04	3.90E-04	0.00E+00
296	259785.6	4026468.23	2.94E-03	5.38E-04	4.02E-04	0.00E+00
297	259826.6	4026450.19	2.99E-03	5.48E-04	4.09E-04	0.00E+00
298	259867.7	4026432.14	3.02E-03	5.52E-04	4.12E-04	0.00E+00
299	259888.3	4026423.12	3.02E-03	5.53E-04	4.13E-04	0.00E+00
300	259378	4026863.56	4.84E-03	8.86E-04	6.61E-04	0.00E+00
301	259386.3	4026842.26	4.44E-03	8.13E-04	6.07E-04	0.00E+00
302	259394.7	4026820.95	4.07E-03	7.45E-04	5.56E-04	0.00E+00
303	259403.1	4026799.65	3.75E-03	6.87E-04	5.12E-04	0.00E+00
304	259411.4	4026778.35	3.47E-03	6.35E-04	4.74E-04	0.00E+00
305	259419.8	4026757.05	3.21E-03	5.88E-04	4.39E-04	0.00E+00
306	259428.2	4026735.75	2.98E-03	5.46E-04	4.08E-04	0.00E+00
307	259436.5	4026714.45	2.78E-03	5.09E-04	3.80E-04	0.00E+00
308	259444.9	4026693.15	2.61E-03	4.77E-04	3.56E-04	0.00E+00
309	259453.3	4026671.84	2.46E-03	4.50E-04	3.36E-04	0.00E+00
310	259461.6	4026650.54	2.32E-03	4.25E-04	3.17E-04	0.00E+00
311	259470	4026629.24	2.20E-03	4.03E-04	3.01E-04	0.00E+00
312	259478.4	4026607.94	2.09E-03	3.82E-04	2.85E-04	0.00E+00
313	259486.7	4026586.64	1.98E-03	3.63E-04	2.71E-04	0.00E+00
314	259495.1	4026565.34	1.89E-03	3.45E-04	2.58E-04	0.00E+00
315	259503.5	4026544.04	1.80E-03	3.29E-04	2.46E-04	0.00E+00
316	259511.8	4026522.74	1.71E-03	3.14E-04	2.34E-04	0.00E+00
317	259520.2	4026501.43	1.64E-03	3.00E-04	2.24E-04	0.00E+00
318	259549.5	4026470.93	1.60E-03	2.93E-04	2.19E-04	0.00E+00
319	259570.5	4026461.73	1.63E-03	2.99E-04	2.23E-04	0.00E+00
320	259591.4	4026452.53	1.67E-03	3.06E-04	2.28E-04	0.00E+00
321	259612.4	4026443.32	1.71E-03	3.14E-04	2.34E-04	0.00E+00
322	259633.3	4026434.12	1.76E-03	3.23E-04	2.41E-04	0.00E+00

323	259654.3	4026424.92	1.81E-03	3.32E-04	2.48E-04	0.00E+00
324	259675.2	4026415.71	1.86E-03	3.41E-04	2.54E-04	0.00E+00
325	259696.2	4026406.51	1.90E-03	3.49E-04	2.60E-04	0.00E+00
326	259717.2	4026397.31	1.95E-03	3.56E-04	2.66E-04	0.00E+00
327	259738.1	4026388.11	1.99E-03	3.64E-04	2.72E-04	0.00E+00
328	259759.1	4026378.9	2.02E-03	3.71E-04	2.77E-04	0.00E+00
329	259780	4026369.7	2.06E-03	3.77E-04	2.81E-04	0.00E+00
330	259801	4026360.5	2.09E-03	3.83E-04	2.86E-04	0.00E+00
331	259821.9	4026351.3	2.12E-03	3.88E-04	2.89E-04	0.00E+00
332	259842.9	4026342.09	2.14E-03	3.92E-04	2.93E-04	0.00E+00
333	259863.8	4026332.89	2.16E-03	3.96E-04	2.95E-04	0.00E+00
334	259884.8	4026323.69	2.18E-03	3.99E-04	2.98E-04	0.00E+00
335	259905.7	4026314.49	2.20E-03	4.02E-04	3.00E-04	0.00E+00
336	259926.7	4026305.28	2.21E-03	4.05E-04	3.02E-04	0.00E+00
337	259361.6	4026929.52	6.51E-03	1.19E-03	8.90E-04	0.00E+00
338	259362	4026952.88	7.62E-03	1.39E-03	1.04E-03	0.00E+00
339	259362.4	4026976.24	9.04E-03	1.66E-03	1.24E-03	0.00E+00
340	259362.8	4026999.61	1.12E-02	2.04E-03	1.53E-03	0.00E+00
341	259363.2	4027022.97	1.54E-02	2.82E-03	2.10E-03	0.00E+00
342	259269.7	4026886.25	3.20E-03	5.86E-04	4.37E-04	0.00E+00
343	259278.2	4026864.64	3.05E-03	5.58E-04	4.17E-04	0.00E+00
344	259286.7	4026843.03	2.90E-03	5.30E-04	3.96E-04	0.00E+00
345	259295.2	4026821.42	2.75E-03	5.03E-04	3.75E-04	0.00E+00
346	259303.7	4026799.81	2.59E-03	4.75E-04	3.54E-04	0.00E+00
347	259312.2	4026778.2	2.45E-03	4.48E-04	3.34E-04	0.00E+00
348	259320.7	4026756.59	2.31E-03	4.22E-04	3.15E-04	0.00E+00
349	259329.1	4026734.98	2.18E-03	3.98E-04	2.97E-04	0.00E+00
350	259337.6	4026713.37	2.05E-03	3.76E-04	2.81E-04	0.00E+00
351	259346.1	4026691.76	1.94E-03	3.56E-04	2.65E-04	0.00E+00
352	259354.6	4026670.15	1.84E-03	3.37E-04	2.52E-04	0.00E+00
353	259363.1	4026648.54	1.75E-03	3.21E-04	2.40E-04	0.00E+00
354	259371.6	4026626.93	1.67E-03	3.06E-04	2.29E-04	0.00E+00
355	259380.1	4026605.32	1.60E-03	2.93E-04	2.18E-04	0.00E+00
356	259388.6	4026583.71	1.53E-03	2.81E-04	2.10E-04	0.00E+00
357	259397.1	4026562.1	1.47E-03	2.69E-04	2.01E-04	0.00E+00
358	259405.5	4026540.49	1.41E-03	2.58E-04	1.93E-04	0.00E+00
359	259414	4026518.88	1.35E-03	2.48E-04	1.85E-04	0.00E+00
360	259422.5	4026497.27	1.30E-03	2.38E-04	1.77E-04	0.00E+00
361	259431	4026475.66	1.25E-03	2.28E-04	1.71E-04	0.00E+00
362	259439.5	4026454.05	1.20E-03	2.20E-04	1.64E-04	0.00E+00
363	259448	4026432.44	1.15E-03	2.11E-04	1.58E-04	0.00E+00
364	259477.7	4026401.5	1.13E-03	2.07E-04	1.55E-04	0.00E+00
365	259499	4026392.16	1.15E-03	2.11E-04	1.58E-04	0.00E+00
366	259520.2	4026382.83	1.18E-03	2.16E-04	1.61E-04	0.00E+00
367	259541.5	4026373.49	1.20E-03	2.20E-04	1.65E-04	0.00E+00
368	259562.8	4026364.15	1.23E-03	2.25E-04	1.68E-04	0.00E+00
369	259584	4026354.82	1.26E-03	2.30E-04	1.72E-04	0.00E+00

370	259605.3	4026345.48	1.29E-03	2.35E-04	1.76E-04	0.00E+00
371	259626.5	4026336.15	1.31E-03	2.41E-04	1.80E-04	0.00E+00
372	259647.8	4026326.81	1.34E-03	2.46E-04	1.84E-04	0.00E+00
373	259669.1	4026317.47	1.38E-03	2.52E-04	1.88E-04	0.00E+00
374	259690.3	4026308.14	1.41E-03	2.57E-04	1.92E-04	0.00E+00
375	259711.6	4026298.8	1.44E-03	2.63E-04	1.96E-04	0.00E+00
376	259732.8	4026289.47	1.47E-03	2.69E-04	2.00E-04	0.00E+00
377	259754.1	4026280.13	1.49E-03	2.74E-04	2.04E-04	0.00E+00
378	259775.3	4026270.79	1.52E-03	2.79E-04	2.08E-04	0.00E+00
379	259796.6	4026261.46	1.55E-03	2.83E-04	2.11E-04	0.00E+00
380	259817.9	4026252.12	1.57E-03	2.87E-04	2.14E-04	0.00E+00
381	259839.1	4026242.79	1.59E-03	2.91E-04	2.17E-04	0.00E+00
382	259860.4	4026233.45	1.61E-03	2.95E-04	2.20E-04	0.00E+00
383	259881.6	4026224.11	1.63E-03	2.99E-04	2.23E-04	0.00E+00
384	259902.9	4026214.78	1.65E-03	3.03E-04	2.26E-04	0.00E+00
385	259924.1	4026205.44	1.67E-03	3.06E-04	2.28E-04	0.00E+00
386	259261.6	4026931.23	3.66E-03	6.70E-04	5.00E-04	0.00E+00
387	259262	4026954.59	4.01E-03	7.34E-04	5.48E-04	0.00E+00
388	259262.4	4026977.95	4.41E-03	8.07E-04	6.02E-04	0.00E+00
389	259262.8	4027001.31	4.85E-03	8.87E-04	6.62E-04	0.00E+00
390	259263.2	4027024.67	5.32E-03	9.74E-04	7.27E-04	0.00E+00
391	259263.6	4027048.03	5.82E-03	1.07E-03	7.96E-04	0.00E+00
392	259069.6	4026889.97	1.78E-03	3.25E-04	2.43E-04	0.00E+00
393	259078	4026868.67	1.71E-03	3.14E-04	2.34E-04	0.00E+00
394	259086.4	4026847.37	1.66E-03	3.04E-04	2.27E-04	0.00E+00
395	259094.7	4026826.07	1.61E-03	2.95E-04	2.20E-04	0.00E+00
396	259103.1	4026804.77	1.56E-03	2.85E-04	2.13E-04	0.00E+00
397	259111.5	4026783.47	1.50E-03	2.75E-04	2.05E-04	0.00E+00
398	259119.8	4026762.16	1.45E-03	2.66E-04	1.98E-04	0.00E+00
399	259128.2	4026740.86	1.41E-03	2.58E-04	1.93E-04	0.00E+00
400	259136.6	4026719.56	1.37E-03	2.51E-04	1.87E-04	0.00E+00
401	259144.9	4026698.26	1.33E-03	2.43E-04	1.81E-04	0.00E+00
402	259153.3	4026676.96	1.28E-03	2.34E-04	1.75E-04	0.00E+00
403	259161.7	4026655.66	1.23E-03	2.25E-04	1.68E-04	0.00E+00
404	259170	4026634.36	1.18E-03	2.16E-04	1.61E-04	0.00E+00
405	259178.4	4026613.06	1.14E-03	2.09E-04	1.56E-04	0.00E+00
406	259186.8	4026591.75	1.10E-03	2.01E-04	1.50E-04	0.00E+00
407	259195.1	4026570.45	1.06E-03	1.94E-04	1.45E-04	0.00E+00
408	259203.5	4026549.15	1.02E-03	1.88E-04	1.40E-04	0.00E+00
409	259211.9	4026527.85	9.93E-04	1.82E-04	1.36E-04	0.00E+00
410	259220.2	4026506.55	9.62E-04	1.76E-04	1.32E-04	0.00E+00
411	259228.6	4026485.25	9.34E-04	1.71E-04	1.28E-04	0.00E+00
412	259237	4026463.95	9.03E-04	1.65E-04	1.23E-04	0.00E+00
413	259245.3	4026442.64	8.73E-04	1.60E-04	1.19E-04	0.00E+00
414	259253.7	4026421.34	8.48E-04	1.55E-04	1.16E-04	0.00E+00
415	259262.1	4026400.04	8.22E-04	1.50E-04	1.12E-04	0.00E+00
416	259270.5	4026378.74	8.01E-04	1.47E-04	1.09E-04	0.00E+00

417	259278.8	4026357.44	7.84E-04	1.44E-04	1.07E-04	0.00E+00
418	259287.2	4026336.14	7.70E-04	1.41E-04	1.05E-04	0.00E+00
419	259295.6	4026314.84	7.53E-04	1.38E-04	1.03E-04	0.00E+00
420	259303.9	4026293.54	7.34E-04	1.34E-04	1.00E-04	0.00E+00
421	259333.2	4026263.03	7.20E-04	1.32E-04	9.84E-05	0.00E+00
422	259354.2	4026253.83	7.26E-04	1.33E-04	9.92E-05	0.00E+00
423	259375.1	4026244.63	7.30E-04	1.34E-04	9.98E-05	0.00E+00
424	259396.1	4026235.42	7.34E-04	1.34E-04	1.00E-04	0.00E+00
425	259417.1	4026226.22	7.39E-04	1.35E-04	1.01E-04	0.00E+00
426	259438	4026217.02	7.46E-04	1.37E-04	1.02E-04	0.00E+00
427	259459	4026207.82	7.54E-04	1.38E-04	1.03E-04	0.00E+00
428	259479.9	4026198.61	7.61E-04	1.39E-04	1.04E-04	0.00E+00
429	259500.9	4026189.41	7.70E-04	1.41E-04	1.05E-04	0.00E+00
430	259521.8	4026180.21	7.81E-04	1.43E-04	1.07E-04	0.00E+00
431	259542.8	4026171.01	7.92E-04	1.45E-04	1.08E-04	0.00E+00
432	259563.7	4026161.8	8.06E-04	1.48E-04	1.10E-04	0.00E+00
433	259584.7	4026152.6	8.19E-04	1.50E-04	1.12E-04	0.00E+00
434	259605.6	4026143.4	8.34E-04	1.53E-04	1.14E-04	0.00E+00
435	259626.6	4026134.2	8.48E-04	1.55E-04	1.16E-04	0.00E+00
436	259647.6	4026124.99	8.62E-04	1.58E-04	1.18E-04	0.00E+00
437	259668.5	4026115.79	8.75E-04	1.60E-04	1.20E-04	0.00E+00
438	259689.5	4026106.59	8.88E-04	1.63E-04	1.21E-04	0.00E+00
439	259710.4	4026097.39	9.01E-04	1.65E-04	1.23E-04	0.00E+00
440	259731.4	4026088.18	9.16E-04	1.68E-04	1.25E-04	0.00E+00
441	259752.3	4026078.98	9.31E-04	1.70E-04	1.27E-04	0.00E+00
442	259773.3	4026069.78	9.46E-04	1.73E-04	1.29E-04	0.00E+00
443	259794.2	4026060.58	9.61E-04	1.76E-04	1.31E-04	0.00E+00
444	259815.2	4026051.37	9.75E-04	1.79E-04	1.33E-04	0.00E+00
445	259836.1	4026042.17	9.91E-04	1.81E-04	1.35E-04	0.00E+00
446	259857.1	4026032.97	1.01E-03	1.84E-04	1.38E-04	0.00E+00
447	259878	4026023.77	1.02E-03	1.87E-04	1.40E-04	0.00E+00
448	259899	4026014.56	1.04E-03	1.90E-04	1.42E-04	0.00E+00
449	259920	4026005.36	1.05E-03	1.93E-04	1.44E-04	0.00E+00
450	259061.7	4026934.64	1.93E-03	3.54E-04	2.64E-04	0.00E+00
451	259062.1	4026958	2.03E-03	3.71E-04	2.77E-04	0.00E+00
452	259062.5	4026981.36	2.13E-03	3.90E-04	2.91E-04	0.00E+00
453	259062.9	4027004.72	2.23E-03	4.09E-04	3.05E-04	0.00E+00
454	259063.3	4027028.08	2.34E-03	4.28E-04	3.20E-04	0.00E+00
455	259063.7	4027051.44	2.44E-03	4.47E-04	3.33E-04	0.00E+00
456	258869.8	4026892.99	1.26E-03	2.31E-04	1.73E-04	0.00E+00
457	258878.3	4026871.29	1.24E-03	2.27E-04	1.69E-04	0.00E+00
458	258886.9	4026849.6	1.21E-03	2.22E-04	1.66E-04	0.00E+00
459	258895.4	4026827.9	1.19E-03	2.17E-04	1.62E-04	0.00E+00
460	258903.9	4026806.2	1.15E-03	2.11E-04	1.58E-04	0.00E+00
461	258912.4	4026784.51	1.12E-03	2.05E-04	1.53E-04	0.00E+00
462	258921	4026762.81	1.09E-03	1.99E-04	1.49E-04	0.00E+00
463	258929.5	4026741.12	1.05E-03	1.93E-04	1.44E-04	0.00E+00

464	258938	4026719.42	1.02E-03	1.87E-04	1.40E-04	0.00E+00
465	258946.5	4026697.73	9.91E-04	1.81E-04	1.35E-04	0.00E+00
466	258955	4026676.03	9.63E-04	1.76E-04	1.32E-04	0.00E+00
467	258963.6	4026654.33	9.36E-04	1.71E-04	1.28E-04	0.00E+00
468	258972.1	4026632.64	9.10E-04	1.67E-04	1.24E-04	0.00E+00
469	258980.6	4026610.94	8.84E-04	1.62E-04	1.21E-04	0.00E+00
470	258989.1	4026589.25	8.58E-04	1.57E-04	1.17E-04	0.00E+00
471	258997.7	4026567.55	8.31E-04	1.52E-04	1.14E-04	0.00E+00
472	259006.2	4026545.85	8.05E-04	1.47E-04	1.10E-04	0.00E+00
473	259014.7	4026524.16	7.81E-04	1.43E-04	1.07E-04	0.00E+00
474	259023.2	4026502.46	7.58E-04	1.39E-04	1.04E-04	0.00E+00
475	259031.7	4026480.77	7.37E-04	1.35E-04	1.01E-04	0.00E+00
476	259040.3	4026459.07	7.17E-04	1.31E-04	9.80E-05	0.00E+00
477	259048.8	4026437.38	6.98E-04	1.28E-04	9.54E-05	0.00E+00
478	259057.3	4026415.68	6.81E-04	1.25E-04	9.31E-05	0.00E+00
479	259065.8	4026393.98	6.65E-04	1.22E-04	9.09E-05	0.00E+00
480	259074.4	4026372.29	6.50E-04	1.19E-04	8.88E-05	0.00E+00
481	259082.9	4026350.59	6.35E-04	1.16E-04	8.68E-05	0.00E+00
482	259091.4	4026328.9	6.21E-04	1.14E-04	8.49E-05	0.00E+00
483	259099.9	4026307.2	6.09E-04	1.12E-04	8.32E-05	0.00E+00
484	259108.4	4026285.51	5.98E-04	1.09E-04	8.17E-05	0.00E+00
485	259117	4026263.81	5.87E-04	1.08E-04	8.03E-05	0.00E+00
486	259125.5	4026242.11	5.76E-04	1.06E-04	7.88E-05	0.00E+00
487	259134	4026220.42	5.65E-04	1.03E-04	7.72E-05	0.00E+00
488	259142.5	4026198.72	5.55E-04	1.02E-04	7.58E-05	0.00E+00
489	259151.1	4026177.03	5.45E-04	9.98E-05	7.45E-05	0.00E+00
490	259159.6	4026155.33	5.37E-04	9.84E-05	7.34E-05	0.00E+00
491	259189.4	4026124.26	5.33E-04	9.75E-05	7.28E-05	0.00E+00
492	259210.8	4026114.89	5.35E-04	9.80E-05	7.32E-05	0.00E+00
493	259232.1	4026105.52	5.37E-04	9.84E-05	7.34E-05	0.00E+00
494	259253.5	4026096.14	5.39E-04	9.87E-05	7.37E-05	0.00E+00
495	259274.8	4026086.77	5.42E-04	9.92E-05	7.40E-05	0.00E+00
496	259296.2	4026077.4	5.44E-04	9.97E-05	7.44E-05	0.00E+00
497	259317.5	4026068.02	5.46E-04	1.00E-04	7.47E-05	0.00E+00
498	259338.8	4026058.65	5.49E-04	1.00E-04	7.50E-05	0.00E+00
499	259360.2	4026049.28	5.50E-04	1.01E-04	7.52E-05	0.00E+00
500	259381.5	4026039.91	5.52E-04	1.01E-04	7.55E-05	0.00E+00
501	259402.9	4026030.53	5.54E-04	1.02E-04	7.58E-05	0.00E+00
502	259424.2	4026021.16	5.56E-04	1.02E-04	7.61E-05	0.00E+00
503	259445.5	4026011.79	5.59E-04	1.02E-04	7.64E-05	0.00E+00
504	259466.9	4026002.41	5.62E-04	1.03E-04	7.68E-05	0.00E+00
505	259488.2	4025993.04	5.66E-04	1.04E-04	7.74E-05	0.00E+00
506	259509.6	4025983.67	5.71E-04	1.05E-04	7.80E-05	0.00E+00
507	259530.9	4025974.29	5.76E-04	1.05E-04	7.87E-05	0.00E+00
508	259552.3	4025964.92	5.81E-04	1.06E-04	7.95E-05	0.00E+00
509	259573.6	4025955.55	5.88E-04	1.08E-04	8.03E-05	0.00E+00
510	259594.9	4025946.18	5.94E-04	1.09E-04	8.12E-05	0.00E+00

511	259616.3	4025936.8	6.02E-04	1.10E-04	8.22E-05	0.00E+00
512	259637.6	4025927.43	6.09E-04	1.11E-04	8.32E-05	0.00E+00
513	259659	4025918.06	6.16E-04	1.13E-04	8.42E-05	0.00E+00
514	259680.3	4025908.68	6.24E-04	1.14E-04	8.53E-05	0.00E+00
515	259701.7	4025899.31	6.32E-04	1.16E-04	8.64E-05	0.00E+00
516	259723	4025889.94	6.40E-04	1.17E-04	8.75E-05	0.00E+00
517	259744.3	4025880.56	6.49E-04	1.19E-04	8.87E-05	0.00E+00
518	259765.7	4025871.19	6.59E-04	1.21E-04	9.01E-05	0.00E+00
519	259787	4025861.82	6.69E-04	1.23E-04	9.15E-05	0.00E+00
520	259808.4	4025852.45	6.80E-04	1.25E-04	9.29E-05	0.00E+00
521	259829.7	4025843.07	6.91E-04	1.27E-04	9.44E-05	0.00E+00
522	259851	4025833.7	7.02E-04	1.29E-04	9.59E-05	0.00E+00
523	259872.4	4025824.33	7.13E-04	1.31E-04	9.75E-05	0.00E+00
524	259893.7	4025814.95	7.24E-04	1.33E-04	9.90E-05	0.00E+00
525	259915.1	4025805.58	7.36E-04	1.35E-04	1.01E-04	0.00E+00
526	258861.3	4026914.68	1.28E-03	2.35E-04	1.75E-04	0.00E+00
527	258861.7	4026938.04	1.32E-03	2.42E-04	1.81E-04	0.00E+00
528	258862.1	4026961.41	1.37E-03	2.50E-04	1.87E-04	0.00E+00
529	258862.5	4026984.77	1.41E-03	2.59E-04	1.93E-04	0.00E+00
530	258862.9	4027008.13	1.46E-03	2.67E-04	1.99E-04	0.00E+00
531	258863.3	4027031.49	1.50E-03	2.74E-04	2.05E-04	0.00E+00
532	258863.7	4027054.85	1.54E-03	2.82E-04	2.10E-04	0.00E+00
533	258669.8	4026896.63	9.82E-04	1.80E-04	1.34E-04	0.00E+00
534	258678.2	4026875.16	9.70E-04	1.78E-04	1.33E-04	0.00E+00
535	258686.6	4026853.69	9.56E-04	1.75E-04	1.31E-04	0.00E+00
536	258695.1	4026832.23	9.40E-04	1.72E-04	1.29E-04	0.00E+00
537	258703.5	4026810.76	9.23E-04	1.69E-04	1.26E-04	0.00E+00
538	258711.9	4026789.29	9.04E-04	1.66E-04	1.24E-04	0.00E+00
539	258720.3	4026767.83	8.85E-04	1.62E-04	1.21E-04	0.00E+00
540	258728.8	4026746.36	8.65E-04	1.58E-04	1.18E-04	0.00E+00
541	258737.2	4026724.89	8.44E-04	1.55E-04	1.15E-04	0.00E+00
542	258745.6	4026703.43	8.26E-04	1.51E-04	1.13E-04	0.00E+00
543	258754.1	4026681.96	8.06E-04	1.48E-04	1.10E-04	0.00E+00
544	258762.5	4026660.5	7.87E-04	1.44E-04	1.07E-04	0.00E+00
545	258770.9	4026639.03	7.67E-04	1.41E-04	1.05E-04	0.00E+00
546	258779.4	4026617.56	7.50E-04	1.37E-04	1.02E-04	0.00E+00
547	258787.8	4026596.1	7.33E-04	1.34E-04	1.00E-04	0.00E+00
548	258796.2	4026574.63	7.14E-04	1.31E-04	9.76E-05	0.00E+00
549	258804.7	4026553.16	6.96E-04	1.27E-04	9.51E-05	0.00E+00
550	258813.1	4026531.7	6.77E-04	1.24E-04	9.25E-05	0.00E+00
551	258821.5	4026510.23	6.57E-04	1.20E-04	8.99E-05	0.00E+00
552	258830	4026488.76	6.39E-04	1.17E-04	8.73E-05	0.00E+00
553	258838.4	4026467.3	6.20E-04	1.14E-04	8.47E-05	0.00E+00
554	258846.8	4026445.83	6.01E-04	1.10E-04	8.22E-05	0.00E+00
555	258855.3	4026424.36	5.84E-04	1.07E-04	7.98E-05	0.00E+00
556	258863.7	4026402.9	5.68E-04	1.04E-04	7.77E-05	0.00E+00
557	258872.1	4026381.43	5.54E-04	1.01E-04	7.57E-05	0.00E+00

558	258880.6	4026359.97	5.41E-04	9.90E-05	7.39E-05	0.00E+00
559	258889	4026338.5	0.000527868	9.66E-05	7.21E-05	0.00E+00
560	258897.4	4026317.03	0.000516236	9.45E-05	7.06E-05	0.00E+00
561	258905.9	4026295.57	0.000505534	9.26E-05	6.91E-05	0.00E+00
562	258914.3	4026274.1	0.000495531	9.07E-05	6.77E-05	0.00E+00
563	258922.7	4026252.63	0.000485992	8.90E-05	6.64E-05	0.00E+00
564	258931.2	4026231.17	0.00047785	8.75E-05	6.53E-05	0.00E+00
565	258939.6	4026209.7	0.000470405	8.61E-05	6.43E-05	0.00E+00
566	258948	4026188.23	0.000462263	8.46E-05	6.32E-05	0.00E+00
567	258956.5	4026166.77	0.000455283	8.34E-05	6.22E-05	0.00E+00
568	258964.9	4026145.3	0.000449235	8.23E-05	6.14E-05	0.00E+00
569	258973.3	4026123.83	0.000444582	8.14E-05	6.08E-05	0.00E+00
570	258981.7	4026102.37	0.000439231	8.04E-05	6.00E-05	0.00E+00
571	258990.2	4026080.9	0.000433182	7.93E-05	5.92E-05	0.00E+00
572	258998.6	4026059.44	0.000427831	7.83E-05	5.85E-05	0.00E+00
573	259007	4026037.97	0.000423179	7.75E-05	5.78E-05	0.00E+00
574	259015.5	4026016.5	0.000418526	7.66E-05	5.72E-05	0.00E+00
575	259045	4025985.76	0.000418293	7.66E-05	5.72E-05	0.00E+00
576	259066.1	4025976.49	0.000421783	7.72E-05	5.76E-05	0.00E+00
577	259087.3	4025967.21	0.000424807	7.78E-05	5.81E-05	0.00E+00
578	259108.4	4025957.94	0.000426901	7.82E-05	5.83E-05	0.00E+00
579	259129.5	4025948.67	0.000429227	7.86E-05	5.87E-05	0.00E+00
580	259150.6	4025939.39	0.000431321	7.90E-05	5.89E-05	0.00E+00
581	259171.7	4025930.12	0.000433182	7.93E-05	5.92E-05	0.00E+00
582	259192.8	4025920.84	0.000434345	7.95E-05	5.94E-05	0.00E+00
583	259214	4025911.57	0.000435276	7.97E-05	5.95E-05	0.00E+00
584	259235.1	4025902.3	0.000436207	7.99E-05	5.96E-05	0.00E+00
585	259256.2	4025893.02	0.000436905	8.00E-05	5.97E-05	0.00E+00
586	259277.3	4025883.75	0.000437603	8.01E-05	5.98E-05	0.00E+00
587	259298.4	4025874.48	0.0004383	8.02E-05	5.99E-05	0.00E+00
588	259319.5	4025865.2	0.000438533	8.03E-05	5.99E-05	0.00E+00
589	259340.7	4025855.93	0.000438766	8.03E-05	6.00E-05	0.00E+00
590	259361.8	4025846.65	0.000438766	8.03E-05	6.00E-05	0.00E+00
591	259382.9	4025837.38	0.000438998	8.04E-05	6.00E-05	0.00E+00
592	259404	4025828.11	0.000439696	8.05E-05	6.01E-05	0.00E+00
593	259425.1	4025818.83	0.000440162	8.06E-05	6.02E-05	0.00E+00
594	259446.2	4025809.56	0.000440627	8.07E-05	6.02E-05	0.00E+00
595	259467.4	4025800.28	0.000441092	8.08E-05	6.03E-05	0.00E+00
596	259488.5	4025791.01	0.000442488	8.10E-05	6.05E-05	0.00E+00
597	259509.6	4025781.74	0.000443884	8.13E-05	6.07E-05	0.00E+00
598	259530.7	4025772.46	0.000445978	8.17E-05	6.10E-05	0.00E+00
599	259551.8	4025763.19	0.000448537	8.21E-05	6.13E-05	0.00E+00
600	259572.9	4025753.91	0.000451794	8.27E-05	6.17E-05	0.00E+00
601	259594.1	4025744.64	0.000455516	8.34E-05	6.23E-05	0.00E+00
602	259615.2	4025735.37	0.000460169	8.43E-05	6.29E-05	0.00E+00
603	259636.3	4025726.09	0.000464822	8.51E-05	6.35E-05	0.00E+00
604	259657.4	4025716.82	0.000469707	8.60E-05	6.42E-05	0.00E+00

605	259678.5	4025707.55	0.000475058	8.70E-05	6.49E-05	0.00E+00
606	259699.6	4025698.27	0.000481107	8.81E-05	6.58E-05	0.00E+00
607	259720.8	4025689	0.000487621	8.93E-05	6.66E-05	0.00E+00
608	259741.9	4025679.72	0.000494135	9.05E-05	6.75E-05	0.00E+00
609	259763	4025670.45	0.000500882	9.17E-05	6.85E-05	0.00E+00
610	259784.1	4025661.18	0.000507861	9.30E-05	6.94E-05	0.00E+00
611	259805.2	4025651.9	0.00051484	9.43E-05	7.04E-05	0.00E+00
612	259826.3	4025642.63	0.000521819	9.55E-05	7.13E-05	0.00E+00
613	259847.5	4025633.35	0.000529264	9.69E-05	7.23E-05	0.00E+00
614	259868.6	4025624.08	0.000537407	9.84E-05	7.34E-05	0.00E+00
615	259889.7	4025614.81	0.000545782	9.99E-05	7.46E-05	0.00E+00
616	259910.8	4025605.53	0.000553459	1.01E-04	7.56E-05	0.00E+00
617	258661.3	4026918.09	0.000992225	1.82E-04	1.36E-04	0.00E+00
618	258661.7	4026941.45	0.001013395	1.86E-04	1.38E-04	0.00E+00
619	258662.1	4026964.82	0.001034333	1.89E-04	1.41E-04	0.00E+00
620	258662.5	4026988.18	0.001055038	1.93E-04	1.44E-04	0.00E+00
621	258662.9	4027011.54	0.001075511	1.97E-04	1.47E-04	0.00E+00
622	258663.3	4027034.9	0.001096914	2.01E-04	1.50E-04	0.00E+00
623	258663.7	4027058.26	0.001117852	2.05E-04	1.53E-04	0.00E+00
624	258469.9	4026899.77	0.000793547	1.45E-04	1.08E-04	0.00E+00
625	258478.4	4026878.03	0.000790523	1.45E-04	1.08E-04	0.00E+00
626	258487	4026856.29	0.000785405	1.44E-04	1.07E-04	0.00E+00
627	258495.5	4026834.56	0.000778425	1.43E-04	1.06E-04	0.00E+00
628	258504	4026812.82	0.000769585	1.41E-04	1.05E-04	0.00E+00
629	258512.6	4026791.09	0.000758185	1.39E-04	1.04E-04	0.00E+00
630	258521.1	4026769.35	0.000745622	1.37E-04	1.02E-04	0.00E+00
631	258529.7	4026747.61	0.000734223	1.34E-04	1.00E-04	0.00E+00
632	258538.2	4026725.88	0.000724219	1.33E-04	9.90E-05	0.00E+00
633	258546.7	4026704.14	0.00071282	1.31E-04	9.74E-05	0.00E+00
634	258555.3	4026682.41	0.000699792	1.28E-04	9.56E-05	0.00E+00
635	258563.8	4026660.67	0.000686531	1.26E-04	9.38E-05	0.00E+00
636	258572.3	4026638.93	0.00067327	1.23E-04	9.20E-05	0.00E+00
637	258580.9	4026617.2	0.00066001	1.21E-04	9.02E-05	0.00E+00
638	258589.4	4026595.46	0.000646516	1.18E-04	8.84E-05	0.00E+00
639	258598	4026573.73	0.000633256	1.16E-04	8.65E-05	0.00E+00
640	258606.5	4026551.99	0.000619995	1.14E-04	8.47E-05	0.00E+00
641	258615	4026530.25	0.000606502	1.11E-04	8.29E-05	0.00E+00
642	258623.6	4026508.52	0.000592776	1.09E-04	8.10E-05	0.00E+00
643	258632.1	4026486.78	0.000578352	1.06E-04	7.90E-05	0.00E+00
644	258640.7	4026465.05	0.000563928	1.03E-04	7.71E-05	0.00E+00
645	258649.2	4026443.31	0.000549969	1.01E-04	7.52E-05	0.00E+00
646	258657.7	4026421.57	0.000536476	9.82E-05	7.33E-05	0.00E+00
647	258666.3	4026399.84	0.000522052	9.56E-05	7.13E-05	0.00E+00
648	258674.8	4026378.1	0.000507628	9.29E-05	6.94E-05	0.00E+00
649	258683.3	4026356.37	0.000493437	9.03E-05	6.74E-05	0.00E+00
650	258691.9	4026334.63	0.000479013	8.77E-05	6.55E-05	0.00E+00
651	258700.4	4026312.89	0.00046552	8.52E-05	6.36E-05	0.00E+00

652	258709	4026291.16	0.000452957	8.29E-05	6.19E-05	0.00E+00
653	258717.5	4026269.42	0.00044086	8.07E-05	6.03E-05	0.00E+00
654	258726	4026247.69	0.00042946	7.86E-05	5.87E-05	0.00E+00
655	258734.6	4026225.95	0.000418526	7.66E-05	5.72E-05	0.00E+00
656	258743.1	4026204.21	0.000408057	7.47E-05	5.58E-05	0.00E+00
657	258751.6	4026182.48	0.000399216	7.31E-05	5.46E-05	0.00E+00
658	258760.2	4026160.74	0.000392004	7.18E-05	5.36E-05	0.00E+00
659	258768.7	4026139.01	0.000385258	7.05E-05	5.27E-05	0.00E+00
660	258777.3	4026117.27	0.000379209	6.94E-05	5.18E-05	0.00E+00
661	258785.8	4026095.53	0.000373393	6.84E-05	5.10E-05	0.00E+00
662	258794.3	4026073.8	0.000368507	6.75E-05	5.04E-05	0.00E+00
663	258802.9	4026052.06	0.000364087	6.67E-05	4.98E-05	0.00E+00
664	258811.4	4026030.33	0.000360132	6.59E-05	4.92E-05	0.00E+00
665	258820	4026008.59	0.000355945	6.52E-05	4.86E-05	0.00E+00
666	258828.5	4025986.85	0.00035199	6.44E-05	4.81E-05	0.00E+00
667	258837	4025965.12	0.000348267	6.38E-05	4.76E-05	0.00E+00
668	258845.6	4025943.38	0.000345476	6.33E-05	4.72E-05	0.00E+00
669	258854.1	4025921.65	0.000343382	6.29E-05	4.69E-05	0.00E+00
670	258862.6	4025899.91	0.000341288	6.25E-05	4.66E-05	0.00E+00
671	258871.2	4025878.17	0.000339427	6.21E-05	4.64E-05	0.00E+00
672	258901.1	4025847.05	0.000340358	6.23E-05	4.65E-05	0.00E+00
673	258922.5	4025837.66	0.00034408	6.30E-05	4.70E-05	0.00E+00
674	258943.9	4025828.27	0.000347802	6.37E-05	4.75E-05	0.00E+00
675	258965.2	4025818.88	0.000351292	6.43E-05	4.80E-05	0.00E+00
676	258986.6	4025809.49	0.000354316	6.49E-05	4.84E-05	0.00E+00
677	259008	4025800.09	0.000356875	6.53E-05	4.88E-05	0.00E+00
678	259029.4	4025790.7	0.000358969	6.57E-05	4.91E-05	0.00E+00
679	259050.8	4025781.31	0.00036083	6.61E-05	4.93E-05	0.00E+00
680	259072.2	4025771.92	0.000362226	6.63E-05	4.95E-05	0.00E+00
681	259093.5	4025762.53	0.000363157	6.65E-05	4.96E-05	0.00E+00
682	259114.9	4025753.14	0.000364087	6.67E-05	4.98E-05	0.00E+00
683	259136.3	4025743.75	0.000364552	6.67E-05	4.98E-05	0.00E+00
684	259157.7	4025734.36	0.000364785	6.68E-05	4.99E-05	0.00E+00
685	259179.1	4025724.97	0.000364785	6.68E-05	4.99E-05	0.00E+00
686	259200.4	4025715.58	0.000364785	6.68E-05	4.99E-05	0.00E+00
687	259221.8	4025706.19	0.000364552	6.67E-05	4.98E-05	0.00E+00
688	259243.2	4025696.8	0.000364552	6.67E-05	4.98E-05	0.00E+00
689	259264.6	4025687.41	0.000364785	6.68E-05	4.99E-05	0.00E+00
690	259286	4025678.02	0.000364785	6.68E-05	4.99E-05	0.00E+00
691	259307.4	4025668.63	0.000364552	6.67E-05	4.98E-05	0.00E+00
692	259328.7	4025659.24	0.000363622	6.66E-05	4.97E-05	0.00E+00
693	259350.1	4025649.85	0.000362226	6.63E-05	4.95E-05	0.00E+00
694	259371.5	4025640.46	0.000361295	6.62E-05	4.94E-05	0.00E+00
695	259392.9	4025631.07	0.00036083	6.61E-05	4.93E-05	0.00E+00
696	259414.3	4025621.68	0.000360365	6.60E-05	4.92E-05	0.00E+00
697	259435.6	4025612.29	0.000360365	6.60E-05	4.92E-05	0.00E+00
698	259457	4025602.9	0.000360365	6.60E-05	4.92E-05	0.00E+00

699	259478.4	4025593.51	0.000360365	6.60E-05	4.92E-05	0.00E+00
700	259499.8	4025584.12	0.000361063	6.61E-05	4.93E-05	0.00E+00
701	259521.2	4025574.73	0.000361761	6.62E-05	4.94E-05	0.00E+00
702	259542.6	4025565.34	0.000362924	6.64E-05	4.96E-05	0.00E+00
703	259563.9	4025555.95	0.00036432	6.67E-05	4.98E-05	0.00E+00
704	259585.3	4025546.55	0.000365948	6.70E-05	5.00E-05	0.00E+00
705	259606.7	4025537.16	0.000368507	6.75E-05	5.04E-05	0.00E+00
706	259628.1	4025527.77	0.000371764	6.81E-05	5.08E-05	0.00E+00
707	259649.5	4025518.38	0.000375254	6.87E-05	5.13E-05	0.00E+00
708	259670.8	4025508.99	0.000379442	6.95E-05	5.19E-05	0.00E+00
709	259692.2	4025499.6	0.000383862	7.03E-05	5.25E-05	0.00E+00
710	259713.6	4025490.21	0.000388515	7.11E-05	5.31E-05	0.00E+00
711	259735	4025480.82	0.000393866	7.21E-05	5.38E-05	0.00E+00
712	259756.4	4025471.43	0.000399216	7.31E-05	5.46E-05	0.00E+00
713	259777.8	4025462.04	0.0004048	7.41E-05	5.53E-05	0.00E+00
714	259799.1	4025452.65	0.000410616	7.52E-05	5.61E-05	0.00E+00
715	259820.5	4025443.26	0.000416199	7.62E-05	5.69E-05	0.00E+00
716	259841.9	4025433.87	0.000421783	7.72E-05	5.76E-05	0.00E+00
717	259863.3	4025424.48	0.000427599	7.83E-05	5.84E-05	0.00E+00
718	259884.7	4025415.09	0.000433415	7.94E-05	5.92E-05	0.00E+00
719	259906	4025405.7	0.000439464	8.05E-05	6.01E-05	0.00E+00
720	258461.4	4026921.5	0.000798433	1.46E-04	1.09E-04	0.00E+00
721	258461.8	4026944.86	0.000810763	1.48E-04	1.11E-04	0.00E+00
722	258462.1	4026968.23	0.00082286	1.51E-04	1.12E-04	0.00E+00
723	258462.5	4026991.59	0.000836586	1.53E-04	1.14E-04	0.00E+00
724	258462.9	4027014.95	0.000848451	1.55E-04	1.16E-04	0.00E+00
725	258463.3	4027038.31	0.00086241	1.58E-04	1.18E-04	0.00E+00
726	258463.7	4027061.67	0.000879393	1.61E-04	1.20E-04	0.00E+00
727	259934.3	4026786.78	0.01193159	2.18E-03	1.63E-03	0.00E+00
728	259843.6	4026789.17	0.01347006	2.47E-03	1.84E-03	0.00E+00
729	259775.6	4026790.96	0.0144895	2.65E-03	1.98E-03	0.00E+00
730	259910.3	4026737.4	0.01002647	1.84E-03	1.37E-03	0.00E+00
731	259797	4026740.38	0.01065391	1.95E-03	1.46E-03	0.00E+00
732	259774.3	4026740.98	0.01056341	1.93E-03	1.44E-03	0.00E+00
733	259751.6	4026741.57	0.01037427	1.90E-03	1.42E-03	0.00E+00
734	259930.3	4026636.84	0.006818316	1.25E-03	9.32E-04	0.00E+00
735	259794.3	4026640.42	0.006287656	1.15E-03	8.59E-04	0.00E+00
736	259771.7	4026641.01	0.006084559	1.11E-03	8.32E-04	0.00E+00
737	259749	4026641.61	0.005838887	1.07E-03	7.98E-04	0.00E+00
738	259950.4	4026536.27	0.004794318	8.78E-04	6.55E-04	0.00E+00
739	259927.7	4026536.87	0.004718243	8.64E-04	6.45E-04	0.00E+00
740	259791.7	4026540.45	0.003950519	7.23E-04	5.40E-04	0.00E+00
741	259769	4026541.05	0.003773013	6.91E-04	5.16E-04	0.00E+00
742	259746.4	4026541.64	0.003585269	6.56E-04	4.90E-04	0.00E+00
743	259947.7	4026436.31	0.003392408	6.21E-04	4.64E-04	0.00E+00
744	259925.1	4026436.9	0.003311215	6.06E-04	4.53E-04	0.00E+00
745	259789.1	4026440.48	0.002673307	4.89E-04	3.65E-04	0.00E+00

746	259766.4	4026441.08	0.002546051	4.66E-04	3.48E-04	0.00E+00
747	259743.7	4026441.68	0.002417399	4.43E-04	3.30E-04	0.00E+00
748	259945.1	4026336.34	0.002490681	4.56E-04	3.40E-04	0.00E+00
749	259922.4	4026336.94	0.002412513	4.42E-04	3.30E-04	0.00E+00
750	259786.4	4026340.52	0.00190442	3.49E-04	2.60E-04	0.00E+00
751	259763.8	4026341.12	0.001817876	3.33E-04	2.48E-04	0.00E+00
752	259741.1	4026341.71	0.001732729	3.17E-04	2.37E-04	0.00E+00
753	259939.8	4026136.41	0.001447275	2.65E-04	1.98E-04	0.00E+00
754	259917.2	4026137.01	0.001397257	2.56E-04	1.91E-04	0.00E+00
755	259894.5	4026137.61	0.001347239	2.47E-04	1.84E-04	0.00E+00
756	259871.8	4026138.2	0.001298616	2.38E-04	1.77E-04	0.00E+00
757	259849.2	4026138.8	0.001250691	2.29E-04	1.71E-04	0.00E+00
758	259826.5	4026139.4	0.001202302	2.20E-04	1.64E-04	0.00E+00
759	259803.8	4026139.99	0.001157401	2.12E-04	1.58E-04	0.00E+00
760	259781.2	4026140.59	0.00111413	2.04E-04	1.52E-04	0.00E+00
761	259758.5	4026141.19	0.001071091	1.96E-04	1.46E-04	0.00E+00
762	259735.9	4026141.78	0.001030843	1.89E-04	1.41E-04	0.00E+00
763	259934.6	4025936.48	0.0009443	1.73E-04	1.29E-04	0.00E+00
764	259911.9	4025937.08	0.000913591	1.67E-04	1.25E-04	0.00E+00
765	259889.2	4025937.67	0.000884045	1.62E-04	1.21E-04	0.00E+00
766	259866.6	4025938.27	0.000854732	1.56E-04	1.17E-04	0.00E+00
767	259843.9	4025938.87	0.000826582	1.51E-04	1.13E-04	0.00E+00
768	259821.2	4025939.46	0.000799131	1.46E-04	1.09E-04	0.00E+00
769	259798.6	4025940.06	0.000772842	1.42E-04	1.06E-04	0.00E+00
770	259775.9	4025940.66	0.000748182	1.37E-04	1.02E-04	0.00E+00
771	259753.3	4025941.25	0.000724917	1.33E-04	9.91E-05	0.00E+00
772	259730.6	4025941.85	0.000703049	1.29E-04	9.61E-05	0.00E+00
773	259929.3	4025736.55	0.000676295	1.24E-04	9.24E-05	0.00E+00
774	259906.6	4025737.15	0.000656753	1.20E-04	8.98E-05	0.00E+00
775	259884	4025737.74	0.000637909	1.17E-04	8.72E-05	0.00E+00
776	259861.3	4025738.34	0.00061953	1.13E-04	8.47E-05	0.00E+00
777	259838.7	4025738.94	0.000601384	1.10E-04	8.22E-05	0.00E+00
778	259816	4025739.53	0.000584401	1.07E-04	7.99E-05	0.00E+00
779	259793.3	4025740.13	0.000568348	1.04E-04	7.77E-05	0.00E+00
780	259770.7	4025740.73	0.000552528	1.01E-04	7.55E-05	0.00E+00
781	259748	4025741.32	0.000537407	9.84E-05	7.34E-05	0.00E+00
782	259725.3	4025741.92	0.000523215	9.58E-05	7.15E-05	0.00E+00
783	259924.1	4025536.62	0.000516934	9.46E-05	7.06E-05	0.00E+00
784	259901.4	4025537.22	0.000503673	9.22E-05	6.88E-05	0.00E+00
785	259878.7	4025537.81	0.000490878	8.99E-05	6.71E-05	0.00E+00
786	259856.1	4025538.41	0.000478315	8.76E-05	6.54E-05	0.00E+00
787	259833.4	4025539.01	0.000466916	8.55E-05	6.38E-05	0.00E+00
788	259810.7	4025539.6	0.000455749	8.34E-05	6.23E-05	0.00E+00
789	259788.1	4025540.2	0.000444582	8.14E-05	6.08E-05	0.00E+00
790	259765.4	4025540.8	0.000433648	7.94E-05	5.93E-05	0.00E+00
791	259742.7	4025541.39	0.000423179	7.75E-05	5.78E-05	0.00E+00
792	259720.1	4025541.99	0.000412942	7.56E-05	5.64E-05	0.00E+00

793	260259.4	4027030.57	0.01700694	3.11E-03	2.32E-03	0.00E+00
794	260258.9	4027007.71	0.01704882	3.12E-03	2.33E-03	0.00E+00
795	260258.4	4026984.85	0.01700275	3.11E-03	2.32E-03	0.00E+00
796	260257.9	4026961.98	0.01691086	3.10E-03	2.31E-03	0.00E+00
797	260257.4	4026939.12	0.01678802	3.07E-03	2.29E-03	0.00E+00
798	260256.9	4026916.26	0.01656282	3.03E-03	2.26E-03	0.00E+00
799	260256.4	4026893.39	0.0162234	2.97E-03	2.22E-03	0.00E+00
800	260359.4	4027028.4	0.009572118	1.75E-03	1.31E-03	0.00E+00
801	260358.9	4027005.53	0.009642376	1.77E-03	1.32E-03	0.00E+00
802	260358.4	4026982.67	0.009702165	1.78E-03	1.33E-03	0.00E+00
803	260357.9	4026959.81	0.009735433	1.78E-03	1.33E-03	0.00E+00
804	260357.4	4026936.94	0.009741714	1.78E-03	1.33E-03	0.00E+00
805	260356.9	4026914.08	0.009718915	1.78E-03	1.33E-03	0.00E+00
806	260356.4	4026891.22	0.009666803	1.77E-03	1.32E-03	0.00E+00
807	260459.4	4027026.22	0.006109451	1.12E-03	8.35E-04	0.00E+00
808	260458.9	4027003.35	0.006205766	1.14E-03	8.48E-04	0.00E+00
809	260458.4	4026980.49	0.006288819	1.15E-03	8.59E-04	0.00E+00
810	260457.9	4026957.63	0.006357682	1.16E-03	8.69E-04	0.00E+00
811	260457.4	4026934.76	0.006414447	1.17E-03	8.77E-04	0.00E+00
812	260456.9	4026911.9	0.006456556	1.18E-03	8.82E-04	0.00E+00
813	260456.4	4026889.04	0.006482146	1.19E-03	8.86E-04	0.00E+00
814	260659.3	4027021.86	0.002863609	5.24E-04	3.91E-04	0.00E+00
815	260658.8	4026998.99	0.002944104	5.39E-04	4.02E-04	0.00E+00
816	260658.3	4026976.13	0.003028786	5.55E-04	4.14E-04	0.00E+00
817	260657.8	4026953.27	0.003120448	5.71E-04	4.26E-04	0.00E+00
818	260657.3	4026930.4	0.003203501	5.87E-04	4.38E-04	0.00E+00
819	260656.8	4026907.54	0.003266315	5.98E-04	4.46E-04	0.00E+00
820	260656.3	4026884.68	0.003325174	6.09E-04	4.54E-04	0.00E+00
821	260859.3	4027017.5	0.001610358	2.95E-04	2.20E-04	0.00E+00
822	260858.8	4026994.64	0.001659213	3.04E-04	2.27E-04	0.00E+00
823	260858.3	4026971.77	0.001714815	3.14E-04	2.34E-04	0.00E+00
824	260857.8	4026948.91	0.001770882	3.24E-04	2.42E-04	0.00E+00
825	260857.3	4026926.05	0.001822297	3.34E-04	2.49E-04	0.00E+00
826	260856.8	4026903.18	0.001870919	3.43E-04	2.56E-04	0.00E+00
827	260856.3	4026880.32	0.001918611	3.51E-04	2.62E-04	0.00E+00
828	261059.2	4027013.14	0.001043872	1.91E-04	1.43E-04	0.00E+00
829	261058.7	4026990.28	0.001072719	1.96E-04	1.47E-04	0.00E+00
830	261058.2	4026967.42	0.001103893	2.02E-04	1.51E-04	0.00E+00
831	261057.7	4026944.55	0.001134602	2.08E-04	1.55E-04	0.00E+00
832	261057.2	4026921.69	0.001163218	2.13E-04	1.59E-04	0.00E+00
833	261056.7	4026898.83	0.001193461	2.19E-04	1.63E-04	0.00E+00
834	261056.2	4026875.96	0.001226497	2.25E-04	1.68E-04	0.00E+00
835	261259.2	4027008.78	0.000757953	1.39E-04	1.04E-04	0.00E+00
836	261258.7	4026985.92	0.00077447	1.42E-04	1.06E-04	0.00E+00
837	261258.2	4026963.06	0.000792151	1.45E-04	1.08E-04	0.00E+00
838	261257.7	4026940.19	0.000811228	1.49E-04	1.11E-04	0.00E+00
839	261257.2	4026917.33	0.000829607	1.52E-04	1.13E-04	0.00E+00

840	261256.7	4026894.47	0.000848451	1.55E-04	1.16E-04	0.00E+00
841	261256.2	4026871.6	0.00086776	1.59E-04	1.19E-04	0.00E+00
842	259796.1	4026879.73	0.02557636	4.68E-03	3.50E-03	0.00E+00
843	259755	4026854.32	0.02431427	4.45E-03	3.32E-03	0.00E+00
844	259754.2	4026829.33	0.01938269	3.55E-03	2.65E-03	0.00E+00
845	259782.1	4026815.29	0.01708394	3.13E-03	2.33E-03	0.00E+00
846	259810.9	4026826.23	0.01746478	3.20E-03	2.39E-03	0.00E+00
847	259798	4026771.96	0.01279865	2.34E-03	1.75E-03	0.00E+00
848	259766.2	4026710.47	0.008758564	1.60E-03	1.20E-03	0.00E+00
849	259713.2	4026705.57	0.007770991	1.42E-03	1.06E-03	0.00E+00
850	259863.1	4026697.95	0.008682256	1.59E-03	1.19E-03	0.00E+00
851	259730.1	4026655.01	0.006013835	1.10E-03	8.22E-04	0.00E+00
852	259763.6	4026610.76	0.005153984	9.44E-04	7.04E-04	0.00E+00
853	259879.9	4026654.96	0.007238703	1.33E-03	9.89E-04	0.00E+00
854	259977.3	4026719.03	0.009057743	1.66E-03	1.24E-03	0.00E+00
855	259998.9	4026767.78	0.01110501	2.03E-03	1.52E-03	0.00E+00
856	259760.7	4026510.93	0.003272131	5.99E-04	4.47E-04	0.00E+00
857	259828.5	4026536.69	0.004165249	7.63E-04	5.69E-04	0.00E+00
858	259879.3	4026556.01	0.004841312	8.86E-04	6.62E-04	0.00E+00
859	259913.1	4026568.88	0.005236573	9.59E-04	7.16E-04	0.00E+00
860	259757.7	4026411.06	0.002245708	4.11E-04	3.07E-04	0.00E+00
861	259877.7	4026456.67	0.003336341	6.11E-04	4.56E-04	0.00E+00
862	259912	4026469.7	0.003652503	6.69E-04	4.99E-04	0.00E+00
863	260031.9	4026515.31	0.004690791	8.59E-04	6.41E-04	0.00E+00
864	260066.2	4026528.34	0.004965776	9.09E-04	6.79E-04	0.00E+00
865	260107.9	4026558.14	0.005533658	1.01E-03	7.56E-04	0.00E+00
866	260137.6	4026625.19	0.006951156	1.27E-03	9.50E-04	0.00E+00
867	260182.2	4026725.77	0.01077814	1.97E-03	1.47E-03	0.00E+00
868	260197	4026759.29	0.01269652	2.32E-03	1.74E-03	0.00E+00
869	260211.9	4026792.82	0.01476565	2.70E-03	2.02E-03	0.00E+00
870	260226.7	4026826.34	0.01640579	3.00E-03	2.24E-03	0.00E+00
871	260241.6	4026859.87	0.01683595	3.08E-03	2.30E-03	0.00E+00
872	259754.7	4026311.16	0.001631994	2.99E-04	2.23E-04	0.00E+00
873	259875.6	4026357.14	0.002380874	4.36E-04	3.25E-04	0.00E+00
874	259910.2	4026370.27	0.002624917	4.81E-04	3.59E-04	0.00E+00
875	260031.1	4026416.25	0.003489187	6.39E-04	4.77E-04	0.00E+00
876	260065.6	4026429.38	0.00372881	6.83E-04	5.10E-04	0.00E+00
877	260100.2	4026442.52	0.00396285	7.26E-04	5.42E-04	0.00E+00
878	260134.7	4026455.65	0.004193167	7.68E-04	5.73E-04	0.00E+00
879	260199.2	4026536.38	0.00540175	9.89E-04	7.38E-04	0.00E+00
880	260214.2	4026570.17	0.005996852	1.10E-03	8.20E-04	0.00E+00
881	260229.2	4026603.97	0.006675473	1.22E-03	9.12E-04	0.00E+00
882	260244.1	4026637.76	0.00745227	1.36E-03	1.02E-03	0.00E+00
883	260259.1	4026671.55	0.008328638	1.52E-03	1.14E-03	0.00E+00
884	260274.1	4026705.35	0.009198027	1.68E-03	1.26E-03	0.00E+00
885	260289	4026739.14	0.009938763	1.82E-03	1.36E-03	0.00E+00
886	260304	4026772.94	0.010398	1.90E-03	1.42E-03	0.00E+00

887	260319	4026806.73	0.01049548	1.92E-03	1.43E-03	0.00E+00
888	260333.9	4026840.52	0.01030099	1.89E-03	1.41E-03	0.00E+00
889	259751	4026211.03	0.001243247	2.28E-04	1.70E-04	0.00E+00
890	259784.6	4026223.8	0.001368642	2.51E-04	1.87E-04	0.00E+00
891	259868.6	4026255.73	0.001737847	3.18E-04	2.38E-04	0.00E+00
892	259902.2	4026268.5	0.001910469	3.50E-04	2.61E-04	0.00E+00
893	260036.5	4026319.58	0.002666793	4.88E-04	3.64E-04	0.00E+00
894	260070.1	4026332.35	0.002861515	5.24E-04	3.91E-04	0.00E+00
895	260103.7	4026345.12	0.003056005	5.60E-04	4.18E-04	0.00E+00
896	260137.3	4026357.9	0.003247238	5.95E-04	4.44E-04	0.00E+00
897	260170.9	4026370.67	0.003433818	6.29E-04	4.69E-04	0.00E+00
898	260221.3	4026389.82	0.003701824	6.78E-04	5.06E-04	0.00E+00
899	260252.6	4026429.06	0.004122676	7.55E-04	5.63E-04	0.00E+00
900	260267.2	4026461.92	0.004487693	8.22E-04	6.13E-04	0.00E+00
901	260281.7	4026494.77	0.00488342	8.94E-04	6.67E-04	0.00E+00
902	260296.3	4026527.63	0.005311019	9.72E-04	7.26E-04	0.00E+00
903	260310.8	4026560.48	0.005767931	1.06E-03	7.88E-04	0.00E+00
904	260325.4	4026593.34	0.006239499	1.14E-03	8.53E-04	0.00E+00
905	260339.9	4026626.19	0.00669106	1.23E-03	9.14E-04	0.00E+00
906	260354.5	4026659.05	0.007082134	1.30E-03	9.68E-04	0.00E+00
907	260369	4026691.9	0.007361771	1.35E-03	1.01E-03	0.00E+00
908	260383.6	4026724.76	0.007489493	1.37E-03	1.02E-03	0.00E+00
909	260398.2	4026757.62	0.007468322	1.37E-03	1.02E-03	0.00E+00
910	260412.7	4026790.47	0.00732292	1.34E-03	1.00E-03	0.00E+00
911	260427.3	4026823.33	0.007099582	1.30E-03	9.70E-04	0.00E+00
912	260441.8	4026856.18	0.006818548	1.25E-03	9.32E-04	0.00E+00
913	259715.7	4026205.24	0.001147398	2.10E-04	1.57E-04	0.00E+00
914	259744.9	4026011.23	0.000808436	1.48E-04	1.10E-04	0.00E+00
915	259779	4026024.19	0.000872646	1.60E-04	1.19E-04	0.00E+00
916	259864.2	4026056.6	0.001068532	1.96E-04	1.46E-04	0.00E+00
917	259898.3	4026069.56	0.001161589	2.13E-04	1.59E-04	0.00E+00
918	259932.4	4026082.52	0.001263022	2.31E-04	1.73E-04	0.00E+00
919	259966.5	4026095.49	0.001372131	2.51E-04	1.88E-04	0.00E+00
920	260000.6	4026108.45	0.001488919	2.73E-04	2.03E-04	0.00E+00
921	260034.7	4026121.41	0.001612452	2.95E-04	2.20E-04	0.00E+00
922	260068.8	4026134.38	0.001741104	3.19E-04	2.38E-04	0.00E+00
923	260102.9	4026147.34	0.001873711	3.43E-04	2.56E-04	0.00E+00
924	260137	4026160.3	0.002007946	3.68E-04	2.74E-04	0.00E+00
925	260171.1	4026173.26	0.002143345	3.92E-04	2.93E-04	0.00E+00
926	260222.2	4026192.71	0.00234621	4.30E-04	3.21E-04	0.00E+00
927	260341.5	4026238.08	0.002761944	5.06E-04	3.77E-04	0.00E+00
928	260383	4026267.72	0.002959691	5.42E-04	4.04E-04	0.00E+00
929	260397.8	4026301.06	0.003163486	5.79E-04	4.32E-04	0.00E+00
930	260412.6	4026334.41	0.003373098	6.18E-04	4.61E-04	0.00E+00
931	260427.3	4026367.76	0.003585037	6.56E-04	4.90E-04	0.00E+00
932	260442.1	4026401.11	0.003794881	6.95E-04	5.19E-04	0.00E+00
933	260456.9	4026434.46	0.003997979	7.32E-04	5.46E-04	0.00E+00

934	260471.7	4026467.81	0.004185955	7.66E-04	5.72E-04	0.00E+00
935	260486.4	4026501.16	0.004348573	7.96E-04	5.94E-04	0.00E+00
936	260501.2	4026534.51	0.004477224	8.20E-04	6.12E-04	0.00E+00
937	260516	4026567.86	0.004559813	8.35E-04	6.23E-04	0.00E+00
938	260530.8	4026601.21	0.004590754	8.41E-04	6.27E-04	0.00E+00
939	260545.5	4026634.56	0.00456749	8.36E-04	6.24E-04	0.00E+00
940	260560.3	4026667.91	0.004495603	8.23E-04	6.14E-04	0.00E+00
941	260575.1	4026701.26	0.004379979	8.02E-04	5.99E-04	0.00E+00
942	260589.8	4026734.61	0.004238998	7.76E-04	5.79E-04	0.00E+00
943	260604.6	4026767.96	0.004069633	7.45E-04	5.56E-04	0.00E+00
944	260619.4	4026801.3	0.003877469	7.10E-04	5.30E-04	0.00E+00
945	260634.2	4026834.65	0.003666927	6.71E-04	5.01E-04	0.00E+00
946	259709.4	4026005.34	0.000759348	1.39E-04	1.04E-04	0.00E+00
947	259738.7	4025811.39	0.000582772	1.07E-04	7.96E-05	0.00E+00
948	259773.1	4025824.48	0.000621158	1.14E-04	8.49E-05	0.00E+00
949	259859.2	4025857.2	0.000737015	1.35E-04	1.01E-04	0.00E+00
950	259893.6	4025870.29	0.000791453	1.45E-04	1.08E-04	0.00E+00
951	259928	4025883.38	0.000850545	1.56E-04	1.16E-04	0.00E+00
952	259962.4	4025896.47	0.000914987	1.68E-04	1.25E-04	0.00E+00
953	259996.9	4025909.55	0.000985478	1.80E-04	1.35E-04	0.00E+00
954	260031.3	4025922.64	0.001060854	1.94E-04	1.45E-04	0.00E+00
955	260065.7	4025935.73	0.001141116	2.09E-04	1.56E-04	0.00E+00
956	260100.1	4025948.82	0.001225333	2.24E-04	1.67E-04	0.00E+00
957	260134.5	4025961.91	0.001310946	2.40E-04	1.79E-04	0.00E+00
958	260169	4025974.99	0.001407959	2.58E-04	1.92E-04	0.00E+00
959	260341.1	4026040.43	0.001879294	3.44E-04	2.57E-04	0.00E+00
960	260375.5	4026053.52	0.001961883	3.59E-04	2.68E-04	0.00E+00
961	260409.9	4026066.61	0.002042377	3.74E-04	2.79E-04	0.00E+00
962	260444.4	4026079.7	0.002117289	3.88E-04	2.89E-04	0.00E+00
963	260478.8	4026092.79	0.002184988	4.00E-04	2.99E-04	0.00E+00
964	260520.7	4026122.71	0.00230573	4.22E-04	3.15E-04	0.00E+00
965	260535.6	4026156.38	0.002435545	4.46E-04	3.33E-04	0.00E+00
966	260550.5	4026190.05	0.002561172	4.69E-04	3.50E-04	0.00E+00
967	260565.4	4026223.72	0.002684008	4.91E-04	3.67E-04	0.00E+00
968	260580.3	4026257.4	0.002798702	5.12E-04	3.82E-04	0.00E+00
969	260595.2	4026291.07	0.002907346	5.32E-04	3.97E-04	0.00E+00
970	260610.2	4026324.74	0.003002962	5.50E-04	4.10E-04	0.00E+00
971	260625.1	4026358.41	0.00308369	5.65E-04	4.21E-04	0.00E+00
972	260640	4026392.08	0.003145108	5.76E-04	4.30E-04	0.00E+00
973	260654.9	4026425.75	0.003183726	5.83E-04	4.35E-04	0.00E+00
974	260669.8	4026459.43	0.003197452	5.85E-04	4.37E-04	0.00E+00
975	260684.7	4026493.1	0.003183261	5.83E-04	4.35E-04	0.00E+00
976	260699.7	4026526.77	0.003143247	5.76E-04	4.30E-04	0.00E+00
977	260714.6	4026560.44	0.003083457	5.65E-04	4.21E-04	0.00E+00
978	260729.5	4026594.11	0.003005754	5.50E-04	4.11E-04	0.00E+00
979	260744.4	4026627.78	0.002911533	5.33E-04	3.98E-04	0.00E+00
980	260759.3	4026661.45	0.002797538	5.12E-04	3.82E-04	0.00E+00

981	260774.2	4026695.13	0.002681914	4.91E-04	3.67E-04	0.00E+00
982	260789.2	4026728.8	0.002552332	4.67E-04	3.49E-04	0.00E+00
983	260804.1	4026762.47	0.002415072	4.42E-04	3.30E-04	0.00E+00
984	260819	4026796.14	0.002273392	4.16E-04	3.11E-04	0.00E+00
985	260833.9	4026829.81	0.002130549	3.90E-04	2.91E-04	0.00E+00
986	259703	4025805.44	0.000553459	1.01E-04	7.56E-05	0.00E+00
987	259732.1	4025611.42	0.000451096	8.26E-05	6.16E-05	0.00E+00
988	259766.1	4025624.36	0.000475989	8.71E-05	6.51E-05	0.00E+00
989	259851.2	4025656.7	0.000547643	1.00E-04	7.48E-05	0.00E+00
990	259885.2	4025669.63	0.000581842	1.07E-04	7.95E-05	0.00E+00
991	259919.2	4025682.57	0.000618832	1.13E-04	8.46E-05	0.00E+00
992	259953.3	4025695.51	0.000657683	1.20E-04	8.99E-05	0.00E+00
993	259987.3	4025708.44	0.000700257	1.28E-04	9.57E-05	0.00E+00
994	260021.3	4025721.38	0.000747251	1.37E-04	1.02E-04	0.00E+00
995	260055.3	4025734.32	0.000797502	1.46E-04	1.09E-04	0.00E+00
996	260089.4	4025747.25	0.000850312	1.56E-04	1.16E-04	0.00E+00
997	260123.4	4025760.19	0.000907542	1.66E-04	1.24E-04	0.00E+00
998	260157.4	4025773.13	0.000967797	1.77E-04	1.32E-04	0.00E+00
999	260208.5	4025792.53	0.001064111	1.95E-04	1.45E-04	0.00E+00
1000	260344.6	4025844.28	0.001334443	2.44E-04	1.82E-04	0.00E+00
1001	260378.6	4025857.22	0.001399351	2.56E-04	1.91E-04	0.00E+00
1002	260412.6	4025870.15	0.00146263	2.68E-04	2.00E-04	0.00E+00
1003	260446.6	4025883.09	0.001523582	2.79E-04	2.08E-04	0.00E+00
1004	260480.7	4025896.02	0.001579417	2.89E-04	2.16E-04	0.00E+00
1005	260514.7	4025908.96	0.001629668	2.98E-04	2.23E-04	0.00E+00
1006	260548.7	4025921.9	0.001689225	3.09E-04	2.31E-04	0.00E+00
1007	260582.7	4025934.83	0.001739941	3.19E-04	2.38E-04	0.00E+00
1008	260616.8	4025947.77	0.001783678	3.27E-04	2.44E-04	0.00E+00
1009	260658.2	4025977.35	0.001863707	3.41E-04	2.55E-04	0.00E+00
1010	260672.9	4026010.63	0.001946528	3.56E-04	2.66E-04	0.00E+00
1011	260687.6	4026043.91	0.002027023	3.71E-04	2.77E-04	0.00E+00
1012	260702.4	4026077.19	0.002102632	3.85E-04	2.87E-04	0.00E+00
1013	260717.1	4026110.48	0.00217289	3.98E-04	2.97E-04	0.00E+00
1014	260731.9	4026143.76	0.002236635	4.10E-04	3.06E-04	0.00E+00
1015	260746.6	4026177.04	0.002292702	4.20E-04	3.13E-04	0.00E+00
1016	260761.4	4026210.32	0.002338765	4.28E-04	3.20E-04	0.00E+00
1017	260776.1	4026243.6	0.002374825	4.35E-04	3.25E-04	0.00E+00
1018	260790.8	4026276.89	0.002398787	4.39E-04	3.28E-04	0.00E+00
1019	260805.6	4026310.17	0.00240786	4.41E-04	3.29E-04	0.00E+00
1020	260820.3	4026343.45	0.002402975	4.40E-04	3.28E-04	0.00E+00
1021	260835.1	4026376.73	0.002383665	4.36E-04	3.26E-04	0.00E+00
1022	260849.8	4026410.01	0.002350397	4.30E-04	3.21E-04	0.00E+00
1023	260864.6	4026443.3	0.002304334	4.22E-04	3.15E-04	0.00E+00
1024	260879.3	4026476.58	0.002247802	4.12E-04	3.07E-04	0.00E+00
1025	260894.1	4026509.86	0.002180335	3.99E-04	2.98E-04	0.00E+00
1026	260908.8	4026543.14	0.002106122	3.86E-04	2.88E-04	0.00E+00
1027	260923.5	4026576.42	0.002028884	3.71E-04	2.77E-04	0.00E+00

1028	260938.3	4026609.71	0.00194583	3.56E-04	2.66E-04	0.00E+00
1029	260953	4026642.99	0.001857658	3.40E-04	2.54E-04	0.00E+00
1030	260967.8	4026676.27	0.001766462	3.23E-04	2.41E-04	0.00E+00
1031	260982.5	4026709.55	0.001675033	3.07E-04	2.29E-04	0.00E+00
1032	260997.3	4026742.83	0.001577788	2.89E-04	2.16E-04	0.00E+00
1033	261012	4026776.12	0.001481474	2.71E-04	2.02E-04	0.00E+00
1034	261026.7	4026809.4	0.001393535	2.55E-04	1.90E-04	0.00E+00
1035	261041.5	4026842.68	0.001307922	2.39E-04	1.79E-04	0.00E+00
1036	259696.6	4025605.54	0.000430623	7.88E-05	5.89E-05	0.00E+00
1037	259725.8	4025411.57	0.000365018	6.68E-05	4.99E-05	0.00E+00
1038	259760.1	4025424.6	0.000382931	7.01E-05	5.23E-05	0.00E+00
1039	259845.8	4025457.18	0.000433648	7.94E-05	5.93E-05	0.00E+00
1040	259880.1	4025470.21	0.000456447	8.36E-05	6.24E-05	0.00E+00
1041	259914.4	4025483.24	0.000481339	8.81E-05	6.58E-05	0.00E+00
1042	259948.6	4025496.27	0.000507628	9.29E-05	6.94E-05	0.00E+00
1043	259982.9	4025509.3	0.000536243	9.82E-05	7.33E-05	0.00E+00
1044	260017.2	4025522.34	0.000567185	1.04E-04	7.75E-05	0.00E+00
1045	260051.5	4025535.37	0.000601151	1.10E-04	8.22E-05	0.00E+00
1046	260085.7	4025548.4	0.000637676	1.17E-04	8.71E-05	0.00E+00
1047	260120	4025561.43	0.00067676	1.24E-04	9.25E-05	0.00E+00
1048	260154.3	4025574.46	0.000716775	1.31E-04	9.80E-05	0.00E+00
1049	260205.7	4025594.01	0.000781217	1.43E-04	1.07E-04	0.00E+00
1050	260291.4	4025626.59	0.000901726	1.65E-04	1.23E-04	0.00E+00
1051	260342.8	4025646.13	0.000975474	1.79E-04	1.33E-04	0.00E+00
1052	260377.1	4025659.16	0.001025958	1.88E-04	1.40E-04	0.00E+00
1053	260411.3	4025672.2	0.001075744	1.97E-04	1.47E-04	0.00E+00
1054	260445.6	4025685.23	0.001125529	2.06E-04	1.54E-04	0.00E+00
1055	260479.9	4025698.26	0.00117485	2.15E-04	1.61E-04	0.00E+00
1056	260514.2	4025711.29	0.001222542	2.24E-04	1.67E-04	0.00E+00
1057	260548.4	4025724.32	0.001268605	2.32E-04	1.73E-04	0.00E+00
1058	260582.7	4025737.35	0.001312575	2.40E-04	1.79E-04	0.00E+00
1059	260617	4025750.38	0.00135445	2.48E-04	1.85E-04	0.00E+00
1060	260651.3	4025763.42	0.001393535	2.55E-04	1.90E-04	0.00E+00
1061	260685.5	4025776.45	0.00143006	2.62E-04	1.95E-04	0.00E+00
1062	260719.8	4025789.48	0.001464258	2.68E-04	2.00E-04	0.00E+00
1063	260754.1	4025802.51	0.001494502	2.74E-04	2.04E-04	0.00E+00
1064	260795.8	4025832.3	0.001549871	2.84E-04	2.12E-04	0.00E+00
1065	260810.6	4025865.83	0.001607799	2.94E-04	2.20E-04	0.00E+00
1066	260825.5	4025899.36	0.001662936	3.04E-04	2.27E-04	0.00E+00
1067	260840.3	4025932.88	0.001713885	3.14E-04	2.34E-04	0.00E+00
1068	260855.2	4025966.41	0.001759716	3.22E-04	2.40E-04	0.00E+00
1069	260870	4025999.93	0.001801591	3.30E-04	2.46E-04	0.00E+00
1070	260884.9	4026033.46	0.001837651	3.36E-04	2.51E-04	0.00E+00
1071	260899.7	4026066.98	0.001867895	3.42E-04	2.55E-04	0.00E+00
1072	260914.6	4026100.51	0.001890927	3.46E-04	2.58E-04	0.00E+00
1073	260929.4	4026134.04	0.001905816	3.49E-04	2.60E-04	0.00E+00
1074	260944.3	4026167.56	0.001911399	3.50E-04	2.61E-04	0.00E+00

1075	260959.1	4026201.09	0.001907211	3.49E-04	2.61E-04	0.00E+00
1076	260974	4026234.61	0.001894649	3.47E-04	2.59E-04	0.00E+00
1077	260988.9	4026268.14	0.001871384	3.43E-04	2.56E-04	0.00E+00
1078	261003.7	4026301.67	0.001840443	3.37E-04	2.52E-04	0.00E+00
1079	261018.6	4026335.19	0.00180322	3.30E-04	2.46E-04	0.00E+00
1080	261033.4	4026368.72	0.00175832	3.22E-04	2.40E-04	0.00E+00
1081	261048.3	4026402.24	0.001706208	3.12E-04	2.33E-04	0.00E+00
1082	261063.1	4026435.77	0.001649675	3.02E-04	2.25E-04	0.00E+00
1083	261078	4026469.29	0.001594306	2.92E-04	2.18E-04	0.00E+00
1084	261092.8	4026502.82	0.001535215	2.81E-04	2.10E-04	0.00E+00
1085	261107.7	4026536.35	0.001473099	2.70E-04	2.01E-04	0.00E+00
1086	261122.5	4026569.87	0.001409122	2.58E-04	1.93E-04	0.00E+00
1087	261137.4	4026603.4	0.001345145	2.46E-04	1.84E-04	0.00E+00
1088	261152.2	4026636.92	0.001279772	2.34E-04	1.75E-04	0.00E+00
1089	261167.1	4026670.45	0.001214632	2.22E-04	1.66E-04	0.00E+00
1090	261181.9	4026703.97	0.001149957	2.11E-04	1.57E-04	0.00E+00
1091	261196.8	4026737.5	0.001086445	1.99E-04	1.48E-04	0.00E+00
1092	261211.6	4026771.03	0.001026423	1.88E-04	1.40E-04	0.00E+00
1093	261226.5	4026804.55	0.000969891	1.78E-04	1.33E-04	0.00E+00
1094	261241.3	4026838.08	0.000917081	1.68E-04	1.25E-04	0.00E+00
1095	259690.2	4025405.64	0.000350594	6.42E-05	4.79E-05	0.00E+00
1096	259694.2	4026881.02	0.03385452	6.20E-03	4.63E-03	0.00E+00
1097	259644.5	4026882.1	0.03332479	6.10E-03	4.55E-03	0.00E+00
1098	259619.7	4026882.65	0.03268665	5.98E-03	4.47E-03	0.00E+00
1099	259644	4026857.11	0.02399439	4.39E-03	3.28E-03	0.00E+00
1100	259619.1	4026857.65	0.0232134	4.25E-03	3.17E-03	0.00E+00
1101	259569.5	4026858.74	0.02029978	3.72E-03	2.77E-03	0.00E+00
1102	259544.6	4026859.28	0.01823762	3.34E-03	2.49E-03	0.00E+00
1103	259519.8	4026859.82	0.0157281	2.88E-03	2.15E-03	0.00E+00
1104	259470.1	4026860.91	0.009988782	1.83E-03	1.37E-03	0.00E+00
1105	259445.3	4026861.45	0.007764478	1.42E-03	1.06E-03	0.00E+00
1106	259643.4	4026832.12	0.01816504	3.33E-03	2.48E-03	0.00E+00
1107	259618.6	4026832.66	0.01730123	3.17E-03	2.36E-03	0.00E+00
1108	259544.1	4026834.29	0.01309201	2.40E-03	1.79E-03	0.00E+00
1109	259519.3	4026834.83	0.01116991	2.05E-03	1.53E-03	0.00E+00
1110	259444.8	4026836.46	0.006137601	1.12E-03	8.39E-04	0.00E+00
1111	259667.7	4026806.58	0.01481055	2.71E-03	2.02E-03	0.00E+00
1112	259642.9	4026807.12	0.01393837	2.55E-03	1.90E-03	0.00E+00
1113	259568.4	4026808.75	0.01110477	2.03E-03	1.52E-03	0.00E+00
1114	259543.5	4026809.29	0.009786847	1.79E-03	1.34E-03	0.00E+00
1115	259469	4026810.92	0.005872388	1.08E-03	8.03E-04	0.00E+00
1116	259444.2	4026811.46	0.005020912	9.19E-04	6.86E-04	0.00E+00
1117	259691.5	4026756.05	0.01039312	1.90E-03	1.42E-03	0.00E+00
1118	259666.6	4026756.59	0.009849428	1.80E-03	1.35E-03	0.00E+00
1119	259641.8	4026757.13	0.00918337	1.68E-03	1.26E-03	0.00E+00
1120	259592.1	4026758.22	0.00773214	1.42E-03	1.06E-03	0.00E+00
1121	259567.3	4026758.76	0.006936965	1.27E-03	9.48E-04	0.00E+00

1122	259542.5	4026759.3	0.006109916	1.12E-03	8.35E-04	0.00E+00
1123	259492.8	4026760.39	0.004619137	8.46E-04	6.31E-04	0.00E+00
1124	259468	4026760.93	0.004061258	7.44E-04	5.55E-04	0.00E+00
1125	259443.1	4026761.48	0.003632728	6.65E-04	4.96E-04	0.00E+00
1126	259690.4	4026706.06	0.007388293	1.35E-03	1.01E-03	0.00E+00
1127	259665.5	4026706.6	0.006924169	1.27E-03	9.46E-04	0.00E+00
1128	259591	4026708.23	0.005370343	9.83E-04	7.34E-04	0.00E+00
1129	259566.2	4026708.77	0.004832471	8.85E-04	6.60E-04	0.00E+00
1130	259491.7	4026710.4	0.003418464	6.26E-04	4.67E-04	0.00E+00
1131	259466.9	4026710.95	0.00307578	5.63E-04	4.20E-04	0.00E+00
1132	259689.3	4026656.07	0.005438275	9.96E-04	7.43E-04	0.00E+00
1133	259639.6	4026657.16	0.004690791	8.59E-04	6.41E-04	0.00E+00
1134	259614.8	4026657.7	0.004316235	7.90E-04	5.90E-04	0.00E+00
1135	259589.9	4026658.24	0.003939352	7.21E-04	5.38E-04	0.00E+00
1136	259515.4	4026659.87	0.00295085	5.40E-04	4.03E-04	0.00E+00
1137	259490.6	4026660.41	0.002680751	4.91E-04	3.66E-04	0.00E+00
1138	259663.3	4026606.63	0.003853042	7.05E-04	5.27E-04	0.00E+00
1139	259638.5	4026607.17	0.00356247	6.52E-04	4.87E-04	0.00E+00
1140	259613.7	4026607.71	0.003279343	6.00E-04	4.48E-04	0.00E+00
1141	259539.2	4026609.34	0.002568152	4.70E-04	3.51E-04	0.00E+00
1142	259514.3	4026609.88	0.002363193	4.33E-04	3.23E-04	0.00E+00
1143	259439.8	4026611.51	0.001891624	3.46E-04	2.59E-04	0.00E+00
1144	259636.3	4026507.19	0.002287351	4.19E-04	3.13E-04	0.00E+00
1145	259611.5	4026507.74	0.00213939	3.92E-04	2.92E-04	0.00E+00
1146	259586.7	4026508.28	0.002000967	3.66E-04	2.73E-04	0.00E+00
1147	259561.8	4026508.82	0.001874409	3.43E-04	2.56E-04	0.00E+00
1148	259487.3	4026510.45	0.001548475	2.84E-04	2.12E-04	0.00E+00
1149	259462.5	4026510.99	0.001461932	2.68E-04	2.00E-04	0.00E+00
1150	259634.1	4026407.22	0.001626644	2.98E-04	2.22E-04	0.00E+00
1151	259609.3	4026407.76	0.001525676	2.79E-04	2.09E-04	0.00E+00
1152	259584.5	4026408.3	0.001438435	2.63E-04	1.97E-04	0.00E+00
1153	259559.6	4026408.85	0.001361663	2.49E-04	1.86E-04	0.00E+00
1154	259534.8	4026409.39	0.001294196	2.37E-04	1.77E-04	0.00E+00
1155	259435.5	4026411.56	0.00107714	1.97E-04	1.47E-04	0.00E+00
1156	259632	4026307.24	0.001238129	2.27E-04	1.69E-04	0.00E+00
1157	259607.1	4026307.78	0.001178339	2.16E-04	1.61E-04	0.00E+00
1158	259582.3	4026308.33	0.00112204	2.05E-04	1.53E-04	0.00E+00
1159	259557.5	4026308.87	0.001070393	1.96E-04	1.46E-04	0.00E+00
1160	259532.6	4026309.41	0.001023399	1.87E-04	1.40E-04	0.00E+00
1161	259507.8	4026309.96	0.000980592	1.80E-04	1.34E-04	0.00E+00
1162	259483	4026310.5	0.000942439	1.73E-04	1.29E-04	0.00E+00
1163	259458.1	4026311.04	0.000908706	1.66E-04	1.24E-04	0.00E+00
1164	259433.3	4026311.58	0.000878927	1.61E-04	1.20E-04	0.00E+00
1165	259679.4	4026206.18	0.001075278	1.97E-04	1.47E-04	0.00E+00
1166	259654.6	4026206.72	0.00102875	1.88E-04	1.41E-04	0.00E+00
1167	259629.8	4026207.27	0.000983617	1.80E-04	1.34E-04	0.00E+00
1168	259604.9	4026207.81	0.000941974	1.72E-04	1.29E-04	0.00E+00

1169	259580.1	4026208.35	0.000902657	1.65E-04	1.23E-04	0.00E+00
1170	259555.3	4026208.89	0.000865434	1.58E-04	1.18E-04	0.00E+00
1171	259530.4	4026209.44	0.000832631	1.52E-04	1.14E-04	0.00E+00
1172	259675.1	4026006.23	0.000723987	1.33E-04	9.89E-05	0.00E+00
1173	259650.2	4026006.77	0.000699792	1.28E-04	9.56E-05	0.00E+00
1174	259625.4	4026007.31	0.00067676	1.24E-04	9.25E-05	0.00E+00
1175	259600.6	4026007.86	0.000655822	1.20E-04	8.96E-05	0.00E+00
1176	259575.7	4026008.4	0.000636513	1.17E-04	8.70E-05	0.00E+00
1177	259550.9	4026008.94	0.000618367	1.13E-04	8.45E-05	0.00E+00
1178	259526.1	4026009.48	0.000601616	1.10E-04	8.22E-05	0.00E+00
1179	259670.7	4025806.28	0.00053415	9.78E-05	7.30E-05	0.00E+00
1180	259645.9	4025806.82	0.000519493	9.51E-05	7.10E-05	0.00E+00
1181	259621	4025807.36	0.000505534	9.26E-05	6.91E-05	0.00E+00
1182	259596.2	4025807.9	0.000492972	9.03E-05	6.74E-05	0.00E+00
1183	259571.4	4025808.45	0.000481572	8.82E-05	6.58E-05	0.00E+00
1184	259546.5	4025808.99	0.000471336	8.63E-05	6.44E-05	0.00E+00
1185	259521.7	4025809.53	0.000462495	8.47E-05	6.32E-05	0.00E+00
1186	259666.3	4025606.32	0.000417595	7.65E-05	5.71E-05	0.00E+00
1187	259641.5	4025606.87	0.000407824	7.47E-05	5.57E-05	0.00E+00
1188	259616.7	4025607.41	0.000398984	7.31E-05	5.45E-05	0.00E+00
1189	259591.8	4025607.95	0.000390609	7.15E-05	5.34E-05	0.00E+00
1190	259567	4025608.49	0.000384095	7.03E-05	5.25E-05	0.00E+00
1191	259542.2	4025609.04	0.000378046	6.92E-05	5.17E-05	0.00E+00
1192	259517.3	4025609.58	0.000372928	6.83E-05	5.10E-05	0.00E+00
1193	259662	4025406.37	0.000342219	6.27E-05	4.68E-05	0.00E+00
1194	259637.1	4025406.91	0.000335472	6.14E-05	4.58E-05	0.00E+00
1195	259612.3	4025407.46	0.000328958	6.02E-05	4.50E-05	0.00E+00
1196	259587.5	4025408	0.000323375	5.92E-05	4.42E-05	0.00E+00
1197	259562.6	4025408.54	0.000318954	5.84E-05	4.36E-05	0.00E+00
1198	259537.8	4025409.08	0.000314999	5.77E-05	4.30E-05	0.00E+00
1199	259513	4025409.63	0.00031151	5.70E-05	4.26E-05	0.00E+00
1200	259488.1	4025410.17	0.000308485	5.65E-05	4.22E-05	0.00E+00
1201	259463.3	4025410.71	0.000305926	5.60E-05	4.18E-05	0.00E+00
1202	259438.5	4025411.26	0.000303832	5.56E-05	4.15E-05	0.00E+00
1203	259413.6	4025411.8	0.000301971	5.53E-05	4.13E-05	0.00E+00
1204	259422.2	4026953.67	0.01646162	3.01E-03	2.25E-03	0.00E+00
1205	259423	4026995.42	0.02487797	4.55E-03	3.40E-03	0.00E+00
1206	259396.8	4026933.27	0.009539083	1.75E-03	1.30E-03	0.00E+00
1207	259397.6	4026975.02	0.01387184	2.54E-03	1.90E-03	0.00E+00
1208	259398.4	4027016.78	0.02589206	4.74E-03	3.54E-03	0.00E+00
1209	259409.8	4026851.82	0.005451768	9.98E-04	7.45E-04	0.00E+00
1210	259317.3	4026860.93	0.003518733	6.44E-04	4.81E-04	0.00E+00
1211	259331.2	4026825.36	0.003173723	5.81E-04	4.34E-04	0.00E+00
1212	259355.7	4026799.88	0.003086249	5.65E-04	4.22E-04	0.00E+00
1213	259296.8	4026935.18	0.004405105	8.07E-04	6.02E-04	0.00E+00
1214	259297.6	4026976.93	0.005375926	9.84E-04	7.35E-04	0.00E+00
1215	259298.4	4027018.68	0.006667098	1.22E-03	9.11E-04	0.00E+00

1216	259354.6	4026749.9	0.002473931	4.53E-04	3.38E-04	0.00E+00
1217	259389.6	4026734.53	0.002587926	4.74E-04	3.54E-04	0.00E+00
1218	259217.3	4026862.84	0.002455087	4.50E-04	3.36E-04	0.00E+00
1219	259231.2	4026827.26	0.002290143	4.19E-04	3.13E-04	0.00E+00
1220	259245.2	4026791.69	0.002128456	3.90E-04	2.91E-04	0.00E+00
1221	259259.1	4026756.11	0.001968397	3.60E-04	2.69E-04	0.00E+00
1222	259283.5	4026730.64	0.001918146	3.51E-04	2.62E-04	0.00E+00
1223	259371	4026692.23	0.002070992	3.79E-04	2.83E-04	0.00E+00
1224	259406	4026676.86	0.002151953	3.94E-04	2.94E-04	0.00E+00
1225	259196.8	4026937.09	0.002880127	5.27E-04	3.94E-04	0.00E+00
1226	259197.6	4026978.84	0.003273061	5.99E-04	4.47E-04	0.00E+00
1227	259198.4	4027020.59	0.003703452	6.78E-04	5.06E-04	0.00E+00
1228	259169.2	4026858.94	0.002110077	3.86E-04	2.88E-04	0.00E+00
1229	259184.4	4026820.13	0.001972584	3.61E-04	2.70E-04	0.00E+00
1230	259199.6	4026781.32	0.001838814	3.37E-04	2.51E-04	0.00E+00
1231	259214.8	4026742.51	0.001705277	3.12E-04	2.33E-04	0.00E+00
1232	259249	4026695.31	0.001594771	2.92E-04	2.18E-04	0.00E+00
1233	259287.2	4026678.55	0.001636182	3.00E-04	2.24E-04	0.00E+00
1234	259325.4	4026661.79	0.001682943	3.08E-04	2.30E-04	0.00E+00
1235	259401.7	4026628.27	0.00180764	3.31E-04	2.47E-04	0.00E+00
1236	259146.8	4026938.04	0.002447177	4.48E-04	3.34E-04	0.00E+00
1237	259147.6	4026979.79	0.002729606	5.00E-04	3.73E-04	0.00E+00
1238	259148.4	4027021.55	0.003035533	5.56E-04	4.15E-04	0.00E+00
1239	259213.8	4026609.86	0.001188343	2.18E-04	1.62E-04	0.00E+00
1240	259251.1	4026593.47	0.001199045	2.20E-04	1.64E-04	0.00E+00
1241	259288.4	4026577.09	0.001227892	2.25E-04	1.68E-04	0.00E+00
1242	259325.7	4026560.7	0.001278841	2.34E-04	1.75E-04	0.00E+00
1243	259363	4026544.31	0.001315134	2.41E-04	1.80E-04	0.00E+00
1244	258968.5	4026864.8	0.001397024	2.56E-04	1.91E-04	0.00E+00
1245	258983.1	4026827.35	0.001318623	2.41E-04	1.80E-04	0.00E+00
1246	258997.8	4026789.9	0.001243014	2.28E-04	1.70E-04	0.00E+00
1247	259012.4	4026752.45	0.001185319	2.17E-04	1.62E-04	0.00E+00
1248	259027.1	4026715	0.001132509	2.07E-04	1.55E-04	0.00E+00
1249	259041.7	4026677.55	0.001075046	1.97E-04	1.47E-04	0.00E+00
1250	259056.4	4026640.1	0.001015024	1.86E-04	1.39E-04	0.00E+00
1251	259071	4026602.65	0.000958491	1.75E-04	1.31E-04	0.00E+00
1252	259104.1	4026557.11	0.000914522	1.67E-04	1.25E-04	0.00E+00
1253	259140.9	4026540.94	0.000929644	1.70E-04	1.27E-04	0.00E+00
1254	259177.7	4026524.76	0.000943835	1.73E-04	1.29E-04	0.00E+00
1255	259251.4	4026492.42	0.000970124	1.78E-04	1.33E-04	0.00E+00
1256	259288.2	4026476.25	0.000977336	1.79E-04	1.34E-04	0.00E+00
1257	259325	4026460.08	0.000998506	1.83E-04	1.36E-04	0.00E+00
1258	259361.8	4026443.9	0.001031774	1.89E-04	1.41E-04	0.00E+00
1259	259398.7	4026427.73	0.001055038	1.93E-04	1.44E-04	0.00E+00
1260	258946.9	4026941.86	0.001541729	2.82E-04	2.11E-04	0.00E+00
1261	258947.7	4026983.61	0.001651536	3.02E-04	2.26E-04	0.00E+00
1262	258948.5	4027025.36	0.001759483	3.22E-04	2.40E-04	0.00E+00

1263	259070.8	4026470.81	0.000754696	1.38E-04	1.03E-04	0.00E+00
1264	259108.9	4026454.05	0.000766095	1.40E-04	1.05E-04	0.00E+00
1265	259147.1	4026437.29	0.000778891	1.43E-04	1.06E-04	0.00E+00
1266	259185.3	4026420.53	0.000789592	1.45E-04	1.08E-04	0.00E+00
1267	259223.4	4026403.76	0.000794245	1.45E-04	1.09E-04	0.00E+00
1268	259299.7	4026370.24	0.000822628	1.51E-04	1.12E-04	0.00E+00
1269	259337.9	4026353.48	0.000839843	1.54E-04	1.15E-04	0.00E+00
1270	259376	4026336.72	0.000855663	1.57E-04	1.17E-04	0.00E+00
1271	258754	4026905.64	0.001097845	2.01E-04	1.50E-04	0.00E+00
1272	258769	4026867.32	0.001066903	1.95E-04	1.46E-04	0.00E+00
1273	258784	4026829.01	0.001032472	1.89E-04	1.41E-04	0.00E+00
1274	258799	4026790.69	0.000994086	1.82E-04	1.36E-04	0.00E+00
1275	258814	4026752.38	0.000949651	1.74E-04	1.30E-04	0.00E+00
1276	258829	4026714.06	0.000903587	1.65E-04	1.23E-04	0.00E+00
1277	258844	4026675.75	0.000861014	1.58E-04	1.18E-04	0.00E+00
1278	258858.9	4026637.43	0.000820766	1.50E-04	1.12E-04	0.00E+00
1279	258873.9	4026599.12	0.000785172	1.44E-04	1.07E-04	0.00E+00
1280	258888.9	4026560.8	0.000746786	1.37E-04	1.02E-04	0.00E+00
1281	258903.9	4026522.49	0.000708167	1.30E-04	9.68E-05	0.00E+00
1282	258918.9	4026484.17	0.000671642	1.23E-04	9.18E-05	0.00E+00
1283	258933.9	4026445.86	0.000638374	1.17E-04	8.72E-05	0.00E+00
1284	258960.2	4026418.42	0.00062395	1.14E-04	8.53E-05	0.00E+00
1285	258997.9	4026401.88	0.000628603	1.15E-04	8.59E-05	0.00E+00
1286	259035.6	4026385.33	0.000637211	1.17E-04	8.71E-05	0.00E+00
1287	259110.9	4026352.24	0.000655589	1.20E-04	8.96E-05	0.00E+00
1288	259148.6	4026335.7	0.00066536	1.22E-04	9.09E-05	0.00E+00
1289	259186.2	4026319.15	0.000675829	1.24E-04	9.24E-05	0.00E+00
1290	259223.9	4026302.61	0.000685833	1.26E-04	9.37E-05	0.00E+00
1291	259261.6	4026286.06	0.000695604	1.27E-04	9.51E-05	0.00E+00
1292	259299.3	4026269.52	0.000704212	1.29E-04	9.62E-05	0.00E+00
1293	258746.9	4026945.67	0.001134602	2.08E-04	1.55E-04	0.00E+00
1294	258747.7	4026987.42	0.001181596	2.16E-04	1.61E-04	0.00E+00
1295	258748.5	4027029.18	0.001231382	2.25E-04	1.68E-04	0.00E+00
1296	258554.2	4026909.2	0.000872181	1.60E-04	1.19E-04	0.00E+00
1297	258569.3	4026870.39	0.00085985	1.57E-04	1.18E-04	0.00E+00
1298	258584.5	4026831.58	0.00083868	1.54E-04	1.15E-04	0.00E+00
1299	258599.7	4026792.76	0.000818207	1.50E-04	1.12E-04	0.00E+00
1300	258614.9	4026753.95	0.000795408	1.46E-04	1.09E-04	0.00E+00
1301	258630.1	4026715.14	0.00076563	1.40E-04	1.05E-04	0.00E+00
1302	258645.3	4026676.33	0.000738411	1.35E-04	1.01E-04	0.00E+00
1303	258660.4	4026637.51	0.000710028	1.30E-04	9.70E-05	0.00E+00
1304	258675.6	4026598.7	0.000682111	1.25E-04	9.32E-05	0.00E+00
1305	258690.8	4026559.89	0.000654659	1.20E-04	8.95E-05	0.00E+00
1306	258706	4026521.08	0.000626974	1.15E-04	8.57E-05	0.00E+00
1307	258721.2	4026482.26	0.000598359	1.10E-04	8.18E-05	0.00E+00
1308	258736.4	4026443.45	0.000569279	1.04E-04	7.78E-05	0.00E+00
1309	258751.6	4026404.64	0.000541362	9.91E-05	7.40E-05	0.00E+00

1310	258766.7	4026365.83	0.000514142	9.41E-05	7.03E-05	0.00E+00
1311	258781.9	4026327.01	0.000488319	8.94E-05	6.67E-05	0.00E+00
1312	258816.2	4026279.82	0.000465985	8.53E-05	6.37E-05	0.00E+00
1313	258854.3	4026263.06	0.000466916	8.55E-05	6.38E-05	0.00E+00
1314	258892.5	4026246.3	0.000470871	8.62E-05	6.44E-05	0.00E+00
1315	258968.8	4026212.78	0.000482735	8.84E-05	6.60E-05	0.00E+00
1316	259007	4026196.02	0.000489249	8.96E-05	6.69E-05	0.00E+00
1317	259045.1	4026179.26	0.000497392	9.11E-05	6.80E-05	0.00E+00
1318	259083.3	4026162.5	0.000506232	9.27E-05	6.92E-05	0.00E+00
1319	259121.5	4026145.74	0.000515073	9.43E-05	7.04E-05	0.00E+00
1320	259159.6	4026128.98	0.00052275	9.57E-05	7.14E-05	0.00E+00
1321	258547	4026949.49	0.000889396	1.63E-04	1.22E-04	0.00E+00
1322	258547.8	4026991.24	0.000918477	1.68E-04	1.26E-04	0.00E+00
1323	258548.6	4027032.99	0.000945696	1.73E-04	1.29E-04	0.00E+00
1324	258354.1	4026913.33	0.00072515	1.33E-04	9.91E-05	0.00E+00
1325	258369	4026875.15	0.000715611	1.31E-04	9.78E-05	0.00E+00
1326	258383.9	4026836.97	0.000700257	1.28E-04	9.57E-05	0.00E+00
1327	258398.9	4026798.79	0.00069351	1.27E-04	9.48E-05	0.00E+00
1328	258413.8	4026760.61	0.000682809	1.25E-04	9.33E-05	0.00E+00
1329	258428.8	4026722.43	0.000665826	1.22E-04	9.10E-05	0.00E+00
1330	258443.7	4026684.24	0.000648843	1.19E-04	8.87E-05	0.00E+00
1331	258458.6	4026646.06	0.000630697	1.15E-04	8.62E-05	0.00E+00
1332	258473.6	4026607.88	0.00061255	1.12E-04	8.37E-05	0.00E+00
1333	258488.5	4026569.7	0.000593241	1.09E-04	8.11E-05	0.00E+00
1334	258503.4	4026531.52	0.000575095	1.05E-04	7.86E-05	0.00E+00
1335	258518.4	4026493.34	0.000557181	1.02E-04	7.61E-05	0.00E+00
1336	258533.3	4026455.15	0.000536941	9.83E-05	7.34E-05	0.00E+00
1337	258548.3	4026416.97	0.000516469	9.46E-05	7.06E-05	0.00E+00
1338	258563.2	4026378.79	0.000494368	9.05E-05	6.76E-05	0.00E+00
1339	258578.1	4026340.61	0.000472732	8.66E-05	6.46E-05	0.00E+00
1340	258593.1	4026302.43	0.000450165	8.24E-05	6.15E-05	0.00E+00
1341	258608	4026264.25	0.000427366	7.82E-05	5.84E-05	0.00E+00
1342	258622.9	4026226.07	0.000407359	7.46E-05	5.57E-05	0.00E+00
1343	258637.9	4026187.88	0.00038898	7.12E-05	5.32E-05	0.00E+00
1344	258671.6	4026141.46	0.000370601	6.79E-05	5.06E-05	0.00E+00
1345	258709.1	4026124.97	0.000368973	6.76E-05	5.04E-05	0.00E+00
1346	258746.7	4026108.48	0.000369671	6.77E-05	5.05E-05	0.00E+00
1347	258821.7	4026075.51	0.000376185	6.89E-05	5.14E-05	0.00E+00
1348	258859.3	4026059.02	0.000381535	6.99E-05	5.21E-05	0.00E+00
1349	258896.8	4026042.53	0.000388282	7.11E-05	5.31E-05	0.00E+00
1350	258934.4	4026026.04	0.000394796	7.23E-05	5.40E-05	0.00E+00
1351	258971.9	4026009.56	0.000402008	7.36E-05	5.49E-05	0.00E+00
1352	259009.4	4025993.07	0.000408987	7.49E-05	5.59E-05	0.00E+00
1353	258347	4026953.3	0.00073748	1.35E-04	1.01E-04	0.00E+00
1354	258347.8	4026995.05	0.000756557	1.39E-04	1.03E-04	0.00E+00
1355	258348.6	4027036.81	0.000776564	1.42E-04	1.06E-04	0.00E+00
1356	258154.2	4026916.97	0.000621624	1.14E-04	8.50E-05	0.00E+00

1357	258169.3	4026878.43	0.000618134	1.13E-04	8.45E-05	0.00E+00
1358	258184.3	4026839.88	0.000609991	1.12E-04	8.34E-05	0.00E+00
1359	258199.4	4026801.34	0.000599057	1.10E-04	8.19E-05	0.00E+00
1360	258214.5	4026762.8	0.000588123	1.08E-04	8.04E-05	0.00E+00
1361	258229.6	4026724.25	0.000578119	1.06E-04	7.90E-05	0.00E+00
1362	258244.6	4026685.71	0.000565789	1.04E-04	7.73E-05	0.00E+00
1363	258259.7	4026647.17	0.00055532	1.02E-04	7.59E-05	0.00E+00
1364	258274.8	4026608.62	0.000544153	9.96E-05	7.44E-05	0.00E+00
1365	258289.9	4026570.08	0.000532754	9.75E-05	7.28E-05	0.00E+00
1366	258305	4026531.54	0.000520191	9.52E-05	7.11E-05	0.00E+00
1367	258320	4026492.99	0.000508791	9.32E-05	6.95E-05	0.00E+00
1368	258335.1	4026454.45	0.000496461	9.09E-05	6.78E-05	0.00E+00
1369	258350.2	4026415.91	0.000483201	8.85E-05	6.60E-05	0.00E+00
1370	258365.3	4026377.36	0.000468544	8.58E-05	6.40E-05	0.00E+00
1371	258380.4	4026338.82	0.000453422	8.30E-05	6.20E-05	0.00E+00
1372	258395.4	4026300.28	0.000436672	8.00E-05	5.97E-05	0.00E+00
1373	258410.5	4026261.73	0.000418293	7.66E-05	5.72E-05	0.00E+00
1374	258425.6	4026223.19	0.00040038	7.33E-05	5.47E-05	0.00E+00
1375	258440.7	4026184.65	0.00038107	6.98E-05	5.21E-05	0.00E+00
1376	258455.8	4026146.11	0.000363389	6.65E-05	4.97E-05	0.00E+00
1377	258470.8	4026107.56	0.000346639	6.35E-05	4.74E-05	0.00E+00
1378	258485.9	4026069.02	0.000330586	6.05E-05	4.52E-05	0.00E+00
1379	258501	4026030.48	0.000316395	5.79E-05	4.32E-05	0.00E+00
1380	258527.5	4026002.88	0.000307322	5.63E-05	4.20E-05	0.00E+00
1381	258565.4	4025986.24	0.000304065	5.57E-05	4.16E-05	0.00E+00
1382	258603.3	4025969.59	0.0003036	5.56E-05	4.15E-05	0.00E+00
1383	258641.2	4025952.95	0.000304996	5.58E-05	4.17E-05	0.00E+00
1384	258679.1	4025936.31	0.00030802	5.64E-05	4.21E-05	0.00E+00
1385	258717	4025919.66	0.000311277	5.70E-05	4.25E-05	0.00E+00
1386	258754.8	4025903.02	0.000315697	5.78E-05	4.31E-05	0.00E+00
1387	258792.7	4025886.37	0.000320815	5.87E-05	4.38E-05	0.00E+00
1388	258830.6	4025869.73	0.000327329	5.99E-05	4.47E-05	0.00E+00
1389	258868.5	4025853.09	0.000334076	6.12E-05	4.57E-05	0.00E+00
1390	258147	4026957.12	0.000631395	1.16E-04	8.63E-05	0.00E+00
1391	258147.8	4026998.87	0.000652332	1.19E-04	8.92E-05	0.00E+00
1392	258148.6	4027040.62	0.000668618	1.22E-04	9.14E-05	0.00E+00
1393	257954.3	4026920.65	0.000560438	1.03E-04	7.66E-05	0.00E+00
1394	257969.4	4026881.84	0.000552761	1.01E-04	7.55E-05	0.00E+00
1395	257984.6	4026843.02	0.000544153	9.96E-05	7.44E-05	0.00E+00
1396	257999.8	4026804.21	0.000535313	9.80E-05	7.32E-05	0.00E+00
1397	258015	4026765.4	0.000524146	9.60E-05	7.16E-05	0.00E+00
1398	258030.2	4026726.59	0.000513444	9.40E-05	7.02E-05	0.00E+00
1399	258045.4	4026687.77	0.000502277	9.20E-05	6.86E-05	0.00E+00
1400	258060.6	4026648.96	0.000493204	9.03E-05	6.74E-05	0.00E+00
1401	258075.7	4026610.15	0.000485062	8.88E-05	6.63E-05	0.00E+00
1402	258090.9	4026571.33	0.000475756	8.71E-05	6.50E-05	0.00E+00
1403	258106.1	4026532.52	0.000467381	8.56E-05	6.39E-05	0.00E+00

1404	258121.3	4026493.71	0.000460402	8.43E-05	6.29E-05	0.00E+00
1405	258136.5	4026454.9	0.000453422	8.30E-05	6.20E-05	0.00E+00
1406	258151.7	4026416.08	0.00044621	8.17E-05	6.10E-05	0.00E+00
1407	258166.8	4026377.27	0.000437835	8.02E-05	5.98E-05	0.00E+00
1408	258182	4026338.46	0.000428529	7.85E-05	5.86E-05	0.00E+00
1409	258197.2	4026299.65	0.00041806	7.65E-05	5.71E-05	0.00E+00
1410	258212.4	4026260.83	0.00040573	7.43E-05	5.54E-05	0.00E+00
1411	258227.6	4026222.02	0.000392004	7.18E-05	5.36E-05	0.00E+00
1412	258242.8	4026183.21	0.000378744	6.93E-05	5.18E-05	0.00E+00
1413	258258	4026144.4	0.000363157	6.65E-05	4.96E-05	0.00E+00
1414	258273.1	4026105.58	0.000348035	6.37E-05	4.76E-05	0.00E+00
1415	258288.3	4026066.77	0.000332215	6.08E-05	4.54E-05	0.00E+00
1416	258303.5	4026027.96	0.00031593	5.78E-05	4.32E-05	0.00E+00
1417	258318.7	4025989.14	0.000301971	5.53E-05	4.13E-05	0.00E+00
1418	258333.9	4025950.33	0.000288478	5.28E-05	3.94E-05	0.00E+00
1419	258349.1	4025911.52	0.000275683	5.05E-05	3.77E-05	0.00E+00
1420	258383.3	4025864.33	0.00026312	4.82E-05	3.60E-05	0.00E+00
1421	258421.5	4025847.57	0.000259863	4.76E-05	3.55E-05	0.00E+00
1422	258459.6	4025830.81	0.000258234	4.73E-05	3.53E-05	0.00E+00
1423	258497.8	4025814.05	0.000257769	4.72E-05	3.52E-05	0.00E+00
1424	258536	4025797.28	0.000258932	4.74E-05	3.54E-05	0.00E+00
1425	258574.1	4025780.52	0.000261491	4.79E-05	3.57E-05	0.00E+00
1426	258612.3	4025763.76	0.000264981	4.85E-05	3.62E-05	0.00E+00
1427	258650.4	4025747	0.000269169	4.93E-05	3.68E-05	0.00E+00
1428	258688.6	4025730.24	0.000274287	5.02E-05	3.75E-05	0.00E+00
1429	258726.8	4025713.48	0.000280335	5.13E-05	3.83E-05	0.00E+00
1430	258764.9	4025696.72	0.000285919	5.23E-05	3.91E-05	0.00E+00
1431	258803.1	4025679.96	0.000291502	5.34E-05	3.98E-05	0.00E+00
1432	258841.2	4025663.2	0.000297086	5.44E-05	4.06E-05	0.00E+00
1433	258879.4	4025646.44	0.000301739	5.52E-05	4.12E-05	0.00E+00
1434	258917.6	4025629.68	0.000304996	5.58E-05	4.17E-05	0.00E+00
1435	258955.7	4025612.92	0.000307787	5.64E-05	4.21E-05	0.00E+00
1436	258993.9	4025596.16	0.000309881	5.67E-05	4.24E-05	0.00E+00
1437	259032	4025579.4	0.000311044	5.69E-05	4.25E-05	0.00E+00
1438	259070.2	4025562.64	0.000311742	5.71E-05	4.26E-05	0.00E+00
1439	259108.4	4025545.88	0.000311277	5.70E-05	4.25E-05	0.00E+00
1440	259146.5	4025529.12	0.000311044	5.69E-05	4.25E-05	0.00E+00
1441	259184.7	4025512.36	0.000310347	5.68E-05	4.24E-05	0.00E+00
1442	259222.8	4025495.6	0.000309416	5.67E-05	4.23E-05	0.00E+00
1443	259261	4025478.84	0.00030802	5.64E-05	4.21E-05	0.00E+00
1444	259299.1	4025462.08	0.000306392	5.61E-05	4.19E-05	0.00E+00
1445	259337.3	4025445.32	0.000304763	5.58E-05	4.17E-05	0.00E+00
1446	259375.5	4025428.56	0.000303135	5.55E-05	4.14E-05	0.00E+00
1447	257947.1	4026960.93	0.000569744	1.04E-04	7.79E-05	0.00E+00
1448	257947.9	4027002.69	0.000582539	1.07E-04	7.96E-05	0.00E+00
1449	257948.7	4027044.44	0.000593008	1.09E-04	8.10E-05	0.00E+00
1450	259440.8	4026786.83	0.004176649	7.65E-04	5.71E-04	0.00E+00

1451	259379.5	4026788.79	0.003193963	5.85E-04	4.37E-04	0.00E+00
1452	259436	4026636.9	0.002041912	3.74E-04	2.79E-04	0.00E+00
1453	259432.8	4026536.95	0.00147845	2.71E-04	2.02E-04	0.00E+00
1454	259426.4	4026337.06	0.000914522	1.67E-04	1.25E-04	0.00E+00
1455	259420	4026137.16	0.000648378	1.19E-04	8.86E-05	0.00E+00
1456	259379.1	4026138.47	0.000626974	1.15E-04	8.57E-05	0.00E+00
1457	259413.7	4025937.26	0.000498322	9.12E-05	6.81E-05	0.00E+00
1458	259372.8	4025938.57	0.00048669	8.91E-05	6.65E-05	0.00E+00
1459	259407.3	4025737.36	0.000400612	7.33E-05	5.48E-05	0.00E+00
1460	259366.4	4025738.67	0.000394331	7.22E-05	5.39E-05	0.00E+00
1461	259400.9	4025537.46	0.000333146	6.10E-05	4.55E-05	0.00E+00
1462	259360	4025538.77	0.000329656	6.04E-05	4.51E-05	0.00E+00
1463	259359.6	4026838.1	0.003796277	6.95E-04	5.19E-04	0.00E+00
1464	259400.7	4026338.79	0.000886372	1.62E-04	1.21E-04	0.00E+00
1465	259330.9	4027040.02	0.01090121	2.00E-03	1.49E-03	0.00E+00
1466	259334.1	4027080.58	0.01505483	2.76E-03	2.06E-03	0.00E+00
1467	259338.1	4026995.92	0.008178815	1.50E-03	1.12E-03	0.00E+00
1468	259306	4027041.98	0.008114373	1.49E-03	1.11E-03	0.00E+00
1469	259309.2	4027082.54	0.01022771	1.87E-03	1.40E-03	0.00E+00
1470	259338.6	4026970.92	0.006986285	1.28E-03	9.55E-04	0.00E+00
1471	259282.6	4027064.21	0.007186591	1.32E-03	9.82E-04	0.00E+00
1472	259285.8	4027104.77	0.008451939	1.55E-03	1.16E-03	0.00E+00
1473	259320.4	4026953.78	0.005561576	1.02E-03	7.60E-04	0.00E+00
1474	259259.3	4027086.45	0.006395835	1.17E-03	8.74E-04	0.00E+00
1475	259219.7	4027011.6	0.003989836	7.31E-04	5.45E-04	0.00E+00
1476	259233.2	4026973.4	0.00374905	6.86E-04	5.12E-04	0.00E+00
1477	259206.3	4027049.81	0.004163621	7.62E-04	5.69E-04	0.00E+00
1478	259209.5	4027090.37	0.004690093	8.59E-04	6.41E-04	0.00E+00
1479	259176.6	4026996.42	0.003167907	5.80E-04	4.33E-04	0.00E+00
1480	259156.4	4027053.73	0.003369376	6.17E-04	4.60E-04	0.00E+00
1481	259159.6	4027094.29	0.003716713	6.80E-04	5.08E-04	0.00E+00
1482	259113.3	4027038.54	0.00278451	5.10E-04	3.81E-04	0.00E+00
1483	259126.8	4027000.33	0.002675401	4.90E-04	3.66E-04	0.00E+00
1484	259192.5	4026858.76	0.002250826	4.12E-04	3.08E-04	0.00E+00
1485	259267.2	4026827.36	0.002558381	4.68E-04	3.50E-04	0.00E+00
1486	259108.2	4027077.92	0.002948291	5.40E-04	4.03E-04	0.00E+00
1487	259111.4	4027118.48	0.00319373	5.85E-04	4.36E-04	0.00E+00
1488	259090.4	4026966.04	0.002221513	4.07E-04	3.04E-04	0.00E+00
1489	259103.8	4026927.84	0.002113334	3.87E-04	2.89E-04	0.00E+00
1490	259117.3	4026889.63	0.001990498	3.64E-04	2.72E-04	0.00E+00
1491	259130.8	4026851.43	0.001864173	3.41E-04	2.55E-04	0.00E+00
1492	259156.2	4026824.47	0.001855565	3.40E-04	2.54E-04	0.00E+00
1493	259212.2	4026800.92	0.002007248	3.68E-04	2.74E-04	0.00E+00
1494	259268.2	4026777.37	0.002158699	3.95E-04	2.95E-04	0.00E+00
1495	259058.3	4027081.84	0.002525578	4.62E-04	3.45E-04	0.00E+00
1496	259061.5	4027122.4	0.002713787	4.97E-04	3.71E-04	0.00E+00
1497	258963.8	4027050.29	0.001881621	3.45E-04	2.57E-04	0.00E+00

1498	258977.2	4027012.08	0.001836721	3.36E-04	2.51E-04	0.00E+00
1499	258990.7	4026973.88	0.001772976	3.25E-04	2.42E-04	0.00E+00
1500	259004.2	4026935.67	0.001696669	3.11E-04	2.32E-04	0.00E+00
1501	259031.1	4026859.26	0.00152335	2.79E-04	2.08E-04	0.00E+00
1502	259044.5	4026821.05	0.001433549	2.62E-04	1.96E-04	0.00E+00
1503	259058	4026782.85	0.001349332	2.47E-04	1.84E-04	0.00E+00
1504	259083.4	4026755.89	0.001335839	2.45E-04	1.83E-04	0.00E+00
1505	259176.7	4026716.64	0.001473331	2.70E-04	2.01E-04	0.00E+00
1506	259214.1	4026700.94	0.001515673	2.78E-04	2.07E-04	0.00E+00
1507	258958.6	4027089.67	0.001960952	3.59E-04	2.68E-04	0.00E+00
1508	258961.8	4027130.23	0.0020796	3.81E-04	2.84E-04	0.00E+00
1509	258884.3	4027000.81	0.001501249	2.75E-04	2.05E-04	0.00E+00
1510	258897.7	4026962.61	0.001458907	2.67E-04	1.99E-04	0.00E+00
1511	258911.2	4026924.4	0.001410285	2.58E-04	1.93E-04	0.00E+00
1512	258924.6	4026886.19	0.001358871	2.49E-04	1.86E-04	0.00E+00
1513	258938.1	4026847.99	0.001300477	2.38E-04	1.78E-04	0.00E+00
1514	258951.6	4026809.78	0.001228823	2.25E-04	1.68E-04	0.00E+00
1515	258965	4026771.58	0.001159728	2.12E-04	1.58E-04	0.00E+00
1516	258978.5	4026733.37	0.001097612	2.01E-04	1.50E-04	0.00E+00
1517	259010.6	4026687.32	0.001051083	1.92E-04	1.44E-04	0.00E+00
1518	259066.6	4026663.76	0.001083188	1.98E-04	1.48E-04	0.00E+00
1519	259103.9	4026648.06	0.001107616	2.03E-04	1.51E-04	0.00E+00
1520	259141.3	4026632.36	0.001128321	2.07E-04	1.54E-04	0.00E+00
1521	258857.4	4027077.22	0.00155685	2.85E-04	2.13E-04	0.00E+00
1522	258860.5	4027117.78	0.001633855	2.99E-04	2.23E-04	0.00E+00
1523	258764.4	4027065.95	0.001306991	2.39E-04	1.79E-04	0.00E+00
1524	258777.9	4027027.75	0.001285821	2.35E-04	1.76E-04	0.00E+00
1525	258791.3	4026989.54	0.001264883	2.32E-04	1.73E-04	0.00E+00
1526	258804.8	4026951.34	0.001239059	2.27E-04	1.69E-04	0.00E+00
1527	258818.2	4026913.13	0.001206954	2.21E-04	1.65E-04	0.00E+00
1528	258831.7	4026874.92	0.001169266	2.14E-04	1.60E-04	0.00E+00
1529	258845.1	4026836.72	0.001126693	2.06E-04	1.54E-04	0.00E+00
1530	258858.6	4026798.51	0.001077372	1.97E-04	1.47E-04	0.00E+00
1531	258872	4026760.31	0.001022934	1.87E-04	1.40E-04	0.00E+00
1532	258885.5	4026722.1	0.000969891	1.78E-04	1.33E-04	0.00E+00
1533	258899	4026683.9	0.000922897	1.69E-04	1.26E-04	0.00E+00
1534	258912.4	4026645.69	0.000877299	1.61E-04	1.20E-04	0.00E+00
1535	258937.8	4026618.74	0.000859153	1.57E-04	1.17E-04	0.00E+00
1536	259012.5	4026587.33	0.000872181	1.60E-04	1.19E-04	0.00E+00
1537	259049.8	4026571.63	0.00088009	1.61E-04	1.20E-04	0.00E+00
1538	258759.3	4027105.34	0.001343051	2.46E-04	1.84E-04	0.00E+00
1539	258762.4	4027145.9	0.001397024	2.56E-04	1.91E-04	0.00E+00
1540	258684.9	4027016.48	0.001113199	2.04E-04	1.52E-04	0.00E+00
1541	258698.3	4026978.27	0.001097147	2.01E-04	1.50E-04	0.00E+00
1542	258711.8	4026940.07	0.001077837	1.97E-04	1.47E-04	0.00E+00
1543	258725.3	4026901.86	0.001054108	1.93E-04	1.44E-04	0.00E+00
1544	258738.7	4026863.65	0.001024562	1.88E-04	1.40E-04	0.00E+00

1545	258752.2	4026825.45	0.000991061	1.81E-04	1.35E-04	0.00E+00
1546	258765.6	4026787.24	0.000953141	1.75E-04	1.30E-04	0.00E+00
1547	258779.1	4026749.04	0.000913126	1.67E-04	1.25E-04	0.00E+00
1548	258792.5	4026710.83	0.000870552	1.59E-04	1.19E-04	0.00E+00
1549	258806	4026672.63	0.000829839	1.52E-04	1.13E-04	0.00E+00
1550	258819.5	4026634.42	0.000791919	1.45E-04	1.08E-04	0.00E+00
1551	258832.9	4026596.21	0.000757255	1.39E-04	1.03E-04	0.00E+00
1552	258865	4026550.16	0.000720962	1.32E-04	9.85E-05	0.00E+00
1553	258939.7	4026518.75	0.000723521	1.32E-04	9.89E-05	0.00E+00
1554	258977.1	4026503.05	0.000727244	1.33E-04	9.94E-05	0.00E+00
1555	258658	4027092.89	0.001139721	2.09E-04	1.56E-04	0.00E+00
1556	258661.2	4027133.45	0.00118276	2.17E-04	1.62E-04	0.00E+00
1557	258465.3	4027089.45	0.00090382	1.65E-04	1.24E-04	0.00E+00
1558	258485.5	4027032.14	0.000878462	1.61E-04	1.20E-04	0.00E+00
1559	258499	4026993.94	0.000868458	1.59E-04	1.19E-04	0.00E+00
1560	258512.4	4026955.73	0.000858222	1.57E-04	1.17E-04	0.00E+00
1561	258525.9	4026917.52	0.000849614	1.56E-04	1.16E-04	0.00E+00
1562	258539.3	4026879.32	0.000836819	1.53E-04	1.14E-04	0.00E+00
1563	258552.8	4026841.11	0.000821232	1.50E-04	1.12E-04	0.00E+00
1564	258566.2	4026802.91	0.000800294	1.47E-04	1.09E-04	0.00E+00
1565	258579.7	4026764.7	0.000780054	1.43E-04	1.07E-04	0.00E+00
1566	258593.2	4026726.5	0.000756091	1.38E-04	1.03E-04	0.00E+00
1567	258606.6	4026688.29	0.000730035	1.34E-04	9.98E-05	0.00E+00
1568	258620.1	4026650.09	0.000703281	1.29E-04	9.61E-05	0.00E+00
1569	258633.5	4026611.88	0.000675597	1.24E-04	9.23E-05	0.00E+00
1570	258647	4026573.67	0.000649773	1.19E-04	8.88E-05	0.00E+00
1571	258660.4	4026535.47	0.000623019	1.14E-04	8.51E-05	0.00E+00
1572	258673.9	4026497.26	0.000597661	1.09E-04	8.17E-05	0.00E+00
1573	258687.3	4026459.06	0.000570907	1.05E-04	7.80E-05	0.00E+00
1574	258719.5	4026413	0.000541827	9.92E-05	7.40E-05	0.00E+00
1575	258775.5	4026389.45	0.000534382	9.78E-05	7.30E-05	0.00E+00
1576	258812.8	4026373.75	0.000530893	9.72E-05	7.26E-05	0.00E+00
1577	258850.2	4026358.04	0.000529264	9.69E-05	7.23E-05	0.00E+00
1578	258924.8	4026326.64	0.000533684	9.77E-05	7.29E-05	0.00E+00
1579	258962.2	4026310.94	0.00053857	9.86E-05	7.36E-05	0.00E+00
1580	258999.5	4026295.24	0.000545782	9.99E-05	7.46E-05	0.00E+00
1581	259036.9	4026279.54	0.000554157	1.01E-04	7.57E-05	0.00E+00
1582	259074.2	4026263.84	0.000563463	1.03E-04	7.70E-05	0.00E+00
1583	259167.5	4026224.58	0.000585796	1.07E-04	8.01E-05	0.00E+00
1584	259204.9	4026208.88	0.000593706	1.09E-04	8.11E-05	0.00E+00
1585	259242.2	4026193.18	0.000601616	1.10E-04	8.22E-05	0.00E+00
1586	259279.6	4026177.48	0.000606036	1.11E-04	8.28E-05	0.00E+00
1587	259316.9	4026161.77	0.000611387	1.12E-04	8.36E-05	0.00E+00
1588	259354.2	4026146.07	0.000620693	1.14E-04	8.48E-05	0.00E+00
1589	258460.2	4027128.83	0.000926852	1.70E-04	1.27E-04	0.00E+00
1590	258463.4	4027169.39	0.000956398	1.75E-04	1.31E-04	0.00E+00
1591	258265.9	4027105.12	0.000761908	1.39E-04	1.04E-04	0.00E+00

1592	258279.4	4027066.91	0.00074981	1.37E-04	1.02E-04	0.00E+00
1593	258292.8	4027028.7	0.000739341	1.35E-04	1.01E-04	0.00E+00
1594	258306.3	4026990.5	0.000729105	1.33E-04	9.96E-05	0.00E+00
1595	258319.8	4026952.29	0.000719566	1.32E-04	9.83E-05	0.00E+00
1596	258339.9	4026894.98	0.000708632	1.30E-04	9.68E-05	0.00E+00
1597	258353.4	4026856.78	0.000697465	1.28E-04	9.53E-05	0.00E+00
1598	258366.9	4026818.57	0.000683972	1.25E-04	9.35E-05	0.00E+00
1599	258380.3	4026780.37	0.000675364	1.24E-04	9.23E-05	0.00E+00
1600	258393.8	4026742.16	0.000661406	1.21E-04	9.04E-05	0.00E+00
1601	258407.2	4026703.96	0.000644888	1.18E-04	8.81E-05	0.00E+00
1602	258420.7	4026665.75	0.00062744	1.15E-04	8.57E-05	0.00E+00
1603	258434.1	4026627.54	0.000609526	1.12E-04	8.33E-05	0.00E+00
1604	258447.6	4026589.34	0.000591845	1.08E-04	8.09E-05	0.00E+00
1605	258461	4026551.13	0.00057463	1.05E-04	7.85E-05	0.00E+00
1606	258474.5	4026512.93	0.000557181	1.02E-04	7.61E-05	0.00E+00
1607	258488	4026474.72	0.00053857	9.86E-05	7.36E-05	0.00E+00
1608	258501.4	4026436.52	0.000519493	9.51E-05	7.10E-05	0.00E+00
1609	258514.9	4026398.31	0.000500416	9.16E-05	6.84E-05	0.00E+00
1610	258528.3	4026360.11	0.000479944	8.79E-05	6.56E-05	0.00E+00
1611	258541.8	4026321.9	0.00045854	8.40E-05	6.27E-05	0.00E+00
1612	258573.9	4026275.84	0.000432252	7.91E-05	5.91E-05	0.00E+00
1613	258629.9	4026252.29	0.000422481	7.74E-05	5.77E-05	0.00E+00
1614	258667.3	4026236.59	0.000416897	7.63E-05	5.70E-05	0.00E+00
1615	258704.6	4026220.89	0.000412477	7.55E-05	5.64E-05	0.00E+00
1616	258779.3	4026189.48	0.000408522	7.48E-05	5.58E-05	0.00E+00
1617	258816.6	4026173.78	0.000411779	7.54E-05	5.63E-05	0.00E+00
1618	258854	4026158.08	0.000416897	7.63E-05	5.70E-05	0.00E+00
1619	258891.3	4026142.38	0.000422481	7.74E-05	5.77E-05	0.00E+00
1620	258928.6	4026126.68	0.000429227	7.86E-05	5.87E-05	0.00E+00
1621	259022	4026087.42	0.000447374	8.19E-05	6.11E-05	0.00E+00
1622	259059.3	4026071.72	0.000454353	8.32E-05	6.21E-05	0.00E+00
1623	259096.7	4026056.02	0.000461099	8.44E-05	6.30E-05	0.00E+00
1624	259134	4026040.32	0.000467381	8.56E-05	6.39E-05	0.00E+00
1625	259171.3	4026024.62	0.000472499	8.65E-05	6.46E-05	0.00E+00
1626	259208.7	4026008.92	0.000476919	8.73E-05	6.52E-05	0.00E+00
1627	259246	4025993.21	0.000480409	8.80E-05	6.57E-05	0.00E+00
1628	259283.4	4025977.51	0.000483433	8.85E-05	6.61E-05	0.00E+00
1629	259320.7	4025961.81	0.000485294	8.89E-05	6.63E-05	0.00E+00
1630	258260.8	4027144.5	0.000781217	1.43E-04	1.07E-04	0.00E+00
1631	258264	4027185.06	0.000801457	1.47E-04	1.10E-04	0.00E+00
1632	258066.5	4027120.78	0.000665826	1.22E-04	9.10E-05	0.00E+00
1633	258080	4027082.57	0.000656753	1.20E-04	8.98E-05	0.00E+00
1634	258093.5	4027044.37	0.000649541	1.19E-04	8.88E-05	0.00E+00
1635	258106.9	4027006.16	0.00063977	1.17E-04	8.74E-05	0.00E+00
1636	258120.4	4026967.96	0.000626974	1.15E-04	8.57E-05	0.00E+00
1637	258133.8	4026929.75	0.00061604	1.13E-04	8.42E-05	0.00E+00
1638	258147.3	4026891.55	0.00061255	1.12E-04	8.37E-05	0.00E+00

1639	258160.7	4026853.34	0.000606269	1.11E-04	8.29E-05	0.00E+00
1640	258174.2	4026815.14	0.000595102	1.09E-04	8.13E-05	0.00E+00
1641	258187.7	4026776.93	0.000581842	1.07E-04	7.95E-05	0.00E+00
1642	258201.1	4026738.72	0.000573466	1.05E-04	7.84E-05	0.00E+00
1643	258214.6	4026700.52	0.000561834	1.03E-04	7.68E-05	0.00E+00
1644	258228	4026662.31	0.000549737	1.01E-04	7.51E-05	0.00E+00
1645	258241.5	4026624.11	0.000539268	9.87E-05	7.37E-05	0.00E+00
1646	258254.9	4026585.9	0.000528333	9.67E-05	7.22E-05	0.00E+00
1647	258268.4	4026547.7	0.000517167	9.47E-05	7.07E-05	0.00E+00
1648	258281.8	4026509.49	0.000505534	9.26E-05	6.91E-05	0.00E+00
1649	258295.3	4026471.28	0.000494135	9.05E-05	6.75E-05	0.00E+00
1650	258308.8	4026433.08	0.000482735	8.84E-05	6.60E-05	0.00E+00
1651	258322.2	4026394.87	0.00046994	8.60E-05	6.42E-05	0.00E+00
1652	258335.7	4026356.67	0.000455981	8.35E-05	6.23E-05	0.00E+00
1653	258349.1	4026318.46	0.000441092	8.08E-05	6.03E-05	0.00E+00
1654	258362.6	4026280.26	0.00042504	7.78E-05	5.81E-05	0.00E+00
1655	258376	4026242.05	0.000407591	7.46E-05	5.57E-05	0.00E+00
1656	258389.5	4026203.84	0.000390376	7.15E-05	5.34E-05	0.00E+00
1657	258403	4026165.64	0.000372695	6.82E-05	5.09E-05	0.00E+00
1658	258428.4	4026138.69	0.000360132	6.59E-05	4.92E-05	0.00E+00
1659	258503	4026107.28	0.000346639	6.35E-05	4.74E-05	0.00E+00
1660	258540.4	4026091.58	0.000340125	6.23E-05	4.65E-05	0.00E+00
1661	258577.7	4026075.88	0.000335239	6.14E-05	4.58E-05	0.00E+00
1662	258615	4026060.18	0.000332215	6.08E-05	4.54E-05	0.00E+00
1663	258652.4	4026044.48	0.00033175	6.07E-05	4.53E-05	0.00E+00
1664	258689.7	4026028.77	0.000332913	6.10E-05	4.55E-05	0.00E+00
1665	258727.1	4026013.07	0.00033617	6.15E-05	4.59E-05	0.00E+00
1666	258764.4	4025997.37	0.000339892	6.22E-05	4.65E-05	0.00E+00
1667	258801.7	4025981.67	0.00034408	6.30E-05	4.70E-05	0.00E+00
1668	258876.4	4025950.27	0.000356177	6.52E-05	4.87E-05	0.00E+00
1669	258913.8	4025934.56	0.000363157	6.65E-05	4.96E-05	0.00E+00
1670	258951.1	4025918.86	0.000370601	6.79E-05	5.06E-05	0.00E+00
1671	258988.4	4025903.16	0.00037758	6.91E-05	5.16E-05	0.00E+00
1672	259025.8	4025887.46	0.000383164	7.02E-05	5.24E-05	0.00E+00
1673	259063.1	4025871.76	0.000387584	7.10E-05	5.30E-05	0.00E+00
1674	259100.5	4025856.06	0.000391074	7.16E-05	5.34E-05	0.00E+00
1675	259137.8	4025840.35	0.0003934	7.20E-05	5.38E-05	0.00E+00
1676	259175.1	4025824.65	0.000394331	7.22E-05	5.39E-05	0.00E+00
1677	259212.5	4025808.95	0.000396192	7.25E-05	5.41E-05	0.00E+00
1678	259249.8	4025793.25	0.000397123	7.27E-05	5.43E-05	0.00E+00
1679	259287.1	4025777.55	0.000397355	7.28E-05	5.43E-05	0.00E+00
1680	259324.5	4025761.85	0.000396657	7.26E-05	5.42E-05	0.00E+00
1681	258061.4	4027160.16	0.000675597	1.24E-04	9.23E-05	0.00E+00
1682	258064.6	4027200.72	0.000689555	1.26E-04	9.42E-05	0.00E+00
1683	257867.2	4027136.45	0.000584633	1.07E-04	7.99E-05	0.00E+00
1684	257880.6	4027098.24	0.000580446	1.06E-04	7.93E-05	0.00E+00
1685	257894.1	4027060.03	0.000578352	1.06E-04	7.90E-05	0.00E+00

1686	257907.5	4027021.83	0.000574397	1.05E-04	7.85E-05	0.00E+00
1687	257921	4026983.62	0.000568813	1.04E-04	7.77E-05	0.00E+00
1688	258008.5	4026735.29	0.000511816	9.37E-05	6.99E-05	0.00E+00
1689	258021.9	4026697.08	0.000500882	9.17E-05	6.85E-05	0.00E+00
1690	258035.4	4026658.87	0.00049018	8.97E-05	6.70E-05	0.00E+00
1691	258048.8	4026620.67	0.000481339	8.81E-05	6.58E-05	0.00E+00
1692	258062.3	4026582.46	0.000472499	8.65E-05	6.46E-05	0.00E+00
1693	258075.7	4026544.26	0.000464124	8.50E-05	6.34E-05	0.00E+00
1694	258089.2	4026506.05	0.000456679	8.36E-05	6.24E-05	0.00E+00
1695	258102.6	4026467.85	0.000449467	8.23E-05	6.14E-05	0.00E+00
1696	258116.1	4026429.64	0.000442255	8.10E-05	6.04E-05	0.00E+00
1697	258129.6	4026391.44	0.000435043	7.97E-05	5.95E-05	0.00E+00
1698	258143	4026353.23	0.000426901	7.82E-05	5.83E-05	0.00E+00
1699	258156.5	4026315.02	0.00041806	7.65E-05	5.71E-05	0.00E+00
1700	258169.9	4026276.82	0.000407591	7.46E-05	5.57E-05	0.00E+00
1701	258183.4	4026238.61	0.000394796	7.23E-05	5.40E-05	0.00E+00
1702	258196.8	4026200.41	0.000382233	7.00E-05	5.22E-05	0.00E+00
1703	258210.3	4026162.2	0.000369903	6.77E-05	5.06E-05	0.00E+00
1704	258223.8	4026124	0.000355479	6.51E-05	4.86E-05	0.00E+00
1705	258237.2	4026085.79	0.000340823	6.24E-05	4.66E-05	0.00E+00
1706	258250.7	4026047.58	0.000325934	5.97E-05	4.45E-05	0.00E+00
1707	258282.8	4026001.53	0.000307555	5.63E-05	4.20E-05	0.00E+00
1708	258338.8	4025977.98	0.000297551	5.45E-05	4.07E-05	0.00E+00
1709	258376.1	4025962.27	0.00029127	5.33E-05	3.98E-05	0.00E+00
1710	258413.5	4025946.57	0.000286384	5.24E-05	3.91E-05	0.00E+00
1711	258450.8	4025930.87	0.000281964	5.16E-05	3.85E-05	0.00E+00
1712	258488.2	4025915.17	0.000279172	5.11E-05	3.82E-05	0.00E+00
1713	258525.5	4025899.47	0.000278242	5.09E-05	3.80E-05	0.00E+00
1714	258562.8	4025883.77	0.000278707	5.10E-05	3.81E-05	0.00E+00
1715	258600.2	4025868.06	0.000280801	5.14E-05	3.84E-05	0.00E+00
1716	258637.5	4025852.36	0.000283592	5.19E-05	3.88E-05	0.00E+00
1717	258674.9	4025836.66	0.000287315	5.26E-05	3.93E-05	0.00E+00
1718	258712.2	4025820.96	0.000291968	5.35E-05	3.99E-05	0.00E+00
1719	258749.5	4025805.26	0.000297318	5.44E-05	4.06E-05	0.00E+00
1720	258786.9	4025789.56	0.000303135	5.55E-05	4.14E-05	0.00E+00
1721	258824.2	4025773.85	0.000310347	5.68E-05	4.24E-05	0.00E+00
1722	258861.5	4025758.15	0.000316628	5.80E-05	4.33E-05	0.00E+00
1723	258898.9	4025742.45	0.000321979	5.90E-05	4.40E-05	0.00E+00
1724	258936.2	4025726.75	0.000326864	5.98E-05	4.47E-05	0.00E+00
1725	258973.6	4025711.05	0.000330121	6.04E-05	4.51E-05	0.00E+00
1726	259010.9	4025695.35	0.000332913	6.10E-05	4.55E-05	0.00E+00
1727	259048.2	4025679.64	0.000335007	6.13E-05	4.58E-05	0.00E+00
1728	259085.6	4025663.94	0.00033617	6.15E-05	4.59E-05	0.00E+00
1729	259122.9	4025648.24	0.0003371	6.17E-05	4.61E-05	0.00E+00
1730	259160.3	4025632.54	0.000337566	6.18E-05	4.61E-05	0.00E+00
1731	259197.6	4025616.84	0.000338031	6.19E-05	4.62E-05	0.00E+00
1732	259234.9	4025601.14	0.000336635	6.16E-05	4.60E-05	0.00E+00

1733	259272.3	4025585.44	0.000335007	6.13E-05	4.58E-05	0.00E+00
1734	259309.6	4025569.73	0.000334309	6.12E-05	4.57E-05	0.00E+00
1735	257862	4027175.83	0.000598127	1.10E-04	8.17E-05	0.00E+00
1736	257865.2	4027216.39	0.000609526	1.12E-04	8.33E-05	0.00E+00
1737	259335.9	4027123.45	0.01740639	3.19E-03	2.38E-03	0.00E+00
1738	259336.3	4027147.64	0.01812479	3.32E-03	2.48E-03	0.00E+00
1739	259336.6	4027171.84	0.01866569	3.42E-03	2.55E-03	0.00E+00
1740	259337	4027196.03	0.01863195	3.41E-03	2.55E-03	0.00E+00
1741	259337.3	4027220.23	0.01887995	3.46E-03	2.58E-03	0.00E+00
1742	259337.6	4027244.43	0.0190656	3.49E-03	2.61E-03	0.00E+00
1743	259338	4027268.62	0.01931546	3.54E-03	2.64E-03	0.00E+00
1744	259310.9	4027123.8	0.0117471	2.15E-03	1.61E-03	0.00E+00
1745	259311.3	4027147.99	0.01230033	2.25E-03	1.68E-03	0.00E+00
1746	259311.6	4027172.19	0.01271653	2.33E-03	1.74E-03	0.00E+00
1747	259312	4027196.39	0.01311016	2.40E-03	1.79E-03	0.00E+00
1748	259312.3	4027220.58	0.01340701	2.45E-03	1.83E-03	0.00E+00
1749	259312.6	4027244.78	0.01359755	2.49E-03	1.86E-03	0.00E+00
1750	259313	4027268.97	0.01376901	2.52E-03	1.88E-03	0.00E+00
1751	259286.3	4027148.35	0.009290619	1.70E-03	1.27E-03	0.00E+00
1752	259286.6	4027172.54	0.009676109	1.77E-03	1.32E-03	0.00E+00
1753	259287	4027196.74	0.01002321	1.84E-03	1.37E-03	0.00E+00
1754	259287.3	4027220.93	0.01028657	1.88E-03	1.41E-03	0.00E+00
1755	259287.7	4027245.13	0.01049246	1.92E-03	1.43E-03	0.00E+00
1756	259288	4027269.32	0.01063995	1.95E-03	1.45E-03	0.00E+00
1757	259261	4027124.5	0.007114937	1.30E-03	9.72E-04	0.00E+00
1758	259261.3	4027148.7	0.007464367	1.37E-03	1.02E-03	0.00E+00
1759	259261.6	4027172.89	0.007778669	1.42E-03	1.06E-03	0.00E+00
1760	259262	4027197.09	0.008062494	1.48E-03	1.10E-03	0.00E+00
1761	259262.3	4027221.28	0.008296068	1.52E-03	1.13E-03	0.00E+00
1762	259262.7	4027245.48	0.008476134	1.55E-03	1.16E-03	0.00E+00
1763	259263	4027269.68	0.008606414	1.58E-03	1.18E-03	0.00E+00
1764	259211	4027125.2	0.005095824	9.33E-04	6.96E-04	0.00E+00
1765	259211.3	4027149.4	0.005331957	9.76E-04	7.29E-04	0.00E+00
1766	259211.6	4027173.59	0.005545058	1.02E-03	7.58E-04	0.00E+00
1767	259212	4027197.79	0.005742573	1.05E-03	7.85E-04	0.00E+00
1768	259212.3	4027221.99	0.005911007	1.08E-03	8.08E-04	0.00E+00
1769	259212.7	4027246.18	0.006050128	1.11E-03	8.27E-04	0.00E+00
1770	259213	4027270.38	0.006162028	1.13E-03	8.42E-04	0.00E+00
1771	259161	4027125.91	0.003961686	7.25E-04	5.41E-04	0.00E+00
1772	259161.3	4027150.1	0.004130353	7.56E-04	5.64E-04	0.00E+00
1773	259161.6	4027174.3	0.004286224	7.85E-04	5.86E-04	0.00E+00
1774	259162	4027198.49	0.004423716	8.10E-04	6.05E-04	0.00E+00
1775	259162.3	4027222.69	0.004543993	8.32E-04	6.21E-04	0.00E+00
1776	259162.7	4027246.88	0.004644263	8.50E-04	6.35E-04	0.00E+00
1777	259163	4027271.08	0.004730806	8.66E-04	6.47E-04	0.00E+00
1778	259111.3	4027150.8	0.00335123	6.14E-04	4.58E-04	0.00E+00
1779	259111.6	4027175	0.003469878	6.35E-04	4.74E-04	0.00E+00

1780	259112	4027199.2	0.003576894	6.55E-04	4.89E-04	0.00E+00
1781	259112.3	4027223.39	0.003666229	6.71E-04	5.01E-04	0.00E+00
1782	259112.7	4027247.59	0.003743001	6.85E-04	5.12E-04	0.00E+00
1783	259113	4027271.78	0.003807211	6.97E-04	5.20E-04	0.00E+00
1784	259061.3	4027151.51	0.002822431	5.17E-04	3.86E-04	0.00E+00
1785	259061.7	4027175.7	0.002910138	5.33E-04	3.98E-04	0.00E+00
1786	259062	4027199.9	0.00298784	5.47E-04	4.08E-04	0.00E+00
1787	259062.3	4027224.09	0.003056238	5.60E-04	4.18E-04	0.00E+00
1788	259062.7	4027248.29	0.003115097	5.70E-04	4.26E-04	0.00E+00
1789	259063	4027272.49	0.00316465	5.79E-04	4.33E-04	0.00E+00
1790	258961.3	4027152.91	0.002128688	3.90E-04	2.91E-04	0.00E+00
1791	258961.7	4027177.11	0.002180102	3.99E-04	2.98E-04	0.00E+00
1792	258962	4027201.3	0.002228725	4.08E-04	3.05E-04	0.00E+00
1793	258962.3	4027225.5	0.002273392	4.16E-04	3.11E-04	0.00E+00
1794	258962.7	4027249.69	0.002315734	4.24E-04	3.16E-04	0.00E+00
1795	258963	4027273.89	0.002345745	4.29E-04	3.21E-04	0.00E+00
1796	258861.3	4027154.32	0.001695041	3.10E-04	2.32E-04	0.00E+00
1797	258861.7	4027178.51	0.00173017	3.17E-04	2.36E-04	0.00E+00
1798	258862	4027202.71	0.001765997	3.23E-04	2.41E-04	0.00E+00
1799	258862.4	4027226.9	0.001798567	3.29E-04	2.46E-04	0.00E+00
1800	258862.7	4027251.1	0.001829509	3.35E-04	2.50E-04	0.00E+00
1801	258863	4027275.3	0.001858822	3.40E-04	2.54E-04	0.00E+00
1802	258761.7	4027179.92	0.001433084	2.62E-04	1.96E-04	0.00E+00
1803	258762	4027204.11	0.001462164	2.68E-04	2.00E-04	0.00E+00
1804	258762.4	4027228.31	0.001489616	2.73E-04	2.04E-04	0.00E+00
1805	258762.7	4027252.5	0.001515207	2.77E-04	2.07E-04	0.00E+00
1806	258763	4027276.7	0.001541263	2.82E-04	2.11E-04	0.00E+00
1807	258661.4	4027157.13	0.001206024	2.21E-04	1.65E-04	0.00E+00
1808	258661.7	4027181.32	0.001230219	2.25E-04	1.68E-04	0.00E+00
1809	258662	4027205.52	0.001254181	2.30E-04	1.71E-04	0.00E+00
1810	258662.4	4027229.71	0.001277446	2.34E-04	1.75E-04	0.00E+00
1811	258662.7	4027253.91	0.001299081	2.38E-04	1.78E-04	0.00E+00
1812	258663.1	4027278.11	0.001319554	2.42E-04	1.80E-04	0.00E+00
1813	258462.1	4027208.33	0.000976405	1.79E-04	1.33E-04	0.00E+00
1814	258462.4	4027232.52	0.000989898	1.81E-04	1.35E-04	0.00E+00
1815	258462.7	4027256.72	0.001006649	1.84E-04	1.38E-04	0.00E+00
1816	258463.1	4027280.92	0.001023166	1.87E-04	1.40E-04	0.00E+00
1817	258262.1	4027211.14	0.000809832	1.48E-04	1.11E-04	0.00E+00
1818	258262.4	4027235.33	0.000819836	1.50E-04	1.12E-04	0.00E+00
1819	258262.8	4027259.53	0.000828909	1.52E-04	1.13E-04	0.00E+00
1820	258263.1	4027283.73	0.000842402	1.54E-04	1.15E-04	0.00E+00
1821	258062.4	4027238.14	0.000700024	1.28E-04	9.57E-05	0.00E+00
1822	258062.8	4027262.34	0.000703979	1.29E-04	9.62E-05	0.00E+00
1823	258063.1	4027286.54	0.000707004	1.29E-04	9.66E-05	0.00E+00
1824	257862.5	4027240.95	0.000613016	1.12E-04	8.38E-05	0.00E+00
1825	257862.8	4027265.15	0.000617436	1.13E-04	8.44E-05	0.00E+00
1826	257863.1	4027289.35	0.000619762	1.13E-04	8.47E-05	0.00E+00

1827	259338.2	4027292.34	0.01978656	3.62E-03	2.70E-03	0.00E+00
1828	259338.4	4027316.19	0.02017857	3.69E-03	2.76E-03	0.00E+00
1829	259338.6	4027340.05	0.01995128	3.65E-03	2.73E-03	0.00E+00
1830	259313.2	4027292.55	0.0139614	2.56E-03	1.91E-03	0.00E+00
1831	259313.4	4027316.4	0.01405911	2.57E-03	1.92E-03	0.00E+00
1832	259313.6	4027340.26	0.01372434	2.51E-03	1.88E-03	0.00E+00
1833	259288.2	4027292.76	0.01071184	1.96E-03	1.46E-03	0.00E+00
1834	259288.4	4027316.61	0.01079536	1.98E-03	1.48E-03	0.00E+00
1835	259288.6	4027340.47	0.01077302	1.97E-03	1.47E-03	0.00E+00
1836	259263.2	4027292.96	0.008681558	1.59E-03	1.19E-03	0.00E+00
1837	259263.4	4027316.82	0.00874065	1.60E-03	1.19E-03	0.00E+00
1838	259263.6	4027340.68	0.008792064	1.61E-03	1.20E-03	0.00E+00
1839	259213.2	4027293.38	0.006240662	1.14E-03	8.53E-04	0.00E+00
1840	259213.4	4027317.24	0.006297892	1.15E-03	8.61E-04	0.00E+00
1841	259213.6	4027341.1	0.006327438	1.16E-03	8.65E-04	0.00E+00
1842	259163.2	4027293.8	0.004798738	8.79E-04	6.56E-04	0.00E+00
1843	259163.4	4027317.66	0.004850617	8.88E-04	6.63E-04	0.00E+00
1844	259163.6	4027341.52	0.004843173	8.87E-04	6.62E-04	0.00E+00
1845	259113.2	4027294.22	0.003853972	7.06E-04	5.27E-04	0.00E+00
1846	259113.4	4027318.08	0.003892824	7.13E-04	5.32E-04	0.00E+00
1847	259113.6	4027341.94	0.003923998	7.18E-04	5.36E-04	0.00E+00
1848	259063.4	4027318.5	0.003232116	5.92E-04	4.42E-04	0.00E+00
1849	259063.6	4027342.35	0.003261197	5.97E-04	4.46E-04	0.00E+00
1850	258963.4	4027319.34	0.002385061	4.37E-04	3.26E-04	0.00E+00
1851	258963.6	4027343.19	0.002405999	4.41E-04	3.29E-04	0.00E+00
1852	258863.4	4027320.17	0.001901861	3.48E-04	2.60E-04	0.00E+00
1853	258863.6	4027344.03	0.00191768	3.51E-04	2.62E-04	0.00E+00
1854	258763.4	4027321.01	0.001580813	2.89E-04	2.16E-04	0.00E+00
1855	258763.6	4027344.87	0.0015964	2.92E-04	2.18E-04	0.00E+00
1856	258663.4	4027321.85	0.00135003	2.47E-04	1.85E-04	0.00E+00
1857	258663.6	4027345.71	0.001363058	2.50E-04	1.86E-04	0.00E+00
1858	258463.4	4027323.53	0.001045733	1.91E-04	1.43E-04	0.00E+00
1859	258463.6	4027347.38	0.001052945	1.93E-04	1.44E-04	0.00E+00
1860	258263.4	4027325.2	0.000854732	1.56E-04	1.17E-04	0.00E+00
1861	258263.6	4027349.06	0.000859153	1.57E-04	1.17E-04	0.00E+00
1862	258063.4	4027326.88	0.000713052	1.31E-04	9.75E-05	0.00E+00
1863	258063.6	4027350.74	0.000714681	1.31E-04	9.77E-05	0.00E+00
1864	257863.4	4027328.56	0.000620228	1.14E-04	8.48E-05	0.00E+00
1865	257863.6	4027352.41	0.000621856	1.14E-04	8.50E-05	0.00E+00
1866	259339.2	4027365.21	0.01987078	3.64E-03	2.72E-03	0.00E+00
1867	259339.9	4027389.95	0.01976004	3.62E-03	2.70E-03	0.00E+00
1868	259340.5	4027414.68	0.01941364	3.55E-03	2.65E-03	0.00E+00
1869	259341.1	4027439.41	0.01892718	3.47E-03	2.59E-03	0.00E+00
1870	259341.8	4027464.14	0.01815992	3.32E-03	2.48E-03	0.00E+00
1871	259342.4	4027488.87	0.01680756	3.08E-03	2.30E-03	0.00E+00
1872	259343	4027513.6	0.01469609	2.69E-03	2.01E-03	0.00E+00
1873	259343.7	4027538.33	0.01227171	2.25E-03	1.68E-03	0.00E+00

1874	259344.3	4027563.06	0.0103524	1.90E-03	1.41E-03	0.00E+00
1875	259345	4027587.8	0.00892281	1.63E-03	1.22E-03	0.00E+00
1876	259345.6	4027612.53	0.007854976	1.44E-03	1.07E-03	0.00E+00
1877	259346.2	4027637.26	0.007070967	1.29E-03	9.66E-04	0.00E+00
1878	259346.9	4027661.99	0.006483309	1.19E-03	8.86E-04	0.00E+00
1879	259347.5	4027686.72	0.006027096	1.10E-03	8.24E-04	0.00E+00
1880	259348.1	4027711.45	0.005618341	1.03E-03	7.68E-04	0.00E+00
1881	259314.2	4027365.86	0.01355242	2.48E-03	1.85E-03	0.00E+00
1882	259314.9	4027390.59	0.01355381	2.48E-03	1.85E-03	0.00E+00
1883	259315.5	4027415.32	0.01351775	2.47E-03	1.85E-03	0.00E+00
1884	259316.1	4027440.05	0.01323811	2.42E-03	1.81E-03	0.00E+00
1885	259316.8	4027464.78	0.01274491	2.33E-03	1.74E-03	0.00E+00
1886	259317.4	4027489.51	0.01196881	2.19E-03	1.64E-03	0.00E+00
1887	259318.1	4027514.24	0.0109261	2.00E-03	1.49E-03	0.00E+00
1888	259318.7	4027538.98	0.009800574	1.79E-03	1.34E-03	0.00E+00
1889	259319.3	4027563.71	0.008748327	1.60E-03	1.20E-03	0.00E+00
1890	259320	4027588.44	0.007858931	1.44E-03	1.07E-03	0.00E+00
1891	259320.6	4027613.17	0.007125638	1.30E-03	9.74E-04	0.00E+00
1892	259321.2	4027637.9	0.006489126	1.19E-03	8.87E-04	0.00E+00
1893	259321.9	4027662.63	0.005991268	1.10E-03	8.19E-04	0.00E+00
1894	259322.5	4027687.36	0.005604848	1.03E-03	7.66E-04	0.00E+00
1895	259323.1	4027712.1	0.005246576	9.61E-04	7.17E-04	0.00E+00
1896	259289.2	4027366.5	0.01059807	1.94E-03	1.45E-03	0.00E+00
1897	259289.9	4027391.23	0.01053387	1.93E-03	1.44E-03	0.00E+00
1898	259290.5	4027415.96	0.01048827	1.92E-03	1.43E-03	0.00E+00
1899	259291.2	4027440.69	0.01031797	1.89E-03	1.41E-03	0.00E+00
1900	259291.8	4027465.42	0.009924107	1.82E-03	1.36E-03	0.00E+00
1901	259292.4	4027490.16	0.009423226	1.73E-03	1.29E-03	0.00E+00
1902	259293.1	4027514.89	0.008774616	1.61E-03	1.20E-03	0.00E+00
1903	259293.7	4027539.62	0.008127402	1.49E-03	1.11E-03	0.00E+00
1904	259294.3	4027564.35	0.007531136	1.38E-03	1.03E-03	0.00E+00
1905	259295	4027589.08	0.006933707	1.27E-03	9.48E-04	0.00E+00
1906	259295.6	4027613.81	0.006404909	1.17E-03	8.75E-04	0.00E+00
1907	259296.2	4027638.54	0.0059131	1.08E-03	8.08E-04	0.00E+00
1908	259296.9	4027663.28	0.005503182	1.01E-03	7.52E-04	0.00E+00
1909	259297.5	4027688.01	0.005171898	9.47E-04	7.07E-04	0.00E+00
1910	259298.1	4027712.74	0.004889469	8.95E-04	6.68E-04	0.00E+00
1911	259264.3	4027367.14	0.008743674	1.60E-03	1.19E-03	0.00E+00
1912	259264.9	4027391.87	0.008694354	1.59E-03	1.19E-03	0.00E+00
1913	259265.5	4027416.6	0.008609439	1.58E-03	1.18E-03	0.00E+00
1914	259266.2	4027441.34	0.008455428	1.55E-03	1.16E-03	0.00E+00
1915	259266.8	4027466.07	0.008187191	1.50E-03	1.12E-03	0.00E+00
1916	259267.4	4027490.8	0.007823104	1.43E-03	1.07E-03	0.00E+00
1917	259268.1	4027515.53	0.007386664	1.35E-03	1.01E-03	0.00E+00
1918	259268.7	4027540.26	0.006955576	1.27E-03	9.51E-04	0.00E+00
1919	259269.3	4027564.99	0.006540074	1.20E-03	8.94E-04	0.00E+00
1920	259270	4027589.72	0.006124108	1.12E-03	8.37E-04	0.00E+00

1921	259270.6	4027614.46	0.005738617	1.05E-03	7.84E-04	0.00E+00
1922	259271.3	4027639.19	0.00537802	9.85E-04	7.35E-04	0.00E+00
1923	259271.9	4027663.92	0.005056972	9.26E-04	6.91E-04	0.00E+00
1924	259272.5	4027688.65	0.004778498	8.75E-04	6.53E-04	0.00E+00
1925	259273.2	4027713.38	0.004536781	8.31E-04	6.20E-04	0.00E+00
1926	259214.3	4027368.43	0.006338372	1.16E-03	8.66E-04	0.00E+00
1927	259214.9	4027393.16	0.006310921	1.16E-03	8.62E-04	0.00E+00
1928	259215.5	4027417.89	0.006246943	1.14E-03	8.54E-04	0.00E+00
1929	259216.2	4027442.62	0.006147605	1.13E-03	8.40E-04	0.00E+00
1930	259216.8	4027467.35	0.00603547	1.11E-03	8.25E-04	0.00E+00
1931	259217.5	4027492.08	0.005860058	1.07E-03	8.01E-04	0.00E+00
1932	259218.1	4027516.82	0.005648352	1.03E-03	7.72E-04	0.00E+00
1933	259218.7	4027541.55	0.005394305	9.88E-04	7.37E-04	0.00E+00
1934	259219.4	4027566.28	0.005124439	9.38E-04	7.00E-04	0.00E+00
1935	259220	4027591.01	0.004864809	8.91E-04	6.65E-04	0.00E+00
1936	259220.6	4027615.74	0.004665433	8.54E-04	6.38E-04	0.00E+00
1937	259221.3	4027640.47	0.00446187	8.17E-04	6.10E-04	0.00E+00
1938	259221.9	4027665.2	0.00426738	7.81E-04	5.83E-04	0.00E+00
1939	259222.5	4027689.93	0.004086151	7.48E-04	5.58E-04	0.00E+00
1940	259223.2	4027714.67	0.003925161	7.19E-04	5.36E-04	0.00E+00
1941	259164.3	4027369.71	0.00485527	8.89E-04	6.64E-04	0.00E+00
1942	259164.9	4027394.44	0.004863645	8.90E-04	6.65E-04	0.00E+00
1943	259165.6	4027419.18	0.004843871	8.87E-04	6.62E-04	0.00E+00
1944	259166.2	4027443.91	0.004788734	8.77E-04	6.54E-04	0.00E+00
1945	259166.8	4027468.64	0.004723361	8.65E-04	6.46E-04	0.00E+00
1946	259167.5	4027493.37	0.004621929	8.46E-04	6.32E-04	0.00E+00
1947	259168.1	4027518.1	0.0044856	8.21E-04	6.13E-04	0.00E+00
1948	259168.7	4027542.83	0.004353691	7.97E-04	5.95E-04	0.00E+00
1949	259169.4	4027567.56	0.004215035	7.72E-04	5.76E-04	0.00E+00
1950	259170	4027592.29	0.004054046	7.42E-04	5.54E-04	0.00E+00
1951	259170.6	4027617.03	0.003933769	7.20E-04	5.38E-04	0.00E+00
1952	259171.3	4027641.76	0.003810933	6.98E-04	5.21E-04	0.00E+00
1953	259171.9	4027666.49	0.003679723	6.74E-04	5.03E-04	0.00E+00
1954	259172.6	4027691.22	0.00355014	6.50E-04	4.85E-04	0.00E+00
1955	259173.2	4027715.95	0.003426607	6.27E-04	4.68E-04	0.00E+00
1956	259114.3	4027371	0.003945634	7.22E-04	5.39E-04	0.00E+00
1957	259114.9	4027395.73	0.003936328	7.21E-04	5.38E-04	0.00E+00
1958	259115.6	4027420.46	0.003911203	7.16E-04	5.35E-04	0.00E+00
1959	259116.2	4027445.19	0.003879331	7.10E-04	5.30E-04	0.00E+00
1960	259116.8	4027469.92	0.003844434	7.04E-04	5.25E-04	0.00E+00
1961	259117.5	4027494.65	0.003789763	6.94E-04	5.18E-04	0.00E+00
1962	259118.1	4027519.39	0.003740442	6.85E-04	5.11E-04	0.00E+00
1963	259118.8	4027544.12	0.003684841	6.75E-04	5.04E-04	0.00E+00
1964	259119.4	4027568.85	0.003606672	6.60E-04	4.93E-04	0.00E+00
1965	259120	4027593.58	0.003502914	6.41E-04	4.79E-04	0.00E+00
1966	259120.7	4027618.31	0.003403575	6.23E-04	4.65E-04	0.00E+00
1967	259121.3	4027643.04	0.003308656	6.06E-04	4.52E-04	0.00E+00

1968	259121.9	4027667.77	0.003213272	5.88E-04	4.39E-04	0.00E+00
1969	259122.6	4027692.51	0.003113701	5.70E-04	4.26E-04	0.00E+00
1970	259123.2	4027717.24	0.00301599	5.52E-04	4.12E-04	0.00E+00
1971	259064.3	4027372.28	0.003288881	6.02E-04	4.49E-04	0.00E+00
1972	259065	4027397.02	0.003287951	6.02E-04	4.49E-04	0.00E+00
1973	259065.6	4027421.75	0.003269805	5.99E-04	4.47E-04	0.00E+00
1974	259066.2	4027446.48	0.003254915	5.96E-04	4.45E-04	0.00E+00
1975	259066.9	4027471.21	0.003244446	5.94E-04	4.43E-04	0.00E+00
1976	259067.5	4027495.94	0.00324119	5.93E-04	4.43E-04	0.00E+00
1977	259068.1	4027520.67	0.00321397	5.88E-04	4.39E-04	0.00E+00
1978	259068.8	4027545.4	0.003168372	5.80E-04	4.33E-04	0.00E+00
1979	259069.4	4027570.13	0.003107885	5.69E-04	4.25E-04	0.00E+00
1980	259070	4027594.87	0.003039255	5.56E-04	4.15E-04	0.00E+00
1981	259070.7	4027619.6	0.002976208	5.45E-04	4.07E-04	0.00E+00
1982	259071.3	4027644.33	0.002905252	5.32E-04	3.97E-04	0.00E+00
1983	259072	4027669.06	0.002831504	5.18E-04	3.87E-04	0.00E+00
1984	259072.6	4027693.79	0.002754499	5.04E-04	3.76E-04	0.00E+00
1985	259073.2	4027718.52	0.002681682	4.91E-04	3.66E-04	0.00E+00
1986	258964.4	4027374.85	0.002427635	4.44E-04	3.32E-04	0.00E+00
1987	258965	4027399.59	0.002435312	4.46E-04	3.33E-04	0.00E+00
1988	258965.6	4027424.32	0.002447642	4.48E-04	3.35E-04	0.00E+00
1989	258966.3	4027449.05	0.002463229	4.51E-04	3.37E-04	0.00E+00
1990	258966.9	4027473.78	0.002465091	4.51E-04	3.37E-04	0.00E+00
1991	258967.5	4027498.51	0.002458577	4.50E-04	3.36E-04	0.00E+00
1992	258968.2	4027523.24	0.002446247	4.48E-04	3.34E-04	0.00E+00
1993	258968.8	4027547.97	0.002426704	4.44E-04	3.32E-04	0.00E+00
1994	258969.4	4027572.71	0.002400416	4.39E-04	3.28E-04	0.00E+00
1995	258970.1	4027597.44	0.00236645	4.33E-04	3.23E-04	0.00E+00
1996	258970.7	4027622.17	0.002329459	4.27E-04	3.18E-04	0.00E+00
1997	258971.3	4027646.9	0.002294563	4.20E-04	3.14E-04	0.00E+00
1998	258972	4027671.63	0.002264319	4.15E-04	3.09E-04	0.00E+00
1999	258972.6	4027696.36	0.002230353	4.08E-04	3.05E-04	0.00E+00
2000	258973.3	4027721.09	0.002191735	4.01E-04	3.00E-04	0.00E+00
2001	258864.4	4027377.43	0.001934431	3.54E-04	2.64E-04	0.00E+00
2002	258865	4027402.16	0.001943504	3.56E-04	2.66E-04	0.00E+00
2003	258865.7	4027426.89	0.001952112	3.57E-04	2.67E-04	0.00E+00
2004	258866.3	4027451.62	0.001956299	3.58E-04	2.67E-04	0.00E+00
2005	258866.9	4027476.35	0.001956299	3.58E-04	2.67E-04	0.00E+00
2006	258867.6	4027501.08	0.001956997	3.58E-04	2.67E-04	0.00E+00
2007	258868.2	4027525.81	0.001946761	3.56E-04	2.66E-04	0.00E+00
2008	258868.8	4027550.54	0.00194141	3.55E-04	2.65E-04	0.00E+00
2009	258869.5	4027575.28	0.001933966	3.54E-04	2.64E-04	0.00E+00
2010	258870.1	4027600.01	0.00192024	3.52E-04	2.62E-04	0.00E+00
2011	258870.7	4027624.74	0.001903955	3.49E-04	2.60E-04	0.00E+00
2012	258871.4	4027649.47	0.001886739	3.45E-04	2.58E-04	0.00E+00
2013	258872	4027674.2	0.001866731	3.42E-04	2.55E-04	0.00E+00
2014	258872.7	4027698.93	0.00184719	3.38E-04	2.52E-04	0.00E+00

2015	258873.3	4027723.66	0.001824158	3.34E-04	2.49E-04	0.00E+00
2016	258764.4	4027380	0.001616175	2.96E-04	2.21E-04	0.00E+00
2017	258765.1	4027404.73	0.001625248	2.98E-04	2.22E-04	0.00E+00
2018	258765.7	4027429.46	0.001631296	2.99E-04	2.23E-04	0.00E+00
2019	258766.3	4027454.19	0.001634553	2.99E-04	2.23E-04	0.00E+00
2020	258767	4027478.92	0.001634088	2.99E-04	2.23E-04	0.00E+00
2021	258767.6	4027503.65	0.001629668	2.98E-04	2.23E-04	0.00E+00
2022	258768.2	4027528.38	0.001626411	2.98E-04	2.22E-04	0.00E+00
2023	258768.9	4027553.12	0.001622456	2.97E-04	2.22E-04	0.00E+00
2024	258769.5	4027577.85	0.001615011	2.96E-04	2.21E-04	0.00E+00
2025	258770.1	4027602.58	0.001607101	2.94E-04	2.20E-04	0.00E+00
2026	258770.8	4027627.31	0.001597563	2.93E-04	2.18E-04	0.00E+00
2027	258771.4	4027652.04	0.001587559	2.91E-04	2.17E-04	0.00E+00
2028	258772.1	4027676.77	0.001575927	2.89E-04	2.15E-04	0.00E+00
2029	258772.7	4027701.5	0.001561736	2.86E-04	2.13E-04	0.00E+00
2030	258773.3	4027726.23	0.00154801	2.83E-04	2.12E-04	0.00E+00
2031	258664.5	4027382.57	0.001379343	2.53E-04	1.89E-04	0.00E+00
2032	258665.1	4027407.3	0.00138609	2.54E-04	1.89E-04	0.00E+00
2033	258665.7	4027432.03	0.001391673	2.55E-04	1.90E-04	0.00E+00
2034	258666.4	4027456.76	0.001395861	2.56E-04	1.91E-04	0.00E+00
2035	258667	4027481.49	0.001399583	2.56E-04	1.91E-04	0.00E+00
2036	258667.6	4027506.22	0.001401212	2.57E-04	1.91E-04	0.00E+00
2037	258668.3	4027530.95	0.001400747	2.56E-04	1.91E-04	0.00E+00
2038	258668.9	4027555.69	0.001393535	2.55E-04	1.90E-04	0.00E+00
2039	258669.5	4027580.42	0.001387021	2.54E-04	1.90E-04	0.00E+00
2040	258670.2	4027605.15	0.001382135	2.53E-04	1.89E-04	0.00E+00
2041	258670.8	4027629.88	0.001379343	2.53E-04	1.89E-04	0.00E+00
2042	258671.4	4027654.61	0.001372829	2.51E-04	1.88E-04	0.00E+00
2043	258672.1	4027679.34	0.001365617	2.50E-04	1.87E-04	0.00E+00
2044	258672.7	4027704.07	0.001358405	2.49E-04	1.86E-04	0.00E+00
2045	258673.4	4027728.81	0.001350263	2.47E-04	1.85E-04	0.00E+00
2046	258464.5	4027387.71	0.001064111	1.95E-04	1.45E-04	0.00E+00
2047	258465.2	4027412.44	0.001069462	1.96E-04	1.46E-04	0.00E+00
2048	258465.8	4027437.17	0.001071556	1.96E-04	1.46E-04	0.00E+00
2049	258466.4	4027461.9	0.001073185	1.96E-04	1.47E-04	0.00E+00
2050	258467.1	4027486.63	0.001076907	1.97E-04	1.47E-04	0.00E+00
2051	258467.7	4027511.37	0.001081094	1.98E-04	1.48E-04	0.00E+00
2052	258468.3	4027536.1	0.001084119	1.98E-04	1.48E-04	0.00E+00
2053	258469	4027560.83	0.001085282	1.99E-04	1.48E-04	0.00E+00
2054	258469.6	4027585.56	0.001084817	1.99E-04	1.48E-04	0.00E+00
2055	258470.2	4027610.29	0.001086678	1.99E-04	1.49E-04	0.00E+00
2056	258470.9	4027635.02	0.001086678	1.99E-04	1.49E-04	0.00E+00
2057	258471.5	4027659.75	0.001085282	1.99E-04	1.48E-04	0.00E+00
2058	258472.2	4027684.48	0.001083188	1.98E-04	1.48E-04	0.00E+00
2059	258472.8	4027709.22	0.001080396	1.98E-04	1.48E-04	0.00E+00
2060	258473.4	4027733.95	0.001075976	1.97E-04	1.47E-04	0.00E+00
2061	258264.6	4027392.85	0.00086776	1.59E-04	1.19E-04	0.00E+00

2062	258265.2	4027417.58	0.000868924	1.59E-04	1.19E-04	0.00E+00
2063	258265.9	4027442.31	0.000867993	1.59E-04	1.19E-04	0.00E+00
2064	258266.5	4027467.04	0.000869854	1.59E-04	1.19E-04	0.00E+00
2065	258267.1	4027491.78	0.000873344	1.60E-04	1.19E-04	0.00E+00
2066	258267.8	4027516.51	0.000875205	1.60E-04	1.20E-04	0.00E+00
2067	258268.4	4027541.24	0.000875903	1.60E-04	1.20E-04	0.00E+00
2068	258269	4027565.97	0.000877997	1.61E-04	1.20E-04	0.00E+00
2069	258269.7	4027590.7	0.000884511	1.62E-04	1.21E-04	0.00E+00
2070	258270.3	4027615.43	0.000890327	1.63E-04	1.22E-04	0.00E+00
2071	258270.9	4027640.16	0.000891025	1.63E-04	1.22E-04	0.00E+00
2072	258271.6	4027664.89	0.000892653	1.63E-04	1.22E-04	0.00E+00
2073	258272.2	4027689.63	0.000894747	1.64E-04	1.22E-04	0.00E+00
2074	258272.9	4027714.36	0.000894747	1.64E-04	1.22E-04	0.00E+00
2075	258273.5	4027739.09	0.000892653	1.63E-04	1.22E-04	0.00E+00
2076	258064	4027373.26	0.000717705	1.31E-04	9.81E-05	0.00E+00
2077	258064.7	4027397.99	0.000721195	1.32E-04	9.86E-05	0.00E+00
2078	258065.3	4027422.72	0.00072515	1.33E-04	9.91E-05	0.00E+00
2079	258065.9	4027447.45	0.000729803	1.34E-04	9.97E-05	0.00E+00
2080	258066.6	4027472.19	0.000734921	1.35E-04	1.00E-04	0.00E+00
2081	258067.2	4027496.92	0.000740504	1.36E-04	1.01E-04	0.00E+00
2082	258067.8	4027521.65	0.000744459	1.36E-04	1.02E-04	0.00E+00
2083	258068.5	4027546.38	0.000747716	1.37E-04	1.02E-04	0.00E+00
2084	258069.1	4027571.11	0.000749345	1.37E-04	1.02E-04	0.00E+00
2085	258069.7	4027595.84	0.000750043	1.37E-04	1.03E-04	0.00E+00
2086	258070.4	4027620.57	0.000751671	1.38E-04	1.03E-04	0.00E+00
2087	258071	4027645.3	0.000754696	1.38E-04	1.03E-04	0.00E+00
2088	258071.6	4027670.04	0.000759581	1.39E-04	1.04E-04	0.00E+00
2089	258072.3	4027694.77	0.000764001	1.40E-04	1.04E-04	0.00E+00
2090	258072.9	4027719.5	0.000766328	1.40E-04	1.05E-04	0.00E+00
2091	258073.6	4027744.23	0.00076563	1.40E-04	1.05E-04	0.00E+00
2092	257864.1	4027378.4	0.000624415	1.14E-04	8.53E-05	0.00E+00
2093	257864.7	4027403.13	0.000626974	1.15E-04	8.57E-05	0.00E+00
2094	257865.4	4027427.86	0.000628835	1.15E-04	8.59E-05	0.00E+00
2095	257866	4027452.6	0.000631162	1.16E-04	8.63E-05	0.00E+00
2096	257866.6	4027477.33	0.000633954	1.16E-04	8.66E-05	0.00E+00
2097	257867.3	4027502.06	0.000636513	1.17E-04	8.70E-05	0.00E+00
2098	257867.9	4027526.79	0.000643725	1.18E-04	8.80E-05	0.00E+00
2099	257868.5	4027551.52	0.000649075	1.19E-04	8.87E-05	0.00E+00
2100	257869.2	4027576.25	0.000650704	1.19E-04	8.89E-05	0.00E+00
2101	257869.8	4027600.98	0.000652565	1.19E-04	8.92E-05	0.00E+00
2102	257870.4	4027625.72	0.000656287	1.20E-04	8.97E-05	0.00E+00
2103	257871.1	4027650.45	0.000657683	1.20E-04	8.99E-05	0.00E+00
2104	257871.7	4027675.18	0.000658614	1.21E-04	9.00E-05	0.00E+00
2105	257872.3	4027699.91	0.000660708	1.21E-04	9.03E-05	0.00E+00
2106	257873	4027724.64	0.000664197	1.22E-04	9.08E-05	0.00E+00
2107	257873.6	4027749.37	0.000667222	1.22E-04	9.12E-05	0.00E+00
2108	259373.6	4027735.81	0.005567857	1.02E-03	7.61E-04	0.00E+00

2109	259396.2	4027735.41	0.005888905	1.08E-03	8.05E-04	0.00E+00
2110	259418.8	4027735.01	0.006227402	1.14E-03	8.51E-04	0.00E+00
2111	259441.4	4027734.61	0.00658102	1.20E-03	8.99E-04	0.00E+00
2112	259464	4027734.22	0.007000244	1.28E-03	9.57E-04	0.00E+00
2113	259486.5	4027733.82	0.007465298	1.37E-03	1.02E-03	0.00E+00
2114	259509.1	4027733.42	0.00802434	1.47E-03	1.10E-03	0.00E+00
2115	259531.7	4027733.02	0.0087688	1.61E-03	1.20E-03	0.00E+00
2116	259554.3	4027732.62	0.009821512	1.80E-03	1.34E-03	0.00E+00
2117	259576.9	4027732.23	0.01127181	2.06E-03	1.54E-03	0.00E+00
2118	259356.3	4027753.86	0.00507	9.28E-04	6.93E-04	0.00E+00
2119	259396.6	4027760.4	0.00545898	9.99E-04	7.46E-04	0.00E+00
2120	259419.2	4027760.01	0.005757229	1.05E-03	7.87E-04	0.00E+00
2121	259441.8	4027759.61	0.006076184	1.11E-03	8.30E-04	0.00E+00
2122	259464.4	4027759.21	0.006443528	1.18E-03	8.81E-04	0.00E+00
2123	259487	4027758.81	0.006853911	1.25E-03	9.37E-04	0.00E+00
2124	259509.6	4027758.42	0.007326642	1.34E-03	1.00E-03	0.00E+00
2125	259532.2	4027758.02	0.007925931	1.45E-03	1.08E-03	0.00E+00
2126	259554.8	4027757.62	0.008706683	1.59E-03	1.19E-03	0.00E+00
2127	259577.4	4027757.22	0.009674015	1.77E-03	1.32E-03	0.00E+00
2128	259356.7	4027778.86	0.004728945	8.66E-04	6.46E-04	0.00E+00
2129	259313.6	4027747.57	0.004667294	8.55E-04	6.38E-04	0.00E+00
2130	259397	4027785.4	0.005071628	9.29E-04	6.93E-04	0.00E+00
2131	259419.6	4027785	0.005335679	9.77E-04	7.29E-04	0.00E+00
2132	259442.2	4027784.61	0.005622994	1.03E-03	7.68E-04	0.00E+00
2133	259464.8	4027784.21	0.005941716	1.09E-03	8.12E-04	0.00E+00
2134	259487.4	4027783.81	0.00629068	1.15E-03	8.60E-04	0.00E+00
2135	259510	4027783.41	0.006680591	1.22E-03	9.13E-04	0.00E+00
2136	259532.6	4027783.01	0.007151461	1.31E-03	9.77E-04	0.00E+00
2137	259555.2	4027782.62	0.007741213	1.42E-03	1.06E-03	0.00E+00
2138	259577.8	4027782.22	0.008391452	1.54E-03	1.15E-03	0.00E+00
2139	259357.2	4027803.85	0.004431859	8.11E-04	6.06E-04	0.00E+00
2140	259321.7	4027789.98	0.004272731	7.82E-04	5.84E-04	0.00E+00
2141	259296.3	4027765.62	0.004290179	7.85E-04	5.86E-04	0.00E+00
2142	259397.5	4027810.4	0.004730573	8.66E-04	6.47E-04	0.00E+00
2143	259420.1	4027810	0.004961588	9.08E-04	6.78E-04	0.00E+00
2144	259442.7	4027809.6	0.00521168	9.54E-04	7.12E-04	0.00E+00
2145	259465.3	4027809.2	0.005489456	1.01E-03	7.50E-04	0.00E+00
2146	259487.9	4027808.81	0.005785844	1.06E-03	7.91E-04	0.00E+00
2147	259510.5	4027808.41	0.006103635	1.12E-03	8.34E-04	0.00E+00
2148	259533.1	4027808.01	0.006465629	1.18E-03	8.84E-04	0.00E+00
2149	259555.7	4027807.61	0.006898811	1.26E-03	9.43E-04	0.00E+00
2150	259578.3	4027807.21	0.007384106	1.35E-03	1.01E-03	0.00E+00
2151	259358	4027853.85	0.00393028	7.20E-04	5.37E-04	0.00E+00
2152	259322.6	4027839.97	0.003804652	6.97E-04	5.20E-04	0.00E+00
2153	259287.1	4027826.09	0.003660413	6.70E-04	5.00E-04	0.00E+00
2154	259261.7	4027801.73	0.003658319	6.70E-04	5.00E-04	0.00E+00
2155	259246.3	4027766.91	0.003801395	6.96E-04	5.20E-04	0.00E+00

2156	259398.4	4027860.39	0.004151756	7.60E-04	5.67E-04	0.00E+00
2157	259421	4027859.99	0.004328565	7.93E-04	5.92E-04	0.00E+00
2158	259443.6	4027859.59	0.004517007	8.27E-04	6.17E-04	0.00E+00
2159	259466.2	4027859.2	0.004721733	8.65E-04	6.45E-04	0.00E+00
2160	259488.7	4027858.8	0.004932973	9.03E-04	6.74E-04	0.00E+00
2161	259511.3	4027858.4	0.005152589	9.43E-04	7.04E-04	0.00E+00
2162	259533.9	4027858	0.005391048	9.87E-04	7.37E-04	0.00E+00
2163	259556.5	4027857.6	0.005639046	1.03E-03	7.71E-04	0.00E+00
2164	259579.1	4027857.21	0.005890534	1.08E-03	8.05E-04	0.00E+00
2165	259356.4	4027902.85	0.003496632	6.40E-04	4.78E-04	0.00E+00
2166	259315.9	4027886.99	0.003395432	6.22E-04	4.64E-04	0.00E+00
2167	259275.3	4027871.12	0.003260964	5.97E-04	4.46E-04	0.00E+00
2168	259226	4027835.36	0.003182098	5.83E-04	4.35E-04	0.00E+00
2169	259208.4	4027795.56	0.003299816	6.04E-04	4.51E-04	0.00E+00
2170	259190.8	4027755.75	0.003384963	6.20E-04	4.63E-04	0.00E+00
2171	259399.2	4027910.38	0.003675069	6.73E-04	5.02E-04	0.00E+00
2172	259421.8	4027909.98	0.00380977	6.98E-04	5.21E-04	0.00E+00
2173	259444.4	4027909.59	0.003950985	7.23E-04	5.40E-04	0.00E+00
2174	259467	4027909.19	0.004097317	7.50E-04	5.60E-04	0.00E+00
2175	259489.6	4027908.79	0.004250164	7.78E-04	5.81E-04	0.00E+00
2176	259512.2	4027908.39	0.004406035	8.07E-04	6.02E-04	0.00E+00
2177	259534.8	4027907.99	0.004561441	8.35E-04	6.23E-04	0.00E+00
2178	259557.4	4027907.6	0.004712427	8.63E-04	6.44E-04	0.00E+00
2179	259580	4027907.2	0.004845266	8.87E-04	6.62E-04	0.00E+00
2180	259357.8	4027953.06	0.003135337	5.74E-04	4.28E-04	0.00E+00
2181	259318.4	4027937.64	0.003067638	5.62E-04	4.19E-04	0.00E+00
2182	259279	4027922.22	0.002968531	5.44E-04	4.06E-04	0.00E+00
2183	259239.6	4027906.8	0.002862213	5.24E-04	3.91E-04	0.00E+00
2184	259191.7	4027872.02	0.002804052	5.13E-04	3.83E-04	0.00E+00
2185	259174.5	4027833.33	0.002889665	5.29E-04	3.95E-04	0.00E+00
2186	259157.4	4027794.63	0.002958993	5.42E-04	4.04E-04	0.00E+00
2187	259140.3	4027755.93	0.002999938	5.49E-04	4.10E-04	0.00E+00
2188	259400.1	4027960.37	0.003272131	5.99E-04	4.47E-04	0.00E+00
2189	259422.7	4027959.98	0.003377286	6.18E-04	4.62E-04	0.00E+00
2190	259445.3	4027959.58	0.003482441	6.38E-04	4.76E-04	0.00E+00
2191	259467.9	4027959.18	0.003591085	6.57E-04	4.91E-04	0.00E+00
2192	259490.5	4027958.78	0.003705546	6.78E-04	5.06E-04	0.00E+00
2193	259513.1	4027958.38	0.003816982	6.99E-04	5.22E-04	0.00E+00
2194	259535.7	4027957.99	0.003922137	7.18E-04	5.36E-04	0.00E+00
2195	259558.3	4027957.59	0.004021243	7.36E-04	5.50E-04	0.00E+00
2196	259580.9	4027957.19	0.004107554	7.52E-04	5.61E-04	0.00E+00
2197	259359.1	4028003.19	0.0028329	5.19E-04	3.87E-04	0.00E+00
2198	259320.4	4027988.05	0.002786139	5.10E-04	3.81E-04	0.00E+00
2199	259281.7	4027972.91	0.002721929	4.98E-04	3.72E-04	0.00E+00
2200	259243	4027957.77	0.002645855	4.84E-04	3.62E-04	0.00E+00
2201	259204.3	4027942.63	0.002560009	4.69E-04	3.50E-04	0.00E+00
2202	259157.2	4027908.49	0.002492077	4.56E-04	3.41E-04	0.00E+00

2203	259140.4	4027870.5	0.00255745	4.68E-04	3.50E-04	0.00E+00
2204	259123.6	4027832.5	0.002611423	4.78E-04	3.57E-04	0.00E+00
2205	259106.8	4027794.51	0.002652136	4.86E-04	3.62E-04	0.00E+00
2206	259090	4027756.52	0.002667258	4.88E-04	3.65E-04	0.00E+00
2207	259401	4028010.37	0.002927586	5.36E-04	4.00E-04	0.00E+00
2208	259423.6	4028009.97	0.003004126	5.50E-04	4.11E-04	0.00E+00
2209	259446.2	4028009.57	0.003087179	5.65E-04	4.22E-04	0.00E+00
2210	259468.8	4028009.17	0.003171862	5.81E-04	4.33E-04	0.00E+00
2211	259491.4	4028008.77	0.003255148	5.96E-04	4.45E-04	0.00E+00
2212	259514	4028008.38	0.003335177	6.11E-04	4.56E-04	0.00E+00
2213	259536.6	4028007.98	0.003413578	6.25E-04	4.67E-04	0.00E+00
2214	259559.2	4028007.58	0.003483604	6.38E-04	4.76E-04	0.00E+00
2215	259581.8	4028007.18	0.003544789	6.49E-04	4.84E-04	0.00E+00
2216	259359.9	4028102.82	0.002340859	4.29E-04	3.20E-04	0.00E+00
2217	259319.4	4028086.95	0.002315268	4.24E-04	3.16E-04	0.00E+00
2218	259278.8	4028071.09	0.002291539	4.20E-04	3.13E-04	0.00E+00
2219	259238.3	4028055.23	0.002247802	4.12E-04	3.07E-04	0.00E+00
2220	259197.8	4028039.37	0.002186849	4.00E-04	2.99E-04	0.00E+00
2221	259157.3	4028023.5	0.002120313	3.88E-04	2.90E-04	0.00E+00
2222	259116.7	4028007.64	0.002045402	3.74E-04	2.80E-04	0.00E+00
2223	259087.7	4027979.81	0.002027954	3.71E-04	2.77E-04	0.00E+00
2224	259070.1	4027940.01	0.002070062	3.79E-04	2.83E-04	0.00E+00
2225	259052.5	4027900.2	0.002108913	3.86E-04	2.88E-04	0.00E+00
2226	259034.9	4027860.4	0.002141018	3.92E-04	2.93E-04	0.00E+00
2227	259017.3	4027820.6	0.002159397	3.95E-04	2.95E-04	0.00E+00
2228	258999.7	4027780.8	0.002171727	3.98E-04	2.97E-04	0.00E+00
2229	259402.8	4028110.35	0.002403905	4.40E-04	3.29E-04	0.00E+00
2230	259425.4	4028109.95	0.002455785	4.50E-04	3.36E-04	0.00E+00
2231	259448	4028109.55	0.002506966	4.59E-04	3.43E-04	0.00E+00
2232	259470.6	4028109.16	0.00255652	4.68E-04	3.49E-04	0.00E+00
2233	259493.1	4028108.76	0.002602816	4.77E-04	3.56E-04	0.00E+00
2234	259515.7	4028108.36	0.002644924	4.84E-04	3.61E-04	0.00E+00
2235	259538.3	4028107.96	0.002681914	4.91E-04	3.67E-04	0.00E+00
2236	259560.9	4028107.57	0.002713787	4.97E-04	3.71E-04	0.00E+00
2237	259583.5	4028107.17	0.002734724	5.01E-04	3.74E-04	0.00E+00
2238	259361.1	4028202.57	0.001978866	3.62E-04	2.70E-04	0.00E+00
2239	259319.3	4028186.24	0.001968397	3.60E-04	2.69E-04	0.00E+00
2240	259277.6	4028169.91	0.001956765	3.58E-04	2.67E-04	0.00E+00
2241	259235.9	4028153.58	0.001936292	3.55E-04	2.65E-04	0.00E+00
2242	259194.2	4028137.25	0.001902559	3.48E-04	2.60E-04	0.00E+00
2243	259152.5	4028120.92	0.001859752	3.41E-04	2.54E-04	0.00E+00
2244	259110.7	4028104.59	0.001805081	3.30E-04	2.47E-04	0.00E+00
2245	259069	4028088.27	0.001744361	3.19E-04	2.38E-04	0.00E+00
2246	259018.3	4028051.45	0.001699461	3.11E-04	2.32E-04	0.00E+00
2247	259000.1	4028010.48	0.001730868	3.17E-04	2.37E-04	0.00E+00
2248	258982	4027969.5	0.001760181	3.22E-04	2.41E-04	0.00E+00
2249	258963.9	4027928.53	0.001784841	3.27E-04	2.44E-04	0.00E+00

2250	258945.8	4027887.56	0.001796706	3.29E-04	2.46E-04	0.00E+00
2251	258927.7	4027846.58	0.001810897	3.32E-04	2.47E-04	0.00E+00
2252	258909.5	4027805.61	0.001823227	3.34E-04	2.49E-04	0.00E+00
2253	258891.4	4027764.64	0.001830207	3.35E-04	2.50E-04	0.00E+00
2254	259404.5	4028210.33	0.002018183	3.70E-04	2.76E-04	0.00E+00
2255	259427.1	4028209.94	0.002050753	3.75E-04	2.80E-04	0.00E+00
2256	259449.7	4028209.54	0.00208216	3.81E-04	2.85E-04	0.00E+00
2257	259472.3	4028209.14	0.00211124	3.87E-04	2.89E-04	0.00E+00
2258	259494.9	4028208.74	0.002129386	3.90E-04	2.91E-04	0.00E+00
2259	259517.5	4028208.35	0.002150091	3.94E-04	2.94E-04	0.00E+00
2260	259540.1	4028207.95	0.002169633	3.97E-04	2.97E-04	0.00E+00
2261	259562.7	4028207.55	0.002181498	3.99E-04	2.98E-04	0.00E+00
2262	259585.3	4028207.15	0.002178706	3.99E-04	2.98E-04	0.00E+00
2263	259363.4	4028302.79	0.001704579	3.12E-04	2.33E-04	0.00E+00
2264	259322.9	4028286.92	0.001700857	3.11E-04	2.32E-04	0.00E+00
2265	259282.4	4028271.06	0.001695041	3.10E-04	2.32E-04	0.00E+00
2266	259241.8	4028255.2	0.001687829	3.09E-04	2.31E-04	0.00E+00
2267	259201.3	4028239.34	0.001675266	3.07E-04	2.29E-04	0.00E+00
2268	259160.8	4028223.47	0.001655957	3.03E-04	2.26E-04	0.00E+00
2269	259120.3	4028207.61	0.001625248	2.98E-04	2.22E-04	0.00E+00
2270	259079.7	4028191.75	0.001585233	2.90E-04	2.17E-04	0.00E+00
2271	259039.2	4028175.89	0.001539635	2.82E-04	2.10E-04	0.00E+00
2272	258998.7	4028160.02	0.001492176	2.73E-04	2.04E-04	0.00E+00
2273	258949.3	4028124.26	0.001457744	2.67E-04	1.99E-04	0.00E+00
2274	258931.7	4028084.46	0.001481474	2.71E-04	2.02E-04	0.00E+00
2275	258914.1	4028044.66	0.001504273	2.75E-04	2.06E-04	0.00E+00
2276	258896.5	4028004.85	0.001524978	2.79E-04	2.08E-04	0.00E+00
2277	258878.9	4027965.05	0.001542659	2.82E-04	2.11E-04	0.00E+00
2278	258861.3	4027925.25	0.001557316	2.85E-04	2.13E-04	0.00E+00
2279	258843.7	4027885.45	0.001570111	2.87E-04	2.15E-04	0.00E+00
2280	258826.1	4027845.64	0.001573833	2.88E-04	2.15E-04	0.00E+00
2281	258808.5	4027805.84	0.001577556	2.89E-04	2.16E-04	0.00E+00
2282	258790.9	4027766.04	0.001564062	2.86E-04	2.14E-04	0.00E+00
2283	259406.3	4028310.32	0.001725052	3.16E-04	2.36E-04	0.00E+00
2284	259428.9	4028309.92	0.001746687	3.20E-04	2.39E-04	0.00E+00
2285	259451.5	4028309.52	0.001765299	3.23E-04	2.41E-04	0.00E+00
2286	259474.1	4028309.13	0.001782282	3.26E-04	2.44E-04	0.00E+00
2287	259496.7	4028308.73	0.001795543	3.29E-04	2.45E-04	0.00E+00
2288	259519.3	4028308.33	0.001806244	3.31E-04	2.47E-04	0.00E+00
2289	259541.9	4028307.93	0.001811362	3.32E-04	2.48E-04	0.00E+00
2290	259564.5	4028307.53	0.001809734	3.31E-04	2.47E-04	0.00E+00
2291	259587.1	4028307.14	0.001802522	3.30E-04	2.46E-04	0.00E+00
2292	259364.8	4028402.61	0.001487755	2.72E-04	2.03E-04	0.00E+00
2293	259323.4	4028386.41	0.001490314	2.73E-04	2.04E-04	0.00E+00
2294	259282	4028370.22	0.001488686	2.73E-04	2.03E-04	0.00E+00
2295	259240.6	4028354.03	0.001484731	2.72E-04	2.03E-04	0.00E+00
2296	259199.3	4028337.83	0.001478915	2.71E-04	2.02E-04	0.00E+00

2297	259157.9	4028321.64	0.001466119	2.68E-04	2.00E-04	0.00E+00
2298	259116.5	4028305.45	0.001452393	2.66E-04	1.98E-04	0.00E+00
2299	259075.2	4028289.26	0.001430758	2.62E-04	1.96E-04	0.00E+00
2300	259033.8	4028273.06	0.001397024	2.56E-04	1.91E-04	0.00E+00
2301	258992.4	4028256.87	0.001358405	2.49E-04	1.86E-04	0.00E+00
2302	258951	4028240.68	0.001320019	2.42E-04	1.80E-04	0.00E+00
2303	258909.7	4028224.48	0.001283727	2.35E-04	1.75E-04	0.00E+00
2304	258880	4028196.07	0.001274654	2.33E-04	1.74E-04	0.00E+00
2305	258862	4028155.44	0.001293731	2.37E-04	1.77E-04	0.00E+00
2306	258844.1	4028114.81	0.001314436	2.41E-04	1.80E-04	0.00E+00
2307	258826.1	4028074.18	0.001332117	2.44E-04	1.82E-04	0.00E+00
2308	258808.1	4028033.54	0.001346308	2.46E-04	1.84E-04	0.00E+00
2309	258790.2	4027992.91	0.001360267	2.49E-04	1.86E-04	0.00E+00
2310	258772.2	4027952.28	0.001367246	2.50E-04	1.87E-04	0.00E+00
2311	258754.2	4027911.65	0.00137027	2.51E-04	1.87E-04	0.00E+00
2312	258736.2	4027871.02	0.001373062	2.51E-04	1.88E-04	0.00E+00
2313	258718.3	4027830.39	0.001369107	2.51E-04	1.87E-04	0.00E+00
2314	258700.3	4027789.75	0.001362593	2.49E-04	1.86E-04	0.00E+00
2315	259408	4028410.3	0.001498457	2.74E-04	2.05E-04	0.00E+00
2316	259430.6	4028409.91	0.001511252	2.77E-04	2.07E-04	0.00E+00
2317	259453.2	4028409.51	0.001522419	2.79E-04	2.08E-04	0.00E+00
2318	259475.8	4028409.11	0.001532423	2.81E-04	2.09E-04	0.00E+00
2319	259498.4	4028408.71	0.001541031	2.82E-04	2.11E-04	0.00E+00
2320	259521	4028408.31	0.001547777	2.83E-04	2.12E-04	0.00E+00
2321	259543.6	4028407.92	0.001553593	2.84E-04	2.12E-04	0.00E+00
2322	259566.2	4028407.52	0.001555222	2.85E-04	2.13E-04	0.00E+00
2323	259588.8	4028407.12	0.001544055	2.83E-04	2.11E-04	0.00E+00
2324	259368.4	4028602.61	0.001176246	2.15E-04	1.61E-04	0.00E+00
2325	259327.2	4028586.49	0.001180201	2.16E-04	1.61E-04	0.00E+00
2326	259286	4028570.37	0.001186249	2.17E-04	1.62E-04	0.00E+00
2327	259244.8	4028554.26	0.001188576	2.18E-04	1.62E-04	0.00E+00
2328	259203.7	4028538.14	0.001187413	2.17E-04	1.62E-04	0.00E+00
2329	259162.5	4028522.02	0.001183458	2.17E-04	1.62E-04	0.00E+00
2330	259121.3	4028505.9	0.001178805	2.16E-04	1.61E-04	0.00E+00
2331	259080.1	4028489.78	0.001169034	2.14E-04	1.60E-04	0.00E+00
2332	259038.9	4028473.67	0.001165777	2.13E-04	1.59E-04	0.00E+00
2333	258997.7	4028457.55	0.001155075	2.11E-04	1.58E-04	0.00E+00
2334	258956.6	4028441.43	0.001137859	2.08E-04	1.56E-04	0.00E+00
2335	258915.4	4028425.31	0.001115293	2.04E-04	1.52E-04	0.00E+00
2336	258874.2	4028409.19	0.001088539	1.99E-04	1.49E-04	0.00E+00
2337	258833	4028393.07	0.00106132	1.94E-04	1.45E-04	0.00E+00
2338	258791.8	4028376.96	0.001036194	1.90E-04	1.42E-04	0.00E+00
2339	258741.7	4028340.62	0.001021072	1.87E-04	1.40E-04	0.00E+00
2340	258723.8	4028300.17	0.001035496	1.90E-04	1.42E-04	0.00E+00
2341	258705.9	4028259.73	0.001049688	1.92E-04	1.43E-04	0.00E+00
2342	258688.1	4028219.28	0.001061785	1.94E-04	1.45E-04	0.00E+00
2343	258670.2	4028178.84	0.001070625	1.96E-04	1.46E-04	0.00E+00

2344	258652.3	4028138.39	0.001080629	1.98E-04	1.48E-04	0.00E+00
2345	258634.4	4028097.95	0.00108598	1.99E-04	1.48E-04	0.00E+00
2346	258616.5	4028057.5	0.001087841	1.99E-04	1.49E-04	0.00E+00
2347	258598.6	4028017.06	0.001095053	2.00E-04	1.50E-04	0.00E+00
2348	258580.7	4027976.61	0.001095751	2.01E-04	1.50E-04	0.00E+00
2349	258562.9	4027936.17	0.001094122	2.00E-04	1.50E-04	0.00E+00
2350	258545	4027895.73	0.001092494	2.00E-04	1.49E-04	0.00E+00
2351	258527.1	4027855.28	0.001090633	2.00E-04	1.49E-04	0.00E+00
2352	258509.2	4027814.84	0.001086213	1.99E-04	1.48E-04	0.00E+00
2353	258491.3	4027774.39	0.001082723	1.98E-04	1.48E-04	0.00E+00
2354	259411.6	4028610.27	0.001178805	2.16E-04	1.61E-04	0.00E+00
2355	259434.2	4028609.88	0.001184621	2.17E-04	1.62E-04	0.00E+00
2356	259456.8	4028609.48	0.001188576	2.18E-04	1.62E-04	0.00E+00
2357	259479.4	4028609.08	0.001193461	2.19E-04	1.63E-04	0.00E+00
2358	259501.9	4028608.68	0.001196718	2.19E-04	1.64E-04	0.00E+00
2359	259524.5	4028608.28	0.001198579	2.19E-04	1.64E-04	0.00E+00
2360	259547.1	4028607.89	0.00119951	2.20E-04	1.64E-04	0.00E+00
2361	259569.7	4028607.49	0.001199277	2.20E-04	1.64E-04	0.00E+00
2362	259592.3	4028607.09	0.001197882	2.19E-04	1.64E-04	0.00E+00
2363	259372	4028802.6	0.000973613	1.78E-04	1.33E-04	0.00E+00
2364	259330.9	4028786.53	0.000979429	1.79E-04	1.34E-04	0.00E+00
2365	259289.8	4028770.46	0.000983849	1.80E-04	1.34E-04	0.00E+00
2366	259248.8	4028754.39	0.000986874	1.81E-04	1.35E-04	0.00E+00
2367	259207.7	4028738.32	0.000987804	1.81E-04	1.35E-04	0.00E+00
2368	259166.7	4028722.25	0.000985711	1.80E-04	1.35E-04	0.00E+00
2369	259125.6	4028706.18	0.000982454	1.80E-04	1.34E-04	0.00E+00
2370	259084.5	4028690.11	0.000979662	1.79E-04	1.34E-04	0.00E+00
2371	259043.5	4028674.04	0.00097594	1.79E-04	1.33E-04	0.00E+00
2372	259002.4	4028657.96	0.000972915	1.78E-04	1.33E-04	0.00E+00
2373	258961.3	4028641.89	0.000969426	1.77E-04	1.32E-04	0.00E+00
2374	258920.3	4028625.82	0.000963842	1.76E-04	1.32E-04	0.00E+00
2375	258879.2	4028609.75	0.000955002	1.75E-04	1.31E-04	0.00E+00
2376	258838.2	4028593.68	0.000941741	1.72E-04	1.29E-04	0.00E+00
2377	258797.1	4028577.61	0.000924758	1.69E-04	1.26E-04	0.00E+00
2378	258756	4028561.54	0.000904983	1.66E-04	1.24E-04	0.00E+00
2379	258715	4028545.47	0.000886837	1.62E-04	1.21E-04	0.00E+00
2380	258673.9	4028529.39	0.000870087	1.59E-04	1.19E-04	0.00E+00
2381	258632.9	4028513.32	0.000855663	1.57E-04	1.17E-04	0.00E+00
2382	258603.4	4028485.13	0.000854034	1.56E-04	1.17E-04	0.00E+00
2383	258585.6	4028444.8	0.000863107	1.58E-04	1.18E-04	0.00E+00
2384	258567.7	4028404.47	0.000874042	1.60E-04	1.19E-04	0.00E+00
2385	258549.9	4028364.15	0.000882184	1.62E-04	1.21E-04	0.00E+00
2386	258532.1	4028323.82	0.000889861	1.63E-04	1.22E-04	0.00E+00
2387	258514.2	4028283.49	0.000895678	1.64E-04	1.22E-04	0.00E+00
2388	258496.4	4028243.17	0.000898935	1.65E-04	1.23E-04	0.00E+00
2389	258478.6	4028202.84	0.00090033	1.65E-04	1.23E-04	0.00E+00
2390	258460.7	4028162.51	0.000898702	1.65E-04	1.23E-04	0.00E+00

2391	258442.9	4028122.19	0.000900563	1.65E-04	1.23E-04	0.00E+00
2392	258425.1	4028081.86	0.000901959	1.65E-04	1.23E-04	0.00E+00
2393	258407.2	4028041.54	0.000904518	1.66E-04	1.24E-04	0.00E+00
2394	258389.4	4028001.21	0.000907775	1.66E-04	1.24E-04	0.00E+00
2395	258371.6	4027960.88	0.000909404	1.67E-04	1.24E-04	0.00E+00
2396	258353.7	4027920.56	0.000910334	1.67E-04	1.24E-04	0.00E+00
2397	258335.9	4027880.23	0.000912893	1.67E-04	1.25E-04	0.00E+00
2398	258318.1	4027839.9	0.000913126	1.67E-04	1.25E-04	0.00E+00
2399	258300.2	4027799.58	0.000909404	1.67E-04	1.24E-04	0.00E+00
2400	259415.1	4028810.24	0.000971985	1.78E-04	1.33E-04	0.00E+00
2401	259437.7	4028809.84	0.000973613	1.78E-04	1.33E-04	0.00E+00
2402	259460.3	4028809.45	0.000974776	1.78E-04	1.33E-04	0.00E+00
2403	259482.9	4028809.05	0.000975009	1.79E-04	1.33E-04	0.00E+00
2404	259505.5	4028808.65	0.000973846	1.78E-04	1.33E-04	0.00E+00
2405	259528.1	4028808.25	0.000971752	1.78E-04	1.33E-04	0.00E+00
2406	259550.7	4028807.86	0.000969658	1.78E-04	1.33E-04	0.00E+00
2407	259573.3	4028807.46	0.000967099	1.77E-04	1.32E-04	0.00E+00
2408	259595.9	4028807.06	0.000964307	1.77E-04	1.32E-04	0.00E+00
2409	259375.1	4029002.41	0.000828676	1.52E-04	1.13E-04	0.00E+00
2410	259354.1	4028994.21	0.000833562	1.53E-04	1.14E-04	0.00E+00
2411	259333.1	4028986	0.000837749	1.53E-04	1.14E-04	0.00E+00
2412	259312.2	4028977.8	0.000841239	1.54E-04	1.15E-04	0.00E+00
2413	259291.2	4028969.6	0.000844031	1.55E-04	1.15E-04	0.00E+00
2414	259249.3	4028953.2	0.00084752	1.55E-04	1.16E-04	0.00E+00
2415	259228.4	4028945	0.00084659	1.55E-04	1.16E-04	0.00E+00
2416	259207.4	4028936.79	0.000847753	1.55E-04	1.16E-04	0.00E+00
2417	259186.5	4028928.59	0.000849614	1.56E-04	1.16E-04	0.00E+00
2418	259144.6	4028912.19	0.000847055	1.55E-04	1.16E-04	0.00E+00
2419	259123.6	4028903.99	0.000845194	1.55E-04	1.16E-04	0.00E+00
2420	259102.6	4028895.79	0.0008431	1.54E-04	1.15E-04	0.00E+00
2421	259081.7	4028887.58	0.000840541	1.54E-04	1.15E-04	0.00E+00
2422	259039.8	4028871.18	0.000834958	1.53E-04	1.14E-04	0.00E+00
2423	259018.8	4028862.98	0.000833096	1.53E-04	1.14E-04	0.00E+00
2424	258997.9	4028854.78	0.000831468	1.52E-04	1.14E-04	0.00E+00
2425	258976.9	4028846.58	0.000829374	1.52E-04	1.13E-04	0.00E+00
2426	258935	4028830.17	0.000826582	1.51E-04	1.13E-04	0.00E+00
2427	258914.1	4028821.97	0.000825885	1.51E-04	1.13E-04	0.00E+00
2428	258893.1	4028813.77	0.000825419	1.51E-04	1.13E-04	0.00E+00
2429	258872.1	4028805.57	0.000824721	1.51E-04	1.13E-04	0.00E+00
2430	258851.2	4028797.37	0.000823791	1.51E-04	1.13E-04	0.00E+00
2431	258809.3	4028780.96	0.000820301	1.50E-04	1.12E-04	0.00E+00
2432	258788.3	4028772.76	0.000817509	1.50E-04	1.12E-04	0.00E+00
2433	258767.4	4028764.56	0.000813554	1.49E-04	1.11E-04	0.00E+00
2434	258746.4	4028756.36	0.000808902	1.48E-04	1.11E-04	0.00E+00
2435	258704.5	4028739.96	0.000797037	1.46E-04	1.09E-04	0.00E+00
2436	258683.6	4028731.75	0.000790523	1.45E-04	1.08E-04	0.00E+00
2437	258662.6	4028723.55	0.000783311	1.43E-04	1.07E-04	0.00E+00

2438	258641.6	4028715.35	0.000775401	1.42E-04	1.06E-04	0.00E+00
2439	258599.7	4028698.95	0.000761908	1.39E-04	1.04E-04	0.00E+00
2440	258578.8	4028690.75	0.000755626	1.38E-04	1.03E-04	0.00E+00
2441	258557.8	4028682.55	0.000749112	1.37E-04	1.02E-04	0.00E+00
2442	258536.9	4028674.34	0.000742831	1.36E-04	1.02E-04	0.00E+00
2443	258495	4028657.94	0.000736084	1.35E-04	1.01E-04	0.00E+00
2444	258464.9	4028629.16	0.000736782	1.35E-04	1.01E-04	0.00E+00
2445	258455.8	4028608.58	0.000740272	1.36E-04	1.01E-04	0.00E+00
2446	258437.6	4028567.42	0.000748182	1.37E-04	1.02E-04	0.00E+00
2447	258428.5	4028546.84	0.000751671	1.38E-04	1.03E-04	0.00E+00
2448	258410.3	4028505.68	0.000757953	1.39E-04	1.04E-04	0.00E+00
2449	258401.2	4028485.1	0.000760046	1.39E-04	1.04E-04	0.00E+00
2450	258383	4028443.94	0.000763536	1.40E-04	1.04E-04	0.00E+00
2451	258373.9	4028423.36	0.000764467	1.40E-04	1.04E-04	0.00E+00
2452	258355.7	4028382.2	0.000766095	1.40E-04	1.05E-04	0.00E+00
2453	258346.6	4028361.62	0.000766095	1.40E-04	1.05E-04	0.00E+00
2454	258328.4	4028320.46	0.000765862	1.40E-04	1.05E-04	0.00E+00
2455	258310.2	4028279.3	0.00076563	1.40E-04	1.05E-04	0.00E+00
2456	258292	4028238.14	0.000766793	1.40E-04	1.05E-04	0.00E+00
2457	258282.9	4028217.56	0.000767724	1.41E-04	1.05E-04	0.00E+00
2458	258264.7	4028176.4	0.000768887	1.41E-04	1.05E-04	0.00E+00
2459	258255.6	4028155.83	0.000770748	1.41E-04	1.05E-04	0.00E+00
2460	258237.4	4028114.67	0.000774703	1.42E-04	1.06E-04	0.00E+00
2461	258228.3	4028094.09	0.000776099	1.42E-04	1.06E-04	0.00E+00
2462	258210.1	4028052.93	0.000778891	1.43E-04	1.06E-04	0.00E+00
2463	258201	4028032.35	0.000780054	1.43E-04	1.07E-04	0.00E+00
2464	258182.8	4027991.19	0.000782148	1.43E-04	1.07E-04	0.00E+00
2465	258173.7	4027970.61	0.000783078	1.43E-04	1.07E-04	0.00E+00
2466	258155.5	4027929.45	0.000784474	1.44E-04	1.07E-04	0.00E+00
2467	258146.4	4027908.87	0.000784707	1.44E-04	1.07E-04	0.00E+00
2468	258128.2	4027867.71	0.000785405	1.44E-04	1.07E-04	0.00E+00
2469	258110	4027826.55	0.000780519	1.43E-04	1.07E-04	0.00E+00
2470	258091.8	4027785.39	0.000774238	1.42E-04	1.06E-04	0.00E+00
2471	259418.6	4029010.21	0.00082193	1.50E-04	1.12E-04	0.00E+00
2472	259441.2	4029009.81	0.000820301	1.50E-04	1.12E-04	0.00E+00
2473	259463.8	4029009.42	0.000819371	1.50E-04	1.12E-04	0.00E+00
2474	259486.4	4029009.02	0.000817742	1.50E-04	1.12E-04	0.00E+00
2475	259509	4029008.62	0.000815416	1.49E-04	1.11E-04	0.00E+00
2476	259531.6	4029008.22	0.000812624	1.49E-04	1.11E-04	0.00E+00
2477	259554.2	4029007.82	0.000809134	1.48E-04	1.11E-04	0.00E+00
2478	259576.8	4029007.43	0.000805877	1.48E-04	1.10E-04	0.00E+00
2479	259599.4	4029007.03	0.000802388	1.47E-04	1.10E-04	0.00E+00
2480	259378.7	4029202.41	0.000715844	1.31E-04	9.78E-05	0.00E+00
2481	259336.9	4029186.08	0.000726546	1.33E-04	9.93E-05	0.00E+00
2482	259295.2	4029169.76	0.000735386	1.35E-04	1.01E-04	0.00E+00
2483	259253.5	4029153.43	0.000742365	1.36E-04	1.01E-04	0.00E+00
2484	259211.8	4029137.1	0.000747484	1.37E-04	1.02E-04	0.00E+00

2485	259170.1	4029120.77	0.000749112	1.37E-04	1.02E-04	0.00E+00
2486	259128.3	4029104.44	0.000748182	1.37E-04	1.02E-04	0.00E+00
2487	259086.6	4029088.11	0.000744692	1.36E-04	1.02E-04	0.00E+00
2488	259044.9	4029071.78	0.000739341	1.35E-04	1.01E-04	0.00E+00
2489	259003.2	4029055.45	0.00073306	1.34E-04	1.00E-04	0.00E+00
2490	258961.5	4029039.12	0.000726313	1.33E-04	9.93E-05	0.00E+00
2491	258919.8	4029022.79	0.000720962	1.32E-04	9.85E-05	0.00E+00
2492	258878	4029006.47	0.000717938	1.31E-04	9.81E-05	0.00E+00
2493	258836.3	4028990.14	0.000715844	1.31E-04	9.78E-05	0.00E+00
2494	258794.6	4028973.81	0.000714914	1.31E-04	9.77E-05	0.00E+00
2495	258752.9	4028957.48	0.000714681	1.31E-04	9.77E-05	0.00E+00
2496	258711.2	4028941.15	0.00071282	1.31E-04	9.74E-05	0.00E+00
2497	258669.4	4028924.82	0.0007084	1.30E-04	9.68E-05	0.00E+00
2498	258627.7	4028908.49	0.000702584	1.29E-04	9.60E-05	0.00E+00
2499	258586	4028892.16	0.000693976	1.27E-04	9.48E-05	0.00E+00
2500	258544.3	4028875.83	0.000685135	1.25E-04	9.36E-05	0.00E+00
2501	258502.6	4028859.51	0.000677225	1.24E-04	9.26E-05	0.00E+00
2502	258460.8	4028843.18	0.00066885	1.22E-04	9.14E-05	0.00E+00
2503	258419.1	4028826.85	0.000658149	1.21E-04	8.99E-05	0.00E+00
2504	258377.4	4028810.52	0.000652798	1.20E-04	8.92E-05	0.00E+00
2505	258326.6	4028773.7	0.000648378	1.19E-04	8.86E-05	0.00E+00
2506	258308.5	4028732.73	0.000655589	1.20E-04	8.96E-05	0.00E+00
2507	258290.4	4028691.76	0.000659544	1.21E-04	9.01E-05	0.00E+00
2508	258272.3	4028650.78	0.000663034	1.21E-04	9.06E-05	0.00E+00
2509	258254.1	4028609.81	0.000666756	1.22E-04	9.11E-05	0.00E+00
2510	258236	4028568.84	0.000666291	1.22E-04	9.11E-05	0.00E+00
2511	258217.9	4028527.86	0.000665128	1.22E-04	9.09E-05	0.00E+00
2512	258199.8	4028486.89	0.000662801	1.21E-04	9.06E-05	0.00E+00
2513	258181.7	4028445.92	0.000661173	1.21E-04	9.04E-05	0.00E+00
2514	258163.5	4028404.94	0.000662801	1.21E-04	9.06E-05	0.00E+00
2515	258145.4	4028363.97	0.000665593	1.22E-04	9.10E-05	0.00E+00
2516	258127.3	4028323	0.000668385	1.22E-04	9.13E-05	0.00E+00
2517	258109.2	4028282.02	0.000669781	1.23E-04	9.15E-05	0.00E+00
2518	258091.1	4028241.05	0.00067234	1.23E-04	9.19E-05	0.00E+00
2519	258072.9	4028200.08	0.000675597	1.24E-04	9.23E-05	0.00E+00
2520	258054.8	4028159.1	0.000680017	1.25E-04	9.29E-05	0.00E+00
2521	258036.7	4028118.13	0.000684437	1.25E-04	9.35E-05	0.00E+00
2522	258018.6	4028077.16	0.000688858	1.26E-04	9.41E-05	0.00E+00
2523	258000.5	4028036.18	0.000687462	1.26E-04	9.40E-05	0.00E+00
2524	257982.3	4027995.21	0.000687229	1.26E-04	9.39E-05	0.00E+00
2525	257964.2	4027954.24	0.000687462	1.26E-04	9.40E-05	0.00E+00
2526	257946.1	4027913.26	0.000686531	1.26E-04	9.38E-05	0.00E+00
2527	257928	4027872.29	0.0006856	1.26E-04	9.37E-05	0.00E+00
2528	257909.9	4027831.32	0.000682111	1.25E-04	9.32E-05	0.00E+00
2529	257891.7	4027790.35	0.00067676	1.24E-04	9.25E-05	0.00E+00
2530	259422.1	4029210.18	0.0007084	1.30E-04	9.68E-05	0.00E+00
2531	259444.7	4029209.78	0.000706306	1.29E-04	9.65E-05	0.00E+00

2532	259467.3	4029209.38	0.000703979	1.29E-04	9.62E-05	0.00E+00
2533	259489.9	4029208.99	0.00070142	1.28E-04	9.59E-05	0.00E+00
2534	259512.5	4029208.59	0.000698861	1.28E-04	9.55E-05	0.00E+00
2535	259535.1	4029208.19	0.000695837	1.27E-04	9.51E-05	0.00E+00
2536	259557.7	4029207.79	0.000693045	1.27E-04	9.47E-05	0.00E+00
2537	259580.3	4029207.4	0.000690253	1.26E-04	9.43E-05	0.00E+00
2538	259602.9	4029207	0.000687462	1.26E-04	9.40E-05	0.00E+00
2539	259621.3	4027730.68	0.01578975	2.89E-03	2.16E-03	0.00E+00
2540	259665.3	4027729.15	0.01815992	3.32E-03	2.48E-03	0.00E+00
2541	259709.3	4027727.61	0.01888065	3.46E-03	2.58E-03	0.00E+00
2542	259600.2	4027756.43	0.01089376	1.99E-03	1.49E-03	0.00E+00
2543	259644.2	4027754.9	0.0129059	2.36E-03	1.76E-03	0.00E+00
2544	259688.2	4027753.36	0.01367921	2.50E-03	1.87E-03	0.00E+00
2545	259732.1	4027751.83	0.01409727	2.58E-03	1.93E-03	0.00E+00
2546	259601.1	4027781.42	0.009135446	1.67E-03	1.25E-03	0.00E+00
2547	259645.1	4027779.88	0.0103431	1.89E-03	1.41E-03	0.00E+00
2548	259689	4027778.35	0.01089679	2.00E-03	1.49E-03	0.00E+00
2549	259733	4027776.81	0.01124273	2.06E-03	1.54E-03	0.00E+00
2550	259602	4027806.4	0.007878007	1.44E-03	1.08E-03	0.00E+00
2551	259645.9	4027804.87	0.008664575	1.59E-03	1.18E-03	0.00E+00
2552	259689.9	4027803.33	0.009074725	1.66E-03	1.24E-03	0.00E+00
2553	259733.9	4027801.8	0.009331099	1.71E-03	1.28E-03	0.00E+00
2554	259603.7	4027856.37	0.006154119	1.13E-03	8.41E-04	0.00E+00
2555	259647.7	4027854.84	0.006545193	1.20E-03	8.95E-04	0.00E+00
2556	259691.6	4027853.3	0.006785979	1.24E-03	9.27E-04	0.00E+00
2557	259735.6	4027851.77	0.006923238	1.27E-03	9.46E-04	0.00E+00
2558	259605.5	4027906.34	0.004993228	9.14E-04	6.82E-04	0.00E+00
2559	259649.4	4027904.81	0.005249601	9.61E-04	7.17E-04	0.00E+00
2560	259693.4	4027903.27	0.005383371	9.86E-04	7.36E-04	0.00E+00
2561	259737.4	4027901.74	0.005439904	9.96E-04	7.43E-04	0.00E+00
2562	259607.2	4027956.31	0.004185489	7.66E-04	5.72E-04	0.00E+00
2563	259651.2	4027954.78	0.004334847	7.94E-04	5.92E-04	0.00E+00
2564	259695.1	4027953.24	0.004438838	8.13E-04	6.07E-04	0.00E+00
2565	259739.1	4027951.71	0.004456984	8.16E-04	6.09E-04	0.00E+00
2566	259608.9	4028006.28	0.003607836	6.61E-04	4.93E-04	0.00E+00
2567	259652.9	4028004.75	0.003681119	6.74E-04	5.03E-04	0.00E+00
2568	259696.9	4028003.21	0.003739047	6.85E-04	5.11E-04	0.00E+00
2569	259740.8	4028001.68	0.003746026	6.86E-04	5.12E-04	0.00E+00
2570	259612.4	4028106.22	0.002751475	5.04E-04	3.76E-04	0.00E+00
2571	259656.4	4028104.69	0.00275985	5.05E-04	3.77E-04	0.00E+00
2572	259700.4	4028103.15	0.002766829	5.07E-04	3.78E-04	0.00E+00
2573	259744.3	4028101.62	0.002765899	5.06E-04	3.78E-04	0.00E+00
2574	259615.9	4028206.16	0.002170564	3.97E-04	2.97E-04	0.00E+00
2575	259659.9	4028204.62	0.002151487	3.94E-04	2.94E-04	0.00E+00
2576	259703.8	4028203.09	0.002150789	3.94E-04	2.94E-04	0.00E+00
2577	259747.8	4028201.56	0.002140088	3.92E-04	2.92E-04	0.00E+00
2578	259619.4	4028306.1	0.001796008	3.29E-04	2.45E-04	0.00E+00

2579	259663.4	4028304.56	0.001784841	3.27E-04	2.44E-04	0.00E+00
2580	259707.3	4028303.03	0.001773209	3.25E-04	2.42E-04	0.00E+00
2581	259751.3	4028301.49	0.001764834	3.23E-04	2.41E-04	0.00E+00
2582	259622.9	4028406.04	0.001538006	2.82E-04	2.10E-04	0.00E+00
2583	259666.9	4028404.5	0.001533121	2.81E-04	2.10E-04	0.00E+00
2584	259710.8	4028402.97	0.001525211	2.79E-04	2.08E-04	0.00E+00
2585	259754.8	4028401.43	0.001504971	2.76E-04	2.06E-04	0.00E+00
2586	259629.9	4028605.92	0.001193694	2.19E-04	1.63E-04	0.00E+00
2587	259673.8	4028604.38	0.001184155	2.17E-04	1.62E-04	0.00E+00
2588	259717.8	4028602.85	0.001167638	2.14E-04	1.60E-04	0.00E+00
2589	259761.8	4028601.31	0.001145071	2.10E-04	1.56E-04	0.00E+00
2590	259636.8	4028805.79	0.000957096	1.75E-04	1.31E-04	0.00E+00
2591	259680.8	4028804.26	0.000946859	1.73E-04	1.29E-04	0.00E+00
2592	259724.8	4028802.73	0.000935227	1.71E-04	1.28E-04	0.00E+00
2593	259768.7	4028801.19	0.000920105	1.68E-04	1.26E-04	0.00E+00
2594	259643.8	4029005.67	0.000796106	1.46E-04	1.09E-04	0.00E+00
2595	259687.8	4029004.14	0.000787498	1.44E-04	1.08E-04	0.00E+00
2596	259731.7	4029002.6	0.000778193	1.42E-04	1.06E-04	0.00E+00
2597	259775.7	4029001.07	0.00076656	1.40E-04	1.05E-04	0.00E+00
2598	259628.8	4029206.32	0.000683972	1.25E-04	9.35E-05	0.00E+00
2599	259672.8	4029204.78	0.000677458	1.24E-04	9.26E-05	0.00E+00
2600	259716.7	4029203.25	0.000670479	1.23E-04	9.16E-05	0.00E+00
2601	259760.7	4029201.71	0.000662336	1.21E-04	9.05E-05	0.00E+00
2602	259755	4027725.55	0.01916564	3.51E-03	2.62E-03	0.00E+00
2603	259778.3	4027724.27	0.01946133	3.56E-03	2.66E-03	0.00E+00
2604	259801.5	4027722.99	0.01979308	3.62E-03	2.71E-03	0.00E+00
2605	259824.8	4027721.71	0.02003735	3.67E-03	2.74E-03	0.00E+00
2606	259848	4027720.44	0.01997942	3.66E-03	2.73E-03	0.00E+00
2607	259871.3	4027719.16	0.0199094	3.65E-03	2.72E-03	0.00E+00
2608	259894.6	4027717.88	0.02007481	3.68E-03	2.74E-03	0.00E+00
2609	259756.4	4027750.51	0.01426663	2.61E-03	1.95E-03	0.00E+00
2610	259779.6	4027749.23	0.01439226	2.64E-03	1.97E-03	0.00E+00
2611	259802.9	4027747.95	0.01449369	2.65E-03	1.98E-03	0.00E+00
2612	259826.2	4027746.68	0.01455348	2.66E-03	1.99E-03	0.00E+00
2613	259849.4	4027745.4	0.01453813	2.66E-03	1.99E-03	0.00E+00
2614	259872.7	4027744.12	0.0145116	2.66E-03	1.98E-03	0.00E+00
2615	259895.9	4027742.84	0.01451021	2.66E-03	1.98E-03	0.00E+00
2616	259757.7	4027775.47	0.01139372	2.09E-03	1.56E-03	0.00E+00
2617	259781	4027774.19	0.01147723	2.10E-03	1.57E-03	0.00E+00
2618	259804.3	4027772.92	0.0114991	2.11E-03	1.57E-03	0.00E+00
2619	259827.5	4027771.64	0.01148515	2.10E-03	1.57E-03	0.00E+00
2620	259850.8	4027770.36	0.01144722	2.10E-03	1.56E-03	0.00E+00
2621	259874	4027769.08	0.01141512	2.09E-03	1.56E-03	0.00E+00
2622	259897.3	4027767.81	0.01135626	2.08E-03	1.55E-03	0.00E+00
2623	259759.1	4027800.43	0.009444862	1.73E-03	1.29E-03	0.00E+00
2624	259782.4	4027799.16	0.009506744	1.74E-03	1.30E-03	0.00E+00
2625	259805.6	4027797.88	0.00952047	1.74E-03	1.30E-03	0.00E+00

2626	259828.9	4027796.6	0.009502324	1.74E-03	1.30E-03	0.00E+00
2627	259852.2	4027795.32	0.009457191	1.73E-03	1.29E-03	0.00E+00
2628	259875.4	4027794.05	0.009389493	1.72E-03	1.28E-03	0.00E+00
2629	259898.7	4027792.77	0.009296202	1.70E-03	1.27E-03	0.00E+00
2630	259761.9	4027850.36	0.006976514	1.28E-03	9.53E-04	0.00E+00
2631	259785.1	4027849.08	0.007001174	1.28E-03	9.57E-04	0.00E+00
2632	259808.4	4027847.8	0.006992799	1.28E-03	9.56E-04	0.00E+00
2633	259831.6	4027846.53	0.00696302	1.27E-03	9.52E-04	0.00E+00
2634	259854.9	4027845.25	0.006906256	1.26E-03	9.44E-04	0.00E+00
2635	259878.2	4027843.97	0.006829948	1.25E-03	9.33E-04	0.00E+00
2636	259901.4	4027842.69	0.006739683	1.23E-03	9.21E-04	0.00E+00
2637	259764.6	4027900.28	0.005464564	1.00E-03	7.47E-04	0.00E+00
2638	259787.9	4027899	0.005459911	1.00E-03	7.46E-04	0.00E+00
2639	259811.1	4027897.73	0.005440136	9.96E-04	7.43E-04	0.00E+00
2640	259834.4	4027896.45	0.00540966	9.90E-04	7.39E-04	0.00E+00
2641	259857.6	4027895.17	0.005364294	9.82E-04	7.33E-04	0.00E+00
2642	259880.9	4027893.9	0.005287987	9.68E-04	7.23E-04	0.00E+00
2643	259904.2	4027892.62	0.005202142	9.52E-04	7.11E-04	0.00E+00
2644	259767.3	4027950.21	0.004459078	8.16E-04	6.09E-04	0.00E+00
2645	259790.6	4027948.93	0.004438606	8.13E-04	6.07E-04	0.00E+00
2646	259813.9	4027947.65	0.004397893	8.05E-04	6.01E-04	0.00E+00
2647	259837.1	4027946.38	0.004349503	7.96E-04	5.94E-04	0.00E+00
2648	259860.4	4027945.1	0.004305766	7.88E-04	5.88E-04	0.00E+00
2649	259883.6	4027943.82	0.004255981	7.79E-04	5.82E-04	0.00E+00
2650	259906.9	4027942.54	0.004176649	7.65E-04	5.71E-04	0.00E+00
2651	259770.1	4028000.13	0.003723692	6.82E-04	5.09E-04	0.00E+00
2652	259793.3	4027998.85	0.003700428	6.78E-04	5.06E-04	0.00E+00
2653	259816.6	4027997.58	0.00367065	6.72E-04	5.02E-04	0.00E+00
2654	259839.9	4027996.3	0.003627378	6.64E-04	4.96E-04	0.00E+00
2655	259863.1	4027995.02	0.0035748	6.55E-04	4.89E-04	0.00E+00
2656	259886.4	4027993.75	0.00351315	6.43E-04	4.80E-04	0.00E+00
2657	259909.6	4027992.47	0.003445916	6.31E-04	4.71E-04	0.00E+00
2658	259775.6	4028099.98	0.002757291	5.05E-04	3.77E-04	0.00E+00
2659	259798.8	4028098.7	0.002729606	5.00E-04	3.73E-04	0.00E+00
2660	259822.1	4028097.43	0.002694012	4.93E-04	3.68E-04	0.00E+00
2661	259845.3	4028096.15	0.00265423	4.86E-04	3.63E-04	0.00E+00
2662	259868.6	4028094.87	0.002611191	4.78E-04	3.57E-04	0.00E+00
2663	259891.9	4028093.6	0.002563033	4.69E-04	3.50E-04	0.00E+00
2664	259915.1	4028092.32	0.002509991	4.60E-04	3.43E-04	0.00E+00
2665	259781	4028199.83	0.002109844	3.86E-04	2.88E-04	0.00E+00
2666	259804.3	4028198.55	0.002076111	3.80E-04	2.84E-04	0.00E+00
2667	259827.6	4028197.28	0.002048426	3.75E-04	2.80E-04	0.00E+00
2668	259850.8	4028196	0.002021672	3.70E-04	2.76E-04	0.00E+00
2669	259874.1	4028194.72	0.001992592	3.65E-04	2.72E-04	0.00E+00
2670	259897.3	4028193.45	0.001953973	3.58E-04	2.67E-04	0.00E+00
2671	259920.6	4028192.17	0.001901861	3.48E-04	2.60E-04	0.00E+00
2672	259786.5	4028299.68	0.001745059	3.20E-04	2.38E-04	0.00E+00

2673	259809.8	4028298.4	0.001725052	3.16E-04	2.36E-04	0.00E+00
2674	259833	4028297.13	0.001698065	3.11E-04	2.32E-04	0.00E+00
2675	259856.3	4028295.85	0.001662005	3.04E-04	2.27E-04	0.00E+00
2676	259879.6	4028294.57	0.001623619	2.97E-04	2.22E-04	0.00E+00
2677	259902.8	4028293.29	0.001584302	2.90E-04	2.17E-04	0.00E+00
2678	259926.1	4028292.02	0.001542659	2.82E-04	2.11E-04	0.00E+00
2679	259792	4028399.53	0.001475658	2.70E-04	2.02E-04	0.00E+00
2680	259815.3	4028398.25	0.001447973	2.65E-04	1.98E-04	0.00E+00
2681	259838.5	4028396.98	0.001414007	2.59E-04	1.93E-04	0.00E+00
2682	259861.8	4028395.7	0.001379576	2.53E-04	1.89E-04	0.00E+00
2683	259885.1	4028394.42	0.001347471	2.47E-04	1.84E-04	0.00E+00
2684	259908.3	4028393.14	0.001318391	2.41E-04	1.80E-04	0.00E+00
2685	259931.6	4028391.87	0.00128931	2.36E-04	1.76E-04	0.00E+00
2686	259803	4028599.23	0.001122738	2.06E-04	1.53E-04	0.00E+00
2687	259826.2	4028597.95	0.00110622	2.03E-04	1.51E-04	0.00E+00
2688	259849.5	4028596.67	0.001087143	1.99E-04	1.49E-04	0.00E+00
2689	259872.8	4028595.4	0.001068299	1.96E-04	1.46E-04	0.00E+00
2690	259896	4028594.12	0.001049455	1.92E-04	1.43E-04	0.00E+00
2691	259919.3	4028592.84	0.001030843	1.89E-04	1.41E-04	0.00E+00
2692	259942.5	4028591.57	0.001011069	1.85E-04	1.38E-04	0.00E+00
2693	259813.9	4028798.93	0.000900796	1.65E-04	1.23E-04	0.00E+00
2694	259837.2	4028797.65	0.000889629	1.63E-04	1.22E-04	0.00E+00
2695	259860.5	4028796.37	0.000877764	1.61E-04	1.20E-04	0.00E+00
2696	259883.7	4028795.1	0.000865201	1.58E-04	1.18E-04	0.00E+00
2697	259907	4028793.82	0.000851243	1.56E-04	1.16E-04	0.00E+00
2698	259930.2	4028792.54	0.000836354	1.53E-04	1.14E-04	0.00E+00
2699	259953.5	4028791.27	0.000821697	1.50E-04	1.12E-04	0.00E+00
2700	259801.6	4028999.9	0.000757953	1.39E-04	1.04E-04	0.00E+00
2701	259824.9	4028998.63	0.000748414	1.37E-04	1.02E-04	0.00E+00
2702	259848.2	4028997.35	0.000739108	1.35E-04	1.01E-04	0.00E+00
2703	259871.4	4028996.07	0.000731199	1.34E-04	9.99E-05	0.00E+00
2704	259894.7	4028994.8	0.000724452	1.33E-04	9.90E-05	0.00E+00
2705	259917.9	4028993.52	0.000716775	1.31E-04	9.80E-05	0.00E+00
2706	259941.2	4028992.24	0.000706771	1.29E-04	9.66E-05	0.00E+00
2707	259964.5	4028990.96	0.000696767	1.28E-04	9.52E-05	0.00E+00
2708	259797.7	4029200.28	0.000653263	1.20E-04	8.93E-05	0.00E+00
2709	259835.9	4029198.33	0.00064419	1.18E-04	8.80E-05	0.00E+00
2710	259859.1	4029197.05	0.000638839	1.17E-04	8.73E-05	0.00E+00
2711	259882.4	4029195.77	0.000633256	1.16E-04	8.65E-05	0.00E+00
2712	259905.7	4029194.5	0.00062744	1.15E-04	8.57E-05	0.00E+00
2713	259928.9	4029193.22	0.000620926	1.14E-04	8.49E-05	0.00E+00
2714	259952.2	4029191.94	0.000613248	1.12E-04	8.38E-05	0.00E+00
2715	259975.4	4029190.66	0.000607432	1.11E-04	8.30E-05	0.00E+00
2716	259939.9	4027716.72	0.02014553	3.69E-03	2.75E-03	0.00E+00
2717	259962.9	4027716.12	0.0197868	3.62E-03	2.70E-03	0.00E+00
2718	259985.9	4027715.52	0.0193257	3.54E-03	2.64E-03	0.00E+00
2719	260008.9	4027714.93	0.01907654	3.49E-03	2.61E-03	0.00E+00

2720	260031.9	4027714.33	0.01859962	3.41E-03	2.54E-03	0.00E+00
2721	260054.9	4027713.73	0.01751782	3.21E-03	2.39E-03	0.00E+00
2722	260077.9	4027713.14	0.01633088	2.99E-03	2.23E-03	0.00E+00
2723	260100.9	4027712.54	0.01515835	2.78E-03	2.07E-03	0.00E+00
2724	260124	4027711.94	0.01355684	2.48E-03	1.85E-03	0.00E+00
2725	260147	4027711.35	0.01147723	2.10E-03	1.57E-03	0.00E+00
2726	260170	4027710.75	0.008702729	1.59E-03	1.19E-03	0.00E+00
2727	259940.5	4027741.71	0.01420917	2.60E-03	1.94E-03	0.00E+00
2728	259963.5	4027741.11	0.01395954	2.56E-03	1.91E-03	0.00E+00
2729	259986.5	4027740.52	0.01360941	2.49E-03	1.86E-03	0.00E+00
2730	260009.5	4027739.92	0.01321276	2.42E-03	1.81E-03	0.00E+00
2731	260032.6	4027739.32	0.01276468	2.34E-03	1.74E-03	0.00E+00
2732	260055.6	4027738.73	0.01216609	2.23E-03	1.66E-03	0.00E+00
2733	260078.6	4027738.13	0.01133998	2.08E-03	1.55E-03	0.00E+00
2734	260101.6	4027737.53	0.01042755	1.91E-03	1.43E-03	0.00E+00
2735	260124.6	4027736.94	0.009282243	1.70E-03	1.27E-03	0.00E+00
2736	260147.6	4027736.34	0.007967575	1.46E-03	1.09E-03	0.00E+00
2737	260170.6	4027735.74	0.006509831	1.19E-03	8.90E-04	0.00E+00
2738	259941.2	4027766.7	0.01096216	2.01E-03	1.50E-03	0.00E+00
2739	259964.2	4027766.1	0.0107693	1.97E-03	1.47E-03	0.00E+00
2740	259987.2	4027765.51	0.01048478	1.92E-03	1.43E-03	0.00E+00
2741	260010.2	4027764.91	0.01012767	1.85E-03	1.38E-03	0.00E+00
2742	260033.2	4027764.31	0.009708912	1.78E-03	1.33E-03	0.00E+00
2743	260056.2	4027763.72	0.009208496	1.69E-03	1.26E-03	0.00E+00
2744	260079.2	4027763.12	0.00861479	1.58E-03	1.18E-03	0.00E+00
2745	260102.2	4027762.52	0.007905925	1.45E-03	1.08E-03	0.00E+00
2746	260125.2	4027761.93	0.007059102	1.29E-03	9.65E-04	0.00E+00
2747	260148.3	4027761.33	0.006186224	1.13E-03	8.45E-04	0.00E+00
2748	260171.3	4027760.73	0.005306599	9.72E-04	7.25E-04	0.00E+00
2749	259941.8	4027791.69	0.008966314	1.64E-03	1.23E-03	0.00E+00
2750	259964.8	4027791.1	0.008752979	1.60E-03	1.20E-03	0.00E+00
2751	259987.8	4027790.5	0.008491488	1.55E-03	1.16E-03	0.00E+00
2752	260010.8	4027789.9	0.008180676	1.50E-03	1.12E-03	0.00E+00
2753	260033.9	4027789.31	0.007816822	1.43E-03	1.07E-03	0.00E+00
2754	260056.9	4027788.71	0.007392945	1.35E-03	1.01E-03	0.00E+00
2755	260079.9	4027788.11	0.006906488	1.26E-03	9.44E-04	0.00E+00
2756	260102.9	4027787.52	0.00635931	1.16E-03	8.69E-04	0.00E+00
2757	260125.9	4027786.92	0.005751646	1.05E-03	7.86E-04	0.00E+00
2758	260148.9	4027786.32	0.005127928	9.39E-04	7.01E-04	0.00E+00
2759	260171.9	4027785.73	0.004523288	8.28E-04	6.18E-04	0.00E+00
2760	259943.1	4027841.68	0.006474702	1.19E-03	8.85E-04	0.00E+00
2761	259966.1	4027841.08	0.006291612	1.15E-03	8.60E-04	0.00E+00
2762	259989.1	4027840.48	0.006079906	1.11E-03	8.31E-04	0.00E+00
2763	260012.1	4027839.89	0.005836328	1.07E-03	7.98E-04	0.00E+00
2764	260035.1	4027839.29	0.00556809	1.02E-03	7.61E-04	0.00E+00
2765	260058.2	4027838.69	0.005270306	9.65E-04	7.20E-04	0.00E+00
2766	260081.2	4027838.1	0.004943675	9.05E-04	6.76E-04	0.00E+00

2767	260104.2	4027837.5	0.004594244	8.41E-04	6.28E-04	0.00E+00
2768	260127.2	4027836.9	0.004231785	7.75E-04	5.78E-04	0.00E+00
2769	260150.2	4027836.31	0.003867699	7.08E-04	5.29E-04	0.00E+00
2770	260173.2	4027835.71	0.003504077	6.42E-04	4.79E-04	0.00E+00
2771	259944.4	4027891.66	0.004979967	9.12E-04	6.81E-04	0.00E+00
2772	259967.4	4027891.06	0.004825725	8.84E-04	6.60E-04	0.00E+00
2773	259990.4	4027890.47	0.004659384	8.53E-04	6.37E-04	0.00E+00
2774	260013.4	4027889.87	0.004481878	8.21E-04	6.13E-04	0.00E+00
2775	260036.4	4027889.27	0.004282734	7.84E-04	5.85E-04	0.00E+00
2776	260059.5	4027888.68	0.004070331	7.45E-04	5.56E-04	0.00E+00
2777	260082.5	4027888.08	0.003843736	7.04E-04	5.25E-04	0.00E+00
2778	260105.5	4027887.48	0.003609464	6.61E-04	4.93E-04	0.00E+00
2779	260128.5	4027886.89	0.003373796	6.18E-04	4.61E-04	0.00E+00
2780	260151.5	4027886.29	0.003143014	5.75E-04	4.30E-04	0.00E+00
2781	260174.5	4027885.69	0.002915489	5.34E-04	3.98E-04	0.00E+00
2782	259945.7	4027941.64	0.003998211	7.32E-04	5.46E-04	0.00E+00
2783	259968.7	4027941.05	0.003877237	7.10E-04	5.30E-04	0.00E+00
2784	259991.7	4027940.45	0.003746491	6.86E-04	5.12E-04	0.00E+00
2785	260014.7	4027939.85	0.003605277	6.60E-04	4.93E-04	0.00E+00
2786	260037.7	4027939.26	0.003453128	6.32E-04	4.72E-04	0.00E+00
2787	260060.8	4027938.66	0.003293999	6.03E-04	4.50E-04	0.00E+00
2788	260083.8	4027938.06	0.003131149	5.73E-04	4.28E-04	0.00E+00
2789	260106.8	4027937.47	0.002967368	5.43E-04	4.06E-04	0.00E+00
2790	260129.8	4027936.87	0.002804052	5.13E-04	3.83E-04	0.00E+00
2791	260152.8	4027936.27	0.002642365	4.84E-04	3.61E-04	0.00E+00
2792	260175.8	4027935.68	0.002482074	4.54E-04	3.39E-04	0.00E+00
2793	259947	4027991.63	0.003307493	6.06E-04	4.52E-04	0.00E+00
2794	259970	4027991.03	0.003210248	5.88E-04	4.39E-04	0.00E+00
2795	259993	4027990.43	0.003102767	5.68E-04	4.24E-04	0.00E+00
2796	260016	4027989.84	0.002988306	5.47E-04	4.08E-04	0.00E+00
2797	260039	4027989.24	0.002870123	5.25E-04	3.92E-04	0.00E+00
2798	260062	4027988.64	0.002750079	5.04E-04	3.76E-04	0.00E+00
2799	260085.1	4027988.05	0.002630268	4.82E-04	3.59E-04	0.00E+00
2800	260108.1	4027987.45	0.002510921	4.60E-04	3.43E-04	0.00E+00
2801	260131.1	4027986.85	0.002392041	4.38E-04	3.27E-04	0.00E+00
2802	260154.1	4027986.26	0.00227316	4.16E-04	3.11E-04	0.00E+00
2803	260177.1	4027985.66	0.002154046	3.94E-04	2.94E-04	0.00E+00
2804	259949.6	4028091.59	0.002413909	4.42E-04	3.30E-04	0.00E+00
2805	259972.6	4028091	0.002345279	4.29E-04	3.21E-04	0.00E+00
2806	259995.6	4028090.4	0.002272695	4.16E-04	3.11E-04	0.00E+00
2807	260018.6	4028089.8	0.002197318	4.02E-04	3.00E-04	0.00E+00
2808	260041.6	4028089.21	0.002126129	3.89E-04	2.91E-04	0.00E+00
2809	260064.6	4028088.61	0.002053777	3.76E-04	2.81E-04	0.00E+00
2810	260087.7	4028088.01	0.001982123	3.63E-04	2.71E-04	0.00E+00
2811	260110.7	4028087.42	0.001909073	3.50E-04	2.61E-04	0.00E+00
2812	260133.7	4028086.82	0.001834859	3.36E-04	2.51E-04	0.00E+00
2813	260156.7	4028086.22	0.00176274	3.23E-04	2.41E-04	0.00E+00

2814	260179.7	4028085.63	0.001692714	3.10E-04	2.31E-04	0.00E+00
2815	259952.2	4028191.56	0.00184021	3.37E-04	2.51E-04	0.00E+00
2816	259975.2	4028190.96	0.001813921	3.32E-04	2.48E-04	0.00E+00
2817	259998.2	4028190.37	0.001778327	3.26E-04	2.43E-04	0.00E+00
2818	260021.2	4028189.77	0.001729705	3.17E-04	2.36E-04	0.00E+00
2819	260044.2	4028189.17	0.001676894	3.07E-04	2.29E-04	0.00E+00
2820	260067.2	4028188.58	0.001628039	2.98E-04	2.22E-04	0.00E+00
2821	260090.2	4028187.98	0.001582906	2.90E-04	2.16E-04	0.00E+00
2822	260113.3	4028187.38	0.001534982	2.81E-04	2.10E-04	0.00E+00
2823	260136.3	4028186.79	0.001486825	2.72E-04	2.03E-04	0.00E+00
2824	260159.3	4028186.19	0.00143797	2.63E-04	1.97E-04	0.00E+00
2825	260182.3	4028185.59	0.0013826	2.53E-04	1.89E-04	0.00E+00
2826	259954.8	4028291.53	0.001487988	2.72E-04	2.03E-04	0.00E+00
2827	259977.8	4028290.93	0.001461234	2.68E-04	2.00E-04	0.00E+00
2828	260000.8	4028290.33	0.001438435	2.63E-04	1.97E-04	0.00E+00
2829	260023.8	4028289.74	0.001407028	2.58E-04	1.92E-04	0.00E+00
2830	260046.8	4028289.14	0.001370503	2.51E-04	1.87E-04	0.00E+00
2831	260069.8	4028288.54	0.001331186	2.44E-04	1.82E-04	0.00E+00
2832	260092.8	4028287.95	0.001293963	2.37E-04	1.77E-04	0.00E+00
2833	260115.8	4028287.35	0.00125674	2.30E-04	1.72E-04	0.00E+00
2834	260138.9	4028286.75	0.001221844	2.24E-04	1.67E-04	0.00E+00
2835	260161.9	4028286.16	0.001190669	2.18E-04	1.63E-04	0.00E+00
2836	260184.9	4028285.56	0.001159263	2.12E-04	1.58E-04	0.00E+00
2837	259957.4	4028391.49	0.001255577	2.30E-04	1.72E-04	0.00E+00
2838	259980.4	4028390.89	0.001227892	2.25E-04	1.68E-04	0.00E+00
2839	260003.4	4028390.3	0.001204163	2.20E-04	1.65E-04	0.00E+00
2840	260026.4	4028389.7	0.001178805	2.16E-04	1.61E-04	0.00E+00
2841	260049.4	4028389.1	0.001153214	2.11E-04	1.58E-04	0.00E+00
2842	260072.4	4028388.51	0.001128321	2.07E-04	1.54E-04	0.00E+00
2843	260095.4	4028387.91	0.001105755	2.02E-04	1.51E-04	0.00E+00
2844	260118.4	4028387.31	0.001085747	1.99E-04	1.48E-04	0.00E+00
2845	260141.4	4028386.72	0.001065973	1.95E-04	1.46E-04	0.00E+00
2846	260164.5	4028386.12	0.001042708	1.91E-04	1.43E-04	0.00E+00
2847	260187.5	4028385.52	0.001015722	1.86E-04	1.39E-04	0.00E+00
2848	259985.6	4028590.83	0.00097338	1.78E-04	1.33E-04	0.00E+00
2849	260008.6	4028590.23	0.000953606	1.75E-04	1.30E-04	0.00E+00
2850	260031.6	4028589.63	0.000933133	1.71E-04	1.28E-04	0.00E+00
2851	260054.6	4028589.04	0.000913591	1.67E-04	1.25E-04	0.00E+00
2852	260077.6	4028588.44	0.000894747	1.64E-04	1.22E-04	0.00E+00
2853	260100.6	4028587.84	0.00087567	1.60E-04	1.20E-04	0.00E+00
2854	260123.6	4028587.25	0.000857989	1.57E-04	1.17E-04	0.00E+00
2855	260146.6	4028586.65	0.000840541	1.54E-04	1.15E-04	0.00E+00
2856	260169.6	4028586.05	0.00082286	1.51E-04	1.12E-04	0.00E+00
2857	260192.7	4028585.46	0.000805179	1.47E-04	1.10E-04	0.00E+00
2858	259990.7	4028790.76	0.000799828	1.46E-04	1.09E-04	0.00E+00
2859	260013.8	4028790.16	0.000786335	1.44E-04	1.07E-04	0.00E+00
2860	260036.8	4028789.57	0.000771911	1.41E-04	1.05E-04	0.00E+00

2861	260059.8	4028788.97	0.000757953	1.39E-04	1.04E-04	0.00E+00
2862	260082.8	4028788.37	0.000743761	1.36E-04	1.02E-04	0.00E+00
2863	260105.8	4028787.78	0.00072957	1.34E-04	9.97E-05	0.00E+00
2864	260128.8	4028787.18	0.000715379	1.31E-04	9.78E-05	0.00E+00
2865	260151.8	4028786.58	0.000701188	1.28E-04	9.58E-05	0.00E+00
2866	260174.8	4028785.99	0.000687229	1.26E-04	9.39E-05	0.00E+00
2867	260197.8	4028785.39	0.000672107	1.23E-04	9.19E-05	0.00E+00
2868	259995.9	4028990.69	0.000682809	1.25E-04	9.33E-05	0.00E+00
2869	260018.9	4028990.1	0.00067234	1.23E-04	9.19E-05	0.00E+00
2870	260041.9	4028989.5	0.000660708	1.21E-04	9.03E-05	0.00E+00
2871	260065	4028988.9	0.000650006	1.19E-04	8.88E-05	0.00E+00
2872	260088	4028988.31	0.000638141	1.17E-04	8.72E-05	0.00E+00
2873	260111	4028987.71	0.000626509	1.15E-04	8.56E-05	0.00E+00
2874	260134	4028987.11	0.000615575	1.13E-04	8.41E-05	0.00E+00
2875	260157	4028986.52	0.000604175	1.11E-04	8.26E-05	0.00E+00
2876	260180	4028985.92	0.000593008	1.09E-04	8.10E-05	0.00E+00
2877	260203	4028985.32	0.000581376	1.06E-04	7.95E-05	0.00E+00
2878	260001.1	4029190.63	0.000599522	1.10E-04	8.19E-05	0.00E+00
2879	260024.1	4029190.03	0.000591612	1.08E-04	8.09E-05	0.00E+00
2880	260047.1	4029189.43	0.000583005	1.07E-04	7.97E-05	0.00E+00
2881	260070.1	4029188.84	0.000574397	1.05E-04	7.85E-05	0.00E+00
2882	260093.2	4029188.24	0.000565091	1.03E-04	7.72E-05	0.00E+00
2883	260116.2	4029187.64	0.000555087	1.02E-04	7.59E-05	0.00E+00
2884	260139.2	4029187.05	0.000544619	9.97E-05	7.44E-05	0.00E+00
2885	260162.2	4029186.45	0.000534382	9.78E-05	7.30E-05	0.00E+00
2886	260185.2	4029185.85	0.000524146	9.60E-05	7.16E-05	0.00E+00
2887	260208.2	4029185.26	0.000515538	9.44E-05	7.05E-05	0.00E+00
2888	260190.4	4027695.65	0.007649784	1.40E-03	1.05E-03	0.00E+00
2889	260195.5	4027670.19	0.009749857	1.79E-03	1.33E-03	0.00E+00
2890	260214.1	4027700.1	0.005564367	1.02E-03	7.60E-04	0.00E+00
2891	260192.8	4027726.5	0.00567022	1.04E-03	7.75E-04	0.00E+00
2892	260220.4	4027671.92	0.006489358	1.19E-03	8.87E-04	0.00E+00
2893	260238.4	4027703.19	0.0044179	8.09E-04	6.04E-04	0.00E+00
2894	260226.9	4027727.68	0.004249932	7.78E-04	5.81E-04	0.00E+00
2895	260208.7	4027745.13	0.004437442	8.12E-04	6.06E-04	0.00E+00
2896	260245.3	4027673.65	0.004926227	9.02E-04	6.73E-04	0.00E+00
2897	260263	4027705.74	0.003680188	6.74E-04	5.03E-04	0.00E+00
2898	260250.7	4027731.86	0.003569915	6.54E-04	4.88E-04	0.00E+00
2899	260225.2	4027763.53	0.003668323	6.72E-04	5.01E-04	0.00E+00
2900	260198.5	4027774.63	0.004088942	7.49E-04	5.59E-04	0.00E+00
2901	260270.3	4027675.38	0.004032875	7.38E-04	5.51E-04	0.00E+00
2902	260312.4	4027710.13	0.002760315	5.05E-04	3.77E-04	0.00E+00
2903	260299.3	4027738.12	0.002703318	4.95E-04	3.69E-04	0.00E+00
2904	260286.2	4027766.11	0.002661907	4.87E-04	3.64E-04	0.00E+00
2905	260258.8	4027800.04	0.002707971	4.96E-04	3.70E-04	0.00E+00
2906	260230.3	4027811.93	0.002949222	5.40E-04	4.03E-04	0.00E+00
2907	260201.7	4027823.82	0.003221182	5.90E-04	4.40E-04	0.00E+00

2908	260320.2	4027678.84	0.002943173	5.39E-04	4.02E-04	0.00E+00
2909	260362	4027714.11	0.002200575	4.03E-04	3.01E-04	0.00E+00
2910	260348.4	4027743.14	0.002161026	3.96E-04	2.95E-04	0.00E+00
2911	260334.8	4027772.16	0.002138227	3.91E-04	2.92E-04	0.00E+00
2912	260321.2	4027801.19	0.00212799	3.90E-04	2.91E-04	0.00E+00
2913	260292.9	4027836.38	0.002167307	3.97E-04	2.96E-04	0.00E+00
2914	260263.3	4027848.71	0.00233039	4.27E-04	3.18E-04	0.00E+00
2915	260233.7	4027861.03	0.002509526	4.59E-04	3.43E-04	0.00E+00
2916	260204.1	4027873.36	0.002714019	4.97E-04	3.71E-04	0.00E+00
2917	260370	4027682.3	0.002308522	4.23E-04	3.15E-04	0.00E+00
2918	260411.8	4027717.9	0.001820901	3.33E-04	2.49E-04	0.00E+00
2919	260397.9	4027747.59	0.001801824	3.30E-04	2.46E-04	0.00E+00
2920	260384	4027777.27	0.001790192	3.28E-04	2.45E-04	0.00E+00
2921	260370	4027806.96	0.001780886	3.26E-04	2.43E-04	0.00E+00
2922	260356.1	4027836.64	0.001773441	3.25E-04	2.42E-04	0.00E+00
2923	260327.1	4027872.63	0.001806012	3.31E-04	2.47E-04	0.00E+00
2924	260296.8	4027885.24	0.001924195	3.52E-04	2.63E-04	0.00E+00
2925	260266.6	4027897.85	0.002053079	3.76E-04	2.81E-04	0.00E+00
2926	260236.3	4027910.46	0.002203832	4.04E-04	3.01E-04	0.00E+00
2927	260206.1	4027923.07	0.002349234	4.30E-04	3.21E-04	0.00E+00
2928	260419.9	4027685.76	0.00189209	3.46E-04	2.59E-04	0.00E+00
2929	260461.5	4027721.59	0.001537541	2.82E-04	2.10E-04	0.00E+00
2930	260447.4	4027751.73	0.001526141	2.79E-04	2.09E-04	0.00E+00
2931	260433.3	4027781.87	0.001528468	2.80E-04	2.09E-04	0.00E+00
2932	260419.2	4027812.01	0.001527537	2.80E-04	2.09E-04	0.00E+00
2933	260405.1	4027842.16	0.001526374	2.79E-04	2.09E-04	0.00E+00
2934	260390.9	4027872.3	0.001515673	2.78E-04	2.07E-04	0.00E+00
2935	260361.4	4027908.84	0.001551034	2.84E-04	2.12E-04	0.00E+00
2936	260330.7	4027921.64	0.001640369	3.00E-04	2.24E-04	0.00E+00
2937	260300	4027934.45	0.001744594	3.19E-04	2.38E-04	0.00E+00
2938	260269.3	4027947.25	0.001845096	3.38E-04	2.52E-04	0.00E+00
2939	260238.6	4027960.05	0.001948855	3.57E-04	2.66E-04	0.00E+00
2940	260207.8	4027972.86	0.002055638	3.76E-04	2.81E-04	0.00E+00
2941	260469.8	4027689.22	0.00159291	2.92E-04	2.18E-04	0.00E+00
2942	260561.2	4027728.81	0.001167173	2.14E-04	1.60E-04	0.00E+00
2943	260546.8	4027759.54	0.001168568	2.14E-04	1.60E-04	0.00E+00
2944	260532.4	4027790.27	0.001164846	2.13E-04	1.59E-04	0.00E+00
2945	260518	4027821	0.001166475	2.14E-04	1.59E-04	0.00E+00
2946	260503.6	4027851.73	0.001176944	2.15E-04	1.61E-04	0.00E+00
2947	260489.2	4027882.47	0.001185086	2.17E-04	1.62E-04	0.00E+00
2948	260474.8	4027913.2	0.001185784	2.17E-04	1.62E-04	0.00E+00
2949	260460.4	4027943.93	0.001183923	2.17E-04	1.62E-04	0.00E+00
2950	260430.3	4027981.19	0.001209048	2.21E-04	1.65E-04	0.00E+00
2951	260399	4027994.25	0.001266046	2.32E-04	1.73E-04	0.00E+00
2952	260367.7	4028007.3	0.001321415	2.42E-04	1.81E-04	0.00E+00
2953	260336.3	4028020.35	0.001380739	2.53E-04	1.89E-04	0.00E+00
2954	260305	4028033.41	0.001440063	2.64E-04	1.97E-04	0.00E+00

2955	260273.7	4028046.46	0.001503808	2.75E-04	2.06E-04	0.00E+00
2956	260242.3	4028059.52	0.001569181	2.87E-04	2.14E-04	0.00E+00
2957	260211	4028072.57	0.00163339	2.99E-04	2.23E-04	0.00E+00
2958	260569.6	4027696.14	0.001189739	2.18E-04	1.63E-04	0.00E+00
2959	260660.8	4027735.91	0.000926387	1.70E-04	1.27E-04	0.00E+00
2960	260646.3	4027767.01	0.000927084	1.70E-04	1.27E-04	0.00E+00
2961	260631.7	4027798.1	0.000931272	1.71E-04	1.27E-04	0.00E+00
2962	260617.1	4027829.2	0.00093197	1.71E-04	1.27E-04	0.00E+00
2963	260602.6	4027860.3	0.000938717	1.72E-04	1.28E-04	0.00E+00
2964	260588	4027891.4	0.000949651	1.74E-04	1.30E-04	0.00E+00
2965	260573.4	4027922.5	0.000964307	1.77E-04	1.32E-04	0.00E+00
2966	260558.8	4027953.6	0.000971752	1.78E-04	1.33E-04	0.00E+00
2967	260544.3	4027984.69	0.000974078	1.78E-04	1.33E-04	0.00E+00
2968	260529.7	4028015.79	0.000972683	1.78E-04	1.33E-04	0.00E+00
2969	260499.3	4028053.49	0.000990829	1.81E-04	1.35E-04	0.00E+00
2970	260467.6	4028066.7	0.001026656	1.88E-04	1.40E-04	0.00E+00
2971	260435.9	4028079.91	0.00106225	1.94E-04	1.45E-04	0.00E+00
2972	260404.2	4028093.12	0.001095984	2.01E-04	1.50E-04	0.00E+00
2973	260372.5	4028106.33	0.001133207	2.07E-04	1.55E-04	0.00E+00
2974	260340.8	4028119.54	0.001172058	2.15E-04	1.60E-04	0.00E+00
2975	260309.1	4028132.75	0.001213934	2.22E-04	1.66E-04	0.00E+00
2976	260277.4	4028145.96	0.001258369	2.30E-04	1.72E-04	0.00E+00
2977	260245.7	4028159.17	0.001300477	2.38E-04	1.78E-04	0.00E+00
2978	260214	4028172.38	0.001335606	2.45E-04	1.83E-04	0.00E+00
2979	260669.3	4027703.06	0.00094081	1.72E-04	1.29E-04	0.00E+00
2980	260760.5	4027742.95	0.000759814	1.39E-04	1.04E-04	0.00E+00
2981	260745.9	4027774.3	0.000760046	1.39E-04	1.04E-04	0.00E+00
2982	260731.2	4027805.65	0.000763303	1.40E-04	1.04E-04	0.00E+00
2983	260716.5	4027836.99	0.000769817	1.41E-04	1.05E-04	0.00E+00
2984	260701.8	4027868.34	0.000775401	1.42E-04	1.06E-04	0.00E+00
2985	260687.1	4027899.69	0.000783543	1.43E-04	1.07E-04	0.00E+00
2986	260672.4	4027931.03	0.000794478	1.45E-04	1.09E-04	0.00E+00
2987	260657.7	4027962.38	0.000806342	1.48E-04	1.10E-04	0.00E+00
2988	260643	4027993.73	0.000817742	1.50E-04	1.12E-04	0.00E+00
2989	260628.4	4028025.07	0.000826117	1.51E-04	1.13E-04	0.00E+00
2990	260613.7	4028056.42	0.000829607	1.52E-04	1.13E-04	0.00E+00
2991	260599	4028087.77	0.000829839	1.52E-04	1.13E-04	0.00E+00
2992	260568.3	4028125.77	0.000838913	1.54E-04	1.15E-04	0.00E+00
2993	260536.4	4028139.09	0.000860781	1.58E-04	1.18E-04	0.00E+00
2994	260504.4	4028152.4	0.000882882	1.62E-04	1.21E-04	0.00E+00
2995	260472.5	4028165.72	0.000907077	1.66E-04	1.24E-04	0.00E+00
2996	260440.5	4028179.03	0.000932203	1.71E-04	1.27E-04	0.00E+00
2997	260408.6	4028192.35	0.000956398	1.75E-04	1.31E-04	0.00E+00
2998	260376.6	4028205.67	0.000981058	1.80E-04	1.34E-04	0.00E+00
2999	260344.6	4028218.98	0.00100851	1.85E-04	1.38E-04	0.00E+00
3000	260312.7	4028232.3	0.001037823	1.90E-04	1.42E-04	0.00E+00
3001	260280.7	4028245.61	0.001071556	1.96E-04	1.46E-04	0.00E+00

3002	260248.8	4028258.93	0.001097379	2.01E-04	1.50E-04	0.00E+00
3003	260216.8	4028272.24	0.001131345	2.07E-04	1.55E-04	0.00E+00
3004	260769.1	4027709.98	0.000769119	1.41E-04	1.05E-04	0.00E+00
3005	260860.5	4027749.44	0.000639537	1.17E-04	8.74E-05	0.00E+00
3006	260846.2	4027779.91	0.000643259	1.18E-04	8.79E-05	0.00E+00
3007	260831.9	4027810.39	0.000646749	1.18E-04	8.84E-05	0.00E+00
3008	260817.7	4027840.87	0.000650239	1.19E-04	8.89E-05	0.00E+00
3009	260803.4	4027871.34	0.000653961	1.20E-04	8.94E-05	0.00E+00
3010	260789.1	4027901.82	0.000658614	1.21E-04	9.00E-05	0.00E+00
3011	260774.8	4027932.29	0.000665826	1.22E-04	9.10E-05	0.00E+00
3012	260760.6	4027962.77	0.000675132	1.24E-04	9.23E-05	0.00E+00
3013	260746.3	4027993.25	0.000686531	1.26E-04	9.38E-05	0.00E+00
3014	260732	4028023.72	0.000698163	1.28E-04	9.54E-05	0.00E+00
3015	260717.7	4028054.2	0.000708632	1.30E-04	9.68E-05	0.00E+00
3016	260703.4	4028084.67	0.000716542	1.31E-04	9.79E-05	0.00E+00
3017	260689.2	4028115.15	0.000721195	1.32E-04	9.86E-05	0.00E+00
3018	260674.9	4028145.63	0.000722823	1.32E-04	9.88E-05	0.00E+00
3019	260660.6	4028176.1	0.000719334	1.32E-04	9.83E-05	0.00E+00
3020	260637.9	4028197.81	0.000724452	1.33E-04	9.90E-05	0.00E+00
3021	260606.9	4028210.76	0.000739574	1.35E-04	1.01E-04	0.00E+00
3022	260575.8	4028223.71	0.000755859	1.38E-04	1.03E-04	0.00E+00
3023	260544.7	4028236.65	0.000771679	1.41E-04	1.05E-04	0.00E+00
3024	260513.7	4028249.6	0.000787964	1.44E-04	1.08E-04	0.00E+00
3025	260482.6	4028262.54	0.000803783	1.47E-04	1.10E-04	0.00E+00
3026	260451.5	4028275.49	0.000820068	1.50E-04	1.12E-04	0.00E+00
3027	260420.5	4028288.43	0.000837284	1.53E-04	1.14E-04	0.00E+00
3028	260389.4	4028301.38	0.000858222	1.57E-04	1.17E-04	0.00E+00
3029	260358.3	4028314.32	0.000883115	1.62E-04	1.21E-04	0.00E+00
3030	260327.3	4028327.27	0.000907077	1.66E-04	1.24E-04	0.00E+00
3031	260296.2	4028340.22	0.000929411	1.70E-04	1.27E-04	0.00E+00
3032	260265.1	4028353.16	0.000953606	1.75E-04	1.30E-04	0.00E+00
3033	260234.1	4028366.11	0.000978731	1.79E-04	1.34E-04	0.00E+00
3034	260868.8	4027716.9	0.000643725	1.18E-04	8.80E-05	0.00E+00
3035	261059.9	4027763.51	0.00047785	8.75E-05	6.53E-05	0.00E+00
3036	261045.4	4027794.44	0.000478548	8.76E-05	6.54E-05	0.00E+00
3037	261030.9	4027825.37	0.000482735	8.84E-05	6.60E-05	0.00E+00
3038	261016.4	4027856.31	0.00048669	8.91E-05	6.65E-05	0.00E+00
3039	261001.9	4027887.24	0.000490413	8.98E-05	6.70E-05	0.00E+00
3040	260987.5	4027918.18	0.0004946	9.06E-05	6.76E-05	0.00E+00
3041	260973	4027949.11	0.000499718	9.15E-05	6.83E-05	0.00E+00
3042	260958.5	4027980.05	0.000505069	9.25E-05	6.90E-05	0.00E+00
3043	260944	4028010.98	0.000511351	9.36E-05	6.99E-05	0.00E+00
3044	260929.5	4028041.92	0.000519028	9.50E-05	7.09E-05	0.00E+00
3045	260915	4028072.85	0.000526705	9.64E-05	7.20E-05	0.00E+00
3046	260900.5	4028103.78	0.000535545	9.81E-05	7.32E-05	0.00E+00
3047	260886	4028134.72	0.000545084	9.98E-05	7.45E-05	0.00E+00
3048	260871.5	4028165.65	0.000553924	1.01E-04	7.57E-05	0.00E+00

3049	260857	4028196.59	0.000562067	1.03E-04	7.68E-05	0.00E+00
3050	260842.5	4028227.52	0.000566487	1.04E-04	7.74E-05	0.00E+00
3051	260828	4028258.46	0.00056765	1.04E-04	7.76E-05	0.00E+00
3052	260813.5	4028289.39	0.000567185	1.04E-04	7.75E-05	0.00E+00
3053	260799	4028320.33	0.000567185	1.04E-04	7.75E-05	0.00E+00
3054	260776	4028342.36	0.000570442	1.04E-04	7.80E-05	0.00E+00
3055	260744.5	4028355.5	0.00057998	1.06E-04	7.93E-05	0.00E+00
3056	260713	4028368.64	0.00058789	1.08E-04	8.03E-05	0.00E+00
3057	260681.4	4028381.78	0.000595567	1.09E-04	8.14E-05	0.00E+00
3058	260649.9	4028394.92	0.000604175	1.11E-04	8.26E-05	0.00E+00
3059	260618.4	4028408.06	0.000613016	1.12E-04	8.38E-05	0.00E+00
3060	260586.8	4028421.2	0.000622321	1.14E-04	8.51E-05	0.00E+00
3061	260555.3	4028434.34	0.000631627	1.16E-04	8.63E-05	0.00E+00
3062	260523.8	4028447.49	0.000641166	1.17E-04	8.76E-05	0.00E+00
3063	260492.2	4028460.63	0.000652565	1.19E-04	8.92E-05	0.00E+00
3064	260460.7	4028473.77	0.000664895	1.22E-04	9.09E-05	0.00E+00
3065	260429.2	4028486.91	0.000677458	1.24E-04	9.26E-05	0.00E+00
3066	260397.6	4028500.05	0.000687927	1.26E-04	9.40E-05	0.00E+00
3067	260366.1	4028513.19	0.0007084	1.30E-04	9.68E-05	0.00E+00
3068	260334.6	4028526.33	0.000727244	1.33E-04	9.94E-05	0.00E+00
3069	260303	4028539.47	0.000744692	1.36E-04	1.02E-04	0.00E+00
3070	260271.5	4028552.61	0.000763536	1.40E-04	1.04E-04	0.00E+00
3071	260240	4028565.75	0.000781217	1.43E-04	1.07E-04	0.00E+00
3072	261068.4	4027730.74	0.000482503	8.83E-05	6.59E-05	0.00E+00
3073	261259.4	4027777.49	0.000385258	7.05E-05	5.27E-05	0.00E+00
3074	261244.7	4027808.73	0.00038456	7.04E-05	5.26E-05	0.00E+00
3075	261230.1	4027839.96	0.000384095	7.03E-05	5.25E-05	0.00E+00
3076	261215.5	4027871.19	0.00038456	7.04E-05	5.26E-05	0.00E+00
3077	261200.8	4027902.43	0.000385258	7.05E-05	5.27E-05	0.00E+00
3078	261186.2	4027933.66	0.000387352	7.09E-05	5.29E-05	0.00E+00
3079	261171.6	4027964.89	0.000391306	7.16E-05	5.35E-05	0.00E+00
3080	261156.9	4027996.13	0.000396425	7.26E-05	5.42E-05	0.00E+00
3081	261142.3	4028027.36	0.00040131	7.35E-05	5.48E-05	0.00E+00
3082	261127.7	4028058.59	0.000406428	7.44E-05	5.55E-05	0.00E+00
3083	261113	4028089.83	0.000413175	7.56E-05	5.65E-05	0.00E+00
3084	261098.4	4028121.06	0.000420852	7.71E-05	5.75E-05	0.00E+00
3085	261083.8	4028152.29	0.000428529	7.85E-05	5.86E-05	0.00E+00
3086	261069.1	4028183.53	0.000436439	7.99E-05	5.96E-05	0.00E+00
3087	261054.5	4028214.76	0.000444582	8.14E-05	6.08E-05	0.00E+00
3088	261039.9	4028245.99	0.000451794	8.27E-05	6.17E-05	0.00E+00
3089	261025.2	4028277.23	0.000458308	8.39E-05	6.26E-05	0.00E+00
3090	261010.6	4028308.46	0.000462728	8.47E-05	6.32E-05	0.00E+00
3091	260996	4028339.69	0.000465752	8.53E-05	6.37E-05	0.00E+00
3092	260981.3	4028370.93	0.000467846	8.57E-05	6.39E-05	0.00E+00
3093	260966.7	4028402.16	0.000467614	8.56E-05	6.39E-05	0.00E+00
3094	260952.1	4028433.39	0.000466683	8.54E-05	6.38E-05	0.00E+00
3095	260937.4	4028464.63	0.000465054	8.51E-05	6.36E-05	0.00E+00

3096	260914.2	4028486.88	0.000466916	8.55E-05	6.38E-05	0.00E+00
3097	260882.4	4028500.15	0.00047343	8.67E-05	6.47E-05	0.00E+00
3098	260850.5	4028513.41	0.000479246	8.77E-05	6.55E-05	0.00E+00
3099	260818.7	4028526.68	0.000484364	8.87E-05	6.62E-05	0.00E+00
3100	260786.8	4028539.95	0.00049111	8.99E-05	6.71E-05	0.00E+00
3101	260755	4028553.21	0.000498322	9.12E-05	6.81E-05	0.00E+00
3102	260723.2	4028566.48	0.000504836	9.24E-05	6.90E-05	0.00E+00
3103	260691.3	4028579.75	0.000510885	9.35E-05	6.98E-05	0.00E+00
3104	260659.5	4028593.02	0.000515538	9.44E-05	7.05E-05	0.00E+00
3105	260627.6	4028606.28	0.000521354	9.55E-05	7.13E-05	0.00E+00
3106	260595.8	4028619.55	0.000527403	9.66E-05	7.21E-05	0.00E+00
3107	260564	4028632.82	0.000533219	9.76E-05	7.29E-05	0.00E+00
3108	260532.1	4028646.08	0.000538802	9.87E-05	7.36E-05	0.00E+00
3109	260500.3	4028659.35	0.000547876	1.00E-04	7.49E-05	0.00E+00
3110	260468.5	4028672.62	0.000559973	1.03E-04	7.65E-05	0.00E+00
3111	260436.6	4028685.89	0.000574397	1.05E-04	7.85E-05	0.00E+00
3112	260404.8	4028699.15	0.000588588	1.08E-04	8.04E-05	0.00E+00
3113	260372.9	4028712.42	0.000603245	1.10E-04	8.24E-05	0.00E+00
3114	260341.1	4028725.69	0.000616971	1.13E-04	8.43E-05	0.00E+00
3115	260309.3	4028738.96	0.000628138	1.15E-04	8.58E-05	0.00E+00
3116	260277.4	4028752.22	0.000638374	1.17E-04	8.72E-05	0.00E+00
3117	260245.6	4028765.49	0.000650471	1.19E-04	8.89E-05	0.00E+00
3118	261267.9	4027744.58	0.000390609	7.15E-05	5.34E-05	0.00E+00
3119	261459	4027791.15	0.000327795	6.00E-05	4.48E-05	0.00E+00
3120	261444.5	4027822.03	0.000324072	5.93E-05	4.43E-05	0.00E+00
3121	261430	4027852.9	0.000321048	5.88E-05	4.39E-05	0.00E+00
3122	261415.6	4027883.77	0.000320118	5.86E-05	4.37E-05	0.00E+00
3123	261401.1	4027914.64	0.000320118	5.86E-05	4.37E-05	0.00E+00
3124	261386.7	4027945.51	0.000320583	5.87E-05	4.38E-05	0.00E+00
3125	261372.2	4027976.39	0.000321048	5.88E-05	4.39E-05	0.00E+00
3126	261357.7	4028007.26	0.000321979	5.90E-05	4.40E-05	0.00E+00
3127	261343.3	4028038.13	0.000324305	5.94E-05	4.43E-05	0.00E+00
3128	261328.8	4028069	0.000327795	6.00E-05	4.48E-05	0.00E+00
3129	261314.3	4028099.87	0.000332215	6.08E-05	4.54E-05	0.00E+00
3130	261299.9	4028130.74	0.000337566	6.18E-05	4.61E-05	0.00E+00
3131	261285.4	4028161.62	0.000343847	6.30E-05	4.70E-05	0.00E+00
3132	261270.9	4028192.49	0.000350129	6.41E-05	4.79E-05	0.00E+00
3133	261256.5	4028223.36	0.00035734	6.54E-05	4.88E-05	0.00E+00
3134	261242	4028254.23	0.000364785	6.68E-05	4.99E-05	0.00E+00
3135	261227.5	4028285.1	0.000371532	6.80E-05	5.08E-05	0.00E+00
3136	261213.1	4028315.98	0.000378046	6.92E-05	5.17E-05	0.00E+00
3137	261198.6	4028346.85	0.000384327	7.04E-05	5.25E-05	0.00E+00
3138	261184.2	4028377.72	0.000389445	7.13E-05	5.32E-05	0.00E+00
3139	261169.7	4028408.59	0.00039247	7.19E-05	5.36E-05	0.00E+00
3140	261155.2	4028439.46	0.000394796	7.23E-05	5.40E-05	0.00E+00
3141	261140.8	4028470.34	0.000395959	7.25E-05	5.41E-05	0.00E+00
3142	261126.3	4028501.21	0.000395727	7.25E-05	5.41E-05	0.00E+00

3143	261111.8	4028532.08	0.000395029	7.23E-05	5.40E-05	0.00E+00
3144	261097.4	4028562.95	0.0003934	7.20E-05	5.38E-05	0.00E+00
3145	261082.9	4028593.82	0.000391074	7.16E-05	5.34E-05	0.00E+00
3146	261052.7	4028631.25	0.000392004	7.18E-05	5.36E-05	0.00E+00
3147	261021.2	4028644.37	0.000397123	7.27E-05	5.43E-05	0.00E+00
3148	260989.8	4028657.48	0.000402241	7.36E-05	5.50E-05	0.00E+00
3149	260958.3	4028670.59	0.000407359	7.46E-05	5.57E-05	0.00E+00
3150	260926.8	4028683.71	0.000412244	7.55E-05	5.63E-05	0.00E+00
3151	260895.4	4028696.82	0.000417363	7.64E-05	5.70E-05	0.00E+00
3152	260863.9	4028709.94	0.000422713	7.74E-05	5.78E-05	0.00E+00
3153	260832.4	4028723.05	0.000427831	7.83E-05	5.85E-05	0.00E+00
3154	260800.9	4028736.16	0.00043295	7.93E-05	5.92E-05	0.00E+00
3155	260769.5	4028749.28	0.000437603	8.01E-05	5.98E-05	0.00E+00
3156	260738	4028762.39	0.000441325	8.08E-05	6.03E-05	0.00E+00
3157	260706.5	4028775.5	0.000442953	8.11E-05	6.05E-05	0.00E+00
3158	260675.1	4028788.62	0.000445512	8.16E-05	6.09E-05	0.00E+00
3159	260643.6	4028801.73	0.000449467	8.23E-05	6.14E-05	0.00E+00
3160	260612.1	4028814.85	0.000454818	8.33E-05	6.22E-05	0.00E+00
3161	260580.7	4028827.96	0.000461332	8.45E-05	6.30E-05	0.00E+00
3162	260549.2	4028841.07	0.000469242	8.59E-05	6.41E-05	0.00E+00
3163	260517.7	4028854.19	0.000477385	8.74E-05	6.52E-05	0.00E+00
3164	260486.2	4028867.3	0.000488551	8.94E-05	6.68E-05	0.00E+00
3165	260454.8	4028880.41	0.00049902	9.14E-05	6.82E-05	0.00E+00
3166	260423.3	4028893.53	0.000509024	9.32E-05	6.96E-05	0.00E+00
3167	260391.8	4028906.64	0.000518795	9.50E-05	7.09E-05	0.00E+00
3168	260360.4	4028919.75	0.000528333	9.67E-05	7.22E-05	0.00E+00
3169	260328.9	4028932.87	0.00053857	9.86E-05	7.36E-05	0.00E+00
3170	260297.4	4028945.98	0.000549039	1.01E-04	7.50E-05	0.00E+00
3171	260266	4028959.1	0.00055974	1.02E-04	7.65E-05	0.00E+00
3172	260234.5	4028972.21	0.000570675	1.04E-04	7.80E-05	0.00E+00
3173	261467.4	4027758.42	0.000333146	6.10E-05	4.55E-05	0.00E+00
3174	261658.4	4027805.11	0.000289176	5.29E-05	3.95E-05	0.00E+00
3175	261643.9	4027836.2	0.000286152	5.24E-05	3.91E-05	0.00E+00
3176	261629.3	4027867.3	0.000283592	5.19E-05	3.88E-05	0.00E+00
3177	261614.7	4027898.4	0.000281033	5.15E-05	3.84E-05	0.00E+00
3178	261600.2	4027929.5	0.000278474	5.10E-05	3.81E-05	0.00E+00
3179	261585.6	4027960.6	0.000276148	5.06E-05	3.77E-05	0.00E+00
3180	261571	4027991.69	0.000273589	5.01E-05	3.74E-05	0.00E+00
3181	261556.5	4028022.79	0.000272426	4.99E-05	3.72E-05	0.00E+00
3182	261541.9	4028053.89	0.000272658	4.99E-05	3.73E-05	0.00E+00
3183	261527.3	4028084.99	0.000273821	5.01E-05	3.74E-05	0.00E+00
3184	261512.7	4028116.09	0.000276148	5.06E-05	3.77E-05	0.00E+00
3185	261498.2	4028147.19	0.000279172	5.11E-05	3.82E-05	0.00E+00
3186	261483.6	4028178.28	0.000283127	5.18E-05	3.87E-05	0.00E+00
3187	261469	4028209.38	0.000288245	5.28E-05	3.94E-05	0.00E+00
3188	261454.5	4028240.48	0.000293829	5.38E-05	4.02E-05	0.00E+00
3189	261439.9	4028271.58	0.00030011	5.49E-05	4.10E-05	0.00E+00

3190	261425.3	4028302.68	0.000306857	5.62E-05	4.19E-05	0.00E+00
3191	261410.7	4028333.77	0.000313604	5.74E-05	4.29E-05	0.00E+00
3192	261396.2	4028364.87	0.000320118	5.86E-05	4.37E-05	0.00E+00
3193	261381.6	4028395.97	0.000326632	5.98E-05	4.46E-05	0.00E+00
3194	261367	4028427.07	0.000332215	6.08E-05	4.54E-05	0.00E+00
3195	261352.5	4028458.17	0.000336868	6.17E-05	4.60E-05	0.00E+00
3196	261337.9	4028489.27	0.000339892	6.22E-05	4.65E-05	0.00E+00
3197	261323.3	4028520.36	0.000342219	6.27E-05	4.68E-05	0.00E+00
3198	261308.8	4028551.46	0.000343847	6.30E-05	4.70E-05	0.00E+00
3199	261294.2	4028582.56	0.000343382	6.29E-05	4.69E-05	0.00E+00
3200	261279.6	4028613.66	0.000341986	6.26E-05	4.67E-05	0.00E+00
3201	261265	4028644.76	0.000340358	6.23E-05	4.65E-05	0.00E+00
3202	261250.5	4028675.85	0.000338729	6.20E-05	4.63E-05	0.00E+00
3203	261235.9	4028706.95	0.000336635	6.16E-05	4.60E-05	0.00E+00
3204	261221.3	4028738.05	0.000335007	6.13E-05	4.58E-05	0.00E+00
3205	261190.9	4028775.75	0.000335937	6.15E-05	4.59E-05	0.00E+00
3206	261159.2	4028788.96	0.000340358	6.23E-05	4.65E-05	0.00E+00
3207	261127.5	4028802.17	0.00034501	6.32E-05	4.72E-05	0.00E+00
3208	261095.8	4028815.38	0.000349896	6.41E-05	4.78E-05	0.00E+00
3209	261064.1	4028828.59	0.000354316	6.49E-05	4.84E-05	0.00E+00
3210	261032.4	4028841.8	0.000359202	6.58E-05	4.91E-05	0.00E+00
3211	261000.7	4028855.01	0.000363622	6.66E-05	4.97E-05	0.00E+00
3212	260969	4028868.22	0.000368507	6.75E-05	5.04E-05	0.00E+00
3213	260937.3	4028881.43	0.000370601	6.79E-05	5.06E-05	0.00E+00
3214	260905.6	4028894.64	0.000374789	6.86E-05	5.12E-05	0.00E+00
3215	260873.9	4028907.85	0.000378744	6.93E-05	5.18E-05	0.00E+00
3216	260842.2	4028921.06	0.000382001	6.99E-05	5.22E-05	0.00E+00
3217	260810.5	4028934.27	0.000382931	7.01E-05	5.23E-05	0.00E+00
3218	260778.8	4028947.48	0.000383629	7.02E-05	5.24E-05	0.00E+00
3219	260747.1	4028960.69	0.000385723	7.06E-05	5.27E-05	0.00E+00
3220	260715.4	4028973.9	0.000387817	7.10E-05	5.30E-05	0.00E+00
3221	260683.7	4028987.11	0.000390841	7.16E-05	5.34E-05	0.00E+00
3222	260652	4029000.32	0.000396192	7.25E-05	5.41E-05	0.00E+00
3223	260620.3	4029013.53	0.000402939	7.38E-05	5.51E-05	0.00E+00
3224	260588.6	4029026.74	0.000409685	7.50E-05	5.60E-05	0.00E+00
3225	260556.9	4029039.95	0.000418293	7.66E-05	5.72E-05	0.00E+00
3226	260525.2	4029053.16	0.000426203	7.80E-05	5.82E-05	0.00E+00
3227	260493.5	4029066.37	0.000435043	7.97E-05	5.95E-05	0.00E+00
3228	260461.8	4029079.58	0.000442721	8.11E-05	6.05E-05	0.00E+00
3229	260430.1	4029092.79	0.000450398	8.25E-05	6.16E-05	0.00E+00
3230	260398.4	4029106	0.000458308	8.39E-05	6.26E-05	0.00E+00
3231	260366.7	4029119.21	0.000466916	8.55E-05	6.38E-05	0.00E+00
3232	260335	4029132.42	0.000475989	8.71E-05	6.51E-05	0.00E+00
3233	260303.3	4029145.63	0.00048669	8.91E-05	6.65E-05	0.00E+00
3234	260271.6	4029158.84	0.000497392	9.11E-05	6.80E-05	0.00E+00
3235	260239.9	4029172.05	0.000507628	9.29E-05	6.94E-05	0.00E+00
3236	261666.9	4027772.26	0.000294061	5.38E-05	4.02E-05	0.00E+00

3237	260195.1	4027643.19	0.01476867	2.70E-03	2.02E-03	0.00E+00
3238	260194.7	4027618.34	0.01888623	3.46E-03	2.58E-03	0.00E+00
3239	260194.3	4027593.49	0.02199086	4.03E-03	3.01E-03	0.00E+00
3240	260193.8	4027568.64	0.02509432	4.59E-03	3.43E-03	0.00E+00
3241	260193.4	4027543.79	0.02743309	5.02E-03	3.75E-03	0.00E+00
3242	260193	4027518.94	0.02899715	5.31E-03	3.96E-03	0.00E+00
3243	260192.6	4027494.09	0.03017922	5.53E-03	4.12E-03	0.00E+00
3244	260192.2	4027469.24	0.03116492	5.71E-03	4.26E-03	0.00E+00
3245	260191.8	4027444.39	0.03223834	5.90E-03	4.41E-03	0.00E+00
3246	260191.3	4027419.55	0.03283717	6.01E-03	4.49E-03	0.00E+00
3247	260190.9	4027394.7	0.03346065	6.13E-03	4.57E-03	0.00E+00
3248	260190.5	4027369.85	0.03449545	6.32E-03	4.71E-03	0.00E+00
3249	260190.1	4027345	0.03469622	6.35E-03	4.74E-03	0.00E+00
3250	260189.7	4027320.15	0.03457851	6.33E-03	4.73E-03	0.00E+00
3251	260189.2	4027295.3	0.0348393	6.38E-03	4.76E-03	0.00E+00
3252	260188.8	4027270.45	0.03480301	6.37E-03	4.76E-03	0.00E+00
3253	260188.4	4027245.6	0.03489374	6.39E-03	4.77E-03	0.00E+00
3254	260188	4027220.75	0.03513103	6.43E-03	4.80E-03	0.00E+00
3255	260187.6	4027195.9	0.03531621	6.47E-03	4.83E-03	0.00E+00
3256	260187.2	4027171.05	0.03545673	6.49E-03	4.85E-03	0.00E+00
3257	260186.7	4027146.2	0.03598646	6.59E-03	4.92E-03	0.00E+00
3258	260186.3	4027121.35	0.03678839	6.74E-03	5.03E-03	0.00E+00
3259	260185.9	4027096.5	0.03695449	6.77E-03	5.05E-03	0.00E+00
3260	260185.5	4027071.65	0.03688493	6.75E-03	5.04E-03	0.00E+00
3261	260185.1	4027046.81	0.03611907	6.61E-03	4.94E-03	0.00E+00
3262	260184.6	4027021.96	0.03507659	6.42E-03	4.79E-03	0.00E+00
3263	260184.2	4026997.11	0.03539462	6.48E-03	4.84E-03	0.00E+00
3264	260183.8	4026972.26	0.03562633	6.52E-03	4.87E-03	0.00E+00
3265	260183.4	4026947.41	0.03481324	6.37E-03	4.76E-03	0.00E+00
3266	260183	4026922.56	0.03350113	6.13E-03	4.58E-03	0.00E+00
3267	260220.1	4027642.77	0.008648756	1.58E-03	1.18E-03	0.00E+00
3268	260219.7	4027617.92	0.01101614	2.02E-03	1.51E-03	0.00E+00
3269	260219.3	4027593.07	0.01324882	2.43E-03	1.81E-03	0.00E+00
3270	260218.8	4027568.22	0.01568692	2.87E-03	2.14E-03	0.00E+00
3271	260218.4	4027543.37	0.01732961	3.17E-03	2.37E-03	0.00E+00
3272	260218	4027518.52	0.0186936	3.42E-03	2.55E-03	0.00E+00
3273	260217.6	4027493.67	0.01993801	3.65E-03	2.72E-03	0.00E+00
3274	260217.2	4027468.82	0.02092326	3.83E-03	2.86E-03	0.00E+00
3275	260216.8	4027443.97	0.0217738	3.99E-03	2.98E-03	0.00E+00
3276	260216.3	4027419.12	0.02246545	4.11E-03	3.07E-03	0.00E+00
3277	260215.9	4027394.28	0.02319781	4.25E-03	3.17E-03	0.00E+00
3278	260215.5	4027369.43	0.02384573	4.37E-03	3.26E-03	0.00E+00
3279	260215.1	4027344.58	0.02433079	4.45E-03	3.33E-03	0.00E+00
3280	260214.7	4027319.73	0.02466487	4.52E-03	3.37E-03	0.00E+00
3281	260214.2	4027294.88	0.02504221	4.59E-03	3.42E-03	0.00E+00
3282	260213.8	4027270.03	0.0254049	4.65E-03	3.47E-03	0.00E+00
3283	260213.4	4027245.18	0.02565476	4.70E-03	3.51E-03	0.00E+00

3284	260213	4027220.33	0.02579668	4.72E-03	3.53E-03	0.00E+00
3285	260212.6	4027195.48	0.02594161	4.75E-03	3.55E-03	0.00E+00
3286	260212.2	4027170.63	0.02631361	4.82E-03	3.60E-03	0.00E+00
3287	260211.7	4027145.78	0.02646902	4.85E-03	3.62E-03	0.00E+00
3288	260211.3	4027120.93	0.02649693	4.85E-03	3.62E-03	0.00E+00
3289	260210.9	4027096.08	0.02640946	4.84E-03	3.61E-03	0.00E+00
3290	260210.5	4027071.23	0.02635083	4.82E-03	3.60E-03	0.00E+00
3291	260210.1	4027046.38	0.02615658	4.79E-03	3.57E-03	0.00E+00
3292	260209.6	4027021.54	0.02588671	4.74E-03	3.54E-03	0.00E+00
3293	260209.2	4026996.69	0.02579109	4.72E-03	3.52E-03	0.00E+00
3294	260208.8	4026971.84	0.02576317	4.72E-03	3.52E-03	0.00E+00
3295	260208.4	4026946.99	0.02536629	4.64E-03	3.47E-03	0.00E+00
3296	260208	4026922.14	0.02476374	4.53E-03	3.38E-03	0.00E+00
3297	260245.1	4027642.35	0.006173661	1.13E-03	8.44E-04	0.00E+00
3298	260244.7	4027617.5	0.007688403	1.41E-03	1.05E-03	0.00E+00
3299	260244.3	4027592.65	0.009115904	1.67E-03	1.25E-03	0.00E+00
3300	260243.8	4027567.8	0.01070253	1.96E-03	1.46E-03	0.00E+00
3301	260243.4	4027542.95	0.01201139	2.20E-03	1.64E-03	0.00E+00
3302	260243	4027518.1	0.01320787	2.42E-03	1.81E-03	0.00E+00
3303	260242.6	4027493.25	0.01431525	2.62E-03	1.96E-03	0.00E+00
3304	260242.2	4027468.4	0.0151979	2.78E-03	2.08E-03	0.00E+00
3305	260241.7	4027443.55	0.01605822	2.94E-03	2.19E-03	0.00E+00
3306	260241.3	4027418.7	0.01676359	3.07E-03	2.29E-03	0.00E+00
3307	260240.9	4027393.85	0.01738359	3.18E-03	2.38E-03	0.00E+00
3308	260240.5	4027369.01	0.01792774	3.28E-03	2.45E-03	0.00E+00
3309	260240.1	4027344.16	0.01841001	3.37E-03	2.52E-03	0.00E+00
3310	260239.7	4027319.31	0.01885134	3.45E-03	2.58E-03	0.00E+00
3311	260239.2	4027294.46	0.01922124	3.52E-03	2.63E-03	0.00E+00
3312	260238.8	4027269.61	0.01955415	3.58E-03	2.67E-03	0.00E+00
3313	260238.4	4027244.76	0.01984217	3.63E-03	2.71E-03	0.00E+00
3314	260238	4027219.91	0.02009179	3.68E-03	2.75E-03	0.00E+00
3315	260237.6	4027195.06	0.0203235	3.72E-03	2.78E-03	0.00E+00
3316	260237.1	4027170.21	0.02043029	3.74E-03	2.79E-03	0.00E+00
3317	260236.7	4027145.36	0.02058872	3.77E-03	2.81E-03	0.00E+00
3318	260236.3	4027120.51	0.0206278	3.78E-03	2.82E-03	0.00E+00
3319	260235.9	4027095.66	0.02058011	3.77E-03	2.81E-03	0.00E+00
3320	260235.5	4027070.81	0.02060175	3.77E-03	2.82E-03	0.00E+00
3321	260235.1	4027045.96	0.02058034	3.77E-03	2.81E-03	0.00E+00
3322	260234.6	4027021.11	0.02051195	3.76E-03	2.80E-03	0.00E+00
3323	260234.2	4026996.26	0.02050311	3.75E-03	2.80E-03	0.00E+00
3324	260233.8	4026971.42	0.02036654	3.73E-03	2.78E-03	0.00E+00
3325	260233.4	4026946.57	0.02013692	3.69E-03	2.75E-03	0.00E+00
3326	260233	4026921.72	0.01978959	3.62E-03	2.70E-03	0.00E+00
3327	260232.5	4026896.87	0.01924078	3.52E-03	2.63E-03	0.00E+00
3328	260270.1	4027641.93	0.004858993	8.90E-04	6.64E-04	0.00E+00
3329	260269.7	4027617.08	0.00574583	1.05E-03	7.85E-04	0.00E+00
3330	260269.3	4027592.23	0.006738287	1.23E-03	9.21E-04	0.00E+00

3331	260268.8	4027567.38	0.007824965	1.43E-03	1.07E-03	0.00E+00
3332	260268.4	4027542.53	0.008865811	1.62E-03	1.21E-03	0.00E+00
3333	260268	4027517.68	0.009862689	1.81E-03	1.35E-03	0.00E+00
3334	260267.6	4027492.83	0.01077721	1.97E-03	1.47E-03	0.00E+00
3335	260267.2	4027467.98	0.01158355	2.12E-03	1.58E-03	0.00E+00
3336	260266.7	4027443.13	0.01234407	2.26E-03	1.69E-03	0.00E+00
3337	260266.3	4027418.28	0.01298151	2.38E-03	1.77E-03	0.00E+00
3338	260265.9	4027393.43	0.01357707	2.49E-03	1.86E-03	0.00E+00
3339	260265.5	4027368.58	0.01411239	2.58E-03	1.93E-03	0.00E+00
3340	260265.1	4027343.73	0.01457791	2.67E-03	1.99E-03	0.00E+00
3341	260264.7	4027318.89	0.01499574	2.75E-03	2.05E-03	0.00E+00
3342	260264.2	4027294.04	0.01537262	2.81E-03	2.10E-03	0.00E+00
3343	260263.8	4027269.19	0.01570576	2.88E-03	2.15E-03	0.00E+00
3344	260263.4	4027244.34	0.01600192	2.93E-03	2.19E-03	0.00E+00
3345	260263	4027219.49	0.0161871	2.96E-03	2.21E-03	0.00E+00
3346	260262.6	4027194.64	0.01639532	3.00E-03	2.24E-03	0.00E+00
3347	260262.1	4027169.79	0.01655933	3.03E-03	2.26E-03	0.00E+00
3348	260261.7	4027144.94	0.01676453	3.07E-03	2.29E-03	0.00E+00
3349	260261.3	4027120.09	0.01688969	3.09E-03	2.31E-03	0.00E+00
3350	260260.9	4027095.24	0.01696809	3.11E-03	2.32E-03	0.00E+00
3351	260260.5	4027070.39	0.0169625	3.11E-03	2.32E-03	0.00E+00
3352	260320.1	4027641.09	0.003401248	6.23E-04	4.65E-04	0.00E+00
3353	260319.7	4027616.24	0.003806513	6.97E-04	5.20E-04	0.00E+00
3354	260319.2	4027591.39	0.00428762	7.85E-04	5.86E-04	0.00E+00
3355	260318.8	4027566.54	0.004844336	8.87E-04	6.62E-04	0.00E+00
3356	260318.4	4027541.69	0.005450373	9.98E-04	7.45E-04	0.00E+00
3357	260318	4027516.84	0.006074322	1.11E-03	8.30E-04	0.00E+00
3358	260317.6	4027491.99	0.006699435	1.23E-03	9.16E-04	0.00E+00
3359	260317.2	4027467.14	0.007302448	1.34E-03	9.98E-04	0.00E+00
3360	260316.7	4027442.29	0.007879635	1.44E-03	1.08E-03	0.00E+00
3361	260316.3	4027417.44	0.008412157	1.54E-03	1.15E-03	0.00E+00
3362	260315.9	4027392.59	0.008911642	1.63E-03	1.22E-03	0.00E+00
3363	260315.5	4027367.74	0.009373905	1.72E-03	1.28E-03	0.00E+00
3364	260315.1	4027342.89	0.009794292	1.79E-03	1.34E-03	0.00E+00
3365	260314.6	4027318.04	0.0101756	1.86E-03	1.39E-03	0.00E+00
3366	260314.2	4027293.19	0.01052526	1.93E-03	1.44E-03	0.00E+00
3367	260313.8	4027268.35	0.01084724	1.99E-03	1.48E-03	0.00E+00
3368	260313.4	4027243.5	0.01113432	2.04E-03	1.52E-03	0.00E+00
3369	260313	4027218.65	0.01139279	2.09E-03	1.56E-03	0.00E+00
3370	260312.6	4027193.8	0.0116252	2.13E-03	1.59E-03	0.00E+00
3371	260312.1	4027168.95	0.01181573	2.16E-03	1.61E-03	0.00E+00
3372	260311.7	4027144.1	0.01200696	2.20E-03	1.64E-03	0.00E+00
3373	260311.3	4027119.25	0.01215562	2.23E-03	1.66E-03	0.00E+00
3374	260310.9	4027094.4	0.01227078	2.25E-03	1.68E-03	0.00E+00
3375	260310.5	4027069.55	0.0123329	2.26E-03	1.69E-03	0.00E+00
3376	260310	4027044.7	0.01237221	2.27E-03	1.69E-03	0.00E+00
3377	260309.6	4027019.85	0.01241688	2.27E-03	1.70E-03	0.00E+00

3378	260309.2	4026995	0.01249226	2.29E-03	1.71E-03	0.00E+00
3379	260308.8	4026970.15	0.01248574	2.29E-03	1.71E-03	0.00E+00
3380	260308.4	4026945.3	0.01243852	2.28E-03	1.70E-03	0.00E+00
3381	260308	4026920.45	0.0123436	2.26E-03	1.69E-03	0.00E+00
3382	260307.5	4026895.6	0.01219354	2.23E-03	1.67E-03	0.00E+00
3383	260370.1	4027640.24	0.002607236	4.77E-04	3.56E-04	0.00E+00
3384	260369.7	4027615.39	0.002838484	5.20E-04	3.88E-04	0.00E+00
3385	260369.2	4027590.55	0.003114166	5.70E-04	4.26E-04	0.00E+00
3386	260368.8	4027565.7	0.003428933	6.28E-04	4.69E-04	0.00E+00
3387	260368.4	4027540.85	0.003776968	6.92E-04	5.16E-04	0.00E+00
3388	260368	4027516	0.004158037	7.61E-04	5.68E-04	0.00E+00
3389	260367.6	4027491.15	0.004564233	8.36E-04	6.24E-04	0.00E+00
3390	260367.1	4027466.3	0.004981828	9.12E-04	6.81E-04	0.00E+00
3391	260366.7	4027441.45	0.005397795	9.88E-04	7.38E-04	0.00E+00
3392	260366.3	4027416.6	0.005805619	1.06E-03	7.93E-04	0.00E+00
3393	260365.9	4027391.75	0.006199251	1.14E-03	8.47E-04	0.00E+00
3394	260365.5	4027366.9	0.006575436	1.20E-03	8.99E-04	0.00E+00
3395	260365.1	4027342.05	0.006928822	1.27E-03	9.47E-04	0.00E+00
3396	260364.6	4027317.2	0.007256151	1.33E-03	9.92E-04	0.00E+00
3397	260364.2	4027292.35	0.007575803	1.39E-03	1.04E-03	0.00E+00
3398	260363.8	4027267.5	0.007869865	1.44E-03	1.08E-03	0.00E+00
3399	260363.4	4027242.65	0.008141127	1.49E-03	1.11E-03	0.00E+00
3400	260363	4027217.8	0.008391684	1.54E-03	1.15E-03	0.00E+00
3401	260362.5	4027192.96	0.00861921	1.58E-03	1.18E-03	0.00E+00
3402	260362.1	4027168.11	0.008823703	1.62E-03	1.21E-03	0.00E+00
3403	260361.7	4027143.26	0.009003769	1.65E-03	1.23E-03	0.00E+00
3404	260361.3	4027118.41	0.00916313	1.68E-03	1.25E-03	0.00E+00
3405	260360.9	4027093.56	0.009298994	1.70E-03	1.27E-03	0.00E+00
3406	260360.5	4027068.71	0.009412989	1.72E-03	1.29E-03	0.00E+00
3407	260420.1	4027639.4	0.002105424	3.85E-04	2.88E-04	0.00E+00
3408	260419.7	4027614.55	0.002251291	4.12E-04	3.08E-04	0.00E+00
3409	260419.2	4027589.7	0.002422982	4.44E-04	3.31E-04	0.00E+00
3410	260418.8	4027564.85	0.002619566	4.80E-04	3.58E-04	0.00E+00
3411	260418.4	4027540	0.002839414	5.20E-04	3.88E-04	0.00E+00
3412	260418	4027515.16	0.003081131	5.64E-04	4.21E-04	0.00E+00
3413	260417.6	4027490.31	0.003343087	6.12E-04	4.57E-04	0.00E+00
3414	260417.1	4027465.46	0.003621562	6.63E-04	4.95E-04	0.00E+00
3415	260416.7	4027440.61	0.003911668	7.16E-04	5.35E-04	0.00E+00
3416	260416.3	4027415.76	0.004207358	7.70E-04	5.75E-04	0.00E+00
3417	260415.9	4027390.91	0.004504444	8.25E-04	6.16E-04	0.00E+00
3418	260415.5	4027366.06	0.004798505	8.79E-04	6.56E-04	0.00E+00
3419	260415.1	4027341.21	0.00508582	9.31E-04	6.95E-04	0.00E+00
3420	260414.6	4027316.36	0.005364992	9.82E-04	7.33E-04	0.00E+00
3421	260414.2	4027291.51	0.005634626	1.03E-03	7.70E-04	0.00E+00
3422	260413.8	4027266.66	0.005890534	1.08E-03	8.05E-04	0.00E+00
3423	260413.4	4027241.81	0.006134111	1.12E-03	8.38E-04	0.00E+00
3424	260413	4027216.96	0.006363033	1.17E-03	8.70E-04	0.00E+00

3425	260412.5	4027192.11	0.006574738	1.20E-03	8.99E-04	0.00E+00
3426	260412.1	4027167.26	0.006764575	1.24E-03	9.24E-04	0.00E+00
3427	260411.7	4027142.41	0.006922307	1.27E-03	9.46E-04	0.00E+00
3428	260411.3	4027117.57	0.007080505	1.30E-03	9.68E-04	0.00E+00
3429	260410.9	4027092.72	0.007231956	1.32E-03	9.88E-04	0.00E+00
3430	260410.4	4027067.87	0.007376195	1.35E-03	1.01E-03	0.00E+00
3431	260410	4027043.02	0.007497403	1.37E-03	1.02E-03	0.00E+00
3432	260409.6	4027018.17	0.007600929	1.39E-03	1.04E-03	0.00E+00
3433	260409.2	4026993.32	0.007680958	1.41E-03	1.05E-03	0.00E+00
3434	260408.8	4026968.47	0.007733768	1.42E-03	1.06E-03	0.00E+00
3435	260408.4	4026943.62	0.007780995	1.42E-03	1.06E-03	0.00E+00
3436	260407.9	4026918.77	0.007813797	1.43E-03	1.07E-03	0.00E+00
3437	260407.5	4026893.92	0.007814263	1.43E-03	1.07E-03	0.00E+00
3438	260470.5	4027663.41	0.001668287	3.05E-04	2.28E-04	0.00E+00
3439	260470.1	4027638.56	0.001755063	3.21E-04	2.40E-04	0.00E+00
3440	260469.6	4027613.71	0.001853704	3.39E-04	2.53E-04	0.00E+00
3441	260469.2	4027588.86	0.001967699	3.60E-04	2.69E-04	0.00E+00
3442	260468.8	4027564.01	0.002098212	3.84E-04	2.87E-04	0.00E+00
3443	260468.4	4027539.16	0.002244312	4.11E-04	3.07E-04	0.00E+00
3444	260468	4027514.31	0.002406232	4.41E-04	3.29E-04	0.00E+00
3445	260467.6	4027489.46	0.002582576	4.73E-04	3.53E-04	0.00E+00
3446	260467.1	4027464.61	0.00277125	5.07E-04	3.79E-04	0.00E+00
3447	260466.7	4027439.77	0.002970858	5.44E-04	4.06E-04	0.00E+00
3448	260466.3	4027414.92	0.003174654	5.81E-04	4.34E-04	0.00E+00
3449	260465.9	4027390.07	0.003396363	6.22E-04	4.64E-04	0.00E+00
3450	260465.5	4027365.22	0.003627378	6.64E-04	4.96E-04	0.00E+00
3451	260465	4027340.37	0.003853972	7.06E-04	5.27E-04	0.00E+00
3452	260464.6	4027315.52	0.004080102	7.47E-04	5.58E-04	0.00E+00
3453	260464.2	4027290.67	0.004302741	7.88E-04	5.88E-04	0.00E+00
3454	260463.8	4027265.82	0.004519798	8.28E-04	6.18E-04	0.00E+00
3455	260463.4	4027240.97	0.004731039	8.66E-04	6.47E-04	0.00E+00
3456	260463	4027216.12	0.004929018	9.02E-04	6.74E-04	0.00E+00
3457	260462.5	4027191.27	0.005099546	9.34E-04	6.97E-04	0.00E+00
3458	260462.1	4027166.42	0.005252858	9.62E-04	7.18E-04	0.00E+00
3459	260461.7	4027141.57	0.005437577	9.96E-04	7.43E-04	0.00E+00
3460	260461.3	4027116.72	0.005607872	1.03E-03	7.66E-04	0.00E+00
3461	260460.9	4027091.87	0.005757229	1.05E-03	7.87E-04	0.00E+00
3462	260460.4	4027067.03	0.005899374	1.08E-03	8.06E-04	0.00E+00
3463	260570.5	4027661.73	0.001248365	2.29E-04	1.71E-04	0.00E+00
3464	260570	4027636.88	0.001295824	2.37E-04	1.77E-04	0.00E+00
3465	260569.6	4027612.03	0.001347239	2.47E-04	1.84E-04	0.00E+00
3466	260569.2	4027587.18	0.001403771	2.57E-04	1.92E-04	0.00E+00
3467	260568.8	4027562.33	0.001470074	2.69E-04	2.01E-04	0.00E+00
3468	260568.4	4027537.48	0.001544753	2.83E-04	2.11E-04	0.00E+00
3469	260568	4027512.63	0.001628039	2.98E-04	2.22E-04	0.00E+00
3470	260567.5	4027487.78	0.00171877	3.15E-04	2.35E-04	0.00E+00
3471	260567.1	4027462.93	0.001816248	3.33E-04	2.48E-04	0.00E+00

3472	260566.7	4027438.08	0.001923264	3.52E-04	2.63E-04	0.00E+00
3473	260566.3	4027413.23	0.002036561	3.73E-04	2.78E-04	0.00E+00
3474	260565.9	4027388.38	0.002157303	3.95E-04	2.95E-04	0.00E+00
3475	260565.4	4027363.53	0.002282233	4.18E-04	3.12E-04	0.00E+00
3476	260565	4027338.68	0.002412281	4.42E-04	3.30E-04	0.00E+00
3477	260564.6	4027313.84	0.002549308	4.67E-04	3.48E-04	0.00E+00
3478	260564.2	4027288.99	0.002693081	4.93E-04	3.68E-04	0.00E+00
3479	260563.8	4027264.14	0.002842206	5.20E-04	3.88E-04	0.00E+00
3480	260563.4	4027239.29	0.002985049	5.47E-04	4.08E-04	0.00E+00
3481	260562.9	4027214.44	0.003127194	5.73E-04	4.27E-04	0.00E+00
3482	260562.5	4027189.59	0.003264687	5.98E-04	4.46E-04	0.00E+00
3483	260562.1	4027164.74	0.003388685	6.20E-04	4.63E-04	0.00E+00
3484	260561.7	4027139.89	0.003502448	6.41E-04	4.79E-04	0.00E+00
3485	260561.3	4027115.04	0.003634357	6.65E-04	4.97E-04	0.00E+00
3486	260560.8	4027090.19	0.003791159	6.94E-04	5.18E-04	0.00E+00
3487	260560.4	4027065.34	0.00391795	7.17E-04	5.35E-04	0.00E+00
3488	260560	4027040.49	0.004029153	7.38E-04	5.51E-04	0.00E+00
3489	260559.6	4027015.64	0.004121512	7.55E-04	5.63E-04	0.00E+00
3490	260559.2	4026990.79	0.004219688	7.73E-04	5.77E-04	0.00E+00
3491	260558.8	4026965.94	0.004322517	7.91E-04	5.91E-04	0.00E+00
3492	260558.3	4026941.09	0.004369976	8.00E-04	5.97E-04	0.00E+00
3493	260557.9	4026916.25	0.004404407	8.06E-04	6.02E-04	0.00E+00
3494	260557.5	4026891.4	0.004473269	8.19E-04	6.11E-04	0.00E+00
3495	260670.5	4027660.04	0.00098036	1.79E-04	1.34E-04	0.00E+00
3496	260670	4027635.19	0.001005253	1.84E-04	1.37E-04	0.00E+00
3497	260669.6	4027610.34	0.001038055	1.90E-04	1.42E-04	0.00E+00
3498	260669.2	4027585.49	0.001075278	1.97E-04	1.47E-04	0.00E+00
3499	260668.8	4027560.65	0.001109709	2.03E-04	1.52E-04	0.00E+00
3500	260668.4	4027535.8	0.001152051	2.11E-04	1.57E-04	0.00E+00
3501	260667.9	4027510.95	0.00120393	2.20E-04	1.65E-04	0.00E+00
3502	260667.5	4027486.1	0.001259067	2.31E-04	1.72E-04	0.00E+00
3503	260667.1	4027461.25	0.001319089	2.42E-04	1.80E-04	0.00E+00
3504	260666.7	4027436.4	0.001384229	2.53E-04	1.89E-04	0.00E+00
3505	260666.3	4027411.55	0.001453324	2.66E-04	1.99E-04	0.00E+00
3506	260665.9	4027386.7	0.001526374	2.79E-04	2.09E-04	0.00E+00
3507	260665.4	4027361.85	0.001601751	2.93E-04	2.19E-04	0.00E+00
3508	260665	4027337	0.00167387	3.06E-04	2.29E-04	0.00E+00
3509	260664.6	4027312.15	0.001752038	3.21E-04	2.39E-04	0.00E+00
3510	260664.2	4027287.3	0.001839047	3.37E-04	2.51E-04	0.00E+00
3511	260663.8	4027262.45	0.001931639	3.54E-04	2.64E-04	0.00E+00
3512	260663.3	4027237.6	0.002025627	3.71E-04	2.77E-04	0.00E+00
3513	260662.9	4027212.75	0.002114962	3.87E-04	2.89E-04	0.00E+00
3514	260662.5	4027187.9	0.002207089	4.04E-04	3.02E-04	0.00E+00
3515	260662.1	4027163.06	0.002305497	4.22E-04	3.15E-04	0.00E+00
3516	260661.7	4027138.21	0.002406232	4.41E-04	3.29E-04	0.00E+00
3517	260661.2	4027113.36	0.002503012	4.58E-04	3.42E-04	0.00E+00
3518	260660.8	4027088.51	0.002608399	4.78E-04	3.56E-04	0.00E+00

3519	260660.4	4027063.66	0.00270704	4.96E-04	3.70E-04	0.00E+00
3520	260770	4027675.57	0.00079029	1.45E-04	1.08E-04	0.00E+00
3521	260770	4027633.51	0.000820766	1.50E-04	1.12E-04	0.00E+00
3522	260769.6	4027608.66	0.000841006	1.54E-04	1.15E-04	0.00E+00
3523	260769.2	4027583.81	0.000862875	1.58E-04	1.18E-04	0.00E+00
3524	260768.8	4027558.96	0.000887535	1.63E-04	1.21E-04	0.00E+00
3525	260768.3	4027534.11	0.000915918	1.68E-04	1.25E-04	0.00E+00
3526	260767.9	4027509.26	0.000948488	1.74E-04	1.30E-04	0.00E+00
3527	260767.5	4027484.41	0.000986176	1.81E-04	1.35E-04	0.00E+00
3528	260767.1	4027459.56	0.001027354	1.88E-04	1.40E-04	0.00E+00
3529	260766.7	4027434.72	0.001071323	1.96E-04	1.46E-04	0.00E+00
3530	260766.3	4027409.87	0.001116456	2.04E-04	1.53E-04	0.00E+00
3531	260765.8	4027385.02	0.00116345	2.13E-04	1.59E-04	0.00E+00
3532	260765.4	4027360.17	0.001213003	2.22E-04	1.66E-04	0.00E+00
3533	260765	4027335.32	0.001267442	2.32E-04	1.73E-04	0.00E+00
3534	260764.6	4027310.47	0.001322113	2.42E-04	1.81E-04	0.00E+00
3535	260764.2	4027285.62	0.001374691	2.52E-04	1.88E-04	0.00E+00
3536	260763.7	4027260.77	0.001427966	2.61E-04	1.95E-04	0.00E+00
3537	260763.3	4027235.92	0.001490314	2.73E-04	2.04E-04	0.00E+00
3538	260762.9	4027211.07	0.001550569	2.84E-04	2.12E-04	0.00E+00
3539	260762.5	4027186.22	0.001615011	2.96E-04	2.21E-04	0.00E+00
3540	260762.1	4027161.37	0.001682245	3.08E-04	2.30E-04	0.00E+00
3541	260761.7	4027136.52	0.001746222	3.20E-04	2.39E-04	0.00E+00
3542	260761.2	4027111.67	0.001817644	3.33E-04	2.48E-04	0.00E+00
3543	260760.8	4027086.82	0.001913028	3.50E-04	2.61E-04	0.00E+00
3544	260760.4	4027061.97	0.001997942	3.66E-04	2.73E-04	0.00E+00
3545	260760	4027037.13	0.002069829	3.79E-04	2.83E-04	0.00E+00
3546	260759.6	4027012.28	0.002136133	3.91E-04	2.92E-04	0.00E+00
3547	260759.1	4026987.43	0.002207554	4.04E-04	3.02E-04	0.00E+00
3548	260758.7	4026962.58	0.002283396	4.18E-04	3.12E-04	0.00E+00
3549	260758.3	4026937.73	0.002352258	4.31E-04	3.21E-04	0.00E+00
3550	260757.9	4026912.88	0.002416003	4.42E-04	3.30E-04	0.00E+00
3551	260757.5	4026888.03	0.002475327	4.53E-04	3.38E-04	0.00E+00
3552	260869.9	4027676.75	0.000662336	1.21E-04	9.05E-05	0.00E+00
3553	260870	4027631.83	0.000687462	1.26E-04	9.40E-05	0.00E+00
3554	260869.6	4027606.98	0.000703049	1.29E-04	9.61E-05	0.00E+00
3555	260869.2	4027582.13	0.000720032	1.32E-04	9.84E-05	0.00E+00
3556	260868.8	4027557.28	0.000738876	1.35E-04	1.01E-04	0.00E+00
3557	260868.3	4027532.43	0.000759814	1.39E-04	1.04E-04	0.00E+00
3558	260867.9	4027507.58	0.000783543	1.43E-04	1.07E-04	0.00E+00
3559	260867.5	4027482.73	0.000810065	1.48E-04	1.11E-04	0.00E+00
3560	260867.1	4027457.88	0.000839145	1.54E-04	1.15E-04	0.00E+00
3561	260866.7	4027433.03	0.000870319	1.59E-04	1.19E-04	0.00E+00
3562	260866.2	4027408.18	0.00090289	1.65E-04	1.23E-04	0.00E+00
3563	260865.8	4027383.33	0.00093197	1.71E-04	1.27E-04	0.00E+00
3564	260865.4	4027358.48	0.000962912	1.76E-04	1.32E-04	0.00E+00
3565	260865	4027333.63	0.00099711	1.83E-04	1.36E-04	0.00E+00

3566	260864.6	4027308.78	0.001035496	1.90E-04	1.42E-04	0.00E+00
3567	260864.1	4027283.94	0.001075511	1.97E-04	1.47E-04	0.00E+00
3568	260863.7	4027259.09	0.001112036	2.04E-04	1.52E-04	0.00E+00
3569	260863.3	4027234.24	0.001152749	2.11E-04	1.58E-04	0.00E+00
3570	260862.9	4027209.39	0.001203465	2.20E-04	1.64E-04	0.00E+00
3571	260862.5	4027184.54	0.001254181	2.30E-04	1.71E-04	0.00E+00
3572	260862.1	4027159.69	0.001302106	2.38E-04	1.78E-04	0.00E+00
3573	260861.6	4027134.84	0.001348169	2.47E-04	1.84E-04	0.00E+00
3574	260861.2	4027109.99	0.001397257	2.56E-04	1.91E-04	0.00E+00
3575	260860.8	4027085.14	0.001459373	2.67E-04	1.99E-04	0.00E+00
3576	260860.4	4027060.29	0.001514509	2.77E-04	2.07E-04	0.00E+00
3577	261069.9	4027672.67	0.000502277	9.20E-05	6.86E-05	0.00E+00
3578	261070	4027628.46	0.000520424	9.53E-05	7.11E-05	0.00E+00
3579	261069.6	4027603.61	0.000530427	9.71E-05	7.25E-05	0.00E+00
3580	261069.1	4027578.76	0.000541362	9.91E-05	7.40E-05	0.00E+00
3581	261068.7	4027553.91	0.000553459	1.01E-04	7.56E-05	0.00E+00
3582	261068.3	4027529.06	0.000563928	1.03E-04	7.71E-05	0.00E+00
3583	261067.9	4027504.21	0.000579515	1.06E-04	7.92E-05	0.00E+00
3584	261067.5	4027479.36	0.000596033	1.09E-04	8.15E-05	0.00E+00
3585	261067.1	4027454.51	0.000613946	1.12E-04	8.39E-05	0.00E+00
3586	261066.6	4027429.66	0.000633023	1.16E-04	8.65E-05	0.00E+00
3587	261066.2	4027404.82	0.000652332	1.19E-04	8.92E-05	0.00E+00
3588	261065.8	4027379.97	0.000672572	1.23E-04	9.19E-05	0.00E+00
3589	261065.4	4027355.12	0.000690486	1.26E-04	9.44E-05	0.00E+00
3590	261065	4027330.27	0.00071375	1.31E-04	9.75E-05	0.00E+00
3591	261064.5	4027305.42	0.00073748	1.35E-04	1.01E-04	0.00E+00
3592	261064.1	4027280.57	0.000756789	1.39E-04	1.03E-04	0.00E+00
3593	261063.7	4027255.72	0.000778425	1.43E-04	1.06E-04	0.00E+00
3594	261063.3	4027230.87	0.000804481	1.47E-04	1.10E-04	0.00E+00
3595	261062.9	4027206.02	0.000831003	1.52E-04	1.14E-04	0.00E+00
3596	261062.4	4027181.17	0.00085543	1.57E-04	1.17E-04	0.00E+00
3597	261062	4027156.32	0.00088009	1.61E-04	1.20E-04	0.00E+00
3598	261061.6	4027131.47	0.000908008	1.66E-04	1.24E-04	0.00E+00
3599	261061.2	4027106.62	0.000934296	1.71E-04	1.28E-04	0.00E+00
3600	261060.8	4027081.77	0.00096361	1.76E-04	1.32E-04	0.00E+00
3601	261060.4	4027056.92	0.000991527	1.82E-04	1.36E-04	0.00E+00
3602	261269.7	4027673.6	0.000412477	7.55E-05	5.64E-05	0.00E+00
3603	261269.1	4027697.26	0.0004048	7.41E-05	5.53E-05	0.00E+00
3604	261268.5	4027720.92	0.000397588	7.28E-05	5.43E-05	0.00E+00
3605	261270.4	4027649.94	0.000420387	7.70E-05	5.75E-05	0.00E+00
3606	261270	4027625.09	0.000428762	7.85E-05	5.86E-05	0.00E+00
3607	261269.5	4027600.24	0.000437603	8.01E-05	5.98E-05	0.00E+00
3608	261269.1	4027575.39	0.000445978	8.17E-05	6.10E-05	0.00E+00
3609	261268.7	4027550.54	0.000452724	8.29E-05	6.19E-05	0.00E+00
3610	261268.3	4027525.7	0.000456912	8.37E-05	6.24E-05	0.00E+00
3611	261267.9	4027500.85	0.000461099	8.44E-05	6.30E-05	0.00E+00
3612	261267.4	4027476	0.000471801	8.64E-05	6.45E-05	0.00E+00

3613	261267	4027451.15	0.000487621	8.93E-05	6.66E-05	0.00E+00
3614	261266.6	4027426.3	0.000503441	9.22E-05	6.88E-05	0.00E+00
3615	261266.2	4027401.45	0.000515771	9.44E-05	7.05E-05	0.00E+00
3616	261265.8	4027376.6	0.000526705	9.64E-05	7.20E-05	0.00E+00
3617	261265.3	4027351.75	0.000538802	9.87E-05	7.36E-05	0.00E+00
3618	261264.9	4027326.9	0.000554622	1.02E-04	7.58E-05	0.00E+00
3619	261264.5	4027302.05	0.000566022	1.04E-04	7.74E-05	0.00E+00
3620	261264.1	4027277.2	0.000580446	1.06E-04	7.93E-05	0.00E+00
3621	261263.7	4027252.35	0.000595567	1.09E-04	8.14E-05	0.00E+00
3622	261263.3	4027227.5	0.0006072	1.11E-04	8.30E-05	0.00E+00
3623	261262.8	4027202.65	0.000620926	1.14E-04	8.49E-05	0.00E+00
3624	261262.4	4027177.8	0.000638839	1.17E-04	8.73E-05	0.00E+00
3625	261262	4027152.95	0.000656287	1.20E-04	8.97E-05	0.00E+00
3626	261261.6	4027128.11	0.000672805	1.23E-04	9.19E-05	0.00E+00
3627	261261.2	4027103.26	0.000689555	1.26E-04	9.42E-05	0.00E+00
3628	261260.7	4027078.41	0.000706771	1.29E-04	9.66E-05	0.00E+00
3629	261260.3	4027053.56	0.000724452	1.33E-04	9.90E-05	0.00E+00
3630	261469.8	4027668.94	0.000354549	6.49E-05	4.85E-05	0.00E+00
3631	261468.6	4027713.68	0.000343615	6.29E-05	4.70E-05	0.00E+00
3632	261470.3	4027646.58	0.000359667	6.59E-05	4.92E-05	0.00E+00
3633	261469.9	4027621.73	0.000365018	6.68E-05	4.99E-05	0.00E+00
3634	261469.5	4027596.88	0.000375719	6.88E-05	5.13E-05	0.00E+00
3635	261469.1	4027572.03	0.000383629	7.02E-05	5.24E-05	0.00E+00
3636	261468.7	4027547.18	0.000389678	7.13E-05	5.33E-05	0.00E+00
3637	261468.2	4027522.33	0.000396192	7.25E-05	5.41E-05	0.00E+00
3638	261467.8	4027497.48	0.000402939	7.38E-05	5.51E-05	0.00E+00
3639	261467.4	4027472.63	0.000409685	7.50E-05	5.60E-05	0.00E+00
3640	261467	4027447.78	0.000416199	7.62E-05	5.69E-05	0.00E+00
3641	261466.6	4027422.93	0.000422713	7.74E-05	5.78E-05	0.00E+00
3642	261466.2	4027398.08	0.000429693	7.87E-05	5.87E-05	0.00E+00
3643	261465.7	4027373.23	0.00043737	8.01E-05	5.98E-05	0.00E+00
3644	261465.3	4027348.38	0.00044528	8.15E-05	6.09E-05	0.00E+00
3645	261464.9	4027323.53	0.000452492	8.28E-05	6.18E-05	0.00E+00
3646	261464.5	4027298.68	0.000461099	8.44E-05	6.30E-05	0.00E+00
3647	261464.1	4027273.83	0.000470405	8.61E-05	6.43E-05	0.00E+00
3648	261463.6	4027248.99	0.000480176	8.79E-05	6.56E-05	0.00E+00
3649	261463.2	4027224.14	0.000489715	8.97E-05	6.69E-05	0.00E+00
3650	261462.8	4027199.29	0.000499951	9.15E-05	6.83E-05	0.00E+00
3651	261462.4	4027174.44	0.00051042	9.35E-05	6.98E-05	0.00E+00
3652	261462	4027149.59	0.000520656	9.53E-05	7.12E-05	0.00E+00
3653	261461.6	4027124.74	0.000531125	9.72E-05	7.26E-05	0.00E+00
3654	261461.1	4027099.89	0.000543223	9.95E-05	7.42E-05	0.00E+00
3655	261460.7	4027075.04	0.000556251	1.02E-04	7.60E-05	0.00E+00
3656	261460.3	4027050.19	0.000568813	1.04E-04	7.77E-05	0.00E+00
3657	261459.9	4027025.34	0.000581144	1.06E-04	7.94E-05	0.00E+00
3658	261459.5	4027000.49	0.000593706	1.09E-04	8.11E-05	0.00E+00
3659	261459	4026975.64	0.000606502	1.11E-04	8.29E-05	0.00E+00

3660	261458.6	4026950.79	0.000618599	1.13E-04	8.45E-05	0.00E+00
3661	261458.2	4026925.94	0.000631162	1.16E-04	8.63E-05	0.00E+00
3662	261457.8	4026901.09	0.000644423	1.18E-04	8.81E-05	0.00E+00
3663	261457.4	4026876.25	0.000656055	1.20E-04	8.97E-05	0.00E+00
3664	261669.7	4027664.72	0.000317791	5.82E-05	4.34E-05	0.00E+00
3665	261668.6	4027707.73	0.000307787	5.64E-05	4.21E-05	0.00E+00
3666	261669.9	4027618.36	0.000327562	6.00E-05	4.48E-05	0.00E+00
3667	261669.5	4027593.51	0.000333843	6.11E-05	4.56E-05	0.00E+00
3668	261669.1	4027568.66	0.000339194	6.21E-05	4.64E-05	0.00E+00
3669	261668.6	4027543.81	0.00034408	6.30E-05	4.70E-05	0.00E+00
3670	261668.2	4027518.96	0.000348965	6.39E-05	4.77E-05	0.00E+00
3671	261667.8	4027494.11	0.000353386	6.47E-05	4.83E-05	0.00E+00
3672	261667.4	4027469.26	0.000357573	6.55E-05	4.89E-05	0.00E+00
3673	261667	4027444.41	0.000361295	6.62E-05	4.94E-05	0.00E+00
3674	261666.5	4027419.56	0.00036525	6.69E-05	4.99E-05	0.00E+00
3675	261666.1	4027394.71	0.000369438	6.76E-05	5.05E-05	0.00E+00
3676	261665.7	4027369.87	0.000373858	6.85E-05	5.11E-05	0.00E+00
3677	261665.3	4027345.02	0.000378744	6.93E-05	5.18E-05	0.00E+00
3678	261664.9	4027320.17	0.000384095	7.03E-05	5.25E-05	0.00E+00
3679	261664.5	4027295.32	0.000389445	7.13E-05	5.32E-05	0.00E+00
3680	261664	4027270.47	0.000395261	7.24E-05	5.40E-05	0.00E+00
3681	261663.6	4027245.62	0.000401775	7.36E-05	5.49E-05	0.00E+00
3682	261663.2	4027220.77	0.000408987	7.49E-05	5.59E-05	0.00E+00
3683	261662.8	4027195.92	0.000416199	7.62E-05	5.69E-05	0.00E+00
3684	261662.4	4027171.07	0.000424109	7.77E-05	5.80E-05	0.00E+00
3685	261661.9	4027146.22	0.000432019	7.91E-05	5.90E-05	0.00E+00
3686	261661.5	4027121.37	0.000440627	8.07E-05	6.02E-05	0.00E+00
3687	261661.1	4027096.52	0.000448769	8.22E-05	6.13E-05	0.00E+00
3688	261660.7	4027071.67	0.000457377	8.37E-05	6.25E-05	0.00E+00
3689	261660.3	4027046.82	0.00046645	8.54E-05	6.37E-05	0.00E+00
3690	261659.9	4027021.97	0.000475756	8.71E-05	6.50E-05	0.00E+00
3691	261659.4	4026997.12	0.000485062	8.88E-05	6.63E-05	0.00E+00
3692	261659	4026972.28	0.000494135	9.05E-05	6.75E-05	0.00E+00
3693	261658.6	4026947.43	0.000503673	9.22E-05	6.88E-05	0.00E+00
3694	261658.2	4026922.58	0.00051391	9.41E-05	7.02E-05	0.00E+00
3695	261657.8	4026897.73	0.000523448	9.58E-05	7.15E-05	0.00E+00
3696	261657.3	4026872.88	0.000532754	9.75E-05	7.28E-05	0.00E+00
3697	260288.1	4026826.13	0.01233592	2.26E-03	1.69E-03	0.00E+00
3698	260294.2	4026848.07	0.0124213	2.27E-03	1.70E-03	0.00E+00
3699	260300.4	4026870.01	0.01237198	2.27E-03	1.69E-03	0.00E+00
3700	260348.1	4026861.01	0.009862689	1.81E-03	1.35E-03	0.00E+00
3701	260374.5	4026775.74	0.008213479	1.50E-03	1.12E-03	0.00E+00
3702	260380.7	4026797.9	0.008223483	1.51E-03	1.12E-03	0.00E+00
3703	260386.9	4026820.06	0.008186492	1.50E-03	1.12E-03	0.00E+00
3704	260393.1	4026842.22	0.008113908	1.49E-03	1.11E-03	0.00E+00
3705	260399.3	4026864.38	0.008005031	1.47E-03	1.09E-03	0.00E+00
3706	260420.8	4026761.83	0.006993729	1.28E-03	9.56E-04	0.00E+00

3707	260504	4026700.14	0.005275192	9.66E-04	7.21E-04	0.00E+00
3708	260510.3	4026722.64	0.00524518	9.60E-04	7.17E-04	0.00E+00
3709	260516.6	4026745.14	0.005201676	9.52E-04	7.11E-04	0.00E+00
3710	260522.9	4026767.64	0.005144679	9.42E-04	7.03E-04	0.00E+00
3711	260529.2	4026790.14	0.005066743	9.28E-04	6.92E-04	0.00E+00
3712	260535.5	4026812.64	0.004971127	9.10E-04	6.79E-04	0.00E+00
3713	260541.8	4026835.14	0.004852711	8.88E-04	6.63E-04	0.00E+00
3714	260548.1	4026857.65	0.004724524	8.65E-04	6.46E-04	0.00E+00
3715	260590.4	4026649.71	0.004146173	7.59E-04	5.67E-04	0.00E+00
3716	260596.6	4026672.21	0.004113602	7.53E-04	5.62E-04	0.00E+00
3717	260602.9	4026694.71	0.004068237	7.45E-04	5.56E-04	0.00E+00
3718	260609.2	4026717.21	0.004017754	7.36E-04	5.49E-04	0.00E+00
3719	260615.5	4026739.71	0.003956568	7.24E-04	5.41E-04	0.00E+00
3720	260626	4026777.21	0.003827684	7.01E-04	5.23E-04	0.00E+00
3721	260648	4026855.96	0.003475927	6.36E-04	4.75E-04	0.00E+00
3722	260676.7	4026599.27	0.003362629	6.16E-04	4.60E-04	0.00E+00
3723	260683	4026621.77	0.003331921	6.10E-04	4.55E-04	0.00E+00
3724	260689.3	4026644.27	0.003293999	6.03E-04	4.50E-04	0.00E+00
3725	260695.6	4026666.77	0.003246075	5.94E-04	4.44E-04	0.00E+00
3726	260701.9	4026689.27	0.003189543	5.84E-04	4.36E-04	0.00E+00
3727	260708.2	4026711.78	0.00312859	5.73E-04	4.28E-04	0.00E+00
3728	260714.5	4026734.28	0.003061589	5.61E-04	4.18E-04	0.00E+00
3729	260720.8	4026756.78	0.00298784	5.47E-04	4.08E-04	0.00E+00
3730	260727.1	4026779.28	0.002906183	5.32E-04	3.97E-04	0.00E+00
3731	260733.3	4026801.78	0.002823362	5.17E-04	3.86E-04	0.00E+00
3732	260739.6	4026824.28	0.002736818	5.01E-04	3.74E-04	0.00E+00
3733	260745.9	4026846.78	0.002646553	4.85E-04	3.62E-04	0.00E+00
3734	260763.1	4026548.84	0.002798469	5.12E-04	3.82E-04	0.00E+00
3735	260769.3	4026571.34	0.002765201	5.06E-04	3.78E-04	0.00E+00
3736	260775.6	4026593.84	0.002727745	4.99E-04	3.73E-04	0.00E+00
3737	260781.9	4026616.34	0.002685171	4.92E-04	3.67E-04	0.00E+00
3738	260788.2	4026638.84	0.002637945	4.83E-04	3.61E-04	0.00E+00
3739	260794.5	4026661.34	0.002587461	4.74E-04	3.54E-04	0.00E+00
3740	260800.8	4026683.84	0.002532092	4.64E-04	3.46E-04	0.00E+00
3741	260807.1	4026706.34	0.002472303	4.53E-04	3.38E-04	0.00E+00
3742	260813.4	4026728.84	0.002408558	4.41E-04	3.29E-04	0.00E+00
3743	260826	4026773.84	0.002271531	4.16E-04	3.10E-04	0.00E+00
3744	260847	4026848.84	0.002026325	3.71E-04	2.77E-04	0.00E+00
3745	260935.8	4026447.97	0.002041447	3.74E-04	2.79E-04	0.00E+00
3746	260942	4026470.47	0.00201353	3.69E-04	2.75E-04	0.00E+00
3747	260948.3	4026492.97	0.001982355	3.63E-04	2.71E-04	0.00E+00
3748	260954.6	4026515.47	0.001949087	3.57E-04	2.66E-04	0.00E+00
3749	260960.9	4026537.97	0.001912795	3.50E-04	2.61E-04	0.00E+00
3750	260967.2	4026560.47	0.001874874	3.43E-04	2.56E-04	0.00E+00
3751	260973.5	4026582.97	0.001836953	3.36E-04	2.51E-04	0.00E+00
3752	260979.8	4026605.47	0.001796706	3.29E-04	2.46E-04	0.00E+00
3753	260986.1	4026627.97	0.0017539	3.21E-04	2.40E-04	0.00E+00

3754	260992.4	4026650.47	0.001709465	3.13E-04	2.34E-04	0.00E+00
3755	260998.7	4026672.97	0.001664099	3.05E-04	2.27E-04	0.00E+00
3756	261005	4026695.47	0.001616175	2.96E-04	2.21E-04	0.00E+00
3757	261011.3	4026717.98	0.001566854	2.87E-04	2.14E-04	0.00E+00
3758	261019.7	4026747.98	0.00149869	2.74E-04	2.05E-04	0.00E+00
3759	261108.5	4026347.13	0.001567785	2.87E-04	2.14E-04	0.00E+00
3760	261114.8	4026369.78	0.001546381	2.83E-04	2.11E-04	0.00E+00
3761	261121.1	4026392.44	0.00152428	2.79E-04	2.08E-04	0.00E+00
3762	261127.5	4026415.1	0.00149962	2.75E-04	2.05E-04	0.00E+00
3763	261133.8	4026437.76	0.001472866	2.70E-04	2.01E-04	0.00E+00
3764	261140.2	4026460.42	0.001444716	2.65E-04	1.97E-04	0.00E+00
3765	261146.5	4026483.08	0.001415636	2.59E-04	1.93E-04	0.00E+00
3766	261152.8	4026505.74	0.001385625	2.54E-04	1.89E-04	0.00E+00
3767	261159.2	4026528.4	0.001354916	2.48E-04	1.85E-04	0.00E+00
3768	261165.5	4026551.06	0.001323742	2.42E-04	1.81E-04	0.00E+00
3769	261171.8	4026573.72	0.001291869	2.37E-04	1.77E-04	0.00E+00
3770	261178.2	4026596.37	0.001259299	2.31E-04	1.72E-04	0.00E+00
3771	261184.5	4026619.03	0.001225333	2.24E-04	1.67E-04	0.00E+00
3772	261190.9	4026641.69	0.001191135	2.18E-04	1.63E-04	0.00E+00
3773	261197.2	4026664.35	0.001157169	2.12E-04	1.58E-04	0.00E+00
3774	261203.5	4026687.01	0.001123668	2.06E-04	1.54E-04	0.00E+00
3775	261209.9	4026709.67	0.001090865	2.00E-04	1.49E-04	0.00E+00
3776	261219.4	4026743.66	0.001039917	1.90E-04	1.42E-04	0.00E+00
3777	261281.2	4026246.25	0.001268605	2.32E-04	1.73E-04	0.00E+00
3778	261287.5	4026268.89	0.001249994	2.29E-04	1.71E-04	0.00E+00
3779	261293.8	4026291.52	0.001229288	2.25E-04	1.68E-04	0.00E+00
3780	261300.2	4026314.16	0.001207885	2.21E-04	1.65E-04	0.00E+00
3781	261306.5	4026336.79	0.001186482	2.17E-04	1.62E-04	0.00E+00
3782	261312.8	4026359.42	0.001165311	2.13E-04	1.59E-04	0.00E+00
3783	261319.1	4026382.06	0.001143676	2.09E-04	1.56E-04	0.00E+00
3784	261325.5	4026404.69	0.001121342	2.05E-04	1.53E-04	0.00E+00
3785	261331.8	4026427.33	0.00109831	2.01E-04	1.50E-04	0.00E+00
3786	261338.1	4026449.96	0.001075046	1.97E-04	1.47E-04	0.00E+00
3787	261344.5	4026472.6	0.001051083	1.92E-04	1.44E-04	0.00E+00
3788	261350.8	4026495.23	0.001027586	1.88E-04	1.40E-04	0.00E+00
3789	261357.1	4026517.87	0.001004787	1.84E-04	1.37E-04	0.00E+00
3790	261363.5	4026540.5	0.000980825	1.80E-04	1.34E-04	0.00E+00
3791	261369.8	4026563.14	0.000957096	1.75E-04	1.31E-04	0.00E+00
3792	261376.1	4026585.77	0.000930574	1.70E-04	1.27E-04	0.00E+00
3793	261382.5	4026608.4	0.00090382	1.65E-04	1.24E-04	0.00E+00
3794	261388.8	4026631.04	0.000879858	1.61E-04	1.20E-04	0.00E+00
3795	261395.1	4026653.67	0.000860316	1.58E-04	1.18E-04	0.00E+00
3796	261401.4	4026676.31	0.000839843	1.54E-04	1.15E-04	0.00E+00
3797	261407.8	4026698.94	0.000817044	1.50E-04	1.12E-04	0.00E+00
3798	261414.1	4026721.58	0.000794478	1.45E-04	1.09E-04	0.00E+00
3799	261420.4	4026744.21	0.000772376	1.41E-04	1.06E-04	0.00E+00
3800	261426.8	4026766.85	0.000750973	1.37E-04	1.03E-04	0.00E+00

3801	261433.1	4026789.48	0.000728639	1.33E-04	9.96E-05	0.00E+00
3802	261439.4	4026812.11	0.000707934	1.30E-04	9.68E-05	0.00E+00
3803	261445.8	4026834.75	0.000687462	1.26E-04	9.40E-05	0.00E+00
3804	261453.9	4026145.38	0.001057365	1.94E-04	1.45E-04	0.00E+00
3805	261460.2	4026168	0.001041312	1.91E-04	1.42E-04	0.00E+00
3806	261466.5	4026190.61	0.001025027	1.88E-04	1.40E-04	0.00E+00
3807	261472.8	4026213.23	0.00100851	1.85E-04	1.38E-04	0.00E+00
3808	261479.2	4026235.85	0.000990829	1.81E-04	1.35E-04	0.00E+00
3809	261485.5	4026258.46	0.00097245	1.78E-04	1.33E-04	0.00E+00
3810	261491.8	4026281.08	0.000954769	1.75E-04	1.30E-04	0.00E+00
3811	261498.1	4026303.7	0.000937553	1.72E-04	1.28E-04	0.00E+00
3812	261504.5	4026326.31	0.000920803	1.69E-04	1.26E-04	0.00E+00
3813	261510.8	4026348.93	0.000903122	1.65E-04	1.23E-04	0.00E+00
3814	261517.1	4026371.55	0.000885209	1.62E-04	1.21E-04	0.00E+00
3815	261523.4	4026394.16	0.00086776	1.59E-04	1.19E-04	0.00E+00
3816	261529.8	4026416.78	0.000849614	1.56E-04	1.16E-04	0.00E+00
3817	261536.1	4026439.39	0.000831003	1.52E-04	1.14E-04	0.00E+00
3818	261542.4	4026462.01	0.000813322	1.49E-04	1.11E-04	0.00E+00
3819	261548.7	4026484.63	0.000796804	1.46E-04	1.09E-04	0.00E+00
3820	261555.1	4026507.24	0.00078145	1.43E-04	1.07E-04	0.00E+00
3821	261561.4	4026529.86	0.000765165	1.40E-04	1.05E-04	0.00E+00
3822	261567.7	4026552.48	0.000748414	1.37E-04	1.02E-04	0.00E+00
3823	261574.1	4026575.09	0.000731431	1.34E-04	1.00E-04	0.00E+00
3824	261580.4	4026597.71	0.000714914	1.31E-04	9.77E-05	0.00E+00
3825	261586.7	4026620.33	0.000698163	1.28E-04	9.54E-05	0.00E+00
3826	261593	4026642.94	0.000681646	1.25E-04	9.32E-05	0.00E+00
3827	261599.4	4026665.56	0.000664895	1.22E-04	9.09E-05	0.00E+00
3828	261605.7	4026688.18	0.000648843	1.19E-04	8.87E-05	0.00E+00
3829	261612	4026710.79	0.00063279	1.16E-04	8.65E-05	0.00E+00
3830	261618.3	4026733.41	0.000617203	1.13E-04	8.44E-05	0.00E+00
3831	261624.7	4026756.03	0.000602081	1.10E-04	8.23E-05	0.00E+00
3832	261631	4026778.64	0.00058696	1.07E-04	8.02E-05	0.00E+00
3833	261637.3	4026801.26	0.000573001	1.05E-04	7.83E-05	0.00E+00
3834	261643.6	4026823.88	0.000559973	1.03E-04	7.65E-05	0.00E+00
3835	261650	4026846.49	0.000547178	1.00E-04	7.48E-05	0.00E+00
3836	260178.2	4026852.86	0.0244292	4.47E-03	3.34E-03	0.00E+00
3837	260186.1	4026829.14	0.0196714	3.60E-03	2.69E-03	0.00E+00
3838	260206.7	4026845.81	0.01985892	3.64E-03	2.71E-03	0.00E+00
3839	260187.2	4026799.87	0.01616361	2.96E-03	2.21E-03	0.00E+00
3840	260223.5	4026769.1	0.0128382	2.35E-03	1.75E-03	0.00E+00
3841	260244.1	4026785.76	0.01308992	2.40E-03	1.79E-03	0.00E+00
3842	260264.6	4026802.43	0.01288868	2.36E-03	1.76E-03	0.00E+00
3843	260226.1	4026710.93	0.009918291	1.82E-03	1.36E-03	0.00E+00
3844	260248	4026728.7	0.01040033	1.90E-03	1.42E-03	0.00E+00
3845	260299.4	4026710.19	0.00893165	1.64E-03	1.22E-03	0.00E+00
3846	260321	4026727.73	0.008907455	1.63E-03	1.22E-03	0.00E+00
3847	260342.6	4026745.27	0.008700868	1.59E-03	1.19E-03	0.00E+00

3848	260257.6	4026615.93	0.006910443	1.27E-03	9.44E-04	0.00E+00
3849	260279	4026633.32	0.007233585	1.32E-03	9.89E-04	0.00E+00
3850	260300.4	4026650.7	0.007490889	1.37E-03	1.02E-03	0.00E+00
3851	260321.8	4026668.09	0.007646062	1.40E-03	1.04E-03	0.00E+00
3852	260343.2	4026685.48	0.007680028	1.41E-03	1.05E-03	0.00E+00
3853	260333.1	4026556.74	0.005645328	1.03E-03	7.72E-04	0.00E+00
3854	260355	4026574.51	0.005799803	1.06E-03	7.93E-04	0.00E+00
3855	260376.9	4026592.29	0.00589984	1.08E-03	8.06E-04	0.00E+00
3856	260398.8	4026610.06	0.005935667	1.09E-03	8.11E-04	0.00E+00
3857	260420.7	4026627.83	0.005902631	1.08E-03	8.07E-04	0.00E+00
3858	260442.6	4026645.61	0.005803758	1.06E-03	7.93E-04	0.00E+00
3859	260464.5	4026663.38	0.005647189	1.03E-03	7.72E-04	0.00E+00
3860	260486.4	4026681.15	0.005446185	9.97E-04	7.44E-04	0.00E+00
3861	260320.9	4026426.24	0.004130586	7.56E-04	5.65E-04	0.00E+00
3862	260342.5	4026443.78	0.00429111	7.86E-04	5.86E-04	0.00E+00
3863	260364.1	4026461.32	0.004436977	8.12E-04	6.06E-04	0.00E+00
3864	260385.7	4026478.86	0.004564931	8.36E-04	6.24E-04	0.00E+00
3865	260407.3	4026496.4	0.004669155	8.55E-04	6.38E-04	0.00E+00
3866	260428.9	4026513.94	0.004742671	8.68E-04	6.48E-04	0.00E+00
3867	260450.5	4026531.48	0.004778498	8.75E-04	6.53E-04	0.00E+00
3868	260472.1	4026549.02	0.004775473	8.74E-04	6.53E-04	0.00E+00
3869	260572.9	4026630.87	0.004281338	7.84E-04	5.85E-04	0.00E+00
3870	260352.6	4026331.45	0.003357744	6.15E-04	4.59E-04	0.00E+00
3871	260374.5	4026349.23	0.003487094	6.38E-04	4.77E-04	0.00E+00
3872	260396.4	4026367	0.003607138	6.60E-04	4.93E-04	0.00E+00
3873	260484	4026438.1	0.003938189	7.21E-04	5.38E-04	0.00E+00
3874	260505.8	4026455.87	0.003967735	7.26E-04	5.42E-04	0.00E+00
3875	260527.7	4026473.64	0.003971225	7.27E-04	5.43E-04	0.00E+00
3876	260549.6	4026491.42	0.003947263	7.23E-04	5.39E-04	0.00E+00
3877	260571.5	4026509.19	0.00389422	7.13E-04	5.32E-04	0.00E+00
3878	260593.4	4026526.96	0.003818611	6.99E-04	5.22E-04	0.00E+00
3879	260615.3	4026544.74	0.003717876	6.81E-04	5.08E-04	0.00E+00
3880	260637.2	4026562.51	0.003594808	6.58E-04	4.91E-04	0.00E+00
3881	260659.1	4026580.28	0.003463597	6.34E-04	4.73E-04	0.00E+00
3882	260384.2	4026236.53	0.002784045	5.10E-04	3.80E-04	0.00E+00
3883	260405.8	4026254.14	0.0028892	5.29E-04	3.95E-04	0.00E+00
3884	260427.5	4026271.74	0.002989469	5.47E-04	4.09E-04	0.00E+00
3885	260449.2	4026289.35	0.003082526	5.64E-04	4.21E-04	0.00E+00
3886	260470.9	4026306.95	0.003165348	5.80E-04	4.33E-04	0.00E+00
3887	260492.6	4026324.56	0.003237467	5.93E-04	4.42E-04	0.00E+00
3888	260514.3	4026342.17	0.003296326	6.04E-04	4.50E-04	0.00E+00
3889	260536	4026359.77	0.003340063	6.12E-04	4.56E-04	0.00E+00
3890	260557.6	4026377.38	0.00336705	6.16E-04	4.60E-04	0.00E+00
3891	260579.3	4026394.98	0.003376821	6.18E-04	4.61E-04	0.00E+00
3892	260601	4026412.59	0.003367747	6.17E-04	4.60E-04	0.00E+00
3893	260622.7	4026430.19	0.003339597	6.11E-04	4.56E-04	0.00E+00
3894	260644.4	4026447.8	0.003292836	6.03E-04	4.50E-04	0.00E+00

3895	260709.4	4026500.62	0.003059495	5.60E-04	4.18E-04	0.00E+00
3896	260731.1	4026518.22	0.002958993	5.42E-04	4.04E-04	0.00E+00
3897	260447.4	4026046.81	0.002000269	3.66E-04	2.73E-04	0.00E+00
3898	260469.2	4026064.45	0.002077274	3.80E-04	2.84E-04	0.00E+00
3899	260505.4	4026093.85	0.002198714	4.03E-04	3.00E-04	0.00E+00
3900	260548.8	4026129.14	0.002331553	4.27E-04	3.19E-04	0.00E+00
3901	260570.6	4026146.78	0.002389714	4.38E-04	3.27E-04	0.00E+00
3902	260592.3	4026164.42	0.002440896	4.47E-04	3.34E-04	0.00E+00
3903	260614	4026182.07	0.002483237	4.55E-04	3.39E-04	0.00E+00
3904	260635.7	4026199.71	0.002517435	4.61E-04	3.44E-04	0.00E+00
3905	260657.5	4026217.35	0.002543492	4.66E-04	3.48E-04	0.00E+00
3906	260679.2	4026235	0.002558613	4.68E-04	3.50E-04	0.00E+00
3907	260700.9	4026252.64	0.002563033	4.69E-04	3.50E-04	0.00E+00
3908	260722.7	4026270.28	0.002557915	4.68E-04	3.50E-04	0.00E+00
3909	260744.4	4026287.92	0.002543026	4.66E-04	3.48E-04	0.00E+00
3910	260766.1	4026305.57	0.002517203	4.61E-04	3.44E-04	0.00E+00
3911	260860.3	4026382.02	0.002297587	4.21E-04	3.14E-04	0.00E+00
3912	260882	4026399.66	0.00222826	4.08E-04	3.05E-04	0.00E+00
3913	260903.8	4026417.3	0.002155675	3.95E-04	2.95E-04	0.00E+00
3914	260510.7	4025857.08	0.001510554	2.77E-04	2.06E-04	0.00E+00
3915	260532.4	4025874.74	0.001562434	2.86E-04	2.14E-04	0.00E+00
3916	260554.2	4025892.41	0.001618501	2.96E-04	2.21E-04	0.00E+00
3917	260576	4025910.08	0.001674568	3.07E-04	2.29E-04	0.00E+00
3918	260699.3	4026010.19	0.001937921	3.55E-04	2.65E-04	0.00E+00
3919	260721	4026027.85	0.001970956	3.61E-04	2.69E-04	0.00E+00
3920	260742.8	4026045.52	0.00199771	3.66E-04	2.73E-04	0.00E+00
3921	260764.5	4026063.19	0.002018415	3.70E-04	2.76E-04	0.00E+00
3922	260786.3	4026080.85	0.002032606	3.72E-04	2.78E-04	0.00E+00
3923	260808.1	4026098.52	0.002040051	3.74E-04	2.79E-04	0.00E+00
3924	260829.8	4026116.18	0.002041912	3.74E-04	2.79E-04	0.00E+00
3925	260851.6	4026133.85	0.002037724	3.73E-04	2.78E-04	0.00E+00
3926	260873.3	4026151.52	0.00202679	3.71E-04	2.77E-04	0.00E+00
3927	260895.1	4026169.18	0.002009575	3.68E-04	2.75E-04	0.00E+00
3928	260916.8	4026186.85	0.00198538	3.64E-04	2.71E-04	0.00E+00
3929	261011.1	4026263.4	0.001816946	3.33E-04	2.48E-04	0.00E+00
3930	261032.9	4026281.07	0.001766695	3.23E-04	2.41E-04	0.00E+00
3931	261054.7	4026298.74	0.001713652	3.14E-04	2.34E-04	0.00E+00
3932	261076.4	4026316.4	0.001657585	3.03E-04	2.27E-04	0.00E+00
3933	260573.9	4025667.35	0.001188343	2.18E-04	1.62E-04	0.00E+00
3934	260595.7	4025685.03	0.001229521	2.25E-04	1.68E-04	0.00E+00
3935	260617.5	4025702.71	0.001270699	2.33E-04	1.74E-04	0.00E+00
3936	260639.3	4025720.39	0.001312342	2.40E-04	1.79E-04	0.00E+00
3937	260661	4025738.08	0.001351891	2.48E-04	1.85E-04	0.00E+00
3938	260769.9	4025826.49	0.001539635	2.82E-04	2.10E-04	0.00E+00
3939	260849.8	4025891.33	0.001639206	3.00E-04	2.24E-04	0.00E+00
3940	260871.6	4025909.01	0.001656887	3.03E-04	2.26E-04	0.00E+00
3941	260893.4	4025926.69	0.00167038	3.06E-04	2.28E-04	0.00E+00

3942	260915.1	4025944.38	0.001680151	3.08E-04	2.30E-04	0.00E+00
3943	260936.9	4025962.06	0.00168527	3.09E-04	2.30E-04	0.00E+00
3944	260958.7	4025979.74	0.001685735	3.09E-04	2.30E-04	0.00E+00
3945	260980.5	4025997.43	0.001681547	3.08E-04	2.30E-04	0.00E+00
3946	261002.3	4026015.11	0.00167294	3.06E-04	2.29E-04	0.00E+00
3947	261024	4026032.79	0.001661075	3.04E-04	2.27E-04	0.00E+00
3948	261045.8	4026050.47	0.001644324	3.01E-04	2.25E-04	0.00E+00
3949	261067.6	4026068.16	0.001623386	2.97E-04	2.22E-04	0.00E+00
3950	261089.4	4026085.84	0.001598494	2.93E-04	2.18E-04	0.00E+00
3951	261111.2	4026103.52	0.001569878	2.87E-04	2.15E-04	0.00E+00
3952	261132.9	4026121.2	0.001538006	2.82E-04	2.10E-04	0.00E+00
3953	261154.7	4026138.89	0.001503575	2.75E-04	2.05E-04	0.00E+00
3954	261176.5	4026156.57	0.001466585	2.69E-04	2.00E-04	0.00E+00
3955	261198.3	4026174.25	0.001427966	2.61E-04	1.95E-04	0.00E+00
3956	261220	4026191.94	0.001387719	2.54E-04	1.90E-04	0.00E+00
3957	261241.8	4026209.62	0.001345843	2.46E-04	1.84E-04	0.00E+00
3958	261263.6	4026227.3	0.001303967	2.39E-04	1.78E-04	0.00E+00
3959	260637.2	4025477.61	0.00096454	1.77E-04	1.32E-04	0.00E+00
3960	260659	4025495.31	0.000995947	1.82E-04	1.36E-04	0.00E+00
3961	260680.8	4025513	0.001028052	1.88E-04	1.40E-04	0.00E+00
3962	260702.6	4025530.7	0.001060854	1.94E-04	1.45E-04	0.00E+00
3963	260724.4	4025548.39	0.001093425	2.00E-04	1.49E-04	0.00E+00
3964	260746.2	4025566.09	0.001124599	2.06E-04	1.54E-04	0.00E+00
3965	260767.9	4025583.78	0.001155075	2.11E-04	1.58E-04	0.00E+00
3966	260789.7	4025601.48	0.001185086	2.17E-04	1.62E-04	0.00E+00
3967	260811.5	4025619.17	0.001215097	2.22E-04	1.66E-04	0.00E+00
3968	260833.3	4025636.87	0.001244177	2.28E-04	1.70E-04	0.00E+00
3969	260855.1	4025654.56	0.001272095	2.33E-04	1.74E-04	0.00E+00
3970	260876.9	4025672.26	0.001299081	2.38E-04	1.78E-04	0.00E+00
3971	260898.7	4025689.95	0.001324672	2.43E-04	1.81E-04	0.00E+00
3972	260920.5	4025707.65	0.001347936	2.47E-04	1.84E-04	0.00E+00
3973	260942.3	4025725.34	0.001367711	2.50E-04	1.87E-04	0.00E+00
3974	260964.1	4025743.04	0.001384927	2.54E-04	1.89E-04	0.00E+00
3975	260985.9	4025760.73	0.001399118	2.56E-04	1.91E-04	0.00E+00
3976	261007.7	4025778.43	0.001410285	2.58E-04	1.93E-04	0.00E+00
3977	261029.5	4025796.12	0.001418893	2.60E-04	1.94E-04	0.00E+00
3978	261051.3	4025813.82	0.001426803	2.61E-04	1.95E-04	0.00E+00
3979	261073.1	4025831.51	0.001429827	2.62E-04	1.95E-04	0.00E+00
3980	261094.9	4025849.21	0.001428664	2.62E-04	1.95E-04	0.00E+00
3981	261116.7	4025866.9	0.001424476	2.61E-04	1.95E-04	0.00E+00
3982	261138.4	4025884.59	0.001417264	2.59E-04	1.94E-04	0.00E+00
3983	261160.2	4025902.29	0.001408191	2.58E-04	1.92E-04	0.00E+00
3984	261182	4025919.98	0.001394931	2.55E-04	1.91E-04	0.00E+00
3985	261203.8	4025937.68	0.001379343	2.53E-04	1.89E-04	0.00E+00
3986	261225.6	4025955.37	0.001360499	2.49E-04	1.86E-04	0.00E+00
3987	261247.4	4025973.07	0.001338863	2.45E-04	1.83E-04	0.00E+00
3988	261269.2	4025990.76	0.001314901	2.41E-04	1.80E-04	0.00E+00

3989	261291	4026008.46	0.001288612	2.36E-04	1.76E-04	0.00E+00
3990	261312.8	4026026.15	0.001260463	2.31E-04	1.72E-04	0.00E+00
3991	261334.6	4026043.85	0.001230684	2.25E-04	1.68E-04	0.00E+00
3992	261356.4	4026061.54	0.001200673	2.20E-04	1.64E-04	0.00E+00
3993	261378.2	4026079.24	0.001170662	2.14E-04	1.60E-04	0.00E+00
3994	261400	4026096.93	0.001139023	2.09E-04	1.56E-04	0.00E+00
3995	261421.8	4026114.63	0.00110622	2.03E-04	1.51E-04	0.00E+00
3996	259786.7	4026922.81	0.03212202	5.88E-03	4.39E-03	0.00E+00
3997	259785.2	4026946.18	0.03446172	6.31E-03	4.71E-03	0.00E+00
3998	259786.2	4026967.32	0.03622911	6.63E-03	4.95E-03	0.00E+00
3999	259787.5	4026993.13	0.03995629	7.32E-03	5.46E-03	0.00E+00
4000	259786.9	4027016.7	0.04635492	8.49E-03	6.34E-03	0.00E+00

KW	BHP
1500	2012

$P_{(hp)} = 100 \text{ kW} / \ 0.745699872 = 134.102 \text{ hp}$

# of Units	BHP	Hr/Year	gr/bhp-hr	g/year	lbs/year
1	2682	24	0.01	643.6906	1.419071
1	2012	24	0.01	482.88	1.06455

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	PM2.5_RUNEX	PM10_RUNEX
San Bernardino	2024	HHDT	Aggregate	5	Diesel	0.011565138	0.012088062
San Bernardino	2024	HHDT	Aggregate	10	Diesel	0.011194969	0.011701156
San Bernardino	2024	HHDT	Aggregate	15	Diesel	0.008744462	0.009139848
					Average	0.010501523	0.010976355
San Bernardino	2024	LDT1	Aggregate	5	Diesel	0.989240237	1.033969291
San Bernardino	2024	LDT1	Aggregate	10	Diesel	0.675824786	0.706382583
San Bernardino	2024	LDT1	Aggregate	15	Diesel	0.490762276	0.512952368
San Bernardino	2024	LDT2	Aggregate	5	Diesel	0.015536399	0.016238886
San Bernardino	2024	LDT2	Aggregate	10	Diesel	0.012223083	0.012775757
San Bernardino	2024	LDT2	Aggregate	15	Diesel	0.009945228	0.010394907
					Average	0.365588668	0.382118965
San Bernardino	2024	MHDT	Aggregate	5	Diesel	0.032569873	0.034042538
San Bernardino	2024	MHDT	Aggregate	10	Diesel	0.025986547	0.027161544
San Bernardino	2024	MHDT	Aggregate	15	Diesel	0.017076185	0.017848294
					Average	0.025210868	0.026350792

Source: EMFAC2021 (v1.0.2) Emission Rates
Region Type: County
Region: San Bernardino
Calendar Year: 2024
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, g/mile for RUNEX, PMBW and PMTW, mph for Speed, kWh/mile for Energy Consumption, gallon/mile for Fuel Consumption. PHEV calculated based on total VMT.

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX	CO2_RUNEX	CH4_RUNEX	N2O_RUNEX	ROG_RUNEX	TOG_RUNEX	CO_RUNEX	SOx_RUNEX	NH3_RUNEX	PM10_PMBW	PM2.5_PMBW	Fuel Consu	Energy Consumption
San Bernardino	2024	HHDT	Aggregate	5	Diesel	20.55	20.55337004	0	11.05847562	0.011565138	0.012088062	3076.293505	0.005742093	0.484671294	0.123625687	0.140738435	1.147396314	0.02913066	0.218767	0.137524	0.048133	0.30292	0
San Bernardino	2024	HHDT	Aggregate	10	Diesel	360.2	360.1635112	0	8.245010184	0.011194969	0.011701156	2794.59562	0.003493283	0.440289678	0.075209415	0.085620194	0.711183774	0.026463149	0.213824	0.139282	0.048749	0.275181	0
San Bernardino	2024	HHDT	Aggregate	15	Diesel	863.8	863.7631768	0	5.417974186	0.008744462	0.009139848	2299.269783	0.001771539	0.362250891	0.038140743	0.043420332	0.396857535	0.02177271	0.214131	0.137357	0.048075	0.226407	0
San Bernardino	2024	LDA	Aggregate	5	Diesel	10.18	10.18274501	0	0.281177537	0.071772124	0.075017341	603.6639859	0.013432514	0.095107507	0.289194128	0.329228288	4.429922519	0.005720023	0.0031	0.00607	0.002124	0.059442	0
San Bernardino	2024	LDA	Aggregate	10	Diesel	64.82	64.81666426	0	0.239662077	0.045008287	0.047043362	498.4077074	0.009469453	0.078524337	0.203871755	0.232094439	3.288613674	0.004722666	0.0031	0.007494	0.002623	0.049078	0
San Bernardino	2024	LDA	Aggregate	15	Diesel	161.5	161.4918013	0	0.205951314	0.033221303	0.034723423	409.4362629	0.005178581	0.06450685	0.111491808	0.126926011	1.679982599	0.003879617	0.0031	0.008918	0.003121	0.040317	0
San Bernardino	2024	LDT1	Aggregate	5	Diesel	0.062	0.062329908	0	1.115068791	0.989240237	1.033969291	1051.78052	0.058465553	0.165708449	1.258728936	1.432979208	4.802901937	0.009966155	0.0031	0.009743	0.00341	0.103568	0
San Bernardino	2024	LDT1	Aggregate	10	Diesel	0.328	0.328280501	0	1.141392714	0.675824786	0.706382583	879.6055595	0.040387184	0.138582214	0.869512301	0.989881946	3.483026698	0.00833471	0.0031	0.012105	0.004237	0.086614	0
San Bernardino	2024	LDT1	Aggregate	15	Diesel	0.795	0.794755093	0	1.193096606	0.490762276	0.512952368	728.533143	0.029338109	0.114780693	0.631632204	0.719071271	2.606164351	0.006903222	0.0031	0.014489	0.005071	0.071738	0
San Bernardino	2024	LDT2	Aggregate	5	Diesel	5.781	5.780713311	0	0.168209395	0.015536399	0.016238886	770.2674895	0.012322761	0.121355957	0.26530179	0.30202845	2.533365142	0.007298676	0.0031	0.008004	0.002802	0.075847	0
San Bernardino	2024	LDT2	Aggregate	10	Diesel	38.59	38.59126133	0	0.141334908	0.012223083	0.012775757	643.086339	0.009131991	0.101318515	0.196606385	0.223823298	1.854533263	0.00609357	0.0031	0.009895	0.003463	0.063324	0
San Bernardino	2024	LDT2	Aggregate	15	Diesel	96.76	96.75797075	0	0.101404044	0.009945228	0.010394907	532.6593477	0.004526247	0.083920697	0.097447423	0.110937413	0.912236324	0.005047218	0.0031	0.011837	0.004143	0.05245	0
San Bernardino	2024	LHDT1	Aggregate	5	Diesel	10.05	10.05351686	0	2.625959943	0.107062208	0.111903086	1194.05254	0.022626272	0.188123464	0.487130315	0.554565477	1.565507956	0.011314255	0.154235	0.078	0.0273	0.117577	0
San Bernardino	2024	LHDT1	Aggregate	10	Diesel	151	151.0037901	0	2.241636981	0.080686677	0.08433497	1030.253306	0.017153198	0.162316828	0.36929826	0.420421516	1.14848051	0.009762174	0.160593	0.078	0.0273	0.101448	0
San Bernardino	2024	LHDT1	Aggregate	15	Diesel	406	406.0320882	0	2.039613111	0.06497044	0.067908115	865.1351526	0.013951334	0.136302396	0.300364002	0.341944447	0.902026452	0.008197595	0.16226	0.078	0.0273	0.085189	0
San Bernardino	2024	LHDT2	Aggregate	5	Diesel	4.403	4.403355673	0	2.294819552	0.091933802	0.096090641	1420.074275	0.019224368	0.22373328	0.41388933	0.471185485	1.313481136	0.013455925	0.169846	0.091	0.03185	0.139833	0
San Bernardino	2024	LHDT2	Aggregate	10	Diesel	65.24	65.23609461	0	1.965001653	0.072717207	0.076005157	1231.727147	0.015411398	0.194059114	0.331798321	0.37773033	1.010467066	0.011671241	0.173215	0.091	0.03185	0.121287	0
San Bernardino	2024	LHDT2	Aggregate	15	Diesel	174.8	174.7762188	0	1.757012842	0.059710324	0.062410159	1049.6505	0.01286676	0.165372864	0.277013777	0.315361768	0.807727483	0.009945972	0.174114	0.091	0.03185	0.103358	0
San Bernardino	2024	MHDT	Aggregate	5	Diesel	63.72	63.7196644	0	3.289700857	0.032569873	0.034042538	2410.410956	0.008336883	0.379761228	0.179490809	0.204336623	0.470832404	0.02282515	0.215256	0.061496	0.021524	0.237351	0
San Bernardino	2024	MHDT	Aggregate	10	Diesel	2294	2293.79086	0	2.483978743	0.025986547	0.027161544	1997.307216	0.005547204	0.314676565	0.119429783	0.135961717	0.327631472	0.018913305	0.215426	0.061496	0.021524	0.196673	0
San Bernardino	2024	MHDT	Aggregate	15	Diesel	2014	2014.337503	0	1.740762394	0.017076185	0.017848294	1570.574498	0.002806433	0.247444652	0.060421742	0.068785554	0.206938365	0.014872401	0.215072	0.061496	0.021524	0.154653	0

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	Population	Total VMT	CVMT	Diesel %	Trips	PM2.5_RUNEX	PM10_RUNEX	TOG_RUNEX	TOG_RUNLOSS
San Bernardino	2024	LDA	Aggregate	Aggregate	Gasoline	768865.9289	33024787.61	33024787.61	0%	3568324.635	0.001173493	0.00127628	0.012934215	0.232343076
San Bernardino	2024	LDA	Aggregate	Aggregate	Diesel	2082.571633	71739.62549	71739.62549	63%	8899.208594	0.016882337	0.017645682	0.030910941	0
							33096527.24	67.3%						
San Bernardino	2024	LDT1	Aggregate	Aggregate	Gasoline	71959.12939	2460565.057	2460565.057	0%	309662.07	0.002064499	0.00224527	0.060674402	0.721597526
San Bernardino	2024	LDT1	Aggregate	Aggregate	Diesel	26.71801826	374.0512762	374.0512762	0.3%	76.14596219	0.239547171	0.250378431	0.348963609	0
San Bernardino	2024	LDT2	Aggregate	Aggregate	Gasoline	330380.251	13590073.66	13590073.66	0%	1543019.585	0.001197678	0.001302579	0.017919217	0.244850621
San Bernardino	2024	LDT2	Aggregate	Aggregate	Diesel	956.1891951	42432.4165	42432.4165	37%	4611.071679	0.004976206	0.005201208	0.013976167	0
							16093445.18	32.7%	114546			Gasoline Avg EF	0.030509278	0.399597074
								Diesel Wt EF	0.013795746					

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	Population	Total VMT	CVMT	Trips	PM2.5_RUNEX	PM2.5_IDLEX	PM10_RUNEX	PM10_IDLEX
San Bernardino	2024	HHDT	Aggregate	Aggregate	Diesel	27173.91352	4430763.767	4430763.767	485811.7149	0.030334013	0.037015464	0.031705582	0.038689139
San Bernardino	2024	MHDT	Aggregate	Aggregate	Diesel	17660.92816	809994.4973	809994.4973	219343.2888	0.01022919	0.020016746	0.010691708	0.020921814
San Bernardino	2024	LHDT1	Aggregate	Aggregate	Diesel	22449.99827	845078.5311	845078.5311	282392.7362	0.027876037	0.026461321	0.029136468	0.027657785
San Bernardino	2024	LHDT2	Aggregate	Aggregate	Diesel	9557.327727	367558.7935	367558.7935	120219.1597	0.024696826	0.026315952	0.025813507	0.027505843
									Average	0.026286432	0.026388637	0.027474987	0.027581814

Source: EMFAC2021 (v1.0.2) Emission Rates
Region Type: County
Region: San Bernardino
Calendar Year: 2050
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HOTSOAK and RUNLOSS, g/vehicle/day for IDLEX and DIURN. PHEV calculated based on total VMT.

Region	Calendar Year	Vehicle Class	Fuel	Population	Total VMT	VMT	Trips	NOx_RUNEX	NOx_IDLEX	NOx_STREX	PM10_RUNEX	PM10_IDLEX	PM10_STREX	PM25_RUNEX	PM25_PMBW	PM25_PMTW	PM25_RUNEX	CO2_RUNEX	CO2_IDLEX	CO2_STREX	CH4_RUNEX	CH4_IDLEX	CH4_STREX	Dia_STREX	H2O_RUNEX	H2O_IDLEX	H2O_STREX	R2D2_RUNEX	R2D2_IDLEX	R2D2_STREX	R2D2_HOTSOAK	R2D2_RUNLOSS	R2D2_DIURN	TOG_RUNEX	TOG_IDLEX	TOG_STREX	TOG_HOTSOAK	TOG_RUNLOSS	TOG_DIURN	TOG_STREX	MeOH_RUNEX	EE_RUNEX	EE_IDLEX	EE_STREX	SOx_RUNEX	SOx_IDLEX	SOx_STREX
San Bernardino	2050	HHDT	Diesel	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
San Bernardino	2050	HHDT	Aggregate	Aggregate	1767565	16599151.707	6439761.707	0	68581.7169	1.42597941	68.49100366	3.98611410	0.038724813	0.037551644	0	0.000988059	0.037381437	0.032378582	0.030883139	0	0.000918556	0.072560892	2.856.16422	17.661.69151	0	0.140124828	2.749329272	0	0.142.89016	2.891.09172	0	0.000.0.0	0	0.141.87263	0.488.80758	0	0.009.99016	0	0.170.99149	0.455.0.56	188.1.09.816	0	0.014.79272	0.140.61116	0	0.014.79272
San Bernardino	2050	LDA	Aggregate	Aggregate	788857.9	15004787.61	3926787.61	0	35482.41675	0.801175455	0	0.106.91858	0.002.91126	0.002.57528	0	0.000.0.128	0.000.0.0.0	0.000.0.0.0	0.000.0.0.0	0	0.000.0.0.0	0.000.0.0.0	285.7.0.0.0.1	0	0.000.0.0.0	0.000.0.0.0	0	0.000.0.0.0	0.000.0.0.0	0	0.000.0.0.0	0.000.0.0.0	0	0.000.0.0.0	0.000.0.0.0	0	0.000.0.0.0	0.000.0.0.0	0	0.000.0.0.0	0.000.0.0.0	0	0.000.0.0.0	0.000.0.0.0	0	0.000.0.0.0	0.000.0.0.0	0	0.000.0.0.0
San Bernardino	2050	LDT1	Aggregate	Aggregate	1.0.0.0.0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0
San Bernardino	2050	LDT2	Aggregate	Aggregate	1.0.0.0.0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0
San Bernardino	2050	LDT2	Aggregate	Aggregate	1.0.0.0.0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0
San Bernardino	2050	LHDT1	Aggregate	Aggregate	1.0.0.0.0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0	0.0.0.0.0	0	0.0.0.0.0
San Bernardino	2050	LHDT2

HARP2 - HRACalc (dated 22118) 7/6/2024 11:50:35 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 1
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 1
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_School_Year1_CancerRisk.csv
Cancer risk total by receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_School_Year1_CancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_School_Year1_NCChronicRisk.csv
Chronic risk total by receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_School_Year1_NCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_School_Year1_NCAcuteRisk.csv
Acute risk total by receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_School_Year1_NCAcuteRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 7/6/2024 11:48:30 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 2
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 1
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_School_Year2_CancerRisk.csv
Cancer risk total by receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_School_Year2_CancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_School_Year2_NCChronicRisk.csv
Chronic risk total by receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_School_Year2_NCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_School_Year2_NCAcuteRisk.csv
Acute risk total by receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_School_Year2_NCAcuteRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 7/6/2024 11:34:25 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 3
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 1
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_School_Year3_CancerRisk.csv
Cancer risk total by receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_School_Year3_CancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_School_Year3_NCChronicRisk.csv
Chronic risk total by receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_School_Year3_NCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_School_Year3_NCAcuteRisk.csv
Acute risk total by receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_School_Year3_NCAcuteRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 7/6/2024 11:52:28 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 1
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: ON
16 years to 70 years: ON

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_Sensitive_Year1_CancerRisk.csv
Cancer risk total by receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_Sensitive_Year1_CancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_Sensitive_Year1_NCChronicRisk.csv
Chronic risk total by receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_Sensitive_Year1_NCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_Sensitive_Year1_NCAcuteRisk.csv
Acute risk total by receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_Sensitive_Year1_NCAcuteRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 7/6/2024 11:46:39 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 1
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 1
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: ON
16 years to 70 years: ON

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_Sensitive_Year2_CancerRisk.csv
Cancer risk total by receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_Sensitive_Year2_CancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_Sensitive_Year2_NCChronicRisk.csv
Chronic risk total by receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_Sensitive_Year2_NCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_Sensitive_Year2_NCAcuteRisk.csv
Acute risk total by receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_Sensitive_Year2_NCAcuteRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 7/6/2024 11:32:13 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 2
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 1
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: ON
16 years to 70 years: ON

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_Sensitive_Year3_CancerRisk.csv
Cancer risk total by receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_Sensitive_Year3_CancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_Sensitive_Year3_NCChronicRisk.csv
Chronic risk total by receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_Sensitive_Year3_NCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_Sensitive_Year3_NCAcuteRisk.csv
Acute risk total by receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_Sensitive_Year3_NCAcuteRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 7/6/2024 11:54:27 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Worker
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 16
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 1
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: Moderate8HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_Worker_Year1_CancerRisk.csv
Cancer risk total by receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_Worker_Year1_CancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_Worker_Year1_NCChronicRisk.csv
Chronic risk total by receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_Worker_Year1_NCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_Worker_Year1_NCAcuteRisk.csv
Acute risk total by receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_Worker_Year1_NCAcuteRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 7/6/2024 11:43:30 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Worker
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 17
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 1
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: Moderate8HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_Worker_Year2_CancerRisk.csv
Cancer risk total by receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_Worker_Year2_CancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_Worker_Year2_NCChronicRisk.csv
Chronic risk total by receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_Worker_Year2_NCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_Worker_Year2_NCAcuteRisk.csv
Acute risk total by receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_Worker_Year2_NCAcuteRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 7/6/2024 11:40:40 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Worker
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 18
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 1
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: Moderate8HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_Worker_Year3_CancerRisk.csv
Cancer risk total by receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_Worker_Year3_CancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_Worker_Year3_NCChronicRisk.csv
Chronic risk total by receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_Worker_Year3_NCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_Worker_Year3_NCAcuteRisk.csv
Acute risk total by receptor saved to: D:\LSA\2024\20241686 Hanford Neves\HARP_CONST\hra\Const_Worker_Year3_NCAcuteRiskSumByRec.csv
HRA ran successfully

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 7/4/2024
** File: D:\LSA\2024\20241686 Hanford Neves\Construction\Construction.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE D:\LSA\2024\20241686 Hanford Neves\Construction\Construction.isc
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   POLLUTID OTHER
   RUNORNOT RUN
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION PHASE4       AREAPOLY   259969.141  4027690.852       77.230
   LOCATION PHASE3A      AREAPOLY   259968.573  4027691.499       77.230
   LOCATION PHASE2A      AREAPOLY   259365.596  4027413.134       75.060
   LOCATION PHASE3B      AREAPOLY   260159.332  4027107.907       77.000
   LOCATION PHASE2B      AREAPOLY   260158.947  4027108.413       77.000
   LOCATION PHASE1       AREAPOLY   260006.579  4027354.113       79.890
** Source Parameters **
   SRCPARAM PHASE4       1.8378E-06     3.048        13
   AREAVERT PHASE4       259969.141 4027690.852 259970.101 4027645.464
   AREAVERT PHASE4       259966.158 4027645.881 259965.562 4027566.179
   AREAVERT PHASE4       259957.807 4027566.179 259957.807 4027515.733
   AREAVERT PHASE4       260026.096 4027514.540 260044.899 4027516.071
   AREAVERT PHASE4       260043.110 4027434.944 260109.920 4027433.154
   AREAVERT PHASE4       260127.816 4027426.592 260164.801 4027425.996
   AREAVERT PHASE4       260167.783 4027684.291
   SRCPARAM PHASE3A      1.8378E-06     3.048        30
   AREAVERT PHASE3A      259968.573 4027691.499 259968.261 4027646.658
```

```
AREAVERT PHASE3A      259965.459 4027646.970 259964.525 4027566.630
AREAVERT PHASE3A      259957.363 4027566.630 259957.051 4027515.873
AREAVERT PHASE3A      259909.096 4027517.430 259874.220 4027515.250
AREAVERT PHASE3A      259854.914 4027514.004 259836.230 4027513.070
AREAVERT PHASE3A      259821.283 4027511.825 259803.222 4027510.890
AREAVERT PHASE3A      259734.093 4027510.890 259711.672 4027505.908
AREAVERT PHASE3A      259721.326 4027475.703 259724.440 4027466.050
AREAVERT PHASE3A      259729.733 4027454.840 259735.338 4027445.498
AREAVERT PHASE3A      259692.677 4027416.849 259688.318 4027417.472
AREAVERT PHASE3A      259673.994 4027415.292 259500.858 4027419.652
AREAVERT PHASE3A      259407.129 4027422.455 259406.506 4027411.556
AREAVERT PHASE3A      259365.713 4027413.113 259369.761 4027512.447
AREAVERT PHASE3A      259612.338 4027506.842 259617.631 4027704.578
AREAVERT PHASE3A      259741.878 4027697.727 259889.167 4027689.631
SRCPARAM PHASE2A      1.8378E-06     3.048        82
AREAVERT PHASE2A      259365.596 4027413.134 259362.896 4027195.789
AREAVERT PHASE2A      259361.096 4027101.291 259359.746 4027085.766
AREAVERT PHASE2A      259355.696 4027038.067 259454.469 4027036.492
AREAVERT PHASE2A      259455.594 4027074.966 259449.744 4027094.091
AREAVERT PHASE2A      259451.319 4027130.315 259555.717 4027127.840
AREAVERT PHASE2A      259556.842 4027164.289 259552.567 4027164.289
AREAVERT PHASE2A      259553.467 4027182.739 259572.817 4027182.303
AREAVERT PHASE2A      259573.717 4027216.713 259568.767 4027217.163
AREAVERT PHASE2A      259570.117 4027251.138 259565.842 4027251.138
AREAVERT PHASE2A      259568.092 4027330.111 259600.716 4027328.761
AREAVERT PHASE2A      259634.465 4027327.411 259671.365 4027326.736
AREAVERT PHASE2A      259691.839 4027327.861 259713.889 4027331.011
AREAVERT PHASE2A      259720.864 4027332.586 259744.488 4027333.036
AREAVERT PHASE2A      259751.238 4027338.436 259753.038 4027342.036
AREAVERT PHASE2A      259754.613 4027346.536 259754.838 4027348.111
AREAVERT PHASE2A      259776.662 4027347.886 259777.112 4027344.061
AREAVERT PHASE2A      259778.462 4027341.586 259780.262 4027338.661
AREAVERT PHASE2A      259782.512 4027336.411 259784.087 4027334.836
AREAVERT PHASE2A      259786.787 4027333.486 259790.162 4027332.811
AREAVERT PHASE2A      259793.987 4027332.361 259805.012 4027332.136
AREAVERT PHASE2A      259816.487 4027333.036 259832.011 4027334.386
AREAVERT PHASE2A      259848.436 4027337.761 259896.810 4027348.786
AREAVERT PHASE2A      259920.884 4027352.835 259933.259 4027354.410
AREAVERT PHASE2A      259949.234 4027355.085 259964.758 4027354.860
AREAVERT PHASE2A      259981.183 4027354.185 259995.808 4027353.960
AREAVERT PHASE2A      260012.457 4027353.960 260034.507 4027353.285
AREAVERT PHASE2A      260043.732 4027352.610 260066.681 4027349.911
AREAVERT PHASE2A      260075.006 4027349.461 260104.930 4027348.786
AREAVERT PHASE2A      260154.429 4027347.886 260161.179 4027355.760
AREAVERT PHASE2A      260164.104 4027356.435 260164.779 4027426.409
AREAVERT PHASE2A      260127.430 4027426.184 260109.655 4027432.934
AREAVERT PHASE2A      260043.057 4027434.509 260044.632 4027515.957
AREAVERT PHASE2A      260026.407 4027514.382 259957.109 4027515.732
AREAVERT PHASE2A      259908.285 4027517.082 259837.186 4027512.582
AREAVERT PHASE2A      259809.062 4027510.557 259804.562 4027511.007
```

```
   AREAVERT PHASE2A      259734.813 4027510.557 259711.864 4027505.607
   AREAVERT PHASE2A      259725.138 4027465.558 259735.713 4027445.759
   AREAVERT PHASE2A      259735.938 4027445.309 259692.739 4027416.059
   AREAVERT PHASE2A      259688.014 4027417.184 259673.839 4027414.709
   AREAVERT PHASE2A      259554.142 4027417.634 259478.544 4027419.659
   AREAVERT PHASE2A      259407.670 4027422.134 259406.995 4027411.109
   SRCPARAM PHASE3B      1.8378E-06     3.048         9
   AREAVERT PHASE3B      260159.332 4027107.907 260127.865 4027107.907
   AREAVERT PHASE3B      260108.900 4027109.631 259970.863 4027112.744
   AREAVERT PHASE3B      259969.929 4027065.407 259964.323 4027065.407
   AREAVERT PHASE3B      259961.832 4026896.923 260149.936 4026894.743
   AREAVERT PHASE3B      260154.607 4026900.349
   SRCPARAM PHASE2B      1.8378E-06     3.048         9
   AREAVERT PHASE2B      260158.947 4027108.413 260124.893 4027108.844
   AREAVERT PHASE2B      260108.943 4027110.137 260001.176 4027113.154
   AREAVERT PHASE2B      260006.779 4027353.691 260036.523 4027352.829
   AREAVERT PHASE2B      260071.009 4027348.519 260153.774 4027347.225
   AREAVERT PHASE2B      260163.689 4027348.950
   SRCPARAM PHASE1       1.8378E-06     3.048        49
   AREAVERT PHASE1       260006.579 4027354.113 260000.247 4027112.785
   AREAVERT PHASE1       259969.219 4027112.188 259968.622 4027066.243
   AREAVERT PHASE1       259962.059 4027066.243 259962.655 4027036.409
   AREAVERT PHASE1       259760.378 4027039.392 259757.394 4026903.944
   AREAVERT PHASE1       259678.631 4026905.137 259559.293 4026908.717
   AREAVERT PHASE1       259446.122 4026912.139 259449.851 4027035.479
   AREAVERT PHASE1       259454.748 4027035.583 259456.656 4027074.650
   AREAVERT PHASE1       259450.280 4027093.887 259451.694 4027129.866
   AREAVERT PHASE1       259556.143 4027127.567 259556.781 4027164.542
   AREAVERT PHASE1       259552.825 4027164.605 259553.830 4027182.440
   AREAVERT PHASE1       259573.043 4027182.096 259574.337 4027217.447
   AREAVERT PHASE1       259569.595 4027217.878 259570.888 4027252.367
   AREAVERT PHASE1       259566.577 4027252.367 259569.163 4027329.536
   AREAVERT PHASE1       259609.688 4027327.381 259666.595 4027326.087
   AREAVERT PHASE1       259685.564 4027326.949 259712.724 4027329.967
   AREAVERT PHASE1       259723.502 4027331.692 259744.195 4027332.554
   AREAVERT PHASE1       259751.093 4027337.727 259754.111 4027342.470
   AREAVERT PHASE1       259755.404 4027347.643 259775.666 4027347.643
   AREAVERT PHASE1       259777.391 4027339.452 259780.840 4027336.434
   AREAVERT PHASE1       259785.582 4027333.847 259789.462 4027332.554
   AREAVERT PHASE1       259795.928 4027331.692 259806.275 4027332.123
   AREAVERT PHASE1       259837.746 4027334.278 259848.524 4027337.296
   AREAVERT PHASE1       259862.751 4027339.883 259898.964 4027348.505
   AREAVERT PHASE1       259922.244 4027352.816 259951.129 4027354.541
   AREAVERT PHASE1       259989.067 4027353.247

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Const"
** WeekDays:
   EMISFACT PHASE4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE4       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
```

```
   EMISFACT PHASE4       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PHASE4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PHASE4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PHASE4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PHASE3A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE3A      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PHASE3A      HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PHASE3A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PHASE3A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE3A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE3A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE3A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PHASE3A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE3A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE3A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE3A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PHASE2A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2A      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PHASE2A      HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PHASE2A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PHASE2A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PHASE2A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PHASE3B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE3B      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PHASE3B      HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PHASE3B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PHASE3B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE3B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT PHASE3B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE3B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PHASE3B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE3B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE3B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE3B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PHASE2B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2B      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PHASE2B      HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PHASE2B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PHASE2B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PHASE2B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PHASE1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE1       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PHASE1       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PHASE1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PHASE1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PHASE1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP PHASE1   PHASE1
   SRCGROUP PHASE2A  PHASE2A
   SRCGROUP PHASE2B  PHASE2B
   SRCGROUP PHASE3A  PHASE3A
   SRCGROUP PHASE3B  PHASE3B
   SRCGROUP PHASE4   PHASE4
   SRCGROUP ALL
SO FINISHED
**
************************************
** AERMOD Receptor Pathway
************************************
**
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**
RE STARTING
   INCLUDED Construction.rou
RE FINISHED
**
************************************
** AERMOD Meteorology Pathway
************************************
**
**
ME STARTING
   SURFFILE ..\hanford-muni-53119\Hanford_18-22.SFC
   PROFFILE ..\hanford-muni-53119\Hanford_18-22.PFL
   SURFDATA 53119 2018
   UAIRDATA 23230 2018 OAKLAND/WSO_AP
   PROFBASE 74.0 METERS
ME FINISHED
**
************************************
** AERMOD Output Pathway
************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST Construction.AD\01H1GALL.PLT 31
   PLOTFILE 1 PHASE1 1ST Construction.AD\01H1G001.PLT 32
   PLOTFILE 1 PHASE2A 1ST Construction.AD\01H1G002.PLT 33
   PLOTFILE 1 PHASE2B 1ST Construction.AD\01H1G003.PLT 34
   PLOTFILE 1 PHASE3A 1ST Construction.AD\01H1G004.PLT 35
   PLOTFILE 1 PHASE3B 1ST Construction.AD\01H1G005.PLT 36
   PLOTFILE 1 PHASE4 1ST Construction.AD\01H1G006.PLT 37
   PLOTFILE PERIOD ALL Construction.AD\PE00GALL.PLT 38
   PLOTFILE PERIOD PHASE1 Construction.AD\PE00G001.PLT 39
   PLOTFILE PERIOD PHASE2A Construction.AD\PE00G002.PLT 40
   PLOTFILE PERIOD PHASE2B Construction.AD\PE00G003.PLT 41
   PLOTFILE PERIOD PHASE3A Construction.AD\PE00G004.PLT 42
   PLOTFILE PERIOD PHASE3B Construction.AD\PE00G005.PLT 43
   PLOTFILE PERIOD PHASE4 Construction.AD\PE00G006.PLT 44
   SUMMFILE Construction.sum
OU FINISHED
**
************************************
** Project Parameters
************************************
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
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** DTMRGN   Global Definition
** UNITS    m
** ZONE     11
** ZONEINX  0
**
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** Lakes Environmental AERMOD MPI
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 7/4/2024
** File: D:\LSA\2024\20241686 Hanford Neves\Construction\Construction.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE D:\LSA\2024\20241686 Hanford Neves\Construction\Construction.isc
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   POLLUTID OTHER
   RUNORNOT RUN
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION PHASE4       AREAPOLY   259969.141  4027690.852       77.230
   LOCATION PHASE3A      AREAPOLY   259968.573  4027691.499       77.230
   LOCATION PHASE2A      AREAPOLY   259365.596  4027413.134       75.060
   LOCATION PHASE3B      AREAPOLY   260159.332  4027107.907       77.000
   LOCATION PHASE2B      AREAPOLY   260158.947  4027108.413       77.000
   LOCATION PHASE1       AREAPOLY   260006.579  4027354.113       79.890
** Source Parameters **
   SRCPARAM PHASE4       1.8378E-06     3.048        13
   AREAVERT PHASE4       259969.141 4027690.852 259970.101 4027645.464
   AREAVERT PHASE4       259966.158 4027645.881 259965.562 4027566.179
   AREAVERT PHASE4       259957.807 4027566.179 259957.807 4027515.733
   AREAVERT PHASE4       260026.096 4027514.540 260044.899 4027516.071
   AREAVERT PHASE4       260043.110 4027434.944 260109.920 4027433.154
   AREAVERT PHASE4       260127.816 4027426.592 260164.801 4027425.996
   AREAVERT PHASE4       260167.783 4027684.291
   SRCPARAM PHASE3A      1.8378E-06     3.048        30
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AREAVERT PHASE3A      259968.573 4027691.499 259968.261 4027646.658
AREAVERT PHASE3A      259965.459 4027646.970 259964.525 4027566.630
AREAVERT PHASE3A      259957.363 4027566.630 259957.051 4027515.873
AREAVERT PHASE3A      259909.096 4027517.430 259874.220 4027515.250
AREAVERT PHASE3A      259854.914 4027514.004 259836.230 4027513.070
AREAVERT PHASE3A      259821.283 4027511.825 259803.222 4027510.890
AREAVERT PHASE3A      259734.093 4027510.890 259711.672 4027505.908
AREAVERT PHASE3A      259721.326 4027475.703 259724.440 4027466.050
AREAVERT PHASE3A      259729.733 4027454.840 259735.338 4027445.498
AREAVERT PHASE3A      259692.677 4027416.849 259688.318 4027417.472
AREAVERT PHASE3A      259673.994 4027415.292 259500.858 4027419.652
AREAVERT PHASE3A      259407.129 4027422.455 259406.506 4027411.556
AREAVERT PHASE3A      259365.713 4027413.113 259369.761 4027512.447
AREAVERT PHASE3A      259612.338 4027506.842 259617.631 4027704.578
AREAVERT PHASE3A      259741.878 4027697.727 259889.167 4027689.631
SRCPARAM PHASE2A      1.8378E-06     3.048        82
AREAVERT PHASE2A      259365.596 4027413.134 259362.896 4027195.789
AREAVERT PHASE2A      259361.096 4027101.291 259359.746 4027085.766
AREAVERT PHASE2A      259355.696 4027038.067 259454.469 4027036.492
AREAVERT PHASE2A      259455.594 4027074.966 259449.744 4027094.091
AREAVERT PHASE2A      259451.319 4027130.315 259555.717 4027127.840
AREAVERT PHASE2A      259556.842 4027164.289 259552.567 4027164.289
AREAVERT PHASE2A      259553.467 4027182.739 259572.817 4027182.303
AREAVERT PHASE2A      259573.717 4027216.713 259568.767 4027217.163
AREAVERT PHASE2A      259570.117 4027251.138 259565.842 4027251.138
AREAVERT PHASE2A      259568.092 4027330.111 259600.716 4027328.761
AREAVERT PHASE2A      259634.465 4027327.411 259671.365 4027326.736
AREAVERT PHASE2A      259691.839 4027327.861 259713.889 4027331.011
AREAVERT PHASE2A      259720.864 4027332.586 259744.488 4027333.036
AREAVERT PHASE2A      259751.238 4027338.436 259753.038 4027342.036
AREAVERT PHASE2A      259754.613 4027346.536 259754.838 4027348.111
AREAVERT PHASE2A      259776.662 4027347.886 259777.112 4027344.061
AREAVERT PHASE2A      259778.462 4027341.586 259780.262 4027338.661
AREAVERT PHASE2A      259782.512 4027336.411 259784.087 4027334.836
AREAVERT PHASE2A      259786.787 4027333.486 259790.162 4027332.811
AREAVERT PHASE2A      259793.987 4027332.361 259805.012 4027332.136
AREAVERT PHASE2A      259816.487 4027333.036 259832.011 4027334.386
AREAVERT PHASE2A      259848.436 4027337.761 259896.810 4027348.786
AREAVERT PHASE2A      259920.884 4027352.835 259933.259 4027354.410
AREAVERT PHASE2A      259949.234 4027355.085 259964.758 4027354.860
AREAVERT PHASE2A      259981.183 4027354.185 259995.808 4027353.960
AREAVERT PHASE2A      260012.457 4027353.960 260034.507 4027353.285
AREAVERT PHASE2A      260043.732 4027352.610 260066.681 4027349.911
AREAVERT PHASE2A      260075.006 4027349.461 260104.930 4027348.786
AREAVERT PHASE2A      260154.429 4027347.886 260161.179 4027355.760
AREAVERT PHASE2A      260164.104 4027356.435 260164.779 4027426.409
AREAVERT PHASE2A      260127.430 4027426.184 260109.655 4027432.934
AREAVERT PHASE2A      260043.057 4027434.509 260044.632 4027515.957
AREAVERT PHASE2A      260026.407 4027514.382 259957.109 4027515.732
AREAVERT PHASE2A      259908.285 4027517.082 259837.186 4027512.582
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   AREAVERT PHASE2A      259809.062 4027510.557 259804.562 4027511.007
   AREAVERT PHASE2A      259734.813 4027510.557 259711.864 4027505.607
   AREAVERT PHASE2A      259725.138 4027465.558 259735.713 4027445.759
   AREAVERT PHASE2A      259735.938 4027445.309 259692.739 4027416.059
   AREAVERT PHASE2A      259688.014 4027417.184 259673.839 4027414.709
   AREAVERT PHASE2A      259554.142 4027417.634 259478.544 4027419.659
   AREAVERT PHASE2A      259407.670 4027422.134 259406.995 4027411.109
   SRCPARAM PHASE3B      1.8378E-06     3.048         9
   AREAVERT PHASE3B      260159.332 4027107.907 260127.865 4027107.907
   AREAVERT PHASE3B      260108.900 4027109.631 259970.863 4027112.744
   AREAVERT PHASE3B      259969.929 4027065.407 259964.323 4027065.407
   AREAVERT PHASE3B      259961.832 4026896.923 260149.936 4026894.743
   AREAVERT PHASE3B      260154.607 4026900.349
   SRCPARAM PHASE2B      1.8378E-06     3.048         9
   AREAVERT PHASE2B      260158.947 4027108.413 260124.893 4027108.844
   AREAVERT PHASE2B      260108.943 4027110.137 260001.176 4027113.154
   AREAVERT PHASE2B      260006.779 4027353.691 260036.523 4027352.829
   AREAVERT PHASE2B      260071.009 4027348.519 260153.774 4027347.225
   AREAVERT PHASE2B      260163.689 4027348.950
   SRCPARAM PHASE1       1.8378E-06     3.048        49
   AREAVERT PHASE1       260006.579 4027354.113 260000.247 4027112.785
   AREAVERT PHASE1       259969.219 4027112.188 259968.622 4027066.243
   AREAVERT PHASE1       259962.059 4027066.243 259962.655 4027036.409
   AREAVERT PHASE1       259760.378 4027039.392 259757.394 4026903.944
   AREAVERT PHASE1       259678.631 4026905.137 259559.293 4026908.717
   AREAVERT PHASE1       259446.122 4026912.139 259449.851 4027035.479
   AREAVERT PHASE1       259454.748 4027035.583 259456.656 4027074.650
   AREAVERT PHASE1       259450.280 4027093.887 259451.694 4027129.866
   AREAVERT PHASE1       259556.143 4027127.567 259556.781 4027164.542
   AREAVERT PHASE1       259552.825 4027164.605 259553.830 4027182.440
   AREAVERT PHASE1       259573.043 4027182.096 259574.337 4027217.447
   AREAVERT PHASE1       259569.595 4027217.878 259570.888 4027252.367
   AREAVERT PHASE1       259566.577 4027252.367 259569.163 4027329.536
   AREAVERT PHASE1       259609.688 4027327.381 259666.595 4027326.087
   AREAVERT PHASE1       259685.564 4027326.949 259712.724 4027329.967
   AREAVERT PHASE1       259723.502 4027331.692 259744.195 4027332.554
   AREAVERT PHASE1       259751.093 4027337.727 259754.111 4027342.470
   AREAVERT PHASE1       259755.404 4027347.643 259775.666 4027347.643
   AREAVERT PHASE1       259777.391 4027339.452 259780.840 4027336.434
   AREAVERT PHASE1       259785.582 4027333.847 259789.462 4027332.554
   AREAVERT PHASE1       259795.928 4027331.692 259806.275 4027332.123
   AREAVERT PHASE1       259837.746 4027334.278 259848.524 4027337.296
   AREAVERT PHASE1       259862.751 4027339.883 259898.964 4027348.505
   AREAVERT PHASE1       259922.244 4027352.816 259951.129 4027354.541
   AREAVERT PHASE1       259989.067 4027353.247

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Const"
** WeekDays:
   EMISFACT PHASE4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT PHASE4       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PHASE4       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PHASE4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PHASE4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PHASE4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE4       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PHASE3A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE3A      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PHASE3A      HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PHASE3A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PHASE3A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE3A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE3A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE3A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PHASE3A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE3A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE3A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE3A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PHASE2A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2A      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PHASE2A      HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PHASE2A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PHASE2A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PHASE2A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2A      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PHASE3B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE3B      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PHASE3B      HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PHASE3B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PHASE3B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT PHASE3B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE3B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE3B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PHASE3B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE3B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE3B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE3B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PHASE2B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2B      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PHASE2B      HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PHASE2B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PHASE2B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PHASE2B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE2B      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PHASE1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE1       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PHASE1       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PHASE1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PHASE1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PHASE1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PHASE1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP PHASE1   PHASE1
   SRCGROUP PHASE2A  PHASE2A
   SRCGROUP PHASE2B  PHASE2B
   SRCGROUP PHASE3A  PHASE3A
   SRCGROUP PHASE3B  PHASE3B
   SRCGROUP PHASE4   PHASE4
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
```

```
**
**
RE STARTING
   INCLUDED Construction.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE ..\hanford-muni-53119\Hanford_18-22.SFC
   PROFFILE ..\hanford-muni-53119\Hanford_18-22.PFL
   SURFDATA 53119 2018
   UAIRDATA 23230 2018 OAKLAND/WSO_AP
   PROFBASE 74.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST Construction.AD\01H1GALL.PLT 31
   PLOTFILE 1 PHASE1 1ST Construction.AD\01H1G001.PLT 32
   PLOTFILE 1 PHASE2A 1ST Construction.AD\01H1G002.PLT 33
   PLOTFILE 1 PHASE2B 1ST Construction.AD\01H1G003.PLT 34
   PLOTFILE 1 PHASE3A 1ST Construction.AD\01H1G004.PLT 35
   PLOTFILE 1 PHASE3B 1ST Construction.AD\01H1G005.PLT 36
   PLOTFILE 1 PHASE4 1ST Construction.AD\01H1G006.PLT 37
   PLOTFILE PERIOD ALL Construction.AD\PE00GALL.PLT 38
   PLOTFILE PERIOD PHASE1 Construction.AD\PE00G001.PLT 39
   PLOTFILE PERIOD PHASE2A Construction.AD\PE00G002.PLT 40
   PLOTFILE PERIOD PHASE2B Construction.AD\PE00G003.PLT 41
   PLOTFILE PERIOD PHASE3A Construction.AD\PE00G004.PLT 42
   PLOTFILE PERIOD PHASE3B Construction.AD\PE00G005.PLT 43
   PLOTFILE PERIOD PHASE4 Construction.AD\PE00G006.PLT 44
   SUMMFILE Construction.sum
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------
```

```
 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186     267       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187     267       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                           ***     MODEL SETUP OPTIONS SUMMARY
 ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses RURAL Dispersion Only.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: OTHER
```

```
 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:      6 Source(s);       7 Source Group(s); and    4000
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:      0 VOLUME source(s)
                 and:      6 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  21112

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    74.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      5.0 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **File for Summary of Results:   Construction.sum
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** AREAPOLY SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2) SCALAR VARY BY	X (METERS)	Y (METERS)	ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ	URBAN SOURCE
PHASE4	0	0.18378E-05 HRDOW	259969.1	4027690.9	77.2	3.05	13	0.00	NO
PHASE3A	0	0.18378E-05 HRDOW	259968.6	4027691.5	77.2	3.05	30	0.00	NO
PHASE2A	0	0.18378E-05 HRDOW	259365.6	4027413.1	75.1	3.05	82	0.00	NO
PHASE3B	0	0.18378E-05 HRDOW	260159.3	4027107.9	77.0	3.05	9	0.00	NO
PHASE2B	0	0.18378E-05 HRDOW	260158.9	4027108.4	77.0	3.05	9	0.00	NO
PHASE1	0	0.18378E-05 HRDOW	260006.6	4027354.1	79.9	3.05	49	0.00	NO

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*** AERMET - VERSION 21112 *** ***
*** 18:20:08

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
PHASE1	PHASE1 ,

```
  PHASE2A    PHASE2A     ,

  PHASE2B    PHASE2B     ,

  PHASE3A    PHASE3A     ,

  PHASE3B    PHASE3B     ,

  PHASE4     PHASE4      ,

  ALL        PHASE4      , PHASE3A     , PHASE2A     , PHASE3B     , PHASE2B     ,
PHASE1      ,
↑ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
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 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = PHASE4       ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PHASE3A ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PHASE2A ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

```
 - - -
```

```
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = PHASE2B      ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PHASE1 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(260122.9, 4026867.3, 75.9, 75.9, 0.0); (260099.7, 4026867.8, 75.9, 75.9, 0.0);
(260076.5, 4026868.3, 75.2, 75.2, 0.0); (260053.3, 4026868.8, 75.5, 75.5, 0.0);

```
     ( 260030.1, 4026869.4,      76.3,      76.3,       0.0);         ( 260006.9,
4026869.9,      77.0,      77.0,       0.0);
     ( 259983.8, 4026870.4,      77.0,      77.0,       0.0);         ( 259960.6,
4026870.9,      76.4,      76.4,       0.0);
     ( 260145.5, 4026841.8,      75.1,      75.1,       0.0);         ( 260122.3,
4026842.3,      75.1,      75.1,       0.0);
     ( 260099.1, 4026842.8,      75.1,      75.1,       0.0);         ( 260075.9,
4026843.3,      74.3,      74.3,       0.0);
     ( 260052.8, 4026843.9,      75.2,      75.2,       0.0);         ( 260029.6,
4026844.4,      76.3,      76.3,       0.0);
     ( 260006.4, 4026844.9,      76.9,      76.9,       0.0);         ( 259983.2,
4026845.4,      76.3,      76.3,       0.0);
     ( 259960.0, 4026845.9,      75.0,      75.0,       0.0);         ( 260157.6,
4026818.7,      74.3,      74.3,       0.0);
     ( 260121.8, 4026817.3,      74.5,      74.5,       0.0);         ( 260098.6,
4026817.8,      75.0,      75.0,       0.0);
     ( 260075.4, 4026818.3,      74.2,      74.2,       0.0);         ( 260052.2,
4026818.9,      74.8,      74.8,       0.0);
     ( 260029.0, 4026819.4,      75.7,      75.7,       0.0);         ( 260005.8,
4026819.9,      76.2,      76.2,       0.0);
     ( 259982.6, 4026820.4,      75.4,      75.4,       0.0);         ( 259959.4,
4026820.9,      74.4,      74.4,       0.0);
     ( 260161.3, 4026794.3,      73.5,      73.5,       0.0);         ( 260121.2,
4026792.3,      74.1,      74.1,       0.0);
     ( 260098.0, 4026792.8,      74.4,      74.4,       0.0);         ( 260074.8,
4026793.3,      74.1,      74.1,       0.0);
     ( 260051.6, 4026793.9,      74.6,      74.6,       0.0);         ( 260028.4,
4026794.4,      75.4,      75.4,       0.0);
     ( 260005.3, 4026794.9,      75.9,      75.9,       0.0);         ( 259982.1,
4026795.4,      75.5,      75.5,       0.0);
     ( 259958.9, 4026796.0,      74.8,      74.8,       0.0);         ( 260160.2,
4026744.3,      73.4,      73.4,       0.0);
     ( 260120.1, 4026742.3,      74.3,      74.3,       0.0);         ( 260096.9,
4026742.8,      74.5,      74.5,       0.0);
     ( 260073.7, 4026743.4,      74.9,      74.9,       0.0);         ( 260050.5,
4026743.9,      75.8,      75.8,       0.0);
     ( 260027.3, 4026744.4,      76.2,      76.2,       0.0);         ( 260004.1,
4026744.9,      76.2,      76.2,       0.0);
     ( 259980.9, 4026745.4,      76.3,      76.3,       0.0);         ( 259957.8,
4026746.0,      75.6,      75.6,       0.0);
     ( 260164.7, 4026695.2,      75.8,      75.8,       0.0);         ( 260187.3,
4026698.6,      75.7,      75.7,       0.0);
     ( 260142.1, 4026691.8,      76.5,      76.5,       0.0);         ( 260118.9,
4026692.3,      76.9,      76.9,       0.0);
     ( 260095.8, 4026692.8,      76.6,      76.6,       0.0);         ( 260072.6,
4026693.4,      75.2,      75.2,       0.0);
     ( 260049.4, 4026693.9,      75.8,      75.8,       0.0);         ( 260026.2,
4026694.4,      76.5,      76.5,       0.0);
     ( 260003.0, 4026694.9,      77.0,      77.0,       0.0);         ( 259979.8,
4026695.5,      77.2,      77.2,       0.0);
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     ( 259956.6, 4026696.0,      77.2,      77.2,       0.0);         ( 260162.2,
4026645.0,      76.5,      76.5,       0.0);
     ( 260204.5, 4026651.4,      76.7,      76.7,       0.0);         ( 260117.8,
4026642.3,      76.2,      76.2,       0.0);
     ( 260094.6, 4026642.9,      75.7,      75.7,       0.0);         ( 260071.4,
4026643.4,      75.0,      75.0,       0.0);
     ( 260048.3, 4026643.9,      75.0,      75.0,       0.0);         ( 260025.1,
4026644.4,      75.2,      75.2,       0.0);
     ( 260001.9, 4026644.9,      75.6,      75.6,       0.0);         ( 259978.7,
4026645.5,      76.0,      76.0,       0.0);
     ( 259955.5, 4026646.0,      76.4,      76.4,       0.0);         ( 260160.2,
4026594.9,      74.8,      74.8,       0.0);
     ( 260200.8, 4026601.0,      75.4,      75.4,       0.0);         ( 260116.7,
4026592.4,      75.4,      75.4,       0.0);
     ( 260093.5, 4026592.9,      76.0,      76.0,       0.0);         ( 260070.3,
4026593.4,      76.0,      76.0,       0.0);
     ( 260047.1, 4026593.9,      75.2,      75.2,       0.0);         ( 260023.9,
4026594.4,      75.0,      75.0,       0.0);
     ( 260000.8, 4026595.0,      75.3,      75.3,       0.0);         ( 259977.6,
4026595.5,      75.9,      75.9,       0.0);
     ( 259954.4, 4026596.0,      76.8,      76.8,       0.0);         ( 260160.2,
4026495.3,      73.5,      73.5,       0.0);
     ( 260182.8, 4026498.7,      73.8,      73.8,       0.0);         ( 260205.4,
4026502.1,      73.9,      73.9,       0.0);
     ( 260228.0, 4026505.5,      73.8,      73.8,       0.0);         ( 260250.5,
4026508.9,      74.0,      74.0,       0.0);
     ( 260137.6, 4026491.9,      73.6,      73.6,       0.0);         ( 260114.4,
4026492.4,      73.8,      73.8,       0.0);
     ( 260091.3, 4026492.9,      74.4,      74.4,       0.0);         ( 260068.1,
4026493.4,      75.5,      75.5,       0.0);
     ( 260044.9, 4026493.9,      76.8,      76.8,       0.0);         ( 260021.7,
4026494.5,      76.7,      76.7,       0.0);
     ( 259998.5, 4026495.0,      76.5,      76.5,       0.0);         ( 259975.3,
4026495.5,      76.6,      76.6,       0.0);
     ( 259952.1, 4026496.0,      77.0,      77.0,       0.0);         ( 260156.6,
4026395.1,      73.3,      73.3,       0.0);
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     ( 260198.9, 4026401.5,      73.3,      73.3,       0.0);         ( 260241.2,
4026407.8,      74.0,      74.0,       0.0);
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     ( 260283.6, 4026414.2,      74.2,      74.2,       0.0);         ( 260112.2,
4026392.4,      74.0,      74.0,       0.0);
     ( 260089.0, 4026392.9,      73.6,      73.6,       0.0);         ( 260065.8,
4026393.4,      73.1,      73.1,       0.0);
     ( 260042.6, 4026394.0,      74.0,      74.0,       0.0);         ( 260019.5,
4026394.5,      74.1,      74.1,       0.0);
     ( 259996.3, 4026395.0,      74.2,      74.2,       0.0);         ( 259973.1,
4026395.5,      75.1,      79.0,       0.0);
     ( 259949.9, 4026396.1,      77.4,      77.4,       0.0);         ( 260155.7,
4026295.3,      75.9,      75.9,       0.0);
     ( 260178.3, 4026298.7,      75.4,      75.4,       0.0);         ( 260200.9,
4026302.1,      74.2,      74.2,       0.0);
     ( 260223.5, 4026305.5,      73.1,      73.1,       0.0);         ( 260246.0,
4026308.9,      74.1,      74.1,       0.0);
     ( 260268.6, 4026312.3,      75.0,      75.0,       0.0);         ( 260291.2,
4026315.7,      75.5,      75.5,       0.0);
     ( 260313.8, 4026319.1,      75.7,      75.7,       0.0);         ( 260133.1,
4026291.9,      76.0,      76.0,       0.0);
     ( 260110.0, 4026292.4,      75.7,      75.7,       0.0);         ( 260086.8,
4026292.9,      74.9,      74.9,       0.0);
     ( 260063.6, 4026293.5,      74.0,      74.0,       0.0);         ( 260040.4,
4026294.0,      73.0,      73.0,       0.0);
     ( 260017.2, 4026294.5,      72.2,      72.2,       0.0);         ( 259994.0,
4026295.0,      71.6,      71.6,       0.0);
     ( 259970.8, 4026295.6,      71.9,      71.9,       0.0);         ( 259947.6,
4026296.1,      73.3,      73.3,       0.0);
     ( 260152.4, 4026195.2,      77.0,      77.0,       0.0);         ( 260195.6,
4026201.7,      75.2,      75.2,       0.0);
     ( 260238.7, 4026208.2,      75.0,      75.0,       0.0);         ( 260281.8,
4026214.7,      74.9,      74.9,       0.0);
     ( 260324.9, 4026221.2,      74.0,      74.0,       0.0);         ( 260107.7,
4026192.5,      76.6,      76.6,       0.0);
     ( 260084.5, 4026193.0,      75.5,      75.5,       0.0);         ( 260061.3,
4026193.5,      74.0,      74.0,       0.0);
     ( 260038.1, 4026194.0,      72.6,      72.6,       0.0);         ( 260015.0,
4026194.5,      73.3,      73.3,       0.0);
     ( 259991.8, 4026195.1,      74.1,      74.1,       0.0);         ( 259968.6,
4026195.6,      75.2,      75.2,       0.0);
     ( 259945.4, 4026196.1,      76.5,      76.5,       0.0);         ( 260148.2,
4025995.3,      78.1,      78.1,       0.0);
     ( 260191.7, 4026001.8,      76.9,      76.9,       0.0);         ( 260235.3,
4026008.4,      74.3,      74.3,       0.0);
     ( 260278.8, 4026015.0,      72.5,      72.5,       0.0);         ( 260322.4,
4026021.5,      74.2,      74.2,       0.0);
     ( 260365.9, 4026028.1,      77.7,      77.7,       0.0);         ( 260409.5,
4026034.7,      77.8,      77.8,       0.0);
     ( 260103.2, 4025992.5,      78.5,      78.5,       0.0);         ( 260080.0,
4025993.0,      76.2,      79.0,       0.0);
     ( 260056.8, 4025993.5,      74.9,      74.9,       0.0);         ( 260033.6,
4025994.1,      74.8,      74.8,       0.0);
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     ( 260010.5, 4025994.6,      74.8,      74.8,       0.0);         ( 259987.3,
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     ( 259964.1, 4025995.6,      73.5,      73.5,       0.0);         ( 259940.9,
4025996.2,      73.0,      73.0,       0.0);
     ( 260143.8, 4025795.3,      75.7,      75.7,       0.0);         ( 260187.7,
4025801.9,      75.4,      75.4,       0.0);
     ( 260231.5, 4025808.6,      75.4,      75.4,       0.0);         ( 260275.3,
4025815.2,      75.8,      75.8,       0.0);
     ( 260319.1, 4025821.8,      75.6,      75.6,       0.0);         ( 260363.0,
4025828.4,      75.2,      75.2,       0.0);
     ( 260406.8, 4025835.0,      75.0,      75.0,       0.0);         ( 260450.6,
4025841.6,      75.6,      75.6,       0.0);
     ( 260098.7, 4025792.6,      77.1,      77.1,       0.0);         ( 260075.5,
4025793.1,      76.4,      76.4,       0.0);
     ( 260052.3, 4025793.6,      74.9,      74.9,       0.0);         ( 260029.2,
4025794.1,      73.3,      73.3,       0.0);
     ( 260006.0, 4025794.6,      72.1,      72.1,       0.0);         ( 259982.8,
4025795.2,      72.9,      72.9,       0.0);
     ( 259959.6, 4025795.7,      74.2,      74.2,       0.0);         ( 259936.4,
4025796.2,      74.8,      74.8,       0.0);
     ( 260139.4, 4025595.4,      73.0,      73.0,       0.0);         ( 260183.5,
4025602.0,      71.2,      71.2,       0.0);
     ( 260227.5, 4025608.7,      70.3,      70.3,       0.0);         ( 260271.5,
4025615.3,      72.6,      72.6,       0.0);
     ( 260315.5, 4025622.0,      74.4,      74.4,       0.0);         ( 260359.6,
4025628.6,      73.4,      73.4,       0.0);
     ( 260403.6, 4025635.2,      73.9,      73.9,       0.0);         ( 260447.6,
4025641.9,      74.5,      74.5,       0.0);
     ( 260491.7, 4025648.5,      74.7,      74.7,       0.0);         ( 260535.7,
4025655.1,      74.8,      74.8,       0.0);
     ( 260094.2, 4025592.6,      72.9,      72.9,       0.0);         ( 260071.0,
4025593.1,      72.5,      72.5,       0.0);
     ( 260047.8, 4025593.6,      72.5,      72.5,       0.0);         ( 260024.7,
4025594.2,      73.0,      73.0,       0.0);
     ( 260001.5, 4025594.7,      73.8,      73.8,       0.0);         ( 259978.3,
4025595.2,      74.5,      74.5,       0.0);
     ( 259955.1, 4025595.7,      74.1,      74.1,       0.0);         ( 259931.9,
4025596.3,      73.7,      73.7,       0.0);
↑ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                    *** DISCRETE CARTESIAN RECEPTORS ***
                                  (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                              (METERS)
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     ( 260135.0, 4025395.5,      74.3,      74.3,       0.0);         ( 260179.2,
4025402.1,      75.0,      75.0,       0.0);
     ( 260223.4, 4025408.8,      75.7,      75.7,       0.0);         ( 260267.5,
4025415.4,      74.4,      74.4,       0.0);
     ( 260311.7, 4025422.1,      73.3,      73.3,       0.0);         ( 260355.9,
4025428.8,      74.0,      74.0,       0.0);
     ( 260400.1, 4025435.4,      75.2,      75.2,       0.0);         ( 260444.3,
4025442.1,      78.6,      78.6,       0.0);
     ( 260488.4, 4025448.8,      77.8,      77.8,       0.0);         ( 260532.6,
4025455.4,      75.2,      75.2,       0.0);
     ( 260576.8, 4025462.1,      74.8,      74.8,       0.0);         ( 260089.7,
4025392.7,      75.6,      75.6,       0.0);
     ( 260066.5, 4025393.2,      76.4,      76.4,       0.0);         ( 260043.4,
4025393.7,      77.3,      77.3,       0.0);
     ( 260020.2, 4025394.2,      76.7,      76.7,       0.0);         ( 259997.0,
4025394.8,      75.8,      75.8,       0.0);
     ( 259973.8, 4025395.3,      75.0,      75.0,       0.0);         ( 259950.6,
4025395.8,      74.2,      74.2,       0.0);
     ( 259927.4, 4025396.3,      73.3,      73.3,       0.0);         ( 259936.5,
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     ( 259936.9, 4026943.1,      76.6,      76.6,       0.0);         ( 259937.3,
4026966.4,      76.7,      76.7,       0.0);
     ( 259937.7, 4026989.8,      77.2,      77.2,       0.0);         ( 259938.1,
4027013.2,      77.2,      77.2,       0.0);
     ( 259918.1, 4026879.0,      74.6,      74.6,       0.0);         ( 259911.5,
4026920.1,      76.0,      76.0,       0.0);
     ( 259911.9, 4026943.5,      75.9,      75.9,       0.0);         ( 259912.3,
4026966.9,      75.8,      75.8,       0.0);
     ( 259912.7, 4026990.2,      76.0,      76.0,       0.0);         ( 259913.1,
4027013.6,      76.0,      76.0,       0.0);
     ( 259893.1, 4026879.5,      74.6,      74.6,       0.0);         ( 259924.5,
4026836.3,      74.0,      74.0,       0.0);
     ( 259886.5, 4026920.6,      76.0,      76.0,       0.0);         ( 259886.9,
4026943.9,      75.6,      75.6,       0.0);
     ( 259887.3, 4026967.3,      75.3,      75.3,       0.0);         ( 259887.7,
4026990.7,      76.0,      76.0,       0.0);
     ( 259888.1, 4027014.0,      76.0,      76.0,       0.0);         ( 259868.1,
4026879.9,      75.6,      75.6,       0.0);
     ( 259882.1, 4026844.4,      75.2,      75.2,       0.0);         ( 259906.5,
4026819.0,      74.5,      74.5,       0.0);
     ( 259861.5, 4026921.0,      76.0,      76.0,       0.0);         ( 259861.9,
4026944.4,      76.0,      76.0,       0.0);
     ( 259862.3, 4026967.7,      75.9,      75.9,       0.0);         ( 259862.7,
4026991.1,      76.0,      76.0,       0.0);
     ( 259863.1, 4027014.4,      76.7,      76.7,       0.0);         ( 259819.5,
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     ( 259827.9, 4026855.9,      76.5,      76.5,       0.0);         ( 259836.2,
4026834.6,      76.0,      76.0,       0.0);
     ( 259844.6, 4026813.3,      76.0,      76.0,       0.0);         ( 259873.9,
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     ( 259894.9, 4026773.6,      76.1,      76.1,       0.0);         ( 259915.8,
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     ( 259936.8, 4026755.2,      75.7,      75.7,       0.0);         ( 259811.5,
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     ( 259811.9, 4026945.2,      74.4,      74.4,       0.0);         ( 259812.3,
4026968.6,      75.0,      75.0,       0.0);
     ( 259812.8, 4026991.9,      76.4,      76.4,       0.0);         ( 259813.1,
4027015.3,      76.4,      76.4,       0.0);
     ( 259769.1, 4026879.0,      75.7,      75.7,       0.0);         ( 259785.1,
4026838.5,      76.0,      76.0,       0.0);
     ( 259801.0, 4026797.9,      76.0,      76.0,       0.0);         ( 259836.9,
4026748.6,      76.3,      76.3,       0.0);
     ( 259876.8, 4026731.0,      77.0,      77.0,       0.0);         ( 259916.7,
4026713.5,      76.8,      76.8,       0.0);
     ( 259718.9, 4026880.5,      75.6,      75.6,       0.0);         ( 259734.4,
4026841.0,      75.8,      75.8,       0.0);
     ( 259749.9, 4026801.6,      76.0,      76.0,       0.0);         ( 259765.4,
4026762.1,      76.0,      76.0,       0.0);
     ( 259800.3, 4026714.2,      77.0,      77.0,       0.0);         ( 259839.1,
4026697.1,      77.7,      77.7,       0.0);
     ( 259877.9, 4026680.1,      76.6,      76.6,       0.0);         ( 259916.7,
4026663.0,      76.1,      76.1,       0.0);
     ( 259669.5, 4026879.7,      75.2,      75.2,       0.0);         ( 259677.9,
4026858.4,      75.1,      81.0,       0.0);
     ( 259686.3, 4026837.1,      75.1,      81.0,       0.0);         ( 259694.6,
4026815.8,      75.4,      81.0,       0.0);
     ( 259703.0, 4026794.5,      75.3,      81.0,       0.0);         ( 259711.4,
4026773.2,      75.3,      75.3,       0.0);
     ( 259719.8, 4026751.9,      76.0,      76.0,       0.0);         ( 259728.1,
4026730.6,      76.0,      76.0,       0.0);
     ( 259736.5, 4026709.3,      76.4,      76.4,       0.0);         ( 259765.8,
4026678.8,      76.6,      76.6,       0.0);
     ( 259786.8, 4026669.6,      76.7,      76.7,       0.0);         ( 259807.7,
4026660.4,      77.0,      77.0,       0.0);
     ( 259828.7, 4026651.2,      76.7,      76.7,       0.0);         ( 259849.6,
4026642.0,      76.4,      76.4,       0.0);
     ( 259870.6, 4026632.8,      76.4,      76.4,       0.0);         ( 259891.5,
4026623.6,      77.0,      77.0,       0.0);
     ( 259912.5, 4026614.4,      77.0,      77.0,       0.0);         ( 259933.4,
4026605.2,      76.9,      76.9,       0.0);
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                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
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(METERS)

(259569.2, 4026882.5, 74.9, 74.9, 0.0); (259585.1, 4026841.9, 76.8, 76.8, 0.0);
(259601.0, 4026801.3, 79.5, 79.5, 0.0); (259617.0, 4026760.7, 79.6, 79.6, 0.0);
(259632.9, 4026720.2, 77.4, 77.4, 0.0); (259648.8, 4026679.6, 77.3, 77.3, 0.0);
(259664.8, 4026639.0, 78.7, 78.7, 0.0); (259692.7, 4026610.0, 77.8, 77.8, 0.0);
(259732.6, 4026592.4, 76.7, 76.7, 0.0); (259772.5, 4026574.9, 76.8, 76.8, 0.0);
(259812.4, 4026557.4, 77.4, 77.4, 0.0); (259852.4, 4026539.8, 77.2, 77.2, 0.0);
(259892.3, 4026522.3, 77.0, 77.0, 0.0); (259485.8, 4026841.8, 75.4, 75.4, 0.0);
(259502.2, 4026800.0, 78.3, 78.3, 0.0); (259518.6, 4026758.3, 78.4, 78.4, 0.0);
(259535.0, 4026716.5, 75.9, 75.9, 0.0); (259543.2, 4026695.6, 75.2, 75.2, 0.0);
(259559.6, 4026653.8, 76.4, 76.4, 0.0); (259576.0, 4026612.1, 78.0, 78.0, 0.0);
(259592.5, 4026570.3, 77.1, 77.1, 0.0); (259621.2, 4026540.4, 79.0, 79.0, 0.0);
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(259826.6, 4026450.2, 74.0, 74.0, 0.0); (259867.7, 4026432.1, 73.6, 73.6, 0.0);
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(259386.3, 4026842.3, 75.9, 75.9, 0.0); (259394.7, 4026820.9, 77.0, 77.0, 0.0);
(259403.0, 4026799.6, 77.2, 77.2, 0.0); (259411.4, 4026778.3, 77.0, 77.0, 0.0);
(259419.8, 4026757.0, 77.0, 77.0, 0.0); (259428.2, 4026735.8, 77.5, 77.5, 0.0);
(259436.5, 4026714.4, 78.0, 78.0, 0.0); (259444.9, 4026693.1, 78.0, 78.0, 0.0);
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(259520.2, 4026501.4, 76.5, 76.5, 0.0); (259549.5, 4026470.9, 77.5, 77.5, 0.0);

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     ( 259570.5, 4026461.7,      78.3,      78.3,       0.0);         ( 259591.4,
4026452.5,      78.9,      78.9,       0.0);
     ( 259612.4, 4026443.3,      79.1,      79.1,       0.0);         ( 259633.3,
4026434.1,      78.1,      78.1,       0.0);
     ( 259654.3, 4026424.9,      76.9,      76.9,       0.0);         ( 259675.2,
4026415.7,      76.1,      76.1,       0.0);
     ( 259696.2, 4026406.5,      76.0,      76.0,       0.0);         ( 259717.1,
4026397.3,      75.8,      75.8,       0.0);
     ( 259738.1, 4026388.1,      75.1,      75.1,       0.0);         ( 259759.1,
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     ( 259780.0, 4026369.7,      73.6,      73.6,       0.0);         ( 259801.0,
4026360.5,      73.0,      73.0,       0.0);
     ( 259821.9, 4026351.3,      73.1,      73.1,       0.0);         ( 259842.9,
4026342.1,      73.5,      73.5,       0.0);
     ( 259863.8, 4026332.9,      73.8,      73.8,       0.0);         ( 259884.8,
4026323.7,      74.2,      74.2,       0.0);
     ( 259905.7, 4026314.5,      74.8,      74.8,       0.0);         ( 259926.7,
4026305.3,      74.5,      74.5,       0.0);
     ( 259361.6, 4026929.5,      78.0,      78.0,       0.0);         ( 259362.0,
4026952.9,      76.5,      76.5,       0.0);
     ( 259362.4, 4026976.2,      75.5,      75.5,       0.0);         ( 259362.8,
4026999.6,      74.8,      74.8,       0.0);
     ( 259363.2, 4027023.0,      74.4,      74.4,       0.0);         ( 259269.7,
4026886.2,      76.8,      76.8,       0.0);
     ( 259278.2, 4026864.6,      77.1,      77.1,       0.0);         ( 259286.7,
4026843.0,      77.1,      77.1,       0.0);
     ( 259295.2, 4026821.4,      76.8,      76.8,       0.0);         ( 259303.7,
4026799.8,      76.5,      76.5,       0.0);
     ( 259312.2, 4026778.2,      76.2,      76.2,       0.0);         ( 259320.6,
4026756.6,      76.0,      76.0,       0.0);
     ( 259329.1, 4026735.0,      76.5,      76.5,       0.0);         ( 259337.6,
4026713.4,      77.2,      77.2,       0.0);
     ( 259346.1, 4026691.8,      77.7,      77.7,       0.0);         ( 259354.6,
4026670.1,      78.0,      78.0,       0.0);
     ( 259363.1, 4026648.5,      78.0,      78.0,       0.0);         ( 259371.6,
4026626.9,      78.0,      78.0,       0.0);
     ( 259380.1, 4026605.3,      78.0,      78.0,       0.0);         ( 259388.6,
4026583.7,      77.3,      77.3,       0.0);
     ( 259397.0, 4026562.1,      77.0,      77.0,       0.0);         ( 259405.5,
4026540.5,      77.0,      77.0,       0.0);
     ( 259414.0, 4026518.9,      77.7,      77.7,       0.0);         ( 259422.5,
4026497.3,      78.0,      78.0,       0.0);
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(259431.0, 4026475.7, 78.0, 78.0, 0.0); (259439.5, 4026454.0, 78.0, 78.0, 0.0);
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(259499.0, 4026392.2, 78.1, 78.1, 0.0); (259520.2, 4026382.8, 77.1, 77.1, 0.0);
(259541.5, 4026373.5, 76.8, 76.8, 0.0); (259562.8, 4026364.1, 77.1, 77.1, 0.0);
(259584.0, 4026354.8, 76.8, 76.8, 0.0); (259605.3, 4026345.5, 77.0, 77.0, 0.0);
(259626.5, 4026336.1, 77.1, 77.1, 0.0); (259647.8, 4026326.8, 77.0, 77.0, 0.0);
(259669.0, 4026317.5, 76.6, 76.6, 0.0); (259690.3, 4026308.1, 76.5, 76.5, 0.0);
(259711.6, 4026298.8, 75.9, 75.9, 0.0); (259732.8, 4026289.5, 74.8, 74.8, 0.0);
(259754.1, 4026280.1, 74.3, 74.3, 0.0); (259775.3, 4026270.8, 74.4, 74.4, 0.0);
(259796.6, 4026261.5, 75.8, 75.8, 0.0); (259817.8, 4026252.1, 76.8, 76.8, 0.0);
(259839.1, 4026242.8, 77.1, 77.1, 0.0); (259860.4, 4026233.4, 76.6, 76.6, 0.0);
(259881.6, 4026224.1, 76.0, 76.0, 0.0); (259902.9, 4026214.8, 76.4, 76.4, 0.0);
(259924.1, 4026205.4, 76.9, 76.9, 0.0); (259261.6, 4026931.2, 75.1, 75.1, 0.0);
(259262.0, 4026954.6, 75.0, 75.0, 0.0); (259262.4, 4026977.9, 75.0, 75.0, 0.0);
(259262.8, 4027001.3, 74.6, 74.6, 0.0); (259263.2, 4027024.7, 74.0, 74.0, 0.0);
(259263.6, 4027048.0, 74.0, 74.0, 0.0); (259069.6, 4026890.0, 79.7, 79.7, 0.0);
(259078.0, 4026868.7, 81.0, 81.0, 0.0); (259086.4, 4026847.4, 80.8, 80.8, 0.0);
(259094.7, 4026826.1, 80.5, 80.5, 0.0); (259103.1, 4026804.8, 80.4, 80.4, 0.0);
(259111.5, 4026783.5, 80.8, 80.8, 0.0); (259119.8, 4026762.2, 81.1, 81.1, 0.0);
(259128.2, 4026740.9, 80.4, 80.4, 0.0); (259136.6, 4026719.6, 79.1, 79.1, 0.0);
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(259178.4, 4026613.1, 77.9, 77.9, 0.0); (259186.8, 4026591.8, 77.6, 77.6, 0.0);

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     ( 259195.1, 4026570.4,      78.5,      79.0,      0.0);         ( 259203.5,
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     ( 259211.9, 4026527.8,      78.4,      78.4,      0.0);         ( 259220.2,
4026506.5,      78.7,      78.7,       0.0);
     ( 259228.6, 4026485.2,      79.0,      79.0,      0.0);         ( 259237.0,
4026463.9,      80.5,      80.5,       0.0);
     ( 259245.3, 4026442.6,      81.5,      81.5,      0.0);         ( 259253.7,
4026421.3,      81.8,      81.8,       0.0);
     ( 259262.1, 4026400.0,      82.6,      82.6,      0.0);         ( 259270.4,
4026378.7,      82.5,      82.5,       0.0);
     ( 259278.8, 4026357.4,      81.6,      81.6,      0.0);         ( 259287.2,
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     ( 259295.5, 4026314.8,      78.5,      78.5,      0.0);         ( 259303.9,
4026293.5,      78.1,      78.1,       0.0);
     ( 259333.2, 4026263.0,      78.5,      78.5,      0.0);         ( 259354.2,
4026253.8,      77.5,      77.5,       0.0);
     ( 259375.1, 4026244.6,      77.9,      77.9,      0.0);         ( 259396.1,
4026235.4,      78.1,      78.1,       0.0);
     ( 259417.0, 4026226.2,      78.2,      78.2,      0.0);         ( 259438.0,
4026217.0,      77.8,      77.8,       0.0);
     ( 259459.0, 4026207.8,      77.4,      77.4,      0.0);         ( 259479.9,
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     ( 259500.9, 4026189.4,      78.0,      78.0,      0.0);         ( 259521.8,
4026180.2,      78.0,      78.0,       0.0);
     ( 259542.8, 4026171.0,      77.9,      77.9,      0.0);         ( 259563.7,
4026161.8,      77.3,      77.3,       0.0);
     ( 259584.7, 4026152.6,      77.0,      77.0,      0.0);         ( 259605.6,
4026143.4,      76.1,      76.1,       0.0);
     ( 259626.6, 4026134.2,      75.5,      75.5,      0.0);         ( 259647.5,
4026125.0,      75.2,      75.2,       0.0);
     ( 259668.5, 4026115.8,      74.2,      74.2,      0.0);         ( 259689.4,
4026106.6,      73.1,      73.1,       0.0);
     ( 259710.4, 4026097.4,      72.0,      72.0,      0.0);         ( 259731.4,
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     ( 259752.3, 4026079.0,      73.7,      73.7,      0.0);         ( 259773.3,
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     ( 259794.2, 4026060.6,      73.2,      73.2,      0.0);         ( 259815.2,
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     ( 259836.1, 4026042.2,      71.9,      71.9,      0.0);         ( 259857.1,
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     ( 259878.0, 4026023.8,      72.2,      72.2,      0.0);         ( 259899.0,
4026014.6,      72.5,      72.5,       0.0);
     ( 259919.9, 4026005.4,      72.8,      72.8,      0.0);         ( 259061.7,
4026934.6,      75.8,      75.8,       0.0);
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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(259063.6, 4027051.4, 74.4, 74.4, 0.0); (258869.8, 4026893.0, 77.1, 78.0, 0.0);
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(258895.4, 4026827.9, 75.5, 75.5, 0.0); (258903.9, 4026806.2, 76.4, 76.4, 0.0);
(258912.4, 4026784.5, 77.3, 77.3, 0.0); (258920.9, 4026762.8, 77.5, 77.5, 0.0);
(258929.5, 4026741.1, 78.0, 78.0, 0.0); (258938.0, 4026719.4, 78.3, 78.3, 0.0);
(258946.5, 4026697.7, 78.9, 78.9, 0.0); (258955.0, 4026676.0, 79.0, 79.0, 0.0);
(258963.6, 4026654.3, 78.8, 78.8, 0.0); (258972.1, 4026632.6, 78.5, 78.5, 0.0);
(258980.6, 4026610.9, 78.0, 78.0, 0.0); (258989.1, 4026589.2, 77.6, 77.6, 0.0);
(258997.6, 4026567.5, 77.7, 80.0, 0.0); (259006.2, 4026545.8, 77.4, 77.4, 0.0);
(259014.7, 4026524.2, 76.7, 76.7, 0.0); (259023.2, 4026502.5, 76.2, 76.2, 0.0);
(259031.7, 4026480.8, 76.4, 76.4, 0.0); (259040.3, 4026459.1, 76.9, 76.9, 0.0);
(259048.8, 4026437.4, 77.4, 77.4, 0.0); (259057.3, 4026415.7, 77.7, 77.7, 0.0);
(259065.8, 4026394.0, 77.5, 77.5, 0.0); (259074.3, 4026372.3, 77.9, 77.9, 0.0);
(259082.9, 4026350.6, 78.3, 78.3, 0.0); (259091.4, 4026328.9, 79.0, 79.0, 0.0);
(259099.9, 4026307.2, 79.0, 79.0, 0.0); (259108.4, 4026285.5, 78.5, 78.5, 0.0);
(259117.0, 4026263.8, 77.8, 77.8, 0.0); (259125.5, 4026242.1, 78.0, 78.0, 0.0);
(259134.0, 4026220.4, 78.6, 78.6, 0.0); (259142.5, 4026198.7, 79.0, 79.0, 0.0);
(259151.0, 4026177.0, 78.9, 78.9, 0.0); (259159.6, 4026155.3, 77.6, 77.6, 0.0);
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     ( 259274.8, 4026086.8,      72.9,      80.0,       0.0);         ( 259296.1,
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     ( 259317.5, 4026068.0,      74.2,      74.2,       0.0);         ( 259338.8,
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     ( 259360.2, 4026049.3,      76.0,      76.0,       0.0);         ( 259381.5,
4026039.9,      76.0,      76.0,       0.0);
     ( 259402.9, 4026030.5,      75.2,      75.2,       0.0);         ( 259424.2,
4026021.2,      74.5,      74.5,       0.0);
     ( 259445.5, 4026011.8,      73.8,      73.8,       0.0);         ( 259466.9,
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     ( 259488.2, 4025993.0,      73.1,      73.1,       0.0);         ( 259509.6,
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     ( 259530.9, 4025974.3,      73.8,      73.8,       0.0);         ( 259552.2,
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     ( 259616.3, 4025936.8,      73.9,      73.9,       0.0);         ( 259637.6,
4025927.4,      73.2,      73.2,       0.0);
     ( 259659.0, 4025918.1,      73.0,      73.0,       0.0);         ( 259680.3,
4025908.7,      73.0,      73.0,       0.0);
     ( 259701.6, 4025899.3,      72.3,      72.3,       0.0);         ( 259723.0,
4025889.9,      71.7,      71.7,       0.0);
     ( 259744.3, 4025880.6,      71.2,      71.2,       0.0);         ( 259765.7,
4025871.2,      71.9,      71.9,       0.0);
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4025814.9,      74.2,      74.2,       0.0);
     ( 259915.1, 4025805.6,      74.5,      74.5,       0.0);         ( 258861.3,
4026914.7,      78.7,      78.7,       0.0);
     ( 258861.7, 4026938.0,      79.6,      79.6,       0.0);         ( 258862.1,
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     ( 258862.5, 4026984.8,      77.8,      77.8,       0.0);         ( 258862.9,
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     ( 258863.3, 4027031.5,      77.8,      77.8,       0.0);         ( 258863.7,
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     ( 258669.8, 4026896.6,      75.9,      75.9,       0.0);         ( 258678.2,
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     ( 258686.6, 4026853.7,      74.1,      74.1,       0.0);         ( 258695.0,
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     ( 258703.5, 4026810.8,      73.0,      73.0,       0.0);         ( 258711.9,
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     ( 258720.3, 4026767.8,      72.0,      72.0,       0.0);         ( 258728.8,
4026746.4,      72.2,      72.2,       0.0);
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(258737.2, 4026724.9, 71.7, 71.7, 0.0); (258745.6, 4026703.4, 72.5, 72.5, 0.0);
(258754.1, 4026682.0, 73.0, 73.0, 0.0); (258762.5, 4026660.5, 73.0, 73.0, 0.0);
(258770.9, 4026639.0, 73.2, 73.2, 0.0); (258779.4, 4026617.6, 73.8, 73.8, 0.0);
(258787.8, 4026596.1, 75.4, 75.4, 0.0); (258796.2, 4026574.6, 75.9, 75.9, 0.0);
(258804.7, 4026553.2, 76.0, 76.0, 0.0); (258813.1, 4026531.7, 75.6, 75.6, 0.0);
(258821.5, 4026510.2, 75.0, 75.0, 0.0); (258830.0, 4026488.8, 75.2, 75.2, 0.0);
(258838.4, 4026467.3, 74.6, 74.6, 0.0); (258846.8, 4026445.8, 74.0, 74.0, 0.0);
(258855.3, 4026424.4, 73.6, 73.6, 0.0); (258863.7, 4026402.9, 73.8, 73.8, 0.0);
(258872.1, 4026381.4, 74.5, 74.5, 0.0); (258880.6, 4026360.0, 75.6, 75.6, 0.0);
(258889.0, 4026338.5, 75.1, 75.1, 0.0); (258897.4, 4026317.0, 75.4, 75.4, 0.0);
(258905.8, 4026295.6, 76.0, 76.0, 0.0); (258914.3, 4026274.1, 75.2, 75.2, 0.0);
(258922.7, 4026252.6, 74.4, 74.4, 0.0); (258931.1, 4026231.2, 74.7, 74.7, 0.0);
(258939.6, 4026209.7, 76.7, 76.7, 0.0); (258948.0, 4026188.2, 78.2, 78.2, 0.0);
(258956.4, 4026166.8, 78.9, 78.9, 0.0); (258964.9, 4026145.3, 78.7, 78.7, 0.0);
(258973.3, 4026123.8, 77.3, 77.3, 0.0); (258981.7, 4026102.4, 75.4, 75.4, 0.0);
(258990.2, 4026080.9, 73.7, 73.7, 0.0); (258998.6, 4026059.4, 73.0, 73.0, 0.0);
(259007.0, 4026038.0, 73.4, 73.4, 0.0); (259015.5, 4026016.5, 73.5, 73.5, 0.0);
(259045.0, 4025985.8, 74.4, 74.4, 0.0); (259066.1, 4025976.5, 74.8, 74.8, 0.0);
(259087.2, 4025967.2, 74.7, 74.7, 0.0); (259108.4, 4025957.9, 74.0, 74.0, 0.0);
(259129.5, 4025948.7, 74.0, 74.0, 0.0); (259150.6, 4025939.4, 74.0, 74.0, 0.0);
(259171.7, 4025930.1, 74.3, 74.3, 0.0); (259192.8, 4025920.8, 74.1, 74.1, 0.0);

```
     ( 259213.9, 4025911.6,      74.0,      74.0,       0.0);         ( 259235.1,
4025902.3,      74.1,      74.1,       0.0);
     ( 259256.2, 4025893.0,      74.4,      74.4,       0.0);         ( 259277.3,
4025883.8,      74.7,      74.7,       0.0);
     ( 259298.4, 4025874.5,      74.8,      74.8,       0.0);         ( 259319.5,
4025865.2,      74.5,      74.5,       0.0);
     ( 259340.6, 4025855.9,      74.2,      74.2,       0.0);         ( 259361.8,
4025846.6,      73.5,      73.5,       0.0);
     ( 259382.9, 4025837.4,      73.0,      73.0,       0.0);         ( 259404.0,
4025828.1,      73.6,      73.6,       0.0);
     ( 259425.1, 4025818.8,      73.5,      73.5,       0.0);         ( 259446.2,
4025809.6,      72.8,      72.8,       0.0);
     ( 259467.3, 4025800.3,      72.1,      72.1,       0.0);         ( 259488.5,
4025791.0,      72.0,      72.0,       0.0);
     ( 259509.6, 4025781.7,      72.0,      72.0,       0.0);         ( 259530.7,
4025772.5,      72.0,      72.0,       0.0);
     ( 259551.8, 4025763.2,      72.0,      72.0,       0.0);         ( 259572.9,
4025753.9,      72.5,      72.5,       0.0);
     ( 259594.0, 4025744.6,      73.1,      73.1,       0.0);         ( 259615.2,
4025735.4,      73.8,      73.8,       0.0);
     ( 259636.3, 4025726.1,      74.0,      74.0,       0.0);         ( 259657.4,
4025716.8,      73.9,      73.9,       0.0);
     ( 259678.5, 4025707.5,      73.3,      73.3,       0.0);         ( 259699.6,
4025698.3,      73.6,      73.6,       0.0);
     ( 259720.8, 4025689.0,      73.9,      73.9,       0.0);         ( 259741.9,
4025679.7,      73.7,      73.7,       0.0);
     ( 259763.0, 4025670.4,      73.8,      73.8,       0.0);         ( 259784.1,
4025661.2,      73.7,      73.7,       0.0);
     ( 259805.2, 4025651.9,      73.2,      73.2,       0.0);         ( 259826.3,
4025642.6,      72.2,      72.2,       0.0);
     ( 259847.4, 4025633.3,      72.1,      72.1,       0.0);         ( 259868.6,
4025624.1,      73.0,      73.0,       0.0);
     ( 259889.7, 4025614.8,      74.0,      74.0,       0.0);         ( 259910.8,
4025605.5,      73.8,      73.8,       0.0);
     ( 258661.3, 4026918.1,      76.6,      76.6,       0.0);         ( 258661.7,
4026941.4,      77.0,      77.0,       0.0);
     ( 258662.1, 4026964.8,      76.9,      76.9,       0.0);         ( 258662.5,
4026988.2,      76.1,      76.1,       0.0);
     ( 258662.9, 4027011.5,      75.4,      75.4,       0.0);         ( 258663.3,
4027034.9,      75.5,      75.5,       0.0);
     ( 258663.7, 4027058.3,      76.0,      76.0,       0.0);         ( 258469.9,
4026899.8,      73.7,      73.7,       0.0);
     ( 258478.4, 4026878.0,      74.7,      74.7,       0.0);         ( 258487.0,
4026856.3,      75.2,      75.2,       0.0);
     ( 258495.5, 4026834.6,      75.5,      75.5,       0.0);         ( 258504.0,
4026812.8,      75.2,      75.2,       0.0);
     ( 258512.6, 4026791.1,      74.2,      74.2,       0.0);         ( 258521.1,
4026769.3,      73.2,      73.2,       0.0);
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```
     ( 258529.6, 4026747.6,      73.2,      79.0,      0.0);         ( 258538.2,
4026725.9,      74.7,      74.7,       0.0);
     ( 258546.7, 4026704.1,      76.1,      76.1,      0.0);         ( 258555.3,
4026682.4,      77.1,      77.1,       0.0);
     ( 258563.8, 4026660.7,      77.2,      77.2,      0.0);         ( 258572.3,
4026638.9,      76.8,      76.8,       0.0);
     ( 258580.9, 4026617.2,      75.9,      75.9,      0.0);         ( 258589.4,
4026595.5,      75.2,      81.0,       0.0);
     ( 258598.0, 4026573.7,      75.1,      81.0,      0.0);         ( 258606.5,
4026552.0,      74.8,      74.8,       0.0);
     ( 258615.0, 4026530.2,      74.3,      74.3,      0.0);         ( 258623.6,
4026508.5,      74.0,      74.0,       0.0);
     ( 258632.1, 4026486.8,      73.2,      73.2,      0.0);         ( 258640.6,
4026465.0,      72.7,      72.7,       0.0);
     ( 258649.2, 4026443.3,      72.9,      72.9,      0.0);         ( 258657.7,
4026421.6,      73.9,      73.9,       0.0);
     ( 258666.3, 4026399.8,      74.2,      74.2,      0.0);         ( 258674.8,
4026378.1,      74.5,      74.5,       0.0);
     ( 258683.3, 4026356.4,      74.7,      74.7,      0.0);         ( 258691.9,
4026334.6,      74.2,      74.2,       0.0);
     ( 258700.4, 4026312.9,      74.0,      74.0,      0.0);         ( 258708.9,
4026291.2,      74.1,      74.1,       0.0);
     ( 258717.5, 4026269.4,      74.1,      74.1,      0.0);         ( 258726.0,
4026247.7,      73.8,      73.8,       0.0);
     ( 258734.6, 4026225.9,      73.1,      73.1,      0.0);         ( 258743.1,
4026204.2,      71.7,      71.7,       0.0);
     ( 258751.6, 4026182.5,      71.0,      71.0,      0.0);         ( 258760.2,
4026160.7,      72.1,      72.1,       0.0);
     ( 258768.7, 4026139.0,      72.7,      72.7,      0.0);         ( 258777.3,
4026117.3,      73.1,      73.1,       0.0);
     ( 258785.8, 4026095.5,      73.0,      73.0,      0.0);         ( 258794.3,
4026073.8,      73.3,      73.3,       0.0);
     ( 258802.9, 4026052.1,      73.5,      73.5,      0.0);         ( 258811.4,
4026030.3,      73.9,      73.9,       0.0);
     ( 258819.9, 4026008.6,      73.0,      73.0,      0.0);         ( 258828.5,
4025986.8,      72.0,      72.0,       0.0);
     ( 258837.0, 4025965.1,      71.1,      71.1,      0.0);         ( 258845.6,
4025943.4,      71.2,      71.2,       0.0);
     ( 258854.1, 4025921.6,      71.8,      71.8,      0.0);         ( 258862.6,
4025899.9,      72.3,      72.3,       0.0);
```

```
     ( 258871.2, 4025878.2,      73.1,      73.1,       0.0);         ( 258901.1,
4025847.0,      72.2,      72.2,       0.0);
     ( 258922.5, 4025837.7,      72.5,      72.5,       0.0);         ( 258943.9,
4025828.3,      73.2,      73.2,       0.0);
     ( 258965.2, 4025818.9,      74.2,      74.2,       0.0);         ( 258986.6,
4025809.5,      74.6,      74.6,       0.0);
     ( 259008.0, 4025800.1,      74.7,      74.7,       0.0);         ( 259029.4,
4025790.7,      75.0,      75.0,       0.0);
     ( 259050.8, 4025781.3,      75.0,      75.0,       0.0);         ( 259072.1,
4025771.9,      75.0,      75.0,       0.0);
     ( 259093.5, 4025762.5,      75.0,      75.0,       0.0);         ( 259114.9,
4025753.1,      75.1,      75.1,       0.0);
     ( 259136.3, 4025743.8,      74.7,      74.7,       0.0);         ( 259157.7,
4025734.4,      74.3,      74.3,       0.0);
     ( 259179.1, 4025725.0,      73.9,      73.9,       0.0);         ( 259200.4,
4025715.6,      73.5,      73.5,       0.0);
     ( 259221.8, 4025706.2,      73.2,      73.2,       0.0);         ( 259243.2,
4025696.8,      73.5,      73.5,       0.0);
     ( 259264.6, 4025687.4,      74.1,      74.1,       0.0);         ( 259286.0,
4025678.0,      74.9,      74.9,       0.0);
     ( 259307.3, 4025668.6,      75.5,      75.5,       0.0);         ( 259328.7,
4025659.2,      74.6,      74.6,       0.0);
     ( 259350.1, 4025649.8,      73.0,      73.0,       0.0);         ( 259371.5,
4025640.5,      72.3,      72.3,       0.0);
     ( 259392.9, 4025631.1,      72.0,      72.0,       0.0);         ( 259414.3,
4025621.7,      72.1,      72.1,       0.0);
     ( 259435.6, 4025612.3,      72.8,      72.8,       0.0);         ( 259457.0,
4025602.9,      73.0,      73.0,       0.0);
     ( 259478.4, 4025593.5,      73.1,      73.1,       0.0);         ( 259499.8,
4025584.1,      73.9,      73.9,       0.0);
     ( 259521.2, 4025574.7,      74.0,      74.0,       0.0);         ( 259542.5,
4025565.3,      74.0,      74.0,       0.0);
     ( 259563.9, 4025555.9,      73.9,      73.9,       0.0);         ( 259585.3,
4025546.5,      73.0,      73.0,       0.0);
     ( 259606.7, 4025537.2,      72.8,      72.8,       0.0);         ( 259628.1,
4025527.8,      73.0,      73.0,       0.0);
     ( 259649.5, 4025518.4,      73.0,      73.0,       0.0);         ( 259670.8,
4025509.0,      72.6,      72.6,       0.0);
     ( 259692.2, 4025499.6,      72.5,      72.5,       0.0);         ( 259713.6,
4025490.2,      72.1,      72.1,       0.0);
     ( 259735.0, 4025480.8,      72.6,      72.6,       0.0);         ( 259756.4,
4025471.4,      72.7,      72.7,       0.0);
     ( 259777.8, 4025462.0,      73.0,      73.0,       0.0);         ( 259799.1,
4025452.6,      73.0,      73.0,       0.0);
     ( 259820.5, 4025443.3,      73.0,      73.0,       0.0);         ( 259841.9,
4025433.9,      73.0,      73.0,       0.0);
     ( 259863.3, 4025424.5,      73.0,      73.0,       0.0);         ( 259884.7,
4025415.1,      73.0,      73.0,       0.0);
     ( 259906.0, 4025405.7,      73.1,      73.1,       0.0);         ( 258461.3,
4026921.5,      73.8,      73.8,       0.0);
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(258461.8, 4026944.9, 73.8, 73.8, 0.0); (258462.1, 4026968.2, 73.7, 73.7, 0.0);
(258462.5, 4026991.6, 74.0, 74.0, 0.0); (258462.9, 4027014.9, 73.2, 73.2, 0.0);
(258463.3, 4027038.3, 73.0, 73.0, 0.0); (258463.7, 4027061.7, 73.8, 73.8, 0.0);
(259934.3, 4026786.8, 74.8, 74.8, 0.0); (259843.6, 4026789.2, 76.0, 76.0, 0.0);
(259775.6, 4026791.0, 76.0, 76.0, 0.0); (259910.3, 4026737.4, 77.0, 77.0, 0.0);
(259797.0, 4026740.4, 76.3, 76.3, 0.0); (259774.3, 4026741.0, 76.0, 76.0, 0.0);
(259751.6, 4026741.6, 76.0, 76.0, 0.0); (259930.3, 4026636.8, 76.6, 76.6, 0.0);
(259794.3, 4026640.4, 76.2, 76.2, 0.0); (259771.7, 4026641.0, 75.4, 75.4, 0.0);
(259749.0, 4026641.6, 75.8, 75.8, 0.0); (259950.4, 4026536.3, 76.1, 76.1, 0.0);
(259927.7, 4026536.9, 76.8, 76.8, 0.0); (259791.7, 4026540.4, 78.0, 78.0, 0.0);
(259769.0, 4026541.0, 78.0, 78.0, 0.0); (259746.4, 4026541.6, 78.0, 78.0, 0.0);
(259947.7, 4026436.3, 78.4, 78.4, 0.0); (259925.1, 4026436.9, 78.1, 78.1, 0.0);
(259789.1, 4026440.5, 73.5, 73.5, 0.0); (259766.4, 4026441.1, 73.9, 73.9, 0.0);
(259743.7, 4026441.7, 74.8, 74.8, 0.0); (259945.1, 4026336.3, 73.7, 73.7, 0.0);
(259922.4, 4026336.9, 74.9, 74.9, 0.0); (259786.4, 4026340.5, 74.5, 74.5, 0.0);
(259763.8, 4026341.1, 74.7, 74.7, 0.0); (259741.1, 4026341.7, 75.0, 75.0, 0.0);
(259939.8, 4026136.4, 75.1, 75.1, 0.0); (259917.2, 4026137.0, 75.1, 77.0, 0.0);
(259894.5, 4026137.6, 74.0, 77.0, 0.0); (259871.8, 4026138.2, 74.7, 74.7, 0.0);
(259849.2, 4026138.8, 75.8, 75.8, 0.0); (259826.5, 4026139.4, 76.6, 76.6, 0.0);

```
     ( 259803.8, 4026140.0,      76.4,      76.4,       0.0);         ( 259781.2,
4026140.6,      74.0,      77.0,       0.0);
     ( 259758.5, 4026141.2,      72.4,      72.4,       0.0);         ( 259735.8,
4026141.8,      72.1,      72.1,       0.0);
     ( 259934.6, 4025936.5,      73.0,      73.0,       0.0);         ( 259911.9,
4025937.1,      73.2,      73.2,       0.0);
     ( 259889.2, 4025937.7,      73.9,      73.9,       0.0);         ( 259866.6,
4025938.3,      74.0,      74.0,       0.0);
     ( 259843.9, 4025938.9,      74.0,      74.0,       0.0);         ( 259821.2,
4025939.5,      73.7,      73.7,       0.0);
     ( 259798.6, 4025940.1,      73.0,      73.0,       0.0);         ( 259775.9,
4025940.7,      73.0,      73.0,       0.0);
     ( 259753.2, 4025941.2,      73.0,      73.0,       0.0);         ( 259730.6,
4025941.8,      73.0,      73.0,       0.0);
     ( 259929.3, 4025736.5,      74.7,      74.7,       0.0);         ( 259906.6,
4025737.1,      75.0,      75.0,       0.0);
     ( 259884.0, 4025737.7,      75.0,      75.0,       0.0);         ( 259861.3,
4025738.3,      75.0,      75.0,       0.0);
     ( 259838.6, 4025738.9,      74.3,      74.3,       0.0);         ( 259816.0,
4025739.5,      74.2,      74.2,       0.0);
     ( 259793.3, 4025740.1,      74.2,      74.2,       0.0);         ( 259770.6,
4025740.7,      73.9,      73.9,       0.0);
     ( 259748.0, 4025741.3,      73.4,      73.4,       0.0);         ( 259725.3,
4025741.9,      73.4,      73.4,       0.0);
     ( 259924.0, 4025536.6,      73.1,      73.1,       0.0);         ( 259901.4,
4025537.2,      72.7,      72.7,       0.0);
     ( 259878.7, 4025537.8,      72.4,      72.4,       0.0);         ( 259856.0,
4025538.4,      72.1,      72.1,       0.0);
     ( 259833.4, 4025539.0,      72.9,      72.9,       0.0);         ( 259810.7,
4025539.6,      73.6,      73.6,       0.0);
     ( 259788.0, 4025540.2,      74.0,      74.0,       0.0);         ( 259765.4,
4025540.8,      74.0,      74.0,       0.0);
     ( 259742.7, 4025541.4,      74.0,      74.0,       0.0);         ( 259720.1,
4025542.0,      73.5,      73.5,       0.0);
     ( 260259.4, 4027030.6,      77.8,      77.8,       0.0);         ( 260258.9,
4027007.7,      77.4,      77.4,       0.0);
     ( 260258.4, 4026984.8,      77.0,      77.0,       0.0);         ( 260257.9,
4026962.0,      76.8,      76.8,       0.0);
     ( 260257.4, 4026939.1,      76.1,      76.1,       0.0);         ( 260256.9,
4026916.3,      75.9,      75.9,       0.0);
     ( 260256.4, 4026893.4,      76.0,      76.0,       0.0);         ( 260359.4,
4027028.4,      75.8,      75.8,       0.0);
     ( 260358.9, 4027005.5,      75.8,      75.8,       0.0);         ( 260358.4,
4026982.7,      75.5,      75.5,       0.0);
     ( 260357.9, 4026959.8,      75.2,      75.2,       0.0);         ( 260357.4,
4026936.9,      75.0,      75.0,       0.0);
     ( 260356.9, 4026914.1,      75.0,      75.0,       0.0);         ( 260356.4,
4026891.2,      75.0,      75.0,       0.0);
     ( 260459.4, 4027026.2,      73.2,      73.2,       0.0);         ( 260458.9,
4027003.3,      73.0,      73.0,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(260457.4, 4026934.8, 74.1, 74.1, 0.0); (260456.9,
4026911.9, 74.1, 74.1, 0.0);
(260456.4, 4026889.0, 74.5, 74.5, 0.0); (260659.3,
4027021.9, 79.4, 79.4, 0.0);
(260658.8, 4026999.0, 79.4, 79.4, 0.0); (260658.3,
4026976.1, 78.9, 78.9, 0.0);
(260657.8, 4026953.3, 78.0, 78.0, 0.0); (260657.3,
4026930.4, 76.5, 76.5, 0.0);
(260656.8, 4026907.5, 76.9, 76.9, 0.0); (260656.3,
4026884.7, 77.0, 77.0, 0.0);
(260859.3, 4027017.5, 78.4, 78.4, 0.0); (260858.8,
4026994.6, 78.7, 78.7, 0.0);
(260858.3, 4026971.8, 78.0, 78.0, 0.0); (260857.8,
4026948.9, 76.4, 79.0, 0.0);
(260857.3, 4026926.0, 74.3, 79.0, 0.0); (260856.8,
4026903.2, 73.6, 73.6, 0.0);
(260856.3, 4026880.3, 73.3, 73.3, 0.0); (261059.2,
4027013.1, 78.0, 78.0, 0.0);
(261058.7, 4026990.3, 78.0, 78.0, 0.0); (261058.2,
4026967.4, 77.2, 77.2, 0.0);
(261057.7, 4026944.5, 75.1, 77.0, 0.0); (261057.2,
4026921.7, 73.0, 77.0, 0.0);
(261056.7, 4026898.8, 72.3, 72.3, 0.0); (261056.2,
4026876.0, 74.5, 74.5, 0.0);
(261259.2, 4027008.8, 77.1, 77.1, 0.0); (261258.7,
4026985.9, 78.0, 78.0, 0.0);
(261258.2, 4026963.1, 78.0, 78.0, 0.0); (261257.7,
4026940.2, 77.3, 77.3, 0.0);
(261257.2, 4026917.3, 76.8, 76.8, 0.0); (261256.7,
4026894.5, 76.5, 76.5, 0.0);
(261256.2, 4026871.6, 76.5, 76.5, 0.0); (259796.1,
4026879.7, 76.3, 76.3, 0.0);
(259754.9, 4026854.3, 76.0, 76.0, 0.0); (259754.1,
4026829.3, 76.0, 76.0, 0.0);
(259782.1, 4026815.3, 76.0, 76.0, 0.0); (259810.9,
4026826.2, 76.0, 76.0, 0.0);

```
     ( 259798.0, 4026772.0,      76.0,      76.0,       0.0);         ( 259766.2,
4026710.5,      76.3,      76.3,       0.0);
     ( 259713.2, 4026705.6,      76.5,      76.5,       0.0);         ( 259863.1,
4026697.9,      76.9,      76.9,       0.0);
     ( 259730.1, 4026655.0,      76.3,      76.3,       0.0);         ( 259763.6,
4026610.8,      75.7,      75.7,       0.0);
     ( 259879.8, 4026655.0,      76.9,      76.9,       0.0);         ( 259977.3,
4026719.0,      78.0,      78.0,       0.0);
     ( 259998.9, 4026767.8,      76.0,      76.0,       0.0);         ( 259760.7,
4026510.9,      77.0,      77.0,       0.0);
     ( 259828.5, 4026536.7,      77.9,      77.9,       0.0);         ( 259879.3,
4026556.0,      77.0,      77.0,       0.0);
     ( 259913.1, 4026568.9,      77.7,      77.7,       0.0);         ( 259757.7,
4026411.1,      74.0,      74.0,       0.0);
     ( 259877.7, 4026456.7,      75.9,      75.9,       0.0);         ( 259912.0,
4026469.7,      77.2,      77.2,       0.0);
     ( 260031.9, 4026515.3,      76.5,      76.5,       0.0);         ( 260066.2,
4026528.3,      76.0,      76.0,       0.0);
     ( 260107.9, 4026558.1,      75.3,      75.3,       0.0);         ( 260137.6,
4026625.2,      75.8,      75.8,       0.0);
     ( 260182.2, 4026725.8,      74.8,      74.8,       0.0);         ( 260197.0,
4026759.3,      74.2,      74.2,       0.0);
     ( 260211.9, 4026792.8,      74.7,      74.7,       0.0);         ( 260226.7,
4026826.3,      75.1,      75.1,       0.0);
     ( 260241.6, 4026859.9,      75.7,      75.7,       0.0);         ( 259754.7,
4026311.2,      75.0,      75.0,       0.0);
     ( 259875.6, 4026357.1,      72.7,      72.7,       0.0);         ( 259910.1,
4026370.3,      74.5,      74.5,       0.0);
     ( 260031.1, 4026416.2,      74.9,      74.9,       0.0);         ( 260065.6,
4026429.4,      73.9,      73.9,       0.0);
     ( 260100.2, 4026442.5,      74.0,      74.0,       0.0);         ( 260134.7,
4026455.6,      74.8,      74.8,       0.0);
     ( 260199.2, 4026536.4,      73.4,      73.4,       0.0);         ( 260214.2,
4026570.2,      74.0,      74.0,       0.0);
     ( 260229.1, 4026604.0,      76.0,      76.0,       0.0);         ( 260244.1,
4026637.8,      76.6,      76.6,       0.0);
     ( 260259.1, 4026671.5,      75.6,      75.6,       0.0);         ( 260274.1,
4026705.3,      75.0,      75.0,       0.0);
     ( 260289.0, 4026739.1,      74.4,      74.4,       0.0);         ( 260304.0,
4026772.9,      74.0,      74.0,       0.0);
     ( 260319.0, 4026806.7,      75.0,      75.0,       0.0);         ( 260333.9,
4026840.5,      75.0,      75.0,       0.0);
     ( 259751.0, 4026211.0,      74.3,      74.3,       0.0);         ( 259784.6,
4026223.8,      75.0,      75.0,       0.0);
     ( 259868.6, 4026255.7,      76.7,      76.7,       0.0);         ( 259902.2,
4026268.5,      76.0,      76.0,       0.0);
     ( 260036.5, 4026319.6,      72.2,      72.2,       0.0);         ( 260070.1,
4026332.3,      72.0,      72.0,       0.0);
     ( 260103.7, 4026345.1,      73.7,      73.7,       0.0);         ( 260137.3,
4026357.9,      74.1,      74.1,       0.0);
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(260281.7, 4026494.8, 74.6, 74.6, 0.0); (260296.3, 4026527.6, 75.2, 75.2, 0.0);
(260310.8, 4026560.5, 75.0, 75.0, 0.0); (260325.4, 4026593.3, 74.0, 74.0, 0.0);
(260339.9, 4026626.2, 73.9, 73.9, 0.0); (260354.5, 4026659.0, 73.5, 73.5, 0.0);
(260369.0, 4026691.9, 74.2, 74.2, 0.0); (260383.6, 4026724.8, 75.7, 75.7, 0.0);
(260398.1, 4026757.6, 76.3, 76.3, 0.0); (260412.7, 4026790.5, 76.9, 76.9, 0.0);
(260427.3, 4026823.3, 76.6, 76.6, 0.0); (260441.8, 4026856.2, 75.6, 75.6, 0.0);
(259715.7, 4026205.2, 74.1, 74.1, 0.0); (259744.9, 4026011.2, 73.0, 73.0, 0.0);
(259779.0, 4026024.2, 72.7, 72.7, 0.0); (259864.2, 4026056.6, 71.1, 71.1, 0.0);
(259898.3, 4026069.6, 71.0, 71.0, 0.0); (259932.4, 4026082.5, 71.6, 71.6, 0.0);
(259966.5, 4026095.5, 72.3, 72.3, 0.0); (260000.6, 4026108.4, 72.9, 72.9, 0.0);
(260034.7, 4026121.4, 73.8, 73.8, 0.0); (260068.8, 4026134.4, 75.9, 75.9, 0.0);
(260102.9, 4026147.3, 76.0, 76.0, 0.0); (260137.0, 4026160.3, 76.3, 76.3, 0.0);
(260171.1, 4026173.3, 76.5, 76.5, 0.0); (260222.2, 4026192.7, 75.0, 75.0, 0.0);
(260341.5, 4026238.1, 74.0, 74.0, 0.0); (260383.0, 4026267.7, 74.1, 74.1, 0.0);
(260397.8, 4026301.1, 75.1, 75.1, 0.0); (260412.6, 4026334.4, 74.3, 74.3, 0.0);
(260427.3, 4026367.8, 73.9, 73.9, 0.0); (260442.1, 4026401.1, 74.0, 74.0, 0.0);
(260456.9, 4026434.5, 74.0, 74.0, 0.0); (260471.6, 4026467.8, 74.6, 74.6, 0.0);

```
     ( 260486.4, 4026501.2,      75.6,      75.6,       0.0);         ( 260501.2,
4026534.5,      75.5,      75.5,       0.0);
     ( 260516.0, 4026567.9,      74.9,      74.9,       0.0);         ( 260530.8,
4026601.2,      73.3,      73.3,       0.0);
     ( 260545.5, 4026634.6,      72.9,      72.9,       0.0);         ( 260560.3,
4026667.9,      74.1,      74.1,       0.0);
     ( 260575.1, 4026701.3,      75.9,      75.9,       0.0);         ( 260589.8,
4026734.6,      75.5,      75.5,       0.0);
     ( 260604.6, 4026768.0,      74.5,      74.5,       0.0);         ( 260619.4,
4026801.3,      73.6,      73.6,       0.0);
     ( 260634.2, 4026834.6,      74.6,      74.6,       0.0);         ( 259709.3,
4026005.3,      73.0,      73.0,       0.0);
     ( 259738.7, 4025811.4,      71.7,      71.7,       0.0);         ( 259773.1,
4025824.5,      72.1,      72.1,       0.0);
     ( 259859.1, 4025857.2,      74.0,      74.0,       0.0);         ( 259893.6,
4025870.3,      73.9,      73.9,       0.0);
     ( 259928.0, 4025883.4,      72.8,      72.8,       0.0);         ( 259962.4,
4025896.5,      72.7,      72.7,       0.0);
     ( 259996.8, 4025909.5,      74.1,      74.1,       0.0);         ( 260031.3,
4025922.6,      75.4,      75.4,       0.0);
     ( 260065.7, 4025935.7,      75.1,      75.1,       0.0);         ( 260100.1,
4025948.8,      77.0,      77.0,       0.0);
     ( 260134.5, 4025961.9,      78.8,      78.8,       0.0);         ( 260169.0,
4025975.0,      77.7,      77.7,       0.0);
     ( 260341.1, 4026040.4,      75.4,      75.4,       0.0);         ( 260375.5,
4026053.5,      76.6,      76.6,       0.0);
     ( 260409.9, 4026066.6,      76.1,      76.1,       0.0);         ( 260444.3,
4026079.7,      74.7,      74.7,       0.0);
     ( 260478.8, 4026092.8,      74.7,      74.7,       0.0);         ( 260520.7,
4026122.7,      76.8,      76.8,       0.0);
     ( 260535.6, 4026156.4,      74.3,      74.3,       0.0);         ( 260550.5,
4026190.0,      73.0,      73.0,       0.0);
     ( 260565.4, 4026223.7,      74.7,      74.7,       0.0);         ( 260580.3,
4026257.4,      76.0,      76.0,       0.0);
     ( 260595.2, 4026291.1,      74.1,      74.1,       0.0);         ( 260610.2,
4026324.7,      73.8,      73.8,       0.0);
     ( 260625.1, 4026358.4,      75.0,      75.0,       0.0);         ( 260640.0,
4026392.1,      73.9,      73.9,       0.0);
     ( 260654.9, 4026425.8,      73.0,      73.0,       0.0);         ( 260669.8,
4026459.4,      74.3,      74.3,       0.0);
     ( 260684.7, 4026493.1,      75.9,      75.9,       0.0);         ( 260699.7,
4026526.8,      76.6,      76.6,       0.0);
     ( 260714.6, 4026560.4,      76.5,      76.5,       0.0);         ( 260729.5,
4026594.1,      76.0,      76.0,       0.0);
     ( 260744.4, 4026627.8,      75.5,      75.5,       0.0);         ( 260759.3,
4026661.4,      76.9,      76.9,       0.0);
     ( 260774.2, 4026695.1,      75.4,      75.4,       0.0);         ( 260789.1,
4026728.8,      74.7,      74.7,       0.0);
     ( 260804.1, 4026762.5,      74.2,      74.2,       0.0);         ( 260819.0,
4026796.1,      75.5,      75.5,       0.0);
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(259919.2, 4025682.6, 76.0, 76.0, 0.0); (259953.3,
4025695.5, 73.9, 73.9, 0.0);
(259987.3, 4025708.4, 73.2, 73.2, 0.0); (260021.3,
4025721.4, 74.4, 74.4, 0.0);
(260055.3, 4025734.3, 76.0, 76.0, 0.0); (260089.4,
4025747.2, 76.8, 76.8, 0.0);
(260123.4, 4025760.2, 76.2, 76.2, 0.0); (260157.4,
4025773.1, 74.6, 74.6, 0.0);
(260208.4, 4025792.5, 75.1, 75.1, 0.0); (260344.5,
4025844.3, 75.1, 75.1, 0.0);
(260378.6, 4025857.2, 76.2, 76.2, 0.0); (260412.6,
4025870.1, 76.7, 76.7, 0.0);
(260446.6, 4025883.1, 77.1, 77.1, 0.0); (260480.6,
4025896.0, 78.2, 78.2, 0.0);
(260514.7, 4025909.0, 79.8, 79.8, 0.0); (260548.7,
4025921.9, 77.7, 77.7, 0.0);
(260582.7, 4025934.8, 76.0, 76.0, 0.0); (260616.8,
4025947.8, 75.8, 75.8, 0.0);
(260658.1, 4025977.3, 74.7, 74.7, 0.0); (260672.9,
4026010.6, 74.3, 74.3, 0.0);
(260687.6, 4026043.9, 74.8, 74.8, 0.0); (260702.4,
4026077.2, 74.5, 74.5, 0.0);
(260717.1, 4026110.5, 74.2, 74.2, 0.0); (260731.9,
4026143.8, 74.0, 74.0, 0.0);
(260746.6, 4026177.0, 74.9, 74.9, 0.0); (260761.3,
4026210.3, 76.0, 76.0, 0.0);
(260776.1, 4026243.6, 75.9, 75.9, 0.0); (260790.8,
4026276.9, 74.8, 74.8, 0.0);
(260805.6, 4026310.2, 74.0, 74.0, 0.0); (260820.3,
4026343.4, 74.5, 74.5, 0.0);
(260835.1, 4026376.7, 75.3, 75.3, 0.0); (260849.8,
4026410.0, 75.3, 75.3, 0.0);

```
     ( 260864.6, 4026443.3,      74.7,      74.7,       0.0);         ( 260879.3,
4026476.6,      74.9,      74.9,       0.0);
     ( 260894.0, 4026509.9,      76.5,      76.5,       0.0);         ( 260908.8,
4026543.1,      76.9,      76.9,       0.0);
     ( 260923.5, 4026576.4,      75.9,      75.9,       0.0);         ( 260938.3,
4026609.7,      74.8,      74.8,       0.0);
     ( 260953.0, 4026643.0,      73.4,      73.4,       0.0);         ( 260967.8,
4026676.3,      72.6,      72.6,       0.0);
     ( 260982.5, 4026709.5,      75.7,      75.7,       0.0);         ( 260997.3,
4026742.8,      77.7,      77.7,       0.0);
     ( 261012.0, 4026776.1,      78.3,      78.3,       0.0);         ( 261026.7,
4026809.4,      77.8,      77.8,       0.0);
     ( 261041.5, 4026842.7,      77.2,      77.2,       0.0);         ( 259696.6,
4025605.5,      72.9,      72.9,       0.0);
     ( 259725.8, 4025411.6,      72.6,      72.6,       0.0);         ( 259760.1,
4025424.6,      72.7,      72.7,       0.0);
     ( 259845.8, 4025457.2,      72.5,      72.5,       0.0);         ( 259880.1,
4025470.2,      72.4,      72.4,       0.0);
     ( 259914.3, 4025483.2,      73.0,      73.0,       0.0);         ( 259948.6,
4025496.3,      73.0,      73.0,       0.0);
     ( 259982.9, 4025509.3,      72.6,      72.6,       0.0);         ( 260017.2,
4025522.3,      72.5,      72.5,       0.0);
     ( 260051.4, 4025535.4,      73.4,      73.4,       0.0);         ( 260085.7,
4025548.4,      74.1,      74.1,       0.0);
     ( 260120.0, 4025561.4,      74.9,      74.9,       0.0);         ( 260154.3,
4025574.5,      73.0,      76.0,       0.0);
     ( 260205.7, 4025594.0,      70.8,      70.8,       0.0);         ( 260291.4,
4025626.6,      73.9,      73.9,       0.0);
     ( 260342.8, 4025646.1,      73.0,      73.0,       0.0);         ( 260377.0,
4025659.2,      73.6,      73.6,       0.0);
     ( 260411.3, 4025672.2,      73.0,      73.0,       0.0);         ( 260445.6,
4025685.2,      73.5,      73.5,       0.0);
     ( 260479.9, 4025698.3,      74.0,      74.0,       0.0);         ( 260514.1,
4025711.3,      74.1,      74.1,       0.0);
     ( 260548.4, 4025724.3,      74.0,      74.0,       0.0);         ( 260582.7,
4025737.3,      74.1,      74.1,       0.0);
     ( 260617.0, 4025750.4,      74.3,      74.3,       0.0);         ( 260651.2,
4025763.4,      73.7,      73.7,       0.0);
     ( 260685.5, 4025776.4,      73.8,      73.8,       0.0);         ( 260719.8,
4025789.5,      74.7,      74.7,       0.0);
     ( 260754.1, 4025802.5,      75.8,      75.8,       0.0);         ( 260795.8,
4025832.3,      76.0,      76.0,       0.0);
     ( 260810.6, 4025865.8,      75.8,      75.8,       0.0);         ( 260825.5,
4025899.4,      75.2,      75.2,       0.0);
     ( 260840.3, 4025932.9,      74.6,      74.6,       0.0);         ( 260855.2,
4025966.4,      73.1,      77.0,       0.0);
     ( 260870.0, 4025999.9,      73.3,      73.3,       0.0);         ( 260884.9,
4026033.5,      73.3,      73.3,       0.0);
     ( 260899.7, 4026067.0,      74.0,      74.0,       0.0);         ( 260914.6,
4026100.5,      74.5,      74.5,       0.0);
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(261048.3, 4026402.2, 77.2, 77.2, 0.0); (261063.1, 4026435.8, 78.0, 78.0, 0.0);
(261078.0, 4026469.3, 76.8, 76.8, 0.0); (261092.8, 4026502.8, 75.3, 75.3, 0.0);
(261107.7, 4026536.3, 75.6, 75.6, 0.0); (261122.5, 4026569.9, 76.1, 76.1, 0.0);
(261137.4, 4026603.4, 75.5, 75.5, 0.0); (261152.2, 4026636.9, 74.8, 74.8, 0.0);
(261167.1, 4026670.4, 74.9, 78.0, 0.0); (261181.9, 4026704.0, 76.3, 76.3, 0.0);
(261196.8, 4026737.5, 77.3, 77.3, 0.0); (261211.6, 4026771.0, 77.3, 77.3, 0.0);
(261226.5, 4026804.5, 76.2, 76.2, 0.0); (261241.3, 4026838.1, 76.0, 76.0, 0.0);
(259690.2, 4025405.6, 72.9, 72.9, 0.0); (259694.2, 4026881.0, 75.3, 75.3, 0.0);
(259644.5, 4026882.1, 75.7, 75.7, 0.0); (259619.7, 4026882.6, 76.0, 76.0, 0.0);
(259644.0, 4026857.1, 76.5, 76.5, 0.0); (259619.1, 4026857.6, 76.8, 76.8, 0.0);
(259569.5, 4026858.7, 75.7, 75.7, 0.0); (259544.6, 4026859.3, 75.2, 75.2, 0.0);
(259519.8, 4026859.8, 74.8, 74.8, 0.0); (259470.1, 4026860.9, 75.3, 75.3, 0.0);
(259445.3, 4026861.4, 75.3, 75.3, 0.0); (259643.4, 4026832.1, 78.1, 81.0, 0.0);
(259618.6, 4026832.7, 78.4, 78.4, 0.0); (259544.1, 4026834.3, 75.8, 75.8, 0.0);
(259519.2, 4026834.8, 75.4, 75.4, 0.0); (259444.8, 4026836.5, 76.1, 76.1, 0.0);

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     ( 259667.7, 4026806.6,      78.1,      81.0,       0.0);         ( 259642.9,
4026807.1,      80.8,      80.8,       0.0);
     ( 259568.4, 4026808.8,      78.3,      78.3,       0.0);         ( 259543.5,
4026809.3,      77.5,      77.5,       0.0);
     ( 259469.0, 4026810.9,      77.9,      77.9,       0.0);         ( 259444.2,
4026811.5,      77.1,      77.1,       0.0);
     ( 259691.4, 4026756.0,      76.0,      81.0,       0.0);         ( 259666.6,
4026756.6,      77.3,      81.0,       0.0);
     ( 259641.8, 4026757.1,      78.9,      78.9,       0.0);         ( 259592.1,
4026758.2,      78.4,      78.4,       0.0);
     ( 259567.3, 4026758.8,      77.5,      77.5,       0.0);         ( 259542.4,
4026759.3,      77.7,      77.7,       0.0);
     ( 259492.8, 4026760.4,      78.9,      78.9,       0.0);         ( 259467.9,
4026760.9,      78.5,      78.5,       0.0);
     ( 259443.1, 4026761.5,      77.2,      77.2,       0.0);         ( 259690.4,
4026706.1,      76.8,      76.8,       0.0);
     ( 259665.5, 4026706.6,      77.3,      77.3,       0.0);         ( 259591.0,
4026708.2,      76.0,      76.0,       0.0);
     ( 259566.2, 4026708.8,      75.7,      75.7,       0.0);         ( 259491.7,
4026710.4,      77.8,      77.8,       0.0);
     ( 259466.8, 4026710.9,      78.0,      78.0,       0.0);         ( 259689.3,
4026656.1,      77.8,      77.8,       0.0);
     ( 259639.6, 4026657.2,      77.8,      77.8,       0.0);         ( 259614.8,
4026657.7,      77.1,      77.1,       0.0);
     ( 259589.9, 4026658.2,      77.1,      77.1,       0.0);         ( 259515.4,
4026659.9,      76.5,      76.5,       0.0);
     ( 259490.6, 4026660.4,      77.3,      77.3,       0.0);         ( 259663.3,
4026606.6,      78.2,      78.2,       0.0);
     ( 259638.5, 4026607.2,      78.5,      78.5,       0.0);         ( 259613.7,
4026607.7,      79.0,      79.0,       0.0);
     ( 259539.2, 4026609.3,      76.6,      76.6,       0.0);         ( 259514.3,
4026609.9,      76.8,      76.8,       0.0);
     ( 259439.8, 4026611.5,      77.0,      77.0,       0.0);         ( 259636.3,
4026507.2,      78.5,      78.5,       0.0);
     ( 259611.5, 4026507.7,      77.7,      77.7,       0.0);         ( 259586.6,
4026508.3,      77.0,      77.0,       0.0);
     ( 259561.8, 4026508.8,      76.1,      76.1,       0.0);         ( 259487.3,
4026510.4,      77.4,      77.4,       0.0);
     ( 259462.5, 4026511.0,      78.0,      78.0,       0.0);         ( 259634.1,
4026407.2,      77.9,      77.9,       0.0);
     ( 259609.3, 4026407.8,      79.2,      79.2,       0.0);         ( 259584.5,
4026408.3,      79.5,      79.5,       0.0);
     ( 259559.6, 4026408.8,      79.2,      79.2,       0.0);         ( 259534.8,
4026409.4,      78.5,      78.5,       0.0);
     ( 259435.5, 4026411.6,      78.6,      78.6,       0.0);         ( 259631.9,
4026307.2,      76.5,      76.5,       0.0);
     ( 259607.1, 4026307.8,      76.1,      76.1,       0.0);         ( 259582.3,
4026308.3,      76.0,      76.0,       0.0);
     ( 259557.4, 4026308.9,      75.9,      75.9,       0.0);         ( 259532.6,
4026309.4,      75.1,      75.1,       0.0);
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(259530.4, 4026209.4, 78.0, 78.0, 0.0); (259675.1, 4026006.2, 72.7, 72.7, 0.0);
(259650.2, 4026006.8, 72.0, 72.0, 0.0); (259625.4, 4026007.3, 71.2, 71.2, 0.0);
(259600.6, 4026007.9, 71.6, 71.6, 0.0); (259575.7, 4026008.4, 72.3, 72.3, 0.0);
(259550.9, 4026008.9, 72.7, 72.7, 0.0); (259526.1, 4026009.5, 72.7, 72.7, 0.0);
(259670.7, 4025806.3, 74.0, 74.0, 0.0); (259645.9, 4025806.8, 73.9, 73.9, 0.0);
(259621.0, 4025807.4, 73.0, 73.0, 0.0); (259596.2, 4025807.9, 72.5, 72.5, 0.0);
(259571.4, 4025808.4, 72.1, 72.1, 0.0); (259546.5, 4025809.0, 72.0, 72.0, 0.0);
(259521.7, 4025809.5, 72.0, 72.0, 0.0); (259666.3, 4025606.3, 72.9, 72.9, 0.0);
(259641.5, 4025606.9, 73.0, 73.0, 0.0); (259616.6, 4025607.4, 72.9, 72.9, 0.0);
(259591.8, 4025607.9, 72.1, 72.1, 0.0); (259567.0, 4025608.5, 72.8, 72.8, 0.0);
(259542.1, 4025609.0, 73.0, 73.0, 0.0); (259517.3, 4025609.6, 73.0, 73.0, 0.0);
(259661.9, 4025406.4, 73.6, 73.6, 0.0); (259637.1, 4025406.9, 74.0, 74.0, 0.0);
(259612.3, 4025407.5, 73.8, 73.8, 0.0); (259587.4, 4025408.0, 73.3, 73.3, 0.0);
(259562.6, 4025408.5, 73.9, 73.9, 0.0); (259537.8, 4025409.1, 74.0, 74.0, 0.0);

```
     ( 259512.9, 4025409.6,      73.4,      73.4,       0.0);         ( 259488.1,
4025410.2,      72.9,      72.9,       0.0);
     ( 259463.3, 4025410.7,      72.6,      72.6,       0.0);         ( 259438.4,
4025411.3,      72.4,      72.4,       0.0);
     ( 259413.6, 4025411.8,      72.6,      72.6,       0.0);         ( 259422.2,
4026953.7,      76.2,      76.2,       0.0);
     ( 259423.0, 4026995.4,      74.4,      74.4,       0.0);         ( 259396.8,
4026933.3,      77.3,      77.3,       0.0);
     ( 259397.6, 4026975.0,      75.5,      75.5,       0.0);         ( 259398.4,
4027016.8,      74.5,      74.5,       0.0);
     ( 259409.8, 4026851.8,      75.6,      75.6,       0.0);         ( 259317.3,
4026860.9,      76.7,      76.7,       0.0);
     ( 259331.2, 4026825.4,      76.0,      76.0,       0.0);         ( 259355.7,
4026799.9,      76.6,      76.6,       0.0);
     ( 259296.8, 4026935.2,      76.8,      76.8,       0.0);         ( 259297.6,
4026976.9,      75.0,      75.0,       0.0);
     ( 259298.4, 4027018.7,      74.0,      74.0,       0.0);         ( 259354.6,
4026749.9,      77.0,      77.0,       0.0);
     ( 259389.5, 4026734.5,      77.5,      77.5,       0.0);         ( 259217.3,
4026862.8,      76.1,      76.1,       0.0);
     ( 259231.2, 4026827.3,      77.0,      77.0,       0.0);         ( 259245.1,
4026791.7,      77.3,      77.3,       0.0);
     ( 259259.1, 4026756.1,      76.2,      76.2,       0.0);         ( 259283.5,
4026730.6,      75.3,      75.3,       0.0);
     ( 259371.0, 4026692.2,      78.0,      78.0,       0.0);         ( 259405.9,
4026676.9,      78.5,      78.5,       0.0);
     ( 259196.8, 4026937.1,      74.9,      74.9,       0.0);         ( 259197.6,
4026978.8,      74.1,      74.1,       0.0);
     ( 259198.4, 4027020.6,      73.1,      73.1,       0.0);         ( 259169.2,
4026858.9,      76.1,      76.1,       0.0);
     ( 259184.4, 4026820.1,      76.0,      76.0,       0.0);         ( 259199.6,
4026781.3,      77.0,      77.0,       0.0);
     ( 259214.8, 4026742.5,      77.2,      77.2,       0.0);         ( 259249.0,
4026695.3,      76.2,      76.2,       0.0);
     ( 259287.2, 4026678.5,      76.4,      76.4,       0.0);         ( 259325.4,
4026661.8,      77.1,      77.1,       0.0);
     ( 259401.7, 4026628.3,      77.3,      77.3,       0.0);         ( 259146.8,
4026938.0,      76.0,      76.0,       0.0);
     ( 259147.6, 4026979.8,      75.8,      75.8,       0.0);         ( 259148.4,
4027021.5,      75.7,      75.7,       0.0);
     ( 259213.8, 4026609.9,      78.9,      78.9,       0.0);         ( 259251.1,
4026593.5,      81.4,      81.4,       0.0);
     ( 259288.4, 4026577.1,      81.3,      81.3,       0.0);         ( 259325.7,
4026560.7,      77.6,      77.6,       0.0);
     ( 259363.0, 4026544.3,      76.4,      76.4,       0.0);         ( 258968.5,
4026864.8,      80.3,      80.3,       0.0);
     ( 258983.1, 4026827.3,      82.0,      82.0,       0.0);         ( 258997.8,
4026789.9,      82.5,      82.5,       0.0);
     ( 259012.4, 4026752.4,      81.1,      81.1,       0.0);         ( 259027.1,
4026715.0,      80.0,      80.0,       0.0);
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(258947.7, 4026983.6, 75.5, 75.5, 0.0); (258948.5, 4027025.4, 74.9, 74.9, 0.0);
(259070.8, 4026470.8, 77.0, 77.0, 0.0); (259108.9, 4026454.0, 76.0, 76.0, 0.0);
(259147.1, 4026437.3, 76.2, 76.2, 0.0); (259185.2, 4026420.5, 78.5, 80.0, 0.0);
(259223.4, 4026403.8, 81.6, 81.6, 0.0); (259299.7, 4026370.2, 81.0, 81.0, 0.0);
(259337.9, 4026353.5, 79.2, 79.2, 0.0); (259376.0, 4026336.7, 77.2, 77.2, 0.0);
(258754.0, 4026905.6, 75.3, 75.3, 0.0); (258769.0, 4026867.3, 74.0, 74.0, 0.0);
(258784.0, 4026829.0, 73.8, 73.8, 0.0); (258799.0, 4026790.7, 74.5, 74.5, 0.0);
(258814.0, 4026752.4, 74.1, 74.1, 0.0); (258829.0, 4026714.1, 73.1, 73.1, 0.0);
(258843.9, 4026675.8, 72.9, 72.9, 0.0); (258858.9, 4026637.4, 72.8, 72.8, 0.0);
(258873.9, 4026599.1, 75.0, 75.0, 0.0); (258888.9, 4026560.8, 75.6, 75.6, 0.0);
(258903.9, 4026522.5, 76.6, 76.6, 0.0); (258918.9, 4026484.2, 76.7, 76.7, 0.0);
(258933.9, 4026445.9, 75.3, 75.3, 0.0); (258960.2, 4026418.4, 78.0, 78.0, 0.0);
(258997.9, 4026401.9, 78.5, 78.5, 0.0); (259035.6, 4026385.3, 77.6, 77.6, 0.0);

```
     ( 259110.9, 4026352.2,      78.3,      78.3,       0.0);         ( 259148.6,
4026335.7,      79.0,      79.0,       0.0);
     ( 259186.2, 4026319.1,      79.0,      79.0,       0.0);         ( 259223.9,
4026302.6,      79.0,      79.0,       0.0);
     ( 259261.6, 4026286.1,      78.5,      78.5,       0.0);         ( 259299.2,
4026269.5,      78.3,      78.3,       0.0);
     ( 258746.9, 4026945.7,      78.0,      78.0,       0.0);         ( 258747.7,
4026987.4,      79.8,      79.8,       0.0);
     ( 258748.5, 4027029.2,      79.2,      79.2,       0.0);         ( 258554.1,
4026909.2,      74.8,      74.8,       0.0);
     ( 258569.3, 4026870.4,      75.0,      75.0,       0.0);         ( 258584.5,
4026831.6,      72.7,      72.7,       0.0);
     ( 258599.7, 4026792.8,      73.1,      73.1,       0.0);         ( 258614.9,
4026753.9,      74.5,      74.5,       0.0);
     ( 258630.1, 4026715.1,      73.2,      73.2,       0.0);         ( 258645.3,
4026676.3,      74.0,      74.0,       0.0);
     ( 258660.4, 4026637.5,      74.0,      74.0,       0.0);         ( 258675.6,
4026598.7,      74.0,      74.0,       0.0);
     ( 258690.8, 4026559.9,      74.0,      74.0,       0.0);         ( 258706.0,
4026521.1,      74.2,      74.2,       0.0);
     ( 258721.2, 4026482.3,      74.0,      74.0,       0.0);         ( 258736.4,
4026443.4,      74.2,      74.2,       0.0);
     ( 258751.5, 4026404.6,      75.0,      75.0,       0.0);         ( 258766.7,
4026365.8,      75.1,      75.1,       0.0);
     ( 258781.9, 4026327.0,      74.0,      74.0,       0.0);         ( 258816.2,
4026279.8,      73.6,      73.6,       0.0);
     ( 258854.3, 4026263.1,      73.3,      73.3,       0.0);         ( 258892.5,
4026246.3,      74.1,      74.1,       0.0);
     ( 258968.8, 4026212.8,      78.4,      78.4,       0.0);         ( 259007.0,
4026196.0,      80.0,      80.0,       0.0);
     ( 259045.1, 4026179.3,      80.0,      80.0,       0.0);         ( 259083.3,
4026162.5,      78.9,      78.9,       0.0);
     ( 259121.4, 4026145.7,      77.8,      77.8,       0.0);         ( 259159.6,
4026129.0,      75.9,      75.9,       0.0);
     ( 258546.9, 4026949.5,      74.2,      74.2,       0.0);         ( 258547.8,
4026991.2,      75.0,      75.0,       0.0);
     ( 258548.5, 4027033.0,      74.4,      74.4,       0.0);         ( 258354.1,
4026913.3,      76.7,      76.7,       0.0);
     ( 258369.0, 4026875.1,      74.7,      74.7,       0.0);         ( 258383.9,
4026837.0,      71.5,      71.5,       0.0);
     ( 258398.9, 4026798.8,      74.0,      77.0,       0.0);         ( 258413.8,
4026760.6,      77.4,      77.4,       0.0);
     ( 258428.8, 4026722.4,      78.3,      78.3,       0.0);         ( 258443.7,
4026684.2,      77.6,      77.6,       0.0);
     ( 258458.6, 4026646.1,      76.5,      76.5,       0.0);         ( 258473.6,
4026607.9,      77.2,      77.2,       0.0);
     ( 258488.5, 4026569.7,      78.8,      81.0,       0.0);         ( 258503.4,
4026531.5,      78.6,      80.0,       0.0);
     ( 258518.4, 4026493.3,      75.6,      81.0,       0.0);         ( 258533.3,
4026455.1,      74.7,      74.7,       0.0);
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     ( 258440.7, 4026184.6,      74.8,      74.8,       0.0);         ( 258455.8,
4026146.1,      75.2,      75.2,       0.0);
     ( 258470.8, 4026107.6,      76.1,      76.1,       0.0);         ( 258485.9,
4026069.0,      76.1,      76.1,       0.0);
     ( 258501.0, 4026030.5,      75.3,      75.3,       0.0);         ( 258527.5,
4026002.9,      74.0,      74.0,       0.0);
     ( 258565.4, 4025986.2,      72.6,      72.6,       0.0);         ( 258603.3,
4025969.6,      73.1,      73.1,       0.0);
     ( 258641.2, 4025952.9,      74.4,      74.4,       0.0);         ( 258679.1,
4025936.3,      75.4,      75.4,       0.0);
     ( 258716.9, 4025919.7,      74.3,      74.3,       0.0);         ( 258754.8,
4025903.0,      73.8,      73.8,       0.0);
     ( 258792.7, 4025886.4,      72.9,      72.9,       0.0);         ( 258830.6,
4025869.7,      73.3,      73.3,       0.0);
     ( 258868.5, 4025853.1,      73.9,      73.9,       0.0);         ( 258147.0,
4026957.1,      72.1,      72.1,       0.0);
     ( 258147.8, 4026998.9,      74.3,      74.3,       0.0);         ( 258148.6,
4027040.6,      73.7,      73.7,       0.0);
     ( 257954.3, 4026920.6,      76.7,      76.7,       0.0);         ( 257969.4,
4026881.8,      76.4,      76.4,       0.0);
     ( 257984.6, 4026843.0,      76.0,      76.0,       0.0);         ( 257999.8,
4026804.2,      76.6,      76.6,       0.0);
     ( 258015.0, 4026765.4,      75.0,      75.0,       0.0);         ( 258030.2,
4026726.6,      74.8,      74.8,       0.0);
     ( 258045.4, 4026687.8,      74.0,      74.0,       0.0);         ( 258060.5,
4026649.0,      74.7,      74.7,       0.0);
     ( 258075.7, 4026610.1,      76.1,      76.1,       0.0);         ( 258090.9,
4026571.3,      75.0,      75.0,       0.0);
     ( 258106.1, 4026532.5,      74.6,      74.6,       0.0);         ( 258121.3,
4026493.7,      75.1,      75.1,       0.0);
     ( 258136.5, 4026454.9,      76.3,      76.3,       0.0);         ( 258151.7,
4026416.1,      77.1,      77.1,       0.0);
     ( 258166.8, 4026377.3,      77.6,      77.6,       0.0);         ( 258182.0,
4026338.5,      77.0,      77.0,       0.0);
     ( 258197.2, 4026299.6,      77.0,      77.0,       0.0);         ( 258212.4,
4026260.8,      75.2,      75.2,       0.0);
     ( 258227.6, 4026222.0,      74.2,      74.2,       0.0);         ( 258242.8,
4026183.2,      76.9,      76.9,       0.0);
     ( 258257.9, 4026144.4,      78.7,      78.7,       0.0);         ( 258273.1,
4026105.6,      77.0,      77.0,       0.0);
     ( 258288.3, 4026066.8,      75.4,      75.4,       0.0);         ( 258303.5,
4026028.0,      73.0,      73.0,       0.0);
     ( 258318.7, 4025989.1,      73.8,      73.8,       0.0);         ( 258333.9,
4025950.3,      73.9,      73.9,       0.0);
     ( 258349.1, 4025911.5,      73.0,      73.0,       0.0);         ( 258383.3,
4025864.3,      74.0,      74.0,       0.0);
     ( 258421.5, 4025847.6,      73.0,      73.0,       0.0);         ( 258459.6,
4025830.8,      73.1,      73.1,       0.0);
     ( 258497.8, 4025814.0,      72.9,      72.9,       0.0);         ( 258536.0,
4025797.3,      73.0,      73.0,       0.0);
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(259184.7, 4025512.4, 71.4, 71.4, 0.0); (259222.8, 4025495.6, 72.0, 72.0, 0.0);
(259261.0, 4025478.8, 72.0, 72.0, 0.0); (259299.1, 4025462.1, 72.0, 72.0, 0.0);
(259337.3, 4025445.3, 72.5, 72.5, 0.0); (259375.5, 4025428.6, 72.2, 72.2, 0.0);
(257947.1, 4026960.9, 76.0, 76.0, 0.0); (257947.9, 4027002.7, 75.8, 75.8, 0.0);
(257948.6, 4027044.4, 74.2, 74.2, 0.0); (259440.8, 4026786.8, 77.0, 77.0, 0.0);
(259379.4, 4026788.8, 78.0, 78.0, 0.0); (259436.0, 4026636.9, 77.0, 77.0, 0.0);
(259432.8, 4026536.9, 77.1, 77.1, 0.0); (259426.4, 4026337.1, 75.7, 75.7, 0.0);
(259420.0, 4026137.2, 77.0, 77.0, 0.0); (259379.1, 4026138.5, 76.6, 76.6, 0.0);
(259413.7, 4025937.3, 73.0, 73.0, 0.0); (259372.8, 4025938.6, 73.3, 73.3, 0.0);
(259407.3, 4025737.4, 71.2, 71.2, 0.0); (259366.4, 4025738.7, 71.5, 71.5, 0.0);
(259400.9, 4025537.5, 71.9, 71.9, 0.0); (259360.0, 4025538.8, 71.6, 71.6, 0.0);

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     ( 259359.6, 4026838.1,      76.0,      76.0,       0.0);         ( 259400.7,
4026338.8,      76.3,      76.3,       0.0);
     ( 259330.9, 4027040.0,      74.0,      74.0,       0.0);         ( 259334.1,
4027080.6,      74.0,      74.0,       0.0);
     ( 259338.1, 4026995.9,      74.8,      74.8,       0.0);         ( 259306.0,
4027042.0,      74.0,      74.0,       0.0);
     ( 259309.2, 4027082.5,      74.0,      74.0,       0.0);         ( 259338.6,
4026970.9,      75.4,      75.4,       0.0);
     ( 259282.6, 4027064.2,      74.0,      74.0,       0.0);         ( 259285.8,
4027104.8,      74.0,      74.0,       0.0);
     ( 259320.4, 4026953.8,      75.6,      75.6,       0.0);         ( 259259.3,
4027086.4,      74.0,      74.0,       0.0);
     ( 259219.7, 4027011.6,      73.8,      73.8,       0.0);         ( 259233.2,
4026973.4,      74.1,      74.1,       0.0);
     ( 259206.3, 4027049.8,      73.0,      73.0,       0.0);         ( 259209.5,
4027090.4,      73.0,      73.0,       0.0);
     ( 259176.6, 4026996.4,      74.7,      74.7,       0.0);         ( 259156.4,
4027053.7,      74.9,      74.9,       0.0);
     ( 259159.6, 4027094.3,      73.9,      73.9,       0.0);         ( 259113.3,
4027038.5,      75.4,      75.4,       0.0);
     ( 259126.8, 4027000.3,      76.0,      76.0,       0.0);         ( 259192.5,
4026858.8,      76.0,      76.0,       0.0);
     ( 259267.2, 4026827.4,      77.4,      77.4,       0.0);         ( 259108.2,
4027077.9,      74.1,      74.1,       0.0);
     ( 259111.4, 4027118.5,      72.7,      72.7,       0.0);         ( 259090.4,
4026966.0,      75.5,      75.5,       0.0);
     ( 259103.8, 4026927.8,      76.2,      76.2,       0.0);         ( 259117.3,
4026889.6,      78.4,      78.4,       0.0);
     ( 259130.8, 4026851.4,      79.0,      79.0,       0.0);         ( 259156.1,
4026824.5,      77.1,      77.1,       0.0);
     ( 259212.2, 4026800.9,      76.7,      76.7,       0.0);         ( 259268.2,
4026777.4,      76.9,      76.9,       0.0);
     ( 259058.3, 4027081.8,      74.0,      74.0,       0.0);         ( 259061.5,
4027122.4,      73.6,      73.6,       0.0);
     ( 258963.8, 4027050.3,      74.0,      74.0,       0.0);         ( 258977.2,
4027012.1,      75.3,      75.3,       0.0);
     ( 258990.7, 4026973.9,      76.5,      76.5,       0.0);         ( 259004.1,
4026935.7,      78.5,      78.5,       0.0);
     ( 259031.1, 4026859.3,      82.0,      82.0,       0.0);         ( 259044.5,
4026821.0,      82.2,      82.2,       0.0);
     ( 259058.0, 4026782.8,      82.0,      82.0,       0.0);         ( 259083.4,
4026755.9,      81.3,      81.3,       0.0);
     ( 259176.7, 4026716.6,      76.6,      76.6,       0.0);         ( 259214.1,
4026700.9,      76.5,      76.5,       0.0);
     ( 258958.6, 4027089.7,      74.3,      74.3,       0.0);         ( 258961.8,
4027130.2,      75.6,      75.6,       0.0);
     ( 258884.3, 4027000.8,      76.5,      76.5,       0.0);         ( 258897.7,
4026962.6,      76.2,      79.0,       0.0);
     ( 258911.2, 4026924.4,      77.1,      77.1,       0.0);         ( 258924.6,
4026886.2,      77.3,      77.3,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(258872.0, 4026760.3, 74.5, 74.5, 0.0); (258885.5, 4026722.1, 74.1, 74.1, 0.0);
(258898.9, 4026683.9, 76.1, 76.1, 0.0); (258912.4, 4026645.7, 77.1, 77.1, 0.0);
(258937.8, 4026618.7, 77.1, 77.1, 0.0); (259012.5, 4026587.3, 79.4, 79.4, 0.0);
(259049.8, 4026571.6, 80.0, 80.0, 0.0); (258759.3, 4027105.3, 76.5, 76.5, 0.0);
(258762.4, 4027145.9, 77.2, 77.2, 0.0); (258684.9, 4027016.5, 76.0, 76.0, 0.0);
(258698.3, 4026978.3, 77.7, 77.7, 0.0); (258711.8, 4026940.1, 77.6, 77.6, 0.0);
(258725.2, 4026901.9, 75.1, 75.1, 0.0); (258738.7, 4026863.6, 73.9, 73.9, 0.0);
(258752.2, 4026825.4, 73.5, 73.5, 0.0); (258765.6, 4026787.2, 73.4, 73.4, 0.0);
(258779.1, 4026749.0, 74.0, 74.0, 0.0); (258792.5, 4026710.8, 73.5, 73.5, 0.0);
(258806.0, 4026672.6, 73.4, 73.4, 0.0); (258819.4, 4026634.4, 73.6, 73.6, 0.0);

```
     ( 258832.9, 4026596.2,      76.0,      76.0,       0.0);         ( 258865.0,
4026550.2,      75.9,      75.9,       0.0);
     ( 258939.7, 4026518.8,      76.4,      76.4,       0.0);         ( 258977.0,
4026503.0,      75.6,      75.6,       0.0);
     ( 258658.0, 4027092.9,      75.6,      75.6,       0.0);         ( 258661.2,
4027133.4,      75.8,      75.8,       0.0);
     ( 258465.3, 4027089.4,      75.5,      75.5,       0.0);         ( 258485.5,
4027032.1,      73.1,      73.1,       0.0);
     ( 258498.9, 4026993.9,      73.3,      73.3,       0.0);         ( 258512.4,
4026955.7,      73.2,      73.2,       0.0);
     ( 258525.9, 4026917.5,      73.8,      73.8,       0.0);         ( 258539.3,
4026879.3,      73.3,      73.3,       0.0);
     ( 258552.8, 4026841.1,      73.0,      73.0,       0.0);         ( 258566.2,
4026802.9,      72.1,      72.1,       0.0);
     ( 258579.7, 4026764.7,      73.5,      73.5,       0.0);         ( 258593.1,
4026726.5,      74.3,      74.3,       0.0);
     ( 258606.6, 4026688.3,      74.8,      74.8,       0.0);         ( 258620.1,
4026650.1,      74.9,      74.9,       0.0);
     ( 258633.5, 4026611.9,      74.0,      74.0,       0.0);         ( 258647.0,
4026573.7,      74.0,      74.0,       0.0);
     ( 258660.4, 4026535.5,      73.2,      73.2,       0.0);         ( 258673.9,
4026497.3,      73.8,      73.8,       0.0);
     ( 258687.3, 4026459.1,      73.9,      73.9,       0.0);         ( 258719.5,
4026413.0,      75.2,      75.2,       0.0);
     ( 258775.5, 4026389.4,      75.8,      75.8,       0.0);         ( 258812.8,
4026373.8,      76.0,      76.0,       0.0);
     ( 258850.1, 4026358.0,      76.0,      76.0,       0.0);         ( 258924.8,
4026326.6,      76.7,      76.7,       0.0);
     ( 258962.2, 4026310.9,      78.0,      78.0,       0.0);         ( 258999.5,
4026295.2,      78.0,      78.0,       0.0);
     ( 259036.8, 4026279.5,      78.3,      78.3,       0.0);         ( 259074.2,
4026263.8,      78.2,      78.2,       0.0);
     ( 259167.5, 4026224.6,      78.5,      78.5,       0.0);         ( 259204.9,
4026208.9,      78.8,      78.8,       0.0);
     ( 259242.2, 4026193.2,      78.6,      78.6,       0.0);         ( 259279.5,
4026177.5,      80.2,      80.2,       0.0);
     ( 259316.9, 4026161.8,      80.4,      80.4,       0.0);         ( 259354.2,
4026146.1,      76.9,      76.9,       0.0);
     ( 258460.2, 4027128.8,      75.7,      75.7,       0.0);         ( 258463.4,
4027169.4,      74.5,      74.5,       0.0);
     ( 258265.9, 4027105.1,      74.0,      74.0,       0.0);         ( 258279.4,
4027066.9,      74.1,      74.1,       0.0);
     ( 258292.8, 4027028.7,      74.8,      74.8,       0.0);         ( 258306.3,
4026990.5,      75.0,      75.0,       0.0);
     ( 258319.8, 4026952.3,      74.9,      74.9,       0.0);         ( 258339.9,
4026895.0,      76.2,      76.2,       0.0);
     ( 258353.4, 4026856.8,      74.3,      74.3,       0.0);         ( 258366.8,
4026818.6,      72.7,      72.7,       0.0);
     ( 258380.3, 4026780.4,      75.3,      75.3,       0.0);         ( 258393.8,
4026742.2,      77.1,      77.1,       0.0);
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     ( 258407.2, 4026704.0,      77.3,      77.3,       0.0);         ( 258420.7,
4026665.8,      77.0,      77.0,       0.0);
     ( 258434.1, 4026627.5,      76.0,      76.0,       0.0);         ( 258447.6,
4026589.3,      75.2,      75.2,       0.0);
     ( 258461.0, 4026551.1,      75.6,      81.0,       0.0);         ( 258474.5,
4026512.9,      75.7,      75.7,       0.0);
     ( 258488.0, 4026474.7,      74.8,      74.8,       0.0);         ( 258501.4,
4026436.5,      74.3,      74.3,       0.0);
     ( 258514.9, 4026398.3,      75.0,      75.0,       0.0);         ( 258528.3,
4026360.1,      75.4,      75.4,       0.0);
     ( 258541.8, 4026321.9,      76.0,      76.0,       0.0);         ( 258573.9,
4026275.8,      74.4,      74.4,       0.0);
     ( 258629.9, 4026252.3,      75.0,      75.0,       0.0);         ( 258667.2,
4026236.6,      75.0,      75.0,       0.0);
     ( 258704.6, 4026220.9,      74.8,      74.8,       0.0);         ( 258779.3,
4026189.5,      71.6,      71.6,       0.0);
     ( 258816.6, 4026173.8,      73.4,      73.4,       0.0);         ( 258853.9,
4026158.1,      75.1,      75.1,       0.0);
     ( 258891.3, 4026142.4,      76.5,      76.5,       0.0);         ( 258928.6,
4026126.7,      77.2,      77.2,       0.0);
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     ( 259022.0, 4026087.4,      73.8,      73.8,       0.0);         ( 259059.3,
4026071.7,      73.1,      73.1,       0.0);
     ( 259096.6, 4026056.0,      73.1,      73.1,       0.0);         ( 259134.0,
4026040.3,      73.3,      73.3,       0.0);
     ( 259171.3, 4026024.6,      73.0,      73.0,       0.0);         ( 259208.7,
4026008.9,      73.7,      73.7,       0.0);
     ( 259246.0, 4025993.2,      74.1,      74.1,       0.0);         ( 259283.3,
4025977.5,      75.3,      75.3,       0.0);
     ( 259320.7, 4025961.8,      75.2,      75.2,       0.0);         ( 258260.8,
4027144.5,      74.7,      74.7,       0.0);
     ( 258264.0, 4027185.1,      74.0,      74.0,       0.0);         ( 258066.5,
4027120.8,      74.1,      74.1,       0.0);
     ( 258080.0, 4027082.6,      74.1,      74.1,       0.0);         ( 258093.4,
4027044.4,      75.1,      75.1,       0.0);
     ( 258106.9, 4027006.2,      75.0,      75.0,       0.0);         ( 258120.4,
4026968.0,      73.3,      73.3,       0.0);
     ( 258133.8, 4026929.8,      72.0,      72.0,       0.0);         ( 258147.3,
4026891.5,      74.3,      74.3,       0.0);
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     ( 258160.7, 4026853.3,      75.5,      75.5,       0.0);         ( 258174.2,
4026815.1,      74.4,      74.4,       0.0);
     ( 258187.6, 4026776.9,      72.4,      72.4,       0.0);         ( 258201.1,
4026738.7,      74.3,      74.3,       0.0);
     ( 258214.6, 4026700.5,      74.3,      74.3,       0.0);         ( 258228.0,
4026662.3,      74.0,      74.0,       0.0);
     ( 258241.5, 4026624.1,      75.0,      75.0,       0.0);         ( 258254.9,
4026585.9,      75.7,      75.7,       0.0);
     ( 258268.4, 4026547.7,      76.9,      76.9,       0.0);         ( 258281.8,
4026509.5,      78.4,      78.4,       0.0);
     ( 258295.3, 4026471.3,      78.4,      78.4,       0.0);         ( 258308.8,
4026433.1,      76.8,      76.8,       0.0);
     ( 258322.2, 4026394.9,      76.5,      76.5,       0.0);         ( 258335.7,
4026356.7,      75.9,      75.9,       0.0);
     ( 258349.1, 4026318.5,      76.6,      76.6,       0.0);         ( 258362.6,
4026280.3,      77.7,      77.7,       0.0);
     ( 258376.0, 4026242.0,      78.5,      78.5,       0.0);         ( 258389.5,
4026203.8,      77.8,      77.8,       0.0);
     ( 258402.9, 4026165.6,      76.4,      76.4,       0.0);         ( 258428.3,
4026138.7,      75.3,      75.3,       0.0);
     ( 258503.0, 4026107.3,      76.1,      76.1,       0.0);         ( 258540.4,
4026091.6,      74.1,      74.1,       0.0);
     ( 258577.7, 4026075.9,      73.3,      73.3,       0.0);         ( 258615.0,
4026060.2,      72.5,      72.5,       0.0);
     ( 258652.4, 4026044.5,      73.5,      73.5,       0.0);         ( 258689.7,
4026028.8,      74.0,      74.0,       0.0);
     ( 258727.1, 4026013.1,      75.1,      75.1,       0.0);         ( 258764.4,
4025997.4,      74.9,      74.9,       0.0);
     ( 258801.7, 4025981.7,      72.8,      72.8,       0.0);         ( 258876.4,
4025950.3,      72.0,      72.0,       0.0);
     ( 258913.8, 4025934.6,      72.5,      72.5,       0.0);         ( 258951.1,
4025918.9,      73.7,      73.7,       0.0);
     ( 258988.4, 4025903.2,      74.7,      74.7,       0.0);         ( 259025.8,
4025887.5,      74.6,      74.6,       0.0);
     ( 259063.1, 4025871.8,      74.3,      74.3,       0.0);         ( 259100.4,
4025856.1,      74.2,      74.2,       0.0);
     ( 259137.8, 4025840.3,      73.7,      73.7,       0.0);         ( 259175.1,
4025824.6,      72.5,      72.5,       0.0);
     ( 259212.5, 4025808.9,      73.4,      73.4,       0.0);         ( 259249.8,
4025793.2,      74.0,      74.0,       0.0);
     ( 259287.1, 4025777.5,      73.6,      73.6,       0.0);         ( 259324.5,
4025761.8,      71.9,      71.9,       0.0);
     ( 258061.4, 4027160.2,      73.4,      73.4,       0.0);         ( 258064.6,
4027200.7,      73.2,      73.2,       0.0);
     ( 257867.2, 4027136.4,      71.4,      71.4,       0.0);         ( 257880.6,
4027098.2,      71.8,      71.8,       0.0);
     ( 257894.1, 4027060.0,      73.7,      73.7,       0.0);         ( 257907.5,
4027021.8,      74.9,      74.9,       0.0);
     ( 257921.0, 4026983.6,      76.3,      76.3,       0.0);         ( 258008.4,
4026735.3,      75.6,      75.6,       0.0);
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     ( 258021.9, 4026697.1,      75.3,      75.3,       0.0);         ( 258035.4,
4026658.9,      74.9,      74.9,       0.0);
     ( 258048.8, 4026620.7,      76.2,      76.2,       0.0);         ( 258062.3,
4026582.5,      76.3,      76.3,       0.0);
     ( 258075.7, 4026544.3,      75.9,      75.9,       0.0);         ( 258089.2,
4026506.0,      76.0,      76.0,       0.0);
     ( 258102.6, 4026467.8,      76.4,      76.4,       0.0);         ( 258116.1,
4026429.6,      76.3,      76.3,       0.0);
     ( 258129.5, 4026391.4,      76.3,      76.3,       0.0);         ( 258143.0,
4026353.2,      76.8,      76.8,       0.0);
     ( 258156.5, 4026315.0,      77.0,      77.0,       0.0);         ( 258169.9,
4026276.8,      76.5,      76.5,       0.0);
     ( 258183.4, 4026238.6,      73.8,      73.8,       0.0);         ( 258196.8,
4026200.4,      73.8,      73.8,       0.0);
     ( 258210.3, 4026162.2,      77.2,      77.2,       0.0);         ( 258223.8,
4026124.0,      77.6,      77.6,       0.0);
     ( 258237.2, 4026085.8,      76.8,      76.8,       0.0);         ( 258250.7,
4026047.6,      76.2,      76.2,       0.0);
     ( 258282.8, 4026001.5,      74.2,      74.2,       0.0);         ( 258338.8,
4025978.0,      73.8,      73.8,       0.0);
     ( 258376.1, 4025962.3,      73.0,      73.0,       0.0);         ( 258413.5,
4025946.6,      73.8,      73.8,       0.0);
↟ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                                 *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     ( 258450.8, 4025930.9,      73.0,      73.0,       0.0);         ( 258488.1,
4025915.2,      72.7,      72.7,       0.0);
     ( 258525.5, 4025899.5,      73.3,      73.3,       0.0);         ( 258562.8,
4025883.8,      73.9,      73.9,       0.0);
     ( 258600.2, 4025868.1,      75.0,      75.0,       0.0);         ( 258637.5,
4025852.4,      75.0,      75.0,       0.0);
     ( 258674.8, 4025836.7,      74.6,      74.6,       0.0);         ( 258712.2,
4025821.0,      74.0,      74.0,       0.0);
     ( 258749.5, 4025805.3,      74.0,      74.0,       0.0);         ( 258786.9,
4025789.6,      73.5,      73.5,       0.0);
     ( 258824.2, 4025773.8,      76.0,      76.0,       0.0);         ( 258861.5,
4025758.1,      76.3,      76.3,       0.0);
     ( 258898.9, 4025742.4,      75.1,      75.1,       0.0);         ( 258936.2,
4025726.8,      74.7,      74.7,       0.0);
     ( 258973.6, 4025711.0,      73.7,      73.7,       0.0);         ( 259010.9,
4025695.3,      73.4,      73.4,       0.0);
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     ( 259048.2, 4025679.6,      73.6,      73.6,       0.0);         ( 259085.6,
4025663.9,      73.0,      73.0,       0.0);
     ( 259122.9, 4025648.2,      73.1,      73.1,       0.0);         ( 259160.2,
4025632.5,      73.8,      73.8,       0.0);
     ( 259197.6, 4025616.8,      74.9,      74.9,       0.0);         ( 259234.9,
4025601.1,      73.2,      73.2,       0.0);
     ( 259272.3, 4025585.4,      71.7,      71.7,       0.0);         ( 259309.6,
4025569.7,      72.2,      72.2,       0.0);
     ( 257862.0, 4027175.8,      74.2,      74.2,       0.0);         ( 257865.2,
4027216.4,      75.0,      75.0,       0.0);
     ( 259335.9, 4027123.4,      74.0,      74.0,       0.0);         ( 259336.3,
4027147.6,      74.0,      74.0,       0.0);
     ( 259336.6, 4027171.8,      74.0,      74.0,       0.0);         ( 259337.0,
4027196.0,      72.7,      72.7,       0.0);
     ( 259337.3, 4027220.2,      72.4,      72.4,       0.0);         ( 259337.6,
4027244.4,      72.2,      72.2,       0.0);
     ( 259338.0, 4027268.6,      72.4,      72.4,       0.0);         ( 259310.9,
4027123.8,      73.9,      73.9,       0.0);
     ( 259311.3, 4027148.0,      73.5,      73.5,       0.0);         ( 259311.6,
4027172.2,      73.0,      73.0,       0.0);
     ( 259312.0, 4027196.4,      73.2,      73.2,       0.0);         ( 259312.3,
4027220.6,      73.3,      73.3,       0.0);
     ( 259312.6, 4027244.8,      72.9,      72.9,       0.0);         ( 259313.0,
4027269.0,      72.9,      72.9,       0.0);
     ( 259286.3, 4027148.3,      73.0,      73.0,       0.0);         ( 259286.6,
4027172.5,      73.1,      73.1,       0.0);
     ( 259287.0, 4027196.7,      73.9,      73.9,       0.0);         ( 259287.3,
4027220.9,      74.1,      74.1,       0.0);
     ( 259287.6, 4027245.1,      74.0,      74.0,       0.0);         ( 259288.0,
4027269.3,      73.7,      73.7,       0.0);
     ( 259260.9, 4027124.5,      73.5,      73.5,       0.0);         ( 259261.3,
4027148.7,      73.0,      73.0,       0.0);
     ( 259261.6, 4027172.9,      73.1,      73.1,       0.0);         ( 259262.0,
4027197.1,      73.9,      73.9,       0.0);
     ( 259262.3, 4027221.3,      74.6,      74.6,       0.0);         ( 259262.6,
4027245.5,      74.4,      74.4,       0.0);
     ( 259263.0, 4027269.7,      73.7,      73.7,       0.0);         ( 259210.9,
4027125.2,      73.0,      73.0,       0.0);
     ( 259211.3, 4027149.4,      73.0,      73.0,       0.0);         ( 259211.6,
4027173.6,      73.1,      73.1,       0.0);
     ( 259212.0, 4027197.8,      73.9,      73.9,       0.0);         ( 259212.3,
4027222.0,      74.3,      74.3,       0.0);
     ( 259212.6, 4027246.2,      74.2,      74.2,       0.0);         ( 259213.0,
4027270.4,      74.0,      74.0,       0.0);
     ( 259161.0, 4027125.9,      73.0,      73.0,       0.0);         ( 259161.3,
4027150.1,      73.2,      73.2,       0.0);
     ( 259161.6, 4027174.3,      73.8,      73.8,       0.0);         ( 259162.0,
4027198.5,      74.0,      74.0,       0.0);
     ( 259162.3, 4027222.7,      74.0,      74.0,       0.0);         ( 259162.7,
4027246.9,      73.6,      73.6,       0.0);
```

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     ( 259163.0, 4027271.1,      73.5,      73.5,       0.0);         ( 259111.3,
4027150.8,      72.4,      72.4,       0.0);
     ( 259111.6, 4027175.0,      73.2,      73.2,       0.0);         ( 259112.0,
4027199.2,      74.0,      74.0,       0.0);
     ( 259112.3, 4027223.4,      74.0,      74.0,       0.0);         ( 259112.7,
4027247.6,      74.0,      74.0,       0.0);
     ( 259113.0, 4027271.8,      74.0,      74.0,       0.0);         ( 259061.3,
4027151.5,      73.8,      73.8,       0.0);
     ( 259061.6, 4027175.7,      74.0,      74.0,       0.0);         ( 259062.0,
4027199.9,      74.0,      74.0,       0.0);
     ( 259062.3, 4027224.1,      74.0,      74.0,       0.0);         ( 259062.7,
4027248.3,      74.0,      74.0,       0.0);
     ( 259063.0, 4027272.5,      74.0,      74.0,       0.0);         ( 258961.3,
4027152.9,      75.5,      75.5,       0.0);
     ( 258961.7, 4027177.1,      74.9,      74.9,       0.0);         ( 258962.0,
4027201.3,      74.9,      74.9,       0.0);
     ( 258962.3, 4027225.5,      74.9,      74.9,       0.0);         ( 258962.7,
4027249.7,      75.6,      75.6,       0.0);
     ( 258963.0, 4027273.9,      76.8,      76.8,       0.0);         ( 258861.3,
4027154.3,      75.5,      75.5,       0.0);
     ( 258861.7, 4027178.5,      75.0,      75.0,       0.0);         ( 258862.0,
4027202.7,      75.2,      75.2,       0.0);
     ( 258862.3, 4027226.9,      76.6,      76.6,       0.0);         ( 258862.7,
4027251.1,      76.9,      76.9,       0.0);
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                        ***        18:20:08

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     ( 258863.0, 4027275.3,      77.1,      77.1,       0.0);         ( 258761.7,
4027179.9,      77.9,      77.9,       0.0);
     ( 258762.0, 4027204.1,      77.6,      77.6,       0.0);         ( 258762.4,
4027228.3,      77.6,      77.6,       0.0);
     ( 258762.7, 4027252.5,      77.9,      77.9,       0.0);         ( 258763.0,
4027276.7,      77.4,      77.4,       0.0);
     ( 258661.3, 4027157.1,      76.0,      76.0,       0.0);         ( 258661.7,
4027181.3,      76.0,      76.0,       0.0);
     ( 258662.0, 4027205.5,      76.0,      76.0,       0.0);         ( 258662.4,
4027229.7,      76.1,      76.1,       0.0);
     ( 258662.7, 4027253.9,      77.5,      77.5,       0.0);         ( 258663.0,
4027278.1,      77.4,      77.4,       0.0);
     ( 258462.0, 4027208.3,      72.7,      72.7,       0.0);         ( 258462.4,
4027232.5,      72.1,      72.1,       0.0);
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     ( 258462.7, 4027256.7,      72.9,      72.9,       0.0);         ( 258463.1,
4027280.9,      74.0,      74.0,       0.0);
     ( 258262.1, 4027211.1,      73.3,      73.3,       0.0);         ( 258262.4,
4027235.3,      73.2,      73.2,       0.0);
     ( 258262.8, 4027259.5,      73.2,      73.2,       0.0);         ( 258263.1,
4027283.7,      75.2,      75.2,       0.0);
     ( 258062.4, 4027238.1,      73.8,      73.8,       0.0);         ( 258062.8,
4027262.3,      73.0,      73.0,       0.0);
     ( 258063.1, 4027286.5,      72.2,      72.2,       0.0);         ( 257862.4,
4027240.9,      75.3,      75.3,       0.0);
     ( 257862.8, 4027265.1,      75.7,      75.7,       0.0);         ( 257863.1,
4027289.3,      75.0,      75.0,       0.0);
     ( 259338.2, 4027292.3,      73.5,      73.5,       0.0);         ( 259338.4,
4027316.2,      75.1,      75.1,       0.0);
     ( 259338.6, 4027340.0,      75.9,      78.0,       0.0);         ( 259313.2,
4027292.5,      73.9,      73.9,       0.0);
     ( 259313.4, 4027316.4,      75.3,      75.3,       0.0);         ( 259313.6,
4027340.3,      77.1,      77.1,       0.0);
     ( 259288.2, 4027292.8,      73.1,      73.1,       0.0);         ( 259288.4,
4027316.6,      73.8,      73.8,       0.0);
     ( 259288.6, 4027340.5,      76.0,      77.0,       0.0);         ( 259263.2,
4027293.0,      73.0,      73.0,       0.0);
     ( 259263.4, 4027316.8,      73.1,      73.1,       0.0);         ( 259263.6,
4027340.7,      75.2,      75.2,       0.0);
     ( 259213.2, 4027293.4,      74.1,      74.1,       0.0);         ( 259213.4,
4027317.2,      74.5,      74.5,       0.0);
     ( 259213.6, 4027341.1,      75.2,      75.2,       0.0);         ( 259163.2,
4027293.8,      74.2,      74.2,       0.0);
     ( 259163.4, 4027317.7,      75.6,      75.6,       0.0);         ( 259163.6,
4027341.5,      77.1,      77.1,       0.0);
     ( 259113.2, 4027294.2,      74.0,      74.0,       0.0);         ( 259113.4,
4027318.1,      74.1,      74.1,       0.0);
     ( 259113.6, 4027341.9,      74.8,      74.8,       0.0);         ( 259063.4,
4027318.5,      74.0,      74.0,       0.0);
     ( 259063.6, 4027342.3,      74.8,      74.8,       0.0);         ( 258963.4,
4027319.3,      78.9,      78.9,       0.0);
     ( 258963.6, 4027343.2,      79.0,      79.0,       0.0);         ( 258863.4,
4027320.2,      78.0,      78.0,       0.0);
     ( 258863.6, 4027344.0,      78.6,      78.6,       0.0);         ( 258763.4,
4027321.0,      76.0,      76.0,       0.0);
     ( 258763.6, 4027344.9,      75.2,      75.2,       0.0);         ( 258663.4,
4027321.8,      76.0,      76.0,       0.0);
     ( 258663.6, 4027345.7,      75.9,      75.9,       0.0);         ( 258463.4,
4027323.5,      75.4,      75.4,       0.0);
     ( 258463.6, 4027347.4,      75.0,      75.0,       0.0);         ( 258263.4,
4027325.2,      77.9,      77.9,       0.0);
     ( 258263.6, 4027349.1,      78.2,      78.2,       0.0);         ( 258063.4,
4027326.9,      71.9,      71.9,       0.0);
     ( 258063.6, 4027350.7,      71.1,      71.1,       0.0);         ( 257863.4,
4027328.6,      73.3,      73.3,       0.0);
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     ( 257863.6, 4027352.4,      73.0,      73.0,       0.0);         ( 259339.2,
4027365.2,      76.1,      76.1,       0.0);
     ( 259339.9, 4027389.9,      76.1,      76.1,       0.0);         ( 259340.5,
4027414.7,      76.4,      76.4,       0.0);
     ( 259341.1, 4027439.4,      77.0,      77.0,       0.0);         ( 259341.8,
4027464.1,      77.6,      77.6,       0.0);
     ( 259342.4, 4027488.9,      77.9,      77.9,       0.0);         ( 259343.0,
4027513.6,      78.0,      78.0,       0.0);
     ( 259343.7, 4027538.3,      77.8,      77.8,       0.0);         ( 259344.3,
4027563.1,      77.3,      77.3,       0.0);
     ( 259344.9, 4027587.8,      77.9,      77.9,       0.0);         ( 259345.6,
4027612.5,      78.6,      78.6,       0.0);
     ( 259346.2, 4027637.3,      79.0,      79.0,       0.0);         ( 259346.9,
4027662.0,      78.6,      78.6,       0.0);
     ( 259347.5, 4027686.7,      77.6,      77.6,       0.0);         ( 259348.1,
4027711.4,      76.1,      76.1,       0.0);
     ( 259314.2, 4027365.9,      77.9,      77.9,       0.0);         ( 259314.9,
4027390.6,      77.6,      77.6,       0.0);
     ( 259315.5, 4027415.3,      77.0,      77.0,       0.0);         ( 259316.1,
4027440.0,      76.9,      76.9,       0.0);
     ( 259316.8, 4027464.8,      77.0,      77.0,       0.0);         ( 259317.4,
4027489.5,      77.6,      77.6,       0.0);
     ( 259318.0, 4027514.2,      78.0,      78.0,       0.0);         ( 259318.7,
4027539.0,      78.0,      78.0,       0.0);
     ( 259319.3, 4027563.7,      78.0,      78.0,       0.0);         ( 259320.0,
4027588.4,      78.0,      78.0,       0.0);
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     ( 259320.6, 4027613.2,      78.0,      78.0,       0.0);         ( 259321.2,
4027637.9,      78.6,      78.6,       0.0);
     ( 259321.9, 4027662.6,      78.6,      78.6,       0.0);         ( 259322.5,
4027687.4,      77.7,      77.7,       0.0);
     ( 259323.1, 4027712.1,      76.9,      76.9,       0.0);         ( 259289.2,
4027366.5,      77.5,      77.5,       0.0);
     ( 259289.9, 4027391.2,      77.6,      77.6,       0.0);         ( 259290.5,
4027416.0,      76.8,      76.8,       0.0);
     ( 259291.1, 4027440.7,      76.1,      76.1,       0.0);         ( 259291.8,
4027465.4,      76.9,      76.9,       0.0);
     ( 259292.4, 4027490.2,      77.7,      77.7,       0.0);         ( 259293.1,
4027514.9,      78.5,      78.5,       0.0);
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     ( 259293.7, 4027539.6,      78.6,      78.6,       0.0);         ( 259294.3,
4027564.3,      78.0,      78.0,       0.0);
     ( 259295.0, 4027589.1,      78.0,      78.0,       0.0);         ( 259295.6,
4027613.8,      78.0,      78.0,       0.0);
     ( 259296.2, 4027638.5,      78.6,      78.6,       0.0);         ( 259296.9,
4027663.3,      78.9,      78.9,       0.0);
     ( 259297.5, 4027688.0,      78.5,      78.5,       0.0);         ( 259298.1,
4027712.7,      77.7,      77.7,       0.0);
     ( 259264.2, 4027367.1,      76.2,      76.2,       0.0);         ( 259264.9,
4027391.9,      76.3,      76.3,       0.0);
     ( 259265.5, 4027416.6,      76.0,      76.0,       0.0);         ( 259266.2,
4027441.3,      75.2,      75.2,       0.0);
     ( 259266.8, 4027466.1,      76.1,      76.1,       0.0);         ( 259267.4,
4027490.8,      77.5,      77.5,       0.0);
     ( 259268.1, 4027515.5,      78.5,      78.5,       0.0);         ( 259268.7,
4027540.3,      78.9,      78.9,       0.0);
     ( 259269.3, 4027565.0,      78.7,      78.7,       0.0);         ( 259270.0,
4027589.7,      78.7,      78.7,       0.0);
     ( 259270.6, 4027614.5,      78.6,      78.6,       0.0);         ( 259271.2,
4027639.2,      78.9,      78.9,       0.0);
     ( 259271.9, 4027663.9,      79.0,      79.0,       0.0);         ( 259272.5,
4027688.6,      78.9,      78.9,       0.0);
     ( 259273.1, 4027713.4,      78.4,      78.4,       0.0);         ( 259214.3,
4027368.4,      75.5,      75.5,       0.0);
     ( 259214.9, 4027393.2,      75.1,      75.1,       0.0);         ( 259215.5,
4027417.9,      74.2,      74.2,       0.0);
     ( 259216.2, 4027442.6,      73.6,      73.6,       0.0);         ( 259216.8,
4027467.3,      74.9,      74.9,       0.0);
     ( 259217.4, 4027492.1,      76.5,      76.5,       0.0);         ( 259218.1,
4027516.8,      77.8,      77.8,       0.0);
     ( 259218.7, 4027541.5,      79.0,      79.0,       0.0);         ( 259219.3,
4027566.3,      80.2,      80.2,       0.0);
     ( 259220.0, 4027591.0,      81.0,      81.0,       0.0);         ( 259220.6,
4027615.7,      80.4,      80.4,       0.0);
     ( 259221.3, 4027640.5,      80.1,      80.1,       0.0);         ( 259221.9,
4027665.2,      80.0,      80.0,       0.0);
     ( 259222.5, 4027689.9,      79.8,      79.8,       0.0);         ( 259223.2,
4027714.7,      79.0,      79.0,       0.0);
     ( 259164.3, 4027369.7,      77.3,      77.3,       0.0);         ( 259164.9,
4027394.4,      76.8,      76.8,       0.0);
     ( 259165.5, 4027419.2,      76.6,      76.6,       0.0);         ( 259166.2,
4027443.9,      77.1,      77.1,       0.0);
     ( 259166.8, 4027468.6,      77.1,      77.1,       0.0);         ( 259167.5,
4027493.4,      77.9,      77.9,       0.0);
     ( 259168.1, 4027518.1,      79.3,      79.3,       0.0);         ( 259168.7,
4027542.8,      80.0,      80.0,       0.0);
     ( 259169.4, 4027567.6,      80.2,      80.2,       0.0);         ( 259170.0,
4027592.3,      80.9,      80.9,       0.0);
     ( 259170.6, 4027617.0,      80.1,      80.1,       0.0);         ( 259171.3,
4027641.8,      79.3,      79.3,       0.0);
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     ( 259171.9, 4027666.5,      79.1,      79.1,       0.0);         ( 259172.5,
4027691.2,      79.1,      79.1,       0.0);
     ( 259173.2, 4027715.9,      79.1,      79.1,       0.0);         ( 259114.3,
4027371.0,      75.9,      75.9,       0.0);
     ( 259114.9, 4027395.7,      77.2,      77.2,       0.0);         ( 259115.6,
4027420.5,      78.3,      78.3,       0.0);
     ( 259116.2, 4027445.2,      78.8,      78.8,       0.0);         ( 259116.8,
4027469.9,      78.8,      78.8,       0.0);
     ( 259117.5, 4027494.6,      79.2,      79.2,       0.0);         ( 259118.1,
4027519.4,      78.8,      78.8,       0.0);
     ( 259118.8, 4027544.1,      78.1,      78.1,       0.0);         ( 259119.4,
4027568.8,      77.8,      77.8,       0.0);
     ( 259120.0, 4027593.6,      78.3,      78.3,       0.0);         ( 259120.7,
4027618.3,      78.4,      78.4,       0.0);
     ( 259121.3, 4027643.0,      78.1,      78.1,       0.0);         ( 259121.9,
4027667.8,      78.0,      78.0,       0.0);
     ( 259122.6, 4027692.5,      78.4,      78.4,       0.0);         ( 259123.2,
4027717.2,      79.0,      79.0,       0.0);
     ( 259064.3, 4027372.3,      75.8,      75.8,       0.0);         ( 259064.9,
4027397.0,      77.4,      77.4,       0.0);
     ( 259065.6, 4027421.8,      78.9,      78.9,       0.0);         ( 259066.2,
4027446.5,      79.4,      79.4,       0.0);
     ( 259066.9, 4027471.2,      78.9,      78.9,       0.0);         ( 259067.5,
4027495.9,      77.4,      77.4,       0.0);
     ( 259068.1, 4027520.7,      76.4,      76.4,       0.0);         ( 259068.8,
4027545.4,      76.5,      76.5,       0.0);
     ( 259069.4, 4027570.1,      77.3,      77.3,       0.0);         ( 259070.0,
4027594.9,      77.8,      77.8,       0.0);
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     ( 259070.7, 4027619.6,      77.0,      77.0,       0.0);         ( 259071.3,
4027644.3,      77.0,      77.0,       0.0);
     ( 259071.9, 4027669.1,      77.6,      77.6,       0.0);         ( 259072.6,
4027693.8,      78.3,      78.3,       0.0);
     ( 259073.2, 4027718.5,      78.8,      78.8,       0.0);         ( 258964.3,
4027374.8,      79.2,      79.2,       0.0);
     ( 258965.0, 4027399.6,      79.8,      79.8,       0.0);         ( 258965.6,
4027424.3,      79.0,      79.0,       0.0);
     ( 258966.3, 4027449.0,      77.4,      77.4,       0.0);         ( 258966.9,
4027473.8,      75.9,      75.9,       0.0);
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     ( 258967.5, 4027498.5,      75.3,      75.3,       0.0);         ( 258968.2,
4027523.2,      76.0,      76.0,       0.0);
     ( 258968.8, 4027548.0,      76.9,      76.9,       0.0);         ( 258969.4,
4027572.7,      77.6,      77.6,       0.0);
     ( 258970.1, 4027597.4,      78.2,      78.2,       0.0);         ( 258970.7,
4027622.2,      78.6,      78.6,       0.0);
     ( 258971.3, 4027646.9,      78.6,      78.6,       0.0);         ( 258972.0,
4027671.6,      77.9,      77.9,       0.0);
     ( 258972.6, 4027696.4,      77.0,      77.0,       0.0);         ( 258973.2,
4027721.1,      76.7,      76.7,       0.0);
     ( 258864.4, 4027377.4,      79.6,      79.6,       0.0);         ( 258865.0,
4027402.2,      79.8,      79.8,       0.0);
     ( 258865.6, 4027426.9,      79.3,      79.3,       0.0);         ( 258866.3,
4027451.6,      78.9,      78.9,       0.0);
     ( 258866.9, 4027476.3,      78.7,      78.7,       0.0);         ( 258867.6,
4027501.1,      78.1,      78.1,       0.0);
     ( 258868.2, 4027525.8,      78.9,      78.9,       0.0);         ( 258868.8,
4027550.5,      78.3,      78.3,       0.0);
     ( 258869.5, 4027575.3,      77.5,      77.5,       0.0);         ( 258870.1,
4027600.0,      77.0,      77.0,       0.0);
     ( 258870.7, 4027624.7,      77.0,      77.0,       0.0);         ( 258871.4,
4027649.5,      77.1,      77.1,       0.0);
     ( 258872.0, 4027674.2,      77.9,      77.9,       0.0);         ( 258872.6,
4027698.9,      78.0,      78.0,       0.0);
     ( 258873.3, 4027723.7,      78.5,      78.5,       0.0);         ( 258764.4,
4027380.0,      76.0,      76.0,       0.0);
     ( 258765.0, 4027404.7,      76.8,      76.8,       0.0);         ( 258765.7,
4027429.5,      77.0,      77.0,       0.0);
     ( 258766.3, 4027454.2,      77.3,      77.3,       0.0);         ( 258767.0,
4027478.9,      77.9,      77.9,       0.0);
     ( 258767.6, 4027503.6,      78.6,      78.6,       0.0);         ( 258768.2,
4027528.4,      78.6,      78.6,       0.0);
     ( 258768.9, 4027553.1,      78.1,      78.1,       0.0);         ( 258769.5,
4027577.8,      78.0,      78.0,       0.0);
     ( 258770.1, 4027602.6,      77.6,      77.6,       0.0);         ( 258770.8,
4027627.3,      76.8,      76.8,       0.0);
     ( 258771.4, 4027652.0,      76.4,      76.4,       0.0);         ( 258772.0,
4027676.8,      77.8,      77.8,       0.0);
     ( 258772.7, 4027701.5,      78.7,      78.7,       0.0);         ( 258773.3,
4027726.2,      79.4,      79.4,       0.0);
     ( 258664.4, 4027382.6,      75.8,      75.8,       0.0);         ( 258665.1,
4027407.3,      75.1,      75.1,       0.0);
     ( 258665.7, 4027432.0,      75.0,      75.0,       0.0);         ( 258666.4,
4027456.8,      75.0,      75.0,       0.0);
     ( 258667.0, 4027481.5,      75.3,      75.3,       0.0);         ( 258667.6,
4027506.2,      76.0,      76.0,       0.0);
     ( 258668.3, 4027530.9,      77.1,      77.1,       0.0);         ( 258668.9,
4027555.7,      78.7,      78.7,       0.0);
     ( 258669.5, 4027580.4,      79.2,      79.2,       0.0);         ( 258670.2,
4027605.1,      78.8,      78.8,       0.0);
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     ( 258670.8, 4027629.9,      77.6,      77.6,       0.0);         ( 258671.4,
4027654.6,      75.9,      75.9,       0.0);
     ( 258672.1, 4027679.3,      75.4,      75.4,       0.0);         ( 258672.7,
4027704.1,      76.2,      76.2,       0.0);
     ( 258673.3, 4027728.8,      77.4,      77.4,       0.0);         ( 258464.5,
4027387.7,      75.0,      75.0,       0.0);
     ( 258465.1, 4027412.4,      74.9,      74.9,       0.0);         ( 258465.8,
4027437.2,      74.1,      74.1,       0.0);
     ( 258466.4, 4027461.9,      73.3,      73.3,       0.0);         ( 258467.1,
4027486.6,      73.3,      73.3,       0.0);
     ( 258467.7, 4027511.4,      73.8,      73.8,       0.0);         ( 258468.3,
4027536.1,      74.0,      74.0,       0.0);
     ( 258469.0, 4027560.8,      74.0,      74.0,       0.0);         ( 258469.6,
4027585.6,      73.7,      73.7,       0.0);
     ( 258470.2, 4027610.3,      74.6,      74.6,       0.0);         ( 258470.9,
4027635.0,      75.0,      75.0,       0.0);
     ( 258471.5, 4027659.8,      75.0,      75.0,       0.0);         ( 258472.1,
4027684.5,      75.0,      75.0,       0.0);
     ( 258472.8, 4027709.2,      75.0,      75.0,       0.0);         ( 258473.4,
4027733.9,      74.8,      74.8,       0.0);
     ( 258264.6, 4027392.8,      76.2,      76.2,       0.0);         ( 258265.2,
4027417.6,      74.4,      74.4,       0.0);
     ( 258265.8, 4027442.3,      72.7,      72.7,       0.0);         ( 258266.5,
4027467.0,      72.0,      72.0,       0.0);
     ( 258267.1, 4027491.8,      72.0,      72.0,       0.0);         ( 258267.8,
4027516.5,      71.5,      71.5,       0.0);
     ( 258268.4, 4027541.2,      70.6,      70.6,       0.0);         ( 258269.0,
4027566.0,      70.4,      70.4,       0.0);
     ( 258269.7, 4027590.7,      72.1,      72.1,       0.0);         ( 258270.3,
4027615.4,      73.7,      73.7,       0.0);
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                 (METERS)

     ( 258270.9, 4027640.2,      73.3,      73.3,       0.0);         ( 258271.6,
4027664.9,      73.5,      73.5,       0.0);
     ( 258272.2, 4027689.6,      74.0,      74.0,       0.0);         ( 258272.8,
4027714.4,      73.9,      73.9,       0.0);
     ( 258273.5, 4027739.1,      73.1,      73.1,       0.0);         ( 258064.0,
4027373.3,      71.1,      71.1,       0.0);
     ( 258064.6, 4027398.0,      71.1,      71.1,       0.0);         ( 258065.3,
4027422.7,      71.5,      71.5,       0.0);
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     ( 258065.9, 4027447.4,      72.0,      72.0,       0.0);         ( 258066.5,
4027472.2,      72.9,      72.9,       0.0);
     ( 258067.2, 4027496.9,      73.9,      73.9,       0.0);         ( 258067.8,
4027521.6,      74.2,      74.2,       0.0);
     ( 258068.5, 4027546.4,      74.1,      74.1,       0.0);         ( 258069.1,
4027571.1,      73.5,      73.5,       0.0);
     ( 258069.7, 4027595.8,      72.5,      72.5,       0.0);         ( 258070.4,
4027620.6,      72.0,      72.0,       0.0);
     ( 258071.0, 4027645.3,      72.3,      72.3,       0.0);         ( 258071.6,
4027670.0,      73.5,      73.5,       0.0);
     ( 258072.3, 4027694.8,      74.7,      74.7,       0.0);         ( 258072.9,
4027719.5,      75.1,      75.1,       0.0);
     ( 258073.5, 4027744.2,      74.4,      74.4,       0.0);         ( 257864.1,
4027378.4,      73.0,      73.0,       0.0);
     ( 257864.7, 4027403.1,      73.0,      73.0,       0.0);         ( 257865.3,
4027427.9,      72.7,      72.7,       0.0);
     ( 257866.0, 4027452.6,      72.5,      72.5,       0.0);         ( 257866.6,
4027477.3,      72.4,      72.4,       0.0);
     ( 257867.3, 4027502.1,      72.2,      72.2,       0.0);         ( 257867.9,
4027526.8,      74.1,      74.1,       0.0);
     ( 257868.5, 4027551.5,      75.1,      75.1,       0.0);         ( 257869.2,
4027576.2,      74.3,      74.3,       0.0);
     ( 257869.8, 4027601.0,      73.6,      73.6,       0.0);         ( 257870.4,
4027625.7,      73.8,      73.8,       0.0);
     ( 257871.1, 4027650.4,      73.0,      73.0,       0.0);         ( 257871.7,
4027675.2,      72.2,      72.2,       0.0);
     ( 257872.3, 4027699.9,      72.0,      72.0,       0.0);         ( 257873.0,
4027724.6,      72.8,      72.8,       0.0);
     ( 257873.6, 4027749.4,      73.6,      73.6,       0.0);         ( 259373.6,
4027735.8,      76.0,      76.0,       0.0);
     ( 259396.2, 4027735.4,      75.5,      75.5,       0.0);         ( 259418.8,
4027735.0,      75.5,      75.5,       0.0);
     ( 259441.3, 4027734.6,      76.6,      76.6,       0.0);         ( 259463.9,
4027734.2,      75.8,      75.8,       0.0);
     ( 259486.5, 4027733.8,      74.4,      74.4,       0.0);         ( 259509.1,
4027733.4,      73.4,      73.4,       0.0);
     ( 259531.7, 4027733.0,      73.7,      73.7,       0.0);         ( 259554.3,
4027732.6,      75.3,      75.3,       0.0);
     ( 259576.9, 4027732.2,      75.7,      75.7,       0.0);         ( 259356.3,
4027753.9,      76.8,      76.8,       0.0);
     ( 259396.6, 4027760.4,      76.5,      76.5,       0.0);         ( 259419.2,
4027760.0,      76.5,      76.5,       0.0);
     ( 259441.8, 4027759.6,      76.9,      76.9,       0.0);         ( 259464.4,
4027759.2,      76.2,      76.2,       0.0);
     ( 259487.0, 4027758.8,      74.9,      74.9,       0.0);         ( 259509.6,
4027758.4,      74.0,      74.0,       0.0);
     ( 259532.2, 4027758.0,      74.2,      74.2,       0.0);         ( 259554.8,
4027757.6,      76.1,      76.1,       0.0);
     ( 259577.4, 4027757.2,      76.9,      76.9,       0.0);         ( 259356.7,
4027778.9,      77.8,      77.8,       0.0);
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     ( 259313.5, 4027747.6,      77.0,      77.0,       0.0);         ( 259397.0,
4027785.4,      77.5,      77.5,       0.0);
     ( 259419.6, 4027785.0,      77.3,      77.3,       0.0);         ( 259442.2,
4027784.6,      76.9,      76.9,       0.0);
     ( 259464.8, 4027784.2,      76.2,      76.2,       0.0);         ( 259487.4,
4027783.8,      74.8,      74.8,       0.0);
     ( 259510.0, 4027783.4,      73.8,      73.8,       0.0);         ( 259532.6,
4027783.0,      73.8,      77.0,       0.0);
     ( 259555.2, 4027782.6,      75.4,      77.0,       0.0);         ( 259577.8,
4027782.2,      76.9,      76.9,       0.0);
     ( 259357.1, 4027803.8,      77.9,      77.9,       0.0);         ( 259321.7,
4027790.0,      77.7,      77.7,       0.0);
     ( 259296.3, 4027765.6,      77.0,      77.0,       0.0);         ( 259397.5,
4027810.4,      77.6,      77.6,       0.0);
     ( 259420.1, 4027810.0,      77.5,      77.5,       0.0);         ( 259442.7,
4027809.6,      77.2,      77.2,       0.0);
     ( 259465.3, 4027809.2,      76.2,      76.2,       0.0);         ( 259487.9,
4027808.8,      74.8,      74.8,       0.0);
     ( 259510.5, 4027808.4,      73.5,      73.5,       0.0);         ( 259533.1,
4027808.0,      72.8,      72.8,       0.0);
     ( 259555.6, 4027807.6,      73.6,      73.6,       0.0);         ( 259578.2,
4027807.2,      75.4,      77.0,       0.0);
     ( 259358.0, 4027853.8,      76.4,      76.4,       0.0);         ( 259322.6,
4027840.0,      77.3,      77.3,       0.0);
     ( 259287.1, 4027826.1,      78.1,      78.1,       0.0);         ( 259261.7,
4027801.7,      78.0,      78.0,       0.0);
     ( 259246.3, 4027766.9,      77.0,      77.0,       0.0);         ( 259398.4,
4027860.4,      77.0,      77.0,       0.0);
     ( 259420.9, 4027860.0,      77.0,      77.0,       0.0);         ( 259443.5,
4027859.6,      76.9,      76.9,       0.0);
     ( 259466.1, 4027859.2,      76.1,      76.1,       0.0);         ( 259488.7,
4027858.8,      74.8,      74.8,       0.0);
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     ( 259511.3, 4027858.4,      74.0,      74.0,       0.0);         ( 259533.9,
4027858.0,      73.9,      73.9,       0.0);
     ( 259556.5, 4027857.6,      73.9,      73.9,       0.0);         ( 259579.1,
4027857.2,      74.6,      74.6,       0.0);
     ( 259356.4, 4027902.8,      74.9,      74.9,       0.0);         ( 259315.8,
4027887.0,      75.4,      75.4,       0.0);
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     ( 259275.3, 4027871.1,      78.2,      78.2,       0.0);         ( 259226.0,
4027835.4,      78.1,      78.1,       0.0);
     ( 259208.4, 4027795.6,      77.2,      77.2,       0.0);         ( 259190.8,
4027755.8,      77.8,      77.8,       0.0);
     ( 259399.2, 4027910.4,      76.1,      76.1,       0.0);         ( 259421.8,
4027910.0,      76.3,      76.3,       0.0);
     ( 259444.4, 4027909.6,      76.4,      76.4,       0.0);         ( 259467.0,
4027909.2,      76.6,      76.6,       0.0);
     ( 259489.6, 4027908.8,      76.6,      76.6,       0.0);         ( 259512.2,
4027908.4,      76.9,      76.9,       0.0);
     ( 259534.8, 4027908.0,      77.3,      77.3,       0.0);         ( 259557.4,
4027907.6,      77.5,      77.5,       0.0);
     ( 259580.0, 4027907.2,      78.0,      78.0,       0.0);         ( 259357.8,
4027953.1,      74.1,      74.1,       0.0);
     ( 259318.4, 4027937.6,      75.1,      75.1,       0.0);         ( 259279.0,
4027922.2,      78.3,      78.3,       0.0);
     ( 259239.6, 4027906.8,      78.8,      78.8,       0.0);         ( 259191.7,
4027872.0,      77.1,      77.1,       0.0);
     ( 259174.5, 4027833.3,      75.5,      75.5,       0.0);         ( 259157.4,
4027794.6,      75.5,      75.5,       0.0);
     ( 259140.3, 4027755.9,      77.9,      77.9,       0.0);         ( 259400.1,
4027960.4,      75.0,      75.0,       0.0);
     ( 259422.7, 4027960.0,      75.8,      75.8,       0.0);         ( 259445.3,
4027959.6,      76.4,      76.4,       0.0);
     ( 259467.9, 4027959.2,      77.0,      77.0,       0.0);         ( 259490.5,
4027958.8,      76.5,      76.5,       0.0);
     ( 259513.1, 4027958.4,      76.6,      76.6,       0.0);         ( 259535.7,
4027958.0,      77.0,      77.0,       0.0);
     ( 259558.3, 4027957.6,      77.0,      77.0,       0.0);         ( 259580.9,
4027957.2,      77.5,      77.5,       0.0);
     ( 259359.1, 4028003.2,      76.5,      76.5,       0.0);         ( 259320.4,
4027988.0,      75.3,      75.3,       0.0);
     ( 259281.7, 4027972.9,      77.3,      77.3,       0.0);         ( 259243.0,
4027957.8,      77.6,      77.6,       0.0);
     ( 259204.3, 4027942.6,      76.4,      76.4,       0.0);         ( 259157.2,
4027908.5,      77.0,      77.0,       0.0);
     ( 259140.4, 4027870.5,      75.7,      75.7,       0.0);         ( 259123.6,
4027832.5,      75.1,      75.1,       0.0);
     ( 259106.8, 4027794.5,      77.3,      77.3,       0.0);         ( 259090.0,
4027756.5,      78.8,      78.8,       0.0);
     ( 259401.0, 4028010.4,      77.7,      77.7,       0.0);         ( 259423.6,
4028010.0,      78.0,      78.0,       0.0);
     ( 259446.2, 4028009.6,      78.0,      78.0,       0.0);         ( 259468.8,
4028009.2,      78.0,      78.0,       0.0);
     ( 259491.4, 4028008.8,      78.0,      78.0,       0.0);         ( 259514.0,
4028008.4,      78.0,      78.0,       0.0);
     ( 259536.6, 4028008.0,      77.7,      77.7,       0.0);         ( 259559.2,
4028007.6,      77.0,      77.0,       0.0);
     ( 259581.8, 4028007.2,      76.3,      76.3,       0.0);         ( 259359.9,
4028102.8,      77.4,      77.4,       0.0);
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     ( 259319.4, 4028086.9,      78.1,      78.1,       0.0);         ( 259278.8,
4028071.1,      77.4,      77.4,       0.0);
     ( 259238.3, 4028055.2,      77.6,      77.6,       0.0);         ( 259197.8,
4028039.4,      78.0,      78.0,       0.0);
     ( 259157.3, 4028023.5,      77.3,      77.3,       0.0);         ( 259116.7,
4028007.6,      75.5,      75.5,       0.0);
     ( 259087.7, 4027979.8,      76.0,      76.0,       0.0);         ( 259070.1,
4027940.0,      77.0,      77.0,       0.0);
     ( 259052.5, 4027900.2,      77.0,      77.0,       0.0);         ( 259034.9,
4027860.4,      77.0,      77.0,       0.0);
     ( 259017.3, 4027820.6,      78.3,      78.3,       0.0);         ( 258999.7,
4027780.8,      79.0,      79.0,       0.0);
     ( 259402.8, 4028110.3,      75.8,      75.8,       0.0);         ( 259425.3,
4028109.9,      75.7,      75.7,       0.0);
     ( 259447.9, 4028109.5,      75.7,      75.7,       0.0);         ( 259470.5,
4028109.2,      75.7,      75.7,       0.0);
     ( 259493.1, 4028108.8,      76.2,      76.2,       0.0);         ( 259515.7,
4028108.4,      76.7,      76.7,       0.0);
     ( 259538.3, 4028108.0,      77.1,      77.1,       0.0);         ( 259560.9,
4028107.6,      77.3,      77.3,       0.0);
     ( 259583.5, 4028107.2,      78.0,      78.0,       0.0);         ( 259361.1,
4028202.6,      75.0,      75.0,       0.0);
     ( 259319.3, 4028186.2,      77.1,      77.1,       0.0);         ( 259277.6,
4028169.9,      76.8,      76.8,       0.0);
     ( 259235.9, 4028153.6,      74.6,      74.6,       0.0);         ( 259194.2,
4028137.2,      74.0,      74.0,       0.0);
     ( 259152.5, 4028120.9,      74.9,      74.9,       0.0);         ( 259110.7,
4028104.6,      76.8,      76.8,       0.0);
     ( 259069.0, 4028088.3,      76.8,      76.8,       0.0);         ( 259018.2,
4028051.4,      76.0,      76.0,       0.0);
     ( 259000.1, 4028010.5,      76.6,      76.6,       0.0);         ( 258982.0,
4027969.5,      77.0,      77.0,       0.0);
     ( 258963.9, 4027928.5,      77.6,      77.6,       0.0);         ( 258945.8,
4027887.6,      79.5,      79.5,       0.0);
↟ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

     ( 258927.6, 4027846.6,      80.0,      80.0,       0.0);         ( 258909.5,
4027805.6,      80.0,      80.0,       0.0);
     ( 258891.4, 4027764.6,      79.2,      79.2,       0.0);         ( 259404.5,
4028210.3,      75.8,      75.8,       0.0);
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```
     ( 259427.1, 4028209.9,      76.0,      76.0,       0.0);         ( 259449.7,
4028209.5,      76.0,      76.0,       0.0);
     ( 259472.3, 4028209.1,      76.2,      76.2,       0.0);         ( 259494.9,
4028208.7,      78.5,      78.5,       0.0);
     ( 259517.5, 4028208.3,      78.8,      78.8,       0.0);         ( 259540.1,
4028207.9,      78.7,      78.7,       0.0);
     ( 259562.7, 4028207.5,      79.2,      79.2,       0.0);         ( 259585.3,
4028207.1,      80.7,      80.7,       0.0);
     ( 259363.4, 4028302.8,      75.5,      75.5,       0.0);         ( 259322.9,
4028286.9,      76.7,      76.7,       0.0);
     ( 259282.4, 4028271.1,      76.2,      76.2,       0.0);         ( 259241.8,
4028255.2,      75.9,      75.9,       0.0);
     ( 259201.3, 4028239.3,      75.0,      75.0,       0.0);         ( 259160.8,
4028223.5,      76.3,      76.3,       0.0);
     ( 259120.2, 4028207.6,      76.6,      76.6,       0.0);         ( 259079.7,
4028191.8,      77.0,      77.0,       0.0);
     ( 259039.2, 4028175.9,      76.9,      76.9,       0.0);         ( 258998.7,
4028160.0,      76.3,      76.3,       0.0);
     ( 258949.3, 4028124.3,      76.0,      76.0,       0.0);         ( 258931.7,
4028084.5,      75.5,      75.5,       0.0);
     ( 258914.1, 4028044.7,      75.5,      75.5,       0.0);         ( 258896.5,
4028004.8,      76.7,      76.7,       0.0);
     ( 258878.9, 4027965.0,      75.3,      75.3,       0.0);         ( 258861.3,
4027925.2,      75.0,      75.0,       0.0);
     ( 258843.7, 4027885.4,      77.1,      77.1,       0.0);         ( 258826.1,
4027845.6,      78.5,      78.5,       0.0);
     ( 258808.5, 4027805.8,      77.9,      77.9,       0.0);         ( 258790.9,
4027766.0,      79.5,      79.5,       0.0);
     ( 259406.3, 4028310.3,      75.0,      75.0,       0.0);         ( 259428.9,
4028309.9,      75.6,      75.6,       0.0);
     ( 259451.5, 4028309.5,      76.0,      76.0,       0.0);         ( 259474.1,
4028309.1,      76.3,      76.3,       0.0);
     ( 259496.7, 4028308.7,      77.8,      77.8,       0.0);         ( 259519.3,
4028308.3,      78.0,      78.0,       0.0);
     ( 259541.9, 4028307.9,      78.8,      78.8,       0.0);         ( 259564.4,
4028307.5,      80.3,      80.3,       0.0);
     ( 259587.0, 4028307.1,      81.8,      81.8,       0.0);         ( 259364.8,
4028402.6,      76.5,      76.5,       0.0);
     ( 259323.4, 4028386.4,      76.5,      76.5,       0.0);         ( 259282.0,
4028370.2,      76.3,      76.3,       0.0);
     ( 259240.6, 4028354.0,      76.5,      76.5,       0.0);         ( 259199.3,
4028337.8,      77.0,      77.0,       0.0);
     ( 259157.9, 4028321.6,      78.5,      78.5,       0.0);         ( 259116.5,
4028305.4,      78.1,      78.1,       0.0);
     ( 259075.1, 4028289.3,      75.8,      75.8,       0.0);         ( 259033.8,
4028273.1,      74.7,      74.7,       0.0);
     ( 258992.4, 4028256.9,      74.2,      74.2,       0.0);         ( 258951.0,
4028240.7,      74.6,      74.6,       0.0);
     ( 258909.7, 4028224.5,      75.8,      75.8,       0.0);         ( 258880.0,
4028196.1,      75.2,      75.2,       0.0);
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     ( 258862.0, 4028155.4,      74.9,      74.9,       0.0);         ( 258844.1,
4028114.8,      76.9,      76.9,       0.0);
     ( 258826.1, 4028074.2,      77.1,      77.1,       0.0);         ( 258808.1,
4028033.5,      75.0,      75.0,       0.0);
     ( 258790.1, 4027992.9,      76.0,      76.0,       0.0);         ( 258772.2,
4027952.3,      78.6,      78.6,       0.0);
     ( 258754.2, 4027911.6,      79.9,      79.9,       0.0);         ( 258736.2,
4027871.0,      79.7,      79.7,       0.0);
     ( 258718.3, 4027830.4,      80.1,      80.1,       0.0);         ( 258700.3,
4027789.8,      79.9,      79.9,       0.0);
     ( 259408.0, 4028410.3,      76.0,      76.0,       0.0);         ( 259430.6,
4028409.9,      75.5,      75.5,       0.0);
     ( 259453.2, 4028409.5,      75.3,      75.3,       0.0);         ( 259475.8,
4028409.1,      75.3,      75.3,       0.0);
     ( 259498.4, 4028408.7,      75.3,      75.3,       0.0);         ( 259521.0,
4028408.3,      75.3,      75.3,       0.0);
     ( 259543.6, 4028407.9,      76.2,      81.0,       0.0);         ( 259566.2,
4028407.5,      78.0,      81.0,       0.0);
     ( 259588.8, 4028407.1,      80.8,      80.8,       0.0);         ( 259368.4,
4028602.6,      77.5,      77.5,       0.0);
     ( 259327.2, 4028586.5,      78.4,      78.4,       0.0);         ( 259286.0,
4028570.4,      77.9,      77.9,       0.0);
     ( 259244.8, 4028554.3,      76.9,      76.9,       0.0);         ( 259203.6,
4028538.1,      76.5,      76.5,       0.0);
     ( 259162.5, 4028522.0,      77.9,      77.9,       0.0);         ( 259121.3,
4028505.9,      78.1,      78.1,       0.0);
     ( 259080.1, 4028489.8,      80.0,      80.0,       0.0);         ( 259038.9,
4028473.7,      78.1,      78.1,       0.0);
     ( 258997.7, 4028457.5,      76.1,      76.1,       0.0);         ( 258956.6,
4028441.4,      77.6,      77.6,       0.0);
     ( 258915.4, 4028425.3,      77.5,      77.5,       0.0);         ( 258874.2,
4028409.2,      76.1,      76.1,       0.0);
     ( 258833.0, 4028393.1,      76.2,      76.2,       0.0);         ( 258791.8,
4028377.0,      76.6,      76.6,       0.0);
     ( 258741.7, 4028340.6,      77.0,      77.0,       0.0);         ( 258723.8,
4028300.2,      77.0,      77.0,       0.0);
↟ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     ( 258705.9, 4028259.7,      77.0,      77.0,       0.0);         ( 258688.0,
4028219.3,      76.0,      76.0,       0.0);
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     ( 258670.2, 4028178.8,      74.7,      74.7,       0.0);         ( 258652.3,
4028138.4,      75.8,      75.8,       0.0);
     ( 258634.4, 4028097.9,      74.9,      74.9,       0.0);         ( 258616.5,
4028057.5,      73.6,      73.6,       0.0);
     ( 258598.6, 4028017.1,      75.7,      75.7,       0.0);         ( 258580.7,
4027976.6,      75.7,      75.7,       0.0);
     ( 258562.8, 4027936.2,      75.2,      75.2,       0.0);         ( 258545.0,
4027895.7,      75.2,      75.2,       0.0);
     ( 258527.1, 4027855.3,      74.9,      74.9,       0.0);         ( 258509.2,
4027814.8,      74.0,      74.0,       0.0);
     ( 258491.3, 4027774.4,      74.2,      74.2,       0.0);         ( 259411.6,
4028610.3,      76.1,      76.1,       0.0);
     ( 259434.1, 4028609.9,      77.6,      77.6,       0.0);         ( 259456.8,
4028609.5,      78.0,      78.0,       0.0);
     ( 259479.3, 4028609.1,      77.7,      77.7,       0.0);         ( 259501.9,
4028608.7,      77.0,      77.0,       0.0);
     ( 259524.5, 4028608.3,      77.0,      77.0,       0.0);         ( 259547.1,
4028607.9,      77.1,      77.1,       0.0);
     ( 259569.7, 4028607.5,      77.1,      77.1,       0.0);         ( 259592.3,
4028607.1,      77.0,      77.0,       0.0);
     ( 259371.9, 4028802.6,      76.0,      76.0,       0.0);         ( 259330.9,
4028786.5,      75.4,      75.4,       0.0);
     ( 259289.8, 4028770.5,      75.3,      75.3,       0.0);         ( 259248.8,
4028754.4,      76.4,      76.4,       0.0);
     ( 259207.7, 4028738.3,      77.5,      77.5,       0.0);         ( 259166.6,
4028722.2,      78.0,      78.0,       0.0);
     ( 259125.6, 4028706.2,      78.1,      78.1,       0.0);         ( 259084.5,
4028690.1,      77.4,      77.4,       0.0);
     ( 259043.5, 4028674.0,      76.5,      76.5,       0.0);         ( 259002.4,
4028658.0,      77.2,      77.2,       0.0);
     ( 258961.3, 4028641.9,      77.0,      77.0,       0.0);         ( 258920.3,
4028625.8,      76.4,      76.4,       0.0);
     ( 258879.2, 4028609.8,      76.0,      76.0,       0.0);         ( 258838.2,
4028593.7,      76.0,      76.0,       0.0);
     ( 258797.1, 4028577.6,      75.6,      75.6,       0.0);         ( 258756.0,
4028561.5,      75.0,      75.0,       0.0);
     ( 258715.0, 4028545.5,      75.9,      75.9,       0.0);         ( 258673.9,
4028529.4,      76.5,      76.5,       0.0);
     ( 258632.9, 4028513.3,      77.0,      77.0,       0.0);         ( 258603.4,
4028485.1,      76.0,      76.0,       0.0);
     ( 258585.6, 4028444.8,      74.5,      74.5,       0.0);         ( 258567.7,
4028404.5,      74.8,      74.8,       0.0);
     ( 258549.9, 4028364.1,      74.5,      74.5,       0.0);         ( 258532.1,
4028323.8,      74.9,      74.9,       0.0);
     ( 258514.2, 4028283.5,      75.8,      75.8,       0.0);         ( 258496.4,
4028243.2,      75.9,      75.9,       0.0);
     ( 258478.6, 4028202.8,      75.0,      75.0,       0.0);         ( 258460.7,
4028162.5,      73.1,      73.1,       0.0);
     ( 258442.9, 4028122.2,      73.2,      73.2,       0.0);         ( 258425.1,
4028081.9,      73.3,      73.3,       0.0);
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     ( 258407.2, 4028041.5,      74.0,      74.0,       0.0);         ( 258389.4,
4028001.2,      75.3,      75.3,       0.0);
     ( 258371.6, 4027960.9,      75.5,      75.5,       0.0);         ( 258353.7,
4027920.6,      75.0,      75.0,       0.0);
     ( 258335.9, 4027880.2,      75.6,      75.6,       0.0);         ( 258318.1,
4027839.9,      75.6,      75.6,       0.0);
     ( 258300.2, 4027799.6,      75.0,      75.0,       0.0);         ( 259415.1,
4028810.2,      76.3,      76.3,       0.0);
     ( 259437.7, 4028809.8,      76.3,      76.3,       0.0);         ( 259460.3,
4028809.4,      76.8,      76.8,       0.0);
     ( 259482.9, 4028809.0,      77.3,      77.3,       0.0);         ( 259505.5,
4028808.6,      77.7,      77.7,       0.0);
     ( 259528.1, 4028808.2,      78.0,      78.0,       0.0);         ( 259550.7,
4028807.9,      78.0,      78.0,       0.0);
     ( 259573.2, 4028807.5,      77.8,      77.8,       0.0);         ( 259595.8,
4028807.1,      77.5,      77.5,       0.0);
     ( 259375.0, 4029002.4,      76.9,      76.9,       0.0);         ( 259354.1,
4028994.2,      77.2,      77.2,       0.0);
     ( 259333.1, 4028986.0,      76.9,      76.9,       0.0);         ( 259312.2,
4028977.8,      76.5,      76.5,       0.0);
     ( 259291.2, 4028969.6,      76.0,      76.0,       0.0);         ( 259249.3,
4028953.2,      78.3,      78.3,       0.0);
     ( 259228.4, 4028945.0,      79.8,      79.8,       0.0);         ( 259207.4,
4028936.8,      79.1,      79.1,       0.0);
     ( 259186.5, 4028928.6,      77.7,      77.7,       0.0);         ( 259144.5,
4028912.2,      76.1,      76.1,       0.0);
     ( 259123.6, 4028904.0,      76.0,      76.0,       0.0);         ( 259102.6,
4028895.8,      76.2,      76.2,       0.0);
     ( 259081.7, 4028887.6,      77.9,      77.9,       0.0);         ( 259039.8,
4028871.2,      78.2,      78.2,       0.0);
     ( 259018.8, 4028863.0,      78.0,      78.0,       0.0);         ( 258997.9,
4028854.8,      77.3,      77.3,       0.0);
     ( 258976.9, 4028846.6,      76.5,      76.5,       0.0);         ( 258935.0,
4028830.2,      76.0,      76.0,       0.0);
     ( 258914.0, 4028822.0,      76.5,      76.5,       0.0);         ( 258893.1,
4028813.8,      77.0,      77.0,       0.0);
     ( 258872.1, 4028805.6,      77.0,      77.0,       0.0);         ( 258851.2,
4028797.4,      77.1,      77.1,       0.0);
↑ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                    *** DISCRETE CARTESIAN RECEPTORS ***
                                  (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                              (METERS)
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```
     ( 258809.3, 4028781.0,      77.0,      77.0,       0.0);         ( 258788.3,
4028772.8,      77.0,      77.0,       0.0);
     ( 258767.4, 4028764.6,      76.6,      76.6,       0.0);         ( 258746.4,
4028756.4,      75.9,      75.9,       0.0);
     ( 258704.5, 4028740.0,      75.2,      75.2,       0.0);         ( 258683.5,
4028731.8,      75.1,      75.1,       0.0);
     ( 258662.6, 4028723.5,      74.8,      74.8,       0.0);         ( 258641.6,
4028715.3,      74.2,      74.2,       0.0);
     ( 258599.7, 4028698.9,      74.0,      74.0,       0.0);         ( 258578.8,
4028690.8,      74.0,      74.0,       0.0);
     ( 258557.8, 4028682.5,      73.6,      73.6,       0.0);         ( 258536.9,
4028674.3,      73.1,      73.1,       0.0);
     ( 258495.0, 4028657.9,      74.7,      74.7,       0.0);         ( 258464.9,
4028629.2,      75.6,      75.6,       0.0);
     ( 258455.8, 4028608.6,      75.0,      75.0,       0.0);         ( 258437.6,
4028567.4,      75.0,      75.0,       0.0);
     ( 258428.5, 4028546.8,      75.0,      75.0,       0.0);         ( 258410.3,
4028505.7,      75.0,      75.0,       0.0);
     ( 258401.2, 4028485.1,      74.9,      74.9,       0.0);         ( 258383.0,
4028443.9,      75.0,      75.0,       0.0);
     ( 258373.9, 4028423.4,      75.0,      75.0,       0.0);         ( 258355.7,
4028382.2,      75.5,      75.5,       0.0);
     ( 258346.6, 4028361.6,      75.4,      75.4,       0.0);         ( 258328.4,
4028320.5,      75.0,      75.0,       0.0);
     ( 258310.2, 4028279.3,      74.3,      74.3,       0.0);         ( 258292.0,
4028238.1,      74.0,      74.0,       0.0);
     ( 258282.9, 4028217.6,      73.9,      73.9,       0.0);         ( 258264.7,
4028176.4,      73.2,      73.2,       0.0);
     ( 258255.6, 4028155.8,      73.4,      73.4,       0.0);         ( 258237.4,
4028114.7,      74.0,      74.0,       0.0);
     ( 258228.3, 4028094.1,      74.0,      74.0,       0.0);         ( 258210.1,
4028052.9,      74.0,      74.0,       0.0);
     ( 258201.0, 4028032.3,      74.0,      74.0,       0.0);         ( 258182.8,
4027991.2,      74.0,      74.0,       0.0);
     ( 258173.7, 4027970.6,      74.0,      74.0,       0.0);         ( 258155.5,
4027929.4,      74.0,      74.0,       0.0);
     ( 258146.4, 4027908.9,      74.0,      74.0,       0.0);         ( 258128.2,
4027867.7,      74.7,      74.7,       0.0);
     ( 258109.9, 4027826.5,      74.0,      74.0,       0.0);         ( 258091.8,
4027785.4,      74.0,      74.0,       0.0);
     ( 259418.6, 4029010.2,      75.7,      75.7,       0.0);         ( 259441.2,
4029009.8,      75.0,      75.0,       0.0);
     ( 259463.8, 4029009.4,      75.8,      75.8,       0.0);         ( 259486.4,
4029009.0,      76.7,      76.7,       0.0);
     ( 259509.0, 4029008.6,      77.2,      77.2,       0.0);         ( 259531.6,
4029008.2,      77.0,      77.0,       0.0);
     ( 259554.2, 4029007.8,      76.2,      76.2,       0.0);         ( 259576.8,
4029007.4,      76.0,      76.0,       0.0);
     ( 259599.4, 4029007.0,      76.0,      76.0,       0.0);         ( 259378.7,
4029202.4,      77.2,      77.2,       0.0);
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     ( 259336.9, 4029186.1,      77.1,      77.1,       0.0);         ( 259295.2,
4029169.8,      76.7,      76.7,       0.0);
     ( 259253.5, 4029153.4,      76.1,      76.1,       0.0);         ( 259211.8,
4029137.1,      76.8,      76.8,       0.0);
     ( 259170.1, 4029120.8,      76.0,      76.0,       0.0);         ( 259128.3,
4029104.4,      76.0,      76.0,       0.0);
     ( 259086.6, 4029088.1,      76.1,      76.1,       0.0);         ( 259044.9,
4029071.8,      76.6,      76.6,       0.0);
     ( 259003.2, 4029055.4,      77.0,      77.0,       0.0);         ( 258961.5,
4029039.1,      76.3,      76.3,       0.0);
     ( 258919.8, 4029022.8,      76.0,      76.0,       0.0);         ( 258878.0,
4029006.5,      77.3,      77.3,       0.0);
     ( 258836.3, 4028990.1,      76.6,      76.6,       0.0);         ( 258794.6,
4028973.8,      76.1,      76.1,       0.0);
     ( 258752.9, 4028957.5,      77.4,      77.4,       0.0);         ( 258711.1,
4028941.1,      77.0,      77.0,       0.0);
     ( 258669.4, 4028924.8,      75.8,      75.8,       0.0);         ( 258627.7,
4028908.5,      76.0,      76.0,       0.0);
     ( 258586.0, 4028892.2,      75.0,      75.0,       0.0);         ( 258544.3,
4028875.8,      74.9,      74.9,       0.0);
     ( 258502.5, 4028859.5,      75.8,      75.8,       0.0);         ( 258460.8,
4028843.2,      76.5,      76.5,       0.0);
     ( 258419.1, 4028826.8,      73.8,      73.8,       0.0);         ( 258377.4,
4028810.5,      74.9,      74.9,       0.0);
     ( 258326.6, 4028773.7,      74.6,      74.6,       0.0);         ( 258308.5,
4028732.7,      75.9,      75.9,       0.0);
     ( 258290.4, 4028691.8,      74.7,      74.7,       0.0);         ( 258272.3,
4028650.8,      74.6,      74.6,       0.0);
     ( 258254.1, 4028609.8,      76.0,      76.0,       0.0);         ( 258236.0,
4028568.8,      74.6,      74.6,       0.0);
     ( 258217.9, 4028527.9,      74.0,      74.0,       0.0);         ( 258199.8,
4028486.9,      72.9,      72.9,       0.0);
     ( 258181.7, 4028445.9,      72.0,      72.0,       0.0);         ( 258163.5,
4028404.9,      72.9,      72.9,       0.0);
     ( 258145.4, 4028364.0,      73.9,      73.9,       0.0);         ( 258127.3,
4028323.0,      74.0,      74.0,       0.0);
     ( 258109.2, 4028282.0,      72.7,      72.7,       0.0);         ( 258091.1,
4028241.0,      72.0,      72.0,       0.0);
     ( 258072.9, 4028200.1,      71.7,      71.7,       0.0);         ( 258054.8,
4028159.1,      72.2,      72.2,       0.0);
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                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
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(METERS)

(258036.7, 4028118.1, 73.2, 73.2, 0.0); (258018.6, 4028077.2, 74.5, 74.5, 0.0);
(258000.5, 4028036.2, 73.0, 73.0, 0.0); (257982.3, 4027995.2, 72.7, 72.7, 0.0);
(257964.2, 4027954.2, 73.0, 73.0, 0.0); (257946.1, 4027913.3, 73.0, 73.0, 0.0);
(257928.0, 4027872.3, 73.8, 73.8, 0.0); (257909.9, 4027831.3, 74.0, 74.0, 0.0);
(257891.7, 4027790.3, 74.4, 74.4, 0.0); (259422.1, 4029210.2, 77.0, 77.0, 0.0);
(259444.7, 4029209.8, 77.0, 77.0, 0.0); (259467.3, 4029209.4, 77.0, 77.0, 0.0);
(259489.9, 4029209.0, 77.0, 77.0, 0.0); (259512.5, 4029208.6, 77.4, 77.4, 0.0);
(259535.1, 4029208.2, 78.0, 78.0, 0.0); (259557.7, 4029207.8, 77.9, 77.9, 0.0);
(259580.3, 4029207.4, 77.9, 77.9, 0.0); (259602.9, 4029207.0, 77.9, 77.9, 0.0);
(259621.3, 4027730.7, 75.4, 75.4, 0.0); (259665.3, 4027729.1, 74.7, 74.7, 0.0);
(259709.3, 4027727.6, 74.4, 74.4, 0.0); (259600.2, 4027756.4, 76.7, 76.7, 0.0);
(259644.2, 4027754.9, 75.2, 75.2, 0.0); (259688.1, 4027753.4, 73.7, 73.7, 0.0);
(259732.1, 4027751.8, 74.0, 74.0, 0.0); (259601.1, 4027781.4, 77.0, 77.0, 0.0);
(259645.0, 4027779.9, 75.2, 75.2, 0.0); (259689.0, 4027778.3, 73.2, 73.2, 0.0);
(259733.0, 4027776.8, 74.0, 74.0, 0.0); (259602.0, 4027806.4, 76.3, 76.3, 0.0);
(259645.9, 4027804.9, 75.0, 75.0, 0.0); (259689.9, 4027803.3, 73.0, 73.0, 0.0);
(259733.9, 4027801.8, 73.8, 73.8, 0.0); (259603.7, 4027856.4, 75.0, 75.0, 0.0);
(259647.7, 4027854.8, 74.1, 74.1, 0.0); (259691.6, 4027853.3, 73.0, 73.0, 0.0);
(259735.6, 4027851.8, 73.8, 73.8, 0.0); (259605.4, 4027906.3, 78.1, 78.1, 0.0);
(259649.4, 4027904.8, 76.0, 76.0, 0.0); (259693.4, 4027903.3, 73.2, 73.2, 0.0);
(259737.3, 4027901.7, 73.0, 73.0, 0.0); (259607.2, 4027956.3, 78.4, 78.4, 0.0);
(259651.2, 4027954.8, 77.9, 77.9, 0.0); (259695.1, 4027953.2, 75.0, 75.0, 0.0);
(259739.1, 4027951.7, 74.1, 74.1, 0.0); (259608.9, 4028006.3, 76.8, 76.8, 0.0);
(259652.9, 4028004.8, 78.0, 78.0, 0.0); (259696.9, 4028003.2, 77.0, 77.0, 0.0);

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     ( 259740.8, 4028001.7,      75.8,      75.8,       0.0);         ( 259612.4,
4028106.2,      79.0,      79.0,       0.0);
     ( 259656.4, 4028104.7,      80.3,      80.3,       0.0);         ( 259700.3,
4028103.1,      80.1,      80.1,       0.0);
     ( 259744.3, 4028101.6,      78.8,      78.8,       0.0);         ( 259615.9,
4028206.2,      82.3,      82.3,       0.0);
     ( 259659.9, 4028204.6,      84.5,      84.5,       0.0);         ( 259703.8,
4028203.1,      83.6,      83.6,       0.0);
     ( 259747.8, 4028201.6,      82.3,      82.3,       0.0);         ( 259619.4,
4028306.1,      83.0,      83.0,       0.0);
     ( 259663.4, 4028304.6,      84.2,      84.2,       0.0);         ( 259707.3,
4028303.0,      84.0,      84.0,       0.0);
     ( 259751.3, 4028301.5,      81.9,      81.9,       0.0);         ( 259622.9,
4028406.0,      82.0,      82.0,       0.0);
     ( 259666.8, 4028404.5,      82.0,      82.0,       0.0);         ( 259710.8,
4028403.0,      80.9,      80.9,       0.0);
     ( 259754.8, 4028401.4,      80.0,      80.0,       0.0);         ( 259629.9,
4028605.9,      76.6,      76.6,       0.0);
     ( 259673.8, 4028604.4,      76.0,      76.0,       0.0);         ( 259717.8,
4028602.8,      75.0,      75.0,       0.0);
     ( 259761.8, 4028601.3,      74.6,      74.6,       0.0);         ( 259636.8,
4028805.8,      77.6,      77.6,       0.0);
     ( 259680.8, 4028804.3,      78.0,      78.0,       0.0);         ( 259724.8,
4028802.7,      77.8,      77.8,       0.0);
     ( 259768.7, 4028801.2,      77.3,      77.3,       0.0);         ( 259643.8,
4029005.7,      76.9,      76.9,       0.0);
     ( 259687.8, 4029004.1,      78.1,      78.1,       0.0);         ( 259731.7,
4029002.6,      78.1,      78.1,       0.0);
     ( 259775.7, 4029001.1,      78.2,      78.2,       0.0);         ( 259628.8,
4029206.3,      77.9,      77.9,       0.0);
     ( 259672.8, 4029204.8,      78.1,      78.1,       0.0);         ( 259716.7,
4029203.2,      77.8,      77.8,       0.0);
     ( 259760.7, 4029201.7,      77.0,      77.0,       0.0);         ( 259755.0,
4027725.5,      74.2,      74.2,       0.0);
     ( 259778.3, 4027724.3,      74.8,      74.8,       0.0);         ( 259801.5,
4027723.0,      75.6,      75.6,       0.0);
     ( 259824.8, 4027721.7,      76.4,      76.4,       0.0);         ( 259848.0,
4027720.4,      76.3,      76.3,       0.0);
     ( 259871.3, 4027719.2,      76.0,      76.0,       0.0);         ( 259894.6,
4027717.9,      76.3,      76.3,       0.0);
     ( 259756.4, 4027750.5,      74.2,      74.2,       0.0);         ( 259779.6,
4027749.2,      74.5,      74.5,       0.0);
↟ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(259802.9, 4027747.9, 75.1, 75.1, 0.0); (259826.1, 4027746.7, 75.7, 75.7, 0.0);
(259849.4, 4027745.4, 75.8, 75.8, 0.0); (259872.7, 4027744.1, 75.9, 75.9, 0.0);
(259895.9, 4027742.8, 76.4, 76.4, 0.0); (259757.7, 4027775.5, 74.6, 74.6, 0.0);
(259781.0, 4027774.2, 75.0, 75.0, 0.0); (259804.3, 4027772.9, 75.1, 75.1, 0.0);
(259827.5, 4027771.6, 75.0, 75.0, 0.0); (259850.8, 4027770.4, 75.0, 75.0, 0.0);
(259874.0, 4027769.1, 75.5, 75.5, 0.0); (259897.3, 4027767.8, 76.5, 76.5, 0.0);
(259759.1, 4027800.4, 74.6, 74.6, 0.0); (259782.4, 4027799.2, 75.4, 75.4, 0.0);
(259805.6, 4027797.9, 75.9, 75.9, 0.0); (259828.9, 4027796.6, 75.9, 75.9, 0.0);
(259852.1, 4027795.3, 76.5, 76.5, 0.0); (259875.4, 4027794.0, 76.7, 76.7, 0.0);
(259898.7, 4027792.8, 77.1, 77.1, 0.0); (259761.8, 4027850.4, 74.5, 74.5, 0.0);
(259785.1, 4027849.1, 75.3, 75.3, 0.0); (259808.4, 4027847.8, 76.0, 76.0, 0.0);
(259831.6, 4027846.5, 76.0, 76.0, 0.0); (259854.9, 4027845.2, 76.8, 76.8, 0.0);
(259878.1, 4027844.0, 77.3, 77.3, 0.0); (259901.4, 4027842.7, 77.2, 77.2, 0.0);
(259764.6, 4027900.3, 73.8, 73.8, 0.0); (259787.8, 4027899.0, 73.8, 73.8, 0.0);
(259811.1, 4027897.7, 73.9, 73.9, 0.0); (259834.4, 4027896.4, 74.5, 74.5, 0.0);
(259857.6, 4027895.2, 75.6, 75.6, 0.0); (259880.9, 4027893.9, 76.6, 76.6, 0.0);
(259904.1, 4027892.6, 76.6, 76.6, 0.0); (259767.3, 4027950.2, 75.8, 75.8, 0.0);
(259790.6, 4027948.9, 74.6, 74.6, 0.0); (259813.9, 4027947.6, 73.0, 73.0, 0.0);
(259837.1, 4027946.4, 72.3, 72.3, 0.0); (259860.4, 4027945.1, 73.2, 73.2, 0.0);
(259883.6, 4027943.8, 75.6, 75.6, 0.0); (259906.9, 4027942.5, 75.8, 75.8, 0.0);
(259770.1, 4028000.1, 77.0, 77.0, 0.0); (259793.3, 4027998.8, 76.7, 76.7, 0.0);
(259816.6, 4027997.6, 75.8, 75.8, 0.0); (259839.9, 4027996.3, 74.9, 74.9, 0.0);
(259863.1, 4027995.0, 74.5, 74.5, 0.0); (259886.4, 4027993.8, 74.1, 74.1, 0.0);

```
     ( 259909.6, 4027992.5,      74.3,      74.3,       0.0);         ( 259775.6,
4028100.0,      77.0,      77.0,       0.0);
     ( 259798.8, 4028098.7,      77.0,      77.0,       0.0);         ( 259822.1,
4028097.4,      77.6,      77.6,       0.0);
     ( 259845.3, 4028096.1,      77.7,      77.7,       0.0);         ( 259868.6,
4028094.9,      77.7,      77.7,       0.0);
     ( 259891.9, 4028093.6,      77.6,      77.6,       0.0);         ( 259915.1,
4028092.3,      77.5,      77.5,       0.0);
     ( 259781.0, 4028199.8,      82.5,      82.5,       0.0);         ( 259804.3,
4028198.5,      83.2,      83.2,       0.0);
     ( 259827.6, 4028197.3,      83.0,      83.0,       0.0);         ( 259850.8,
4028196.0,      82.3,      82.3,       0.0);
     ( 259874.1, 4028194.7,      81.6,      81.6,       0.0);         ( 259897.3,
4028193.4,      81.4,      81.4,       0.0);
     ( 259920.6, 4028192.2,      82.1,      82.1,       0.0);         ( 259786.5,
4028299.7,      80.8,      80.8,       0.0);
     ( 259809.8, 4028298.4,      80.3,      80.3,       0.0);         ( 259833.0,
4028297.1,      80.2,      80.2,       0.0);
     ( 259856.3, 4028295.8,      80.9,      80.9,       0.0);         ( 259879.6,
4028294.6,      81.6,      81.6,       0.0);
     ( 259902.8, 4028293.3,      82.1,      82.1,       0.0);         ( 259926.1,
4028292.0,      82.7,      82.7,       0.0);
     ( 259792.0, 4028399.5,      80.0,      80.0,       0.0);         ( 259815.3,
4028398.2,      81.0,      81.0,       0.0);
     ( 259838.5, 4028397.0,      82.5,      82.5,       0.0);         ( 259861.8,
4028395.7,      83.9,      83.9,       0.0);
     ( 259885.0, 4028394.4,      84.6,      84.6,       0.0);         ( 259908.3,
4028393.1,      84.8,      84.8,       0.0);
     ( 259931.6, 4028391.9,      84.8,      84.8,       0.0);         ( 259803.0,
4028599.2,      77.1,      77.1,       0.0);
     ( 259826.2, 4028597.9,      77.9,      77.9,       0.0);         ( 259849.5,
4028596.7,      78.6,      78.6,       0.0);
     ( 259872.8, 4028595.4,      79.0,      79.0,       0.0);         ( 259896.0,
4028594.1,      78.9,      78.9,       0.0);
     ( 259919.3, 4028592.8,      78.6,      78.6,       0.0);         ( 259942.5,
4028591.6,      78.4,      78.4,       0.0);
     ( 259813.9, 4028798.9,      77.8,      77.8,       0.0);         ( 259837.2,
4028797.6,      78.0,      78.0,       0.0);
     ( 259860.5, 4028796.4,      78.0,      78.0,       0.0);         ( 259883.7,
4028795.1,      78.0,      78.0,       0.0);
     ( 259907.0, 4028793.8,      78.6,      78.6,       0.0);         ( 259930.2,
4028792.5,      79.3,      79.3,       0.0);
     ( 259953.5, 4028791.3,      79.8,      79.8,       0.0);         ( 259801.6,
4028999.9,      79.1,      79.1,       0.0);
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***       18:20:08

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(259824.9, 4028998.6, 80.6, 80.6, 0.0); (259848.2, 4028997.3, 81.5, 81.5, 0.0);
(259871.4, 4028996.1, 81.5, 81.5, 0.0); (259894.7, 4028994.8, 80.7, 80.7, 0.0);
(259917.9, 4028993.5, 79.8, 79.8, 0.0); (259941.2, 4028992.2, 80.5, 80.5, 0.0);
(259964.5, 4028991.0, 80.7, 80.7, 0.0); (259797.6, 4029200.3, 78.8, 78.8, 0.0);
(259835.9, 4029198.3, 79.8, 79.8, 0.0); (259859.1, 4029197.0, 80.0, 80.0, 0.0);
(259882.4, 4029195.8, 80.0, 80.0, 0.0); (259905.6, 4029194.5, 80.0, 80.0, 0.0);
(259928.9, 4029193.2, 80.4, 80.4, 0.0); (259952.2, 4029191.9, 81.3, 81.3, 0.0);
(259975.4, 4029190.7, 80.8, 80.8, 0.0); (259939.9, 4027716.7, 77.3, 77.3, 0.0);
(259962.9, 4027716.1, 76.6, 76.6, 0.0); (259985.9, 4027715.5, 76.2, 76.2, 0.0);
(260008.9, 4027714.9, 76.8, 76.8, 0.0); (260031.9, 4027714.3, 77.6, 77.6, 0.0);
(260054.9, 4027713.7, 78.4, 78.4, 0.0); (260077.9, 4027713.1, 78.9, 78.9, 0.0);
(260100.9, 4027712.5, 78.9, 78.9, 0.0); (260123.9, 4027711.9, 78.9, 78.9, 0.0);
(260147.0, 4027711.3, 78.4, 78.4, 0.0); (260170.0, 4027710.8, 77.6, 77.6, 0.0);
(259940.5, 4027741.7, 77.4, 77.4, 0.0); (259963.5, 4027741.1, 76.6, 76.6, 0.0);
(259986.5, 4027740.5, 76.0, 76.0, 0.0); (260009.5, 4027739.9, 76.0, 76.0, 0.0);
(260032.5, 4027739.3, 76.8, 76.8, 0.0); (260055.6, 4027738.7, 77.6, 77.6, 0.0);
(260078.6, 4027738.1, 78.1, 78.1, 0.0); (260101.6, 4027737.5, 78.1, 78.1, 0.0);
(260124.6, 4027736.9, 78.1, 78.1, 0.0); (260147.6, 4027736.3, 77.5, 77.5, 0.0);
(260170.6, 4027735.7, 76.8, 76.8, 0.0); (259941.2, 4027766.7, 77.9, 77.9, 0.0);
(259964.2, 4027766.1, 77.4, 77.4, 0.0); (259987.2, 4027765.5, 76.6, 76.6, 0.0);
(260010.2, 4027764.9, 76.0, 76.0, 0.0); (260033.2, 4027764.3, 76.1, 76.1, 0.0);
(260056.2, 4027763.7, 76.3, 76.3, 0.0); (260079.2, 4027763.1, 76.7, 76.7, 0.0);

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     ( 260102.2, 4027762.5,      77.3,      77.3,       0.0);         ( 260125.2,
4027761.9,      77.9,      77.9,       0.0);
     ( 260148.2, 4027761.3,      77.4,      77.4,       0.0);         ( 260171.3,
4027760.7,      76.6,      76.6,       0.0);
     ( 259941.8, 4027791.7,      77.5,      77.5,       0.0);         ( 259964.8,
4027791.1,      76.8,      76.8,       0.0);
     ( 259987.8, 4027790.5,      76.2,      76.2,       0.0);         ( 260010.8,
4027789.9,      76.0,      76.0,       0.0);
     ( 260033.8, 4027789.3,      76.0,      76.0,       0.0);         ( 260056.9,
4027788.7,      75.6,      75.6,       0.0);
     ( 260079.9, 4027788.1,      75.5,      75.5,       0.0);         ( 260102.9,
4027787.5,      76.0,      76.0,       0.0);
     ( 260125.9, 4027786.9,      77.2,      77.2,       0.0);         ( 260148.9,
4027786.3,      77.2,      77.2,       0.0);
     ( 260171.9, 4027785.7,      77.0,      77.0,       0.0);         ( 259943.1,
4027841.7,      76.6,      76.6,       0.0);
     ( 259966.1, 4027841.1,      76.5,      76.5,       0.0);         ( 259989.1,
4027840.5,      76.5,      76.5,       0.0);
     ( 260012.1, 4027839.9,      77.0,      77.0,       0.0);         ( 260035.1,
4027839.3,      77.0,      77.0,       0.0);
     ( 260058.1, 4027838.7,      77.0,      77.0,       0.0);         ( 260081.2,
4027838.1,      77.0,      77.0,       0.0);
     ( 260104.2, 4027837.5,      77.1,      77.1,       0.0);         ( 260127.2,
4027836.9,      77.7,      77.7,       0.0);
     ( 260150.2, 4027836.3,      77.9,      77.9,       0.0);         ( 260173.2,
4027835.7,      78.4,      78.4,       0.0);
     ( 259944.4, 4027891.7,      76.8,      76.8,       0.0);         ( 259967.4,
4027891.1,      77.5,      77.5,       0.0);
     ( 259990.4, 4027890.5,      77.6,      77.6,       0.0);         ( 260013.4,
4027889.9,      77.0,      77.0,       0.0);
     ( 260036.4, 4027889.3,      77.0,      77.0,       0.0);         ( 260059.4,
4027888.7,      76.4,      76.4,       0.0);
     ( 260082.5, 4027888.1,      76.1,      76.1,       0.0);         ( 260105.5,
4027887.5,      76.2,      76.2,       0.0);
     ( 260128.5, 4027886.9,      77.0,      77.0,       0.0);         ( 260151.5,
4027886.3,      77.1,      77.1,       0.0);
     ( 260174.5, 4027885.7,      77.2,      77.2,       0.0);         ( 259945.7,
4027941.6,      75.9,      75.9,       0.0);
     ( 259968.7, 4027941.0,      76.2,      76.2,       0.0);         ( 259991.7,
4027940.4,      76.2,      76.2,       0.0);
     ( 260014.7, 4027939.8,      76.0,      76.0,       0.0);         ( 260037.7,
4027939.3,      76.0,      76.0,       0.0);
     ( 260060.8, 4027938.7,      76.0,      76.0,       0.0);         ( 260083.8,
4027938.1,      75.8,      75.8,       0.0);
     ( 260106.8, 4027937.5,      75.5,      75.5,       0.0);         ( 260129.8,
4027936.9,      75.4,      75.4,       0.0);
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(260152.8, 4027936.3, 75.5, 75.5, 0.0); (260175.8, 4027935.7, 75.8, 75.8, 0.0);
(259947.0, 4027991.6, 75.3, 75.3, 0.0); (259970.0, 4027991.0, 75.5, 75.5, 0.0);
(259993.0, 4027990.4, 76.1, 76.1, 0.0); (260016.0, 4027989.8, 76.7, 76.7, 0.0);
(260039.0, 4027989.2, 77.0, 77.0, 0.0); (260062.0, 4027988.6, 77.0, 77.0, 0.0);
(260085.0, 4027988.0, 76.6, 76.6, 0.0); (260108.1, 4027987.4, 76.2, 76.2, 0.0);
(260131.1, 4027986.8, 76.2, 76.2, 0.0); (260154.1, 4027986.3, 76.0, 76.0, 0.0);
(260177.1, 4027985.7, 76.6, 76.6, 0.0); (259949.6, 4028091.6, 77.4, 77.4, 0.0);
(259972.6, 4028091.0, 77.4, 77.4, 0.0); (259995.6, 4028090.4, 77.7, 77.7, 0.0);
(260018.6, 4028089.8, 77.9, 77.9, 0.0); (260041.6, 4028089.2, 77.6, 77.6, 0.0);
(260064.6, 4028088.6, 77.1, 77.1, 0.0); (260087.6, 4028088.0, 76.1, 76.1, 0.0);
(260110.7, 4028087.4, 75.1, 75.1, 0.0); (260133.7, 4028086.8, 74.5, 74.5, 0.0);
(260156.7, 4028086.2, 74.5, 74.5, 0.0); (260179.7, 4028085.6, 75.8, 75.8, 0.0);
(259952.2, 4028191.6, 81.8, 81.8, 0.0); (259975.2, 4028191.0, 79.5, 79.5, 0.0);
(259998.2, 4028190.4, 77.8, 77.8, 0.0); (260021.2, 4028189.8, 77.4, 77.4, 0.0);
(260044.2, 4028189.2, 78.0, 78.0, 0.0); (260067.2, 4028188.6, 78.0, 78.0, 0.0);
(260090.2, 4028188.0, 76.6, 76.6, 0.0); (260113.2, 4028187.4, 76.3, 76.3, 0.0);
(260136.3, 4028186.8, 76.9, 76.9, 0.0); (260159.3, 4028186.2, 77.0, 77.0, 0.0);
(260182.3, 4028185.6, 78.6, 78.6, 0.0); (259954.8, 4028291.5, 83.7, 83.7, 0.0);
(259977.8, 4028290.9, 82.5, 82.5, 0.0); (260000.8, 4028290.3, 81.0, 81.0, 0.0);
(260023.8, 4028289.7, 80.3, 80.3, 0.0); (260046.8, 4028289.1, 80.5, 80.5, 0.0);
(260069.8, 4028288.5, 81.3, 81.3, 0.0); (260092.8, 4028287.9, 81.8, 81.8, 0.0);

```
     ( 260115.8, 4028287.3,      82.4,      82.4,       0.0);         ( 260138.8,
4028286.8,      82.5,      82.5,       0.0);
     ( 260161.9, 4028286.2,      81.7,      81.7,       0.0);         ( 260184.9,
4028285.6,      81.0,      81.0,       0.0);
     ( 259957.4, 4028391.5,      84.9,      84.9,       0.0);         ( 259980.4,
4028390.9,      84.7,      84.7,       0.0);
     ( 260003.4, 4028390.3,      83.9,      83.9,       0.0);         ( 260026.4,
4028389.7,      83.7,      83.7,       0.0);
     ( 260049.4, 4028389.1,      83.6,      83.6,       0.0);         ( 260072.4,
4028388.5,      83.6,      83.6,       0.0);
     ( 260095.4, 4028387.9,      83.1,      83.1,       0.0);         ( 260118.4,
4028387.3,      81.8,      81.8,       0.0);
     ( 260141.4, 4028386.7,      80.2,      80.2,       0.0);         ( 260164.4,
4028386.1,      78.9,      78.9,       0.0);
     ( 260187.5, 4028385.5,      78.5,      78.5,       0.0);         ( 259985.5,
4028590.8,      78.0,      78.0,       0.0);
     ( 260008.6, 4028590.2,      78.0,      78.0,       0.0);         ( 260031.6,
4028589.6,      78.5,      78.5,       0.0);
     ( 260054.6, 4028589.0,      78.8,      78.8,       0.0);         ( 260077.6,
4028588.4,      79.2,      79.2,       0.0);
     ( 260100.6, 4028587.8,      80.0,      80.0,       0.0);         ( 260123.6,
4028587.2,      80.0,      80.0,       0.0);
     ( 260146.6, 4028586.6,      79.9,      79.9,       0.0);         ( 260169.6,
4028586.0,      79.7,      79.7,       0.0);
     ( 260192.6, 4028585.5,      79.6,      79.6,       0.0);         ( 259990.7,
4028790.8,      78.6,      78.6,       0.0);
     ( 260013.8, 4028790.2,      78.0,      78.0,       0.0);         ( 260036.8,
4028789.6,      78.0,      78.0,       0.0);
     ( 260059.8, 4028789.0,      77.3,      77.3,       0.0);         ( 260082.8,
4028788.4,      77.0,      77.0,       0.0);
     ( 260105.8, 4028787.8,      77.0,      77.0,       0.0);         ( 260128.8,
4028787.2,      77.0,      77.0,       0.0);
     ( 260151.8, 4028786.6,      77.0,      77.0,       0.0);         ( 260174.8,
4028786.0,      77.5,      77.5,       0.0);
     ( 260197.8, 4028785.4,      78.5,      78.5,       0.0);         ( 259995.9,
4028990.7,      80.5,      80.5,       0.0);
     ( 260018.9, 4028990.1,      80.5,      80.5,       0.0);         ( 260041.9,
4028989.5,      81.0,      81.0,       0.0);
     ( 260064.9, 4028988.9,      80.8,      80.8,       0.0);         ( 260088.0,
4028988.3,      81.1,      81.1,       0.0);
     ( 260111.0, 4028987.7,      81.1,      81.1,       0.0);         ( 260134.0,
4028987.1,      80.5,      80.5,       0.0);
     ( 260157.0, 4028986.5,      80.1,      80.1,       0.0);         ( 260180.0,
4028985.9,      79.4,      79.4,       0.0);
     ( 260203.0, 4028985.3,      79.0,      79.0,       0.0);         ( 260001.1,
4029190.6,      80.7,      80.7,       0.0);
     ( 260024.1, 4029190.0,      81.0,      81.0,       0.0);         ( 260047.1,
4029189.4,      81.4,      81.4,       0.0);
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```
     ( 260070.1, 4029188.8,      81.6,      81.6,       0.0);         ( 260093.1,
4029188.2,      82.7,      82.7,       0.0);
     ( 260116.2, 4029187.6,      83.4,      83.4,       0.0);         ( 260139.2,
4029187.0,      83.8,      83.8,       0.0);
     ( 260162.2, 4029186.4,      83.8,      83.8,       0.0);         ( 260185.2,
4029185.8,      83.6,      83.6,       0.0);
     ( 260208.2, 4029185.3,      82.0,      84.0,       0.0);         ( 260190.4,
4027695.6,      78.0,      78.0,       0.0);
     ( 260195.5, 4027670.2,      78.9,      78.9,       0.0);         ( 260214.1,
4027700.1,      77.4,      77.4,       0.0);
     ( 260192.8, 4027726.5,      76.5,      76.5,       0.0);         ( 260220.4,
4027671.9,      78.3,      78.3,       0.0);
     ( 260238.4, 4027703.2,      76.8,      76.8,       0.0);         ( 260226.9,
4027727.7,      76.3,      76.3,       0.0);
     ( 260208.7, 4027745.1,      76.1,      76.1,       0.0);         ( 260245.3,
4027673.6,      78.2,      78.2,       0.0);
     ( 260263.0, 4027705.7,      76.2,      76.2,       0.0);         ( 260250.7,
4027731.9,      76.0,      76.0,       0.0);
     ( 260225.2, 4027763.5,      76.8,      76.8,       0.0);         ( 260198.5,
4027774.6,      76.6,      76.6,       0.0);
     ( 260270.3, 4027675.4,      77.5,      77.5,       0.0);         ( 260312.4,
4027710.1,      75.9,      75.9,       0.0);
     ( 260299.3, 4027738.1,      75.4,      75.4,       0.0);         ( 260286.2,
4027766.1,      75.8,      75.8,       0.0);
     ( 260258.8, 4027800.0,      78.7,      78.7,       0.0);         ( 260230.3,
4027811.9,      79.0,      79.0,       0.0);
     ( 260201.7, 4027823.8,      78.9,      78.9,       0.0);         ( 260320.2,
4027678.8,      76.0,      76.0,       0.0);
     ( 260362.0, 4027714.1,      75.6,      75.6,       0.0);         ( 260348.4,
4027743.1,      74.3,      74.3,       0.0);
     ( 260334.8, 4027772.2,      74.3,      74.3,       0.0);         ( 260321.2,
4027801.2,      76.3,      76.3,       0.0);
     ( 260292.8, 4027836.4,      78.7,      78.7,       0.0);         ( 260263.3,
4027848.7,      79.0,      79.0,       0.0);
     ( 260233.7, 4027861.0,      79.0,      79.0,       0.0);         ( 260204.1,
4027873.4,      78.3,      78.3,       0.0);
     ( 260370.0, 4027682.3,      76.9,      76.9,       0.0);         ( 260411.8,
4027717.9,      76.7,      76.7,       0.0);
     ( 260397.9, 4027747.6,      77.1,      77.1,       0.0);         ( 260383.9,
4027777.3,      76.2,      78.0,       0.0);
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     ( 260370.0, 4027807.0,      75.2,      75.2,       0.0);         ( 260356.1,
4027836.6,      76.4,      76.4,       0.0);
     ( 260327.1, 4027872.6,      78.7,      78.7,       0.0);         ( 260296.8,
4027885.2,      79.0,      79.0,       0.0);
     ( 260266.6, 4027897.8,      78.9,      78.9,       0.0);         ( 260236.3,
4027910.5,      77.9,      77.9,       0.0);
     ( 260206.1, 4027923.1,      76.5,      76.5,       0.0);         ( 260419.9,
4027685.8,      76.1,      76.1,       0.0);
     ( 260461.5, 4027721.6,      78.4,      78.4,       0.0);         ( 260447.4,
4027751.7,      78.6,      78.6,       0.0);
     ( 260433.3, 4027781.9,      77.7,      77.7,       0.0);         ( 260419.2,
4027812.0,      76.6,      76.6,       0.0);
     ( 260405.0, 4027842.2,      77.0,      77.0,       0.0);         ( 260390.9,
4027872.3,      78.3,      78.3,       0.0);
     ( 260361.4, 4027908.8,      78.3,      78.3,       0.0);         ( 260330.7,
4027921.6,      78.6,      78.6,       0.0);
     ( 260300.0, 4027934.4,      77.7,      77.7,       0.0);         ( 260269.3,
4027947.2,      77.5,      77.5,       0.0);
     ( 260238.5, 4027960.0,      77.8,      77.8,       0.0);         ( 260207.8,
4027972.9,      77.4,      77.4,       0.0);
     ( 260469.8, 4027689.2,      77.4,      77.4,       0.0);         ( 260561.2,
4027728.8,      78.0,      78.0,       0.0);
     ( 260546.8, 4027759.5,      77.1,      77.1,       0.0);         ( 260532.4,
4027790.3,      78.5,      78.5,       0.0);
     ( 260518.0, 4027821.0,      79.0,      79.0,       0.0);         ( 260503.6,
4027851.7,      78.1,      78.1,       0.0);
     ( 260489.2, 4027882.5,      76.5,      76.5,       0.0);         ( 260474.8,
4027913.2,      75.2,      75.2,       0.0);
     ( 260460.4, 4027943.9,      75.0,      75.0,       0.0);         ( 260430.3,
4027981.2,      76.0,      76.0,       0.0);
     ( 260399.0, 4027994.2,      77.5,      77.5,       0.0);         ( 260367.6,
4028007.3,      77.9,      77.9,       0.0);
     ( 260336.3, 4028020.3,      76.6,      76.6,       0.0);         ( 260305.0,
4028033.4,      76.0,      76.0,       0.0);
     ( 260273.7, 4028046.5,      76.2,      76.2,       0.0);         ( 260242.3,
4028059.5,      77.3,      77.3,       0.0);
     ( 260211.0, 4028072.6,      76.8,      76.8,       0.0);         ( 260569.6,
4027696.1,      78.2,      78.2,       0.0);
     ( 260660.8, 4027735.9,      75.8,      75.8,       0.0);         ( 260646.3,
4027767.0,      75.3,      75.3,       0.0);
     ( 260631.7, 4027798.1,      77.2,      77.2,       0.0);         ( 260617.1,
4027829.2,      79.0,      79.0,       0.0);
     ( 260602.5, 4027860.3,      79.2,      79.2,       0.0);         ( 260588.0,
4027891.4,      78.9,      78.9,       0.0);
     ( 260573.4, 4027922.5,      77.6,      77.6,       0.0);         ( 260558.8,
4027953.6,      76.6,      76.6,       0.0);
     ( 260544.3, 4027984.7,      78.3,      78.3,       0.0);         ( 260529.7,
4028015.8,      78.7,      78.7,       0.0);
     ( 260499.3, 4028053.5,      77.2,      77.2,       0.0);         ( 260467.6,
4028066.7,      77.0,      77.0,       0.0);
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(260435.9, 4028079.9, 77.5, 77.5, 0.0); (260404.2, 4028093.1, 78.1, 78.1, 0.0);
(260372.5, 4028106.3, 77.8, 77.8, 0.0); (260340.8, 4028119.5, 76.7, 76.7, 0.0);
(260309.1, 4028132.8, 77.1, 77.1, 0.0); (260277.4, 4028146.0, 77.6, 77.6, 0.0);
(260245.7, 4028159.2, 78.3, 78.3, 0.0); (260214.0, 4028172.4, 79.9, 79.9, 0.0);
(260669.3, 4027703.1, 76.3, 76.3, 0.0); (260760.5, 4027742.9, 78.1, 78.1, 0.0);
(260745.8, 4027774.3, 78.9, 78.9, 0.0); (260731.2, 4027805.6, 78.8, 78.8, 0.0);
(260716.5, 4027837.0, 77.8, 77.8, 0.0); (260701.8, 4027868.3, 76.7, 76.7, 0.0);
(260687.1, 4027899.7, 76.3, 76.3, 0.0); (260672.4, 4027931.0, 76.0, 76.0, 0.0);
(260657.7, 4027962.4, 75.8, 75.8, 0.0); (260643.0, 4027993.7, 76.4, 76.4, 0.0);
(260628.3, 4028025.1, 77.2, 77.2, 0.0); (260613.7, 4028056.4, 76.5, 76.5, 0.0);
(260599.0, 4028087.8, 76.4, 76.4, 0.0); (260568.3, 4028125.8, 77.7, 77.7, 0.0);
(260536.4, 4028139.1, 78.6, 78.6, 0.0); (260504.4, 4028152.4, 78.9, 78.9, 0.0);
(260472.5, 4028165.7, 78.3, 78.3, 0.0); (260440.5, 4028179.0, 77.3, 77.3, 0.0);
(260408.5, 4028192.3, 77.0, 77.0, 0.0); (260376.6, 4028205.7, 78.2, 78.2, 0.0);
(260344.6, 4028219.0, 79.0, 79.0, 0.0); (260312.7, 4028232.3, 80.0, 80.0, 0.0);
(260280.7, 4028245.6, 80.0, 80.0, 0.0); (260248.8, 4028258.9, 81.3, 81.3, 0.0);
(260216.8, 4028272.2, 80.7, 80.7, 0.0); (260769.1, 4027710.0, 77.3, 77.3, 0.0);
(260860.5, 4027749.4, 76.9, 76.9, 0.0); (260846.2, 4027779.9, 77.0, 77.0, 0.0);
(260831.9, 4027810.4, 76.9, 76.9, 0.0); (260817.7, 4027840.9, 77.1, 77.1, 0.0);

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     ( 260803.4, 4027871.3,      77.3,      77.3,       0.0);         ( 260789.1,
4027901.8,      77.0,      77.0,       0.0);
     ( 260774.8, 4027932.3,      77.3,      77.3,       0.0);         ( 260760.5,
4027962.8,      77.0,      77.0,       0.0);
     ( 260746.3, 4027993.2,      77.2,      77.2,       0.0);         ( 260732.0,
4028023.7,      77.5,      77.5,       0.0);
     ( 260717.7, 4028054.2,      77.4,      77.4,       0.0);         ( 260703.4,
4028084.7,      77.1,      77.1,       0.0);
     ( 260689.1, 4028115.1,      77.0,      77.0,       0.0);         ( 260674.9,
4028145.6,      77.5,      77.5,       0.0);
     ( 260660.6, 4028176.1,      78.5,      78.5,       0.0);         ( 260637.9,
4028197.8,      79.3,      79.3,       0.0);
     ( 260606.9, 4028210.8,      79.6,      79.6,       0.0);         ( 260575.8,
4028223.7,      79.0,      79.0,       0.0);
     ( 260544.7, 4028236.6,      78.4,      78.4,       0.0);         ( 260513.7,
4028249.6,      77.8,      77.8,       0.0);
     ( 260482.6, 4028262.5,      77.1,      77.1,       0.0);         ( 260451.5,
4028275.5,      77.9,      77.9,       0.0);
     ( 260420.5, 4028288.4,      78.5,      78.5,       0.0);         ( 260389.4,
4028301.4,      78.6,      78.6,       0.0);
     ( 260358.3, 4028314.3,      78.1,      78.1,       0.0);         ( 260327.3,
4028327.3,      78.4,      78.4,       0.0);
     ( 260296.2, 4028340.2,      79.5,      79.5,       0.0);         ( 260265.1,
4028353.2,      79.7,      79.7,       0.0);
     ( 260234.1, 4028366.1,      79.3,      79.3,       0.0);         ( 260868.8,
4027716.9,      77.8,      77.8,       0.0);
     ( 261059.9, 4027763.5,      78.8,      78.8,       0.0);         ( 261045.4,
4027794.4,      79.2,      79.2,       0.0);
     ( 261030.9, 4027825.4,      78.2,      78.2,       0.0);         ( 261016.4,
4027856.3,      76.2,      76.2,       0.0);
     ( 261001.9, 4027887.2,      76.0,      76.0,       0.0);         ( 260987.4,
4027918.2,      76.0,      76.0,       0.0);
     ( 260972.9, 4027949.1,      77.0,      77.0,       0.0);         ( 260958.5,
4027980.0,      77.0,      77.0,       0.0);
     ( 260944.0, 4028011.0,      77.0,      77.0,       0.0);         ( 260929.5,
4028041.9,      77.7,      77.7,       0.0);
     ( 260915.0, 4028072.8,      78.9,      78.9,       0.0);         ( 260900.5,
4028103.8,      80.3,      80.3,       0.0);
     ( 260886.0, 4028134.7,      80.6,      80.6,       0.0);         ( 260871.5,
4028165.6,      80.0,      80.0,       0.0);
     ( 260857.0, 4028196.6,      79.0,      79.0,       0.0);         ( 260842.5,
4028227.5,      79.4,      79.4,       0.0);
     ( 260828.0, 4028258.5,      80.2,      80.2,       0.0);         ( 260813.5,
4028289.4,      80.3,      80.3,       0.0);
     ( 260799.0, 4028320.3,      79.0,      79.0,       0.0);         ( 260776.0,
4028342.4,      78.6,      78.6,       0.0);
     ( 260744.5, 4028355.5,      78.2,      78.2,       0.0);         ( 260712.9,
4028368.6,      78.5,      78.5,       0.0);
     ( 260681.4, 4028381.8,      79.0,      79.0,       0.0);         ( 260649.9,
4028394.9,      78.9,      78.9,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(260555.3, 4028434.3, 79.1, 79.1, 0.0); (260523.8,
4028447.5, 79.4, 79.4, 0.0);
(260492.2, 4028460.6, 79.0, 79.0, 0.0); (260460.7,
4028473.8, 79.0, 79.0, 0.0);
(260429.1, 4028486.9, 80.0, 80.0, 0.0); (260397.6,
4028500.0, 81.6, 81.6, 0.0);
(260366.1, 4028513.2, 80.2, 80.2, 0.0); (260334.5,
4028526.3, 80.0, 80.0, 0.0);
(260303.0, 4028539.5, 80.2, 80.2, 0.0); (260271.5,
4028552.6, 79.9, 79.9, 0.0);
(260239.9, 4028565.8, 79.6, 79.6, 0.0); (261068.4,
4027730.7, 78.8, 78.8, 0.0);
(261259.4, 4027777.5, 79.8, 79.8, 0.0); (261244.7,
4027808.7, 79.0, 79.0, 0.0);
(261230.1, 4027840.0, 79.0, 79.0, 0.0); (261215.5,
4027871.2, 78.8, 78.8, 0.0);
(261200.8, 4027902.4, 79.3, 79.3, 0.0); (261186.2,
4027933.7, 79.4, 79.4, 0.0);
(261171.6, 4027964.9, 78.5, 78.5, 0.0); (261156.9,
4027996.1, 77.3, 77.3, 0.0);
(261142.3, 4028027.4, 77.5, 77.5, 0.0); (261127.7,
4028058.6, 78.6, 78.6, 0.0);
(261113.0, 4028089.8, 78.3, 78.3, 0.0); (261098.4,
4028121.1, 77.5, 77.5, 0.0);
(261083.8, 4028152.3, 77.7, 77.7, 0.0); (261069.1,
4028183.5, 78.0, 78.0, 0.0);
(261054.5, 4028214.8, 78.0, 78.0, 0.0); (261039.9,
4028246.0, 76.3, 76.3, 0.0);
(261025.2, 4028277.2, 77.1, 77.1, 0.0); (261010.6,
4028308.5, 78.6, 78.6, 0.0);
(260996.0, 4028339.7, 79.0, 79.0, 0.0); (260981.3,
4028370.9, 78.2, 78.2, 0.0);
(260966.7, 4028402.2, 79.0, 79.0, 0.0); (260952.1,
4028433.4, 78.9, 78.9, 0.0);
(260937.4, 4028464.6, 77.8, 77.8, 0.0); (260914.2,
4028486.9, 77.0, 77.0, 0.0);

```
    ( 260882.3, 4028500.1,      77.0,      77.0,       0.0);         ( 260850.5,
4028513.4,      78.0,      78.0,       0.0);
    ( 260818.7, 4028526.7,      79.0,      79.0,       0.0);         ( 260786.8,
4028539.9,      78.6,      78.6,       0.0);
    ( 260755.0, 4028553.2,      78.0,      78.0,       0.0);         ( 260723.2,
4028566.5,      78.1,      78.1,       0.0);
    ( 260691.3, 4028579.8,      78.6,      78.6,       0.0);         ( 260659.5,
4028593.0,      80.3,      80.3,       0.0);
    ( 260627.6, 4028606.3,      79.6,      79.6,       0.0);         ( 260595.8,
4028619.5,      78.8,      78.8,       0.0);
    ( 260564.0, 4028632.8,      79.2,      79.2,       0.0);         ( 260532.1,
4028646.1,      80.2,      80.2,       0.0);
    ( 260500.3, 4028659.3,      80.2,      80.2,       0.0);         ( 260468.5,
4028672.6,      80.0,      80.0,       0.0);
    ( 260436.6, 4028685.9,      78.3,      78.3,       0.0);         ( 260404.8,
4028699.1,      78.0,      78.0,       0.0);
    ( 260372.9, 4028712.4,      77.5,      77.5,       0.0);         ( 260341.1,
4028725.7,      77.0,      77.0,       0.0);
    ( 260309.3, 4028739.0,      79.3,      79.3,       0.0);         ( 260277.4,
4028752.2,      80.8,      80.8,       0.0);
    ( 260245.6, 4028765.5,      80.7,      80.7,       0.0);         ( 261267.9,
4027744.6,      79.2,      79.2,       0.0);
    ( 261459.0, 4027791.1,      78.5,      78.5,       0.0);         ( 261444.5,
4027822.0,      80.5,      80.5,       0.0);
    ( 261430.0, 4027852.9,      81.5,      81.5,       0.0);         ( 261415.6,
4027883.8,      81.1,      81.1,       0.0);
    ( 261401.1, 4027914.6,      79.5,      79.5,       0.0);         ( 261386.6,
4027945.5,      78.0,      78.0,       0.0);
    ( 261372.2, 4027976.4,      77.4,      77.4,       0.0);         ( 261357.7,
4028007.3,      76.9,      76.9,       0.0);
    ( 261343.3, 4028038.1,      77.4,      77.4,       0.0);         ( 261328.8,
4028069.0,      77.9,      77.9,       0.0);
    ( 261314.3, 4028099.9,      78.0,      78.0,       0.0);         ( 261299.9,
4028130.7,      78.0,      78.0,       0.0);
    ( 261285.4, 4028161.6,      77.0,      77.0,       0.0);         ( 261270.9,
4028192.5,      76.0,      76.0,       0.0);
    ( 261256.5, 4028223.4,      76.6,      76.6,       0.0);         ( 261242.0,
4028254.2,      78.3,      78.3,       0.0);
    ( 261227.5, 4028285.1,      79.8,      79.8,       0.0);         ( 261213.1,
4028316.0,      79.9,      79.9,       0.0);
    ( 261198.6, 4028346.8,      78.9,      78.9,       0.0);         ( 261184.1,
4028377.7,      78.4,      78.4,       0.0);
    ( 261169.7, 4028408.6,      78.9,      78.9,       0.0);         ( 261155.2,
4028439.5,      78.2,      78.2,       0.0);
    ( 261140.8, 4028470.3,      78.0,      78.0,       0.0);         ( 261126.3,
4028501.2,      78.2,      78.2,       0.0);
    ( 261111.8, 4028532.1,      77.8,      77.8,       0.0);         ( 261097.4,
4028562.9,      76.7,      76.7,       0.0);
    ( 261082.9, 4028593.8,      76.1,      76.1,       0.0);         ( 261052.7,
4028631.2,      77.2,      77.2,       0.0);
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(261021.2, 4028644.4, 78.0, 78.0, 0.0); (260989.8,
4028657.5, 78.1, 78.1, 0.0);
(260958.3, 4028670.6, 78.4, 78.4, 0.0); (260926.8,
4028683.7, 79.0, 79.0, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(260895.3, 4028696.8, 79.5, 79.5, 0.0); (260863.9,
4028709.9, 79.8, 79.8, 0.0);
(260832.4, 4028723.0, 79.9, 79.9, 0.0); (260800.9,
4028736.2, 79.4, 79.4, 0.0);
(260769.5, 4028749.3, 78.3, 78.3, 0.0); (260738.0,
4028762.4, 77.4, 77.4, 0.0);
(260706.5, 4028775.5, 79.2, 79.2, 0.0); (260675.1,
4028788.6, 80.0, 80.0, 0.0);
(260643.6, 4028801.7, 79.1, 79.1, 0.0); (260612.1,
4028814.8, 78.1, 78.1, 0.0);
(260580.6, 4028828.0, 77.0, 77.0, 0.0); (260549.2,
4028841.1, 77.3, 77.3, 0.0);
(260517.7, 4028854.2, 78.9, 78.9, 0.0); (260486.2,
4028867.3, 78.0, 78.0, 0.0);
(260454.8, 4028880.4, 78.2, 78.2, 0.0); (260423.3,
4028893.5, 78.6, 78.6, 0.0);
(260391.8, 4028906.6, 79.0, 79.0, 0.0); (260360.4,
4028919.8, 79.2, 79.2, 0.0);
(260328.9, 4028932.9, 78.9, 78.9, 0.0); (260297.4,
4028946.0, 78.1, 78.1, 0.0);
(260266.0, 4028959.1, 78.0, 78.0, 0.0); (260234.5,
4028972.2, 78.1, 78.1, 0.0);
(261467.4, 4027758.4, 78.0, 78.0, 0.0); (261658.4,
4027805.1, 78.9, 78.9, 0.0);
(261643.9, 4027836.2, 78.3, 78.3, 0.0); (261629.3,
4027867.3, 77.8, 77.8, 0.0);
(261614.7, 4027898.4, 77.1, 77.1, 0.0); (261600.2,
4027929.5, 77.0, 77.0, 0.0);
(261585.6, 4027960.6, 78.0, 78.0, 0.0); (261571.0,
4027991.7, 79.4, 79.4, 0.0);
(261556.4, 4028022.8, 79.8, 79.8, 0.0); (261541.9,
4028053.9, 79.1, 79.1, 0.0);
(261527.3, 4028085.0, 78.3, 78.3, 0.0); (261512.7,
4028116.1, 77.0, 77.0, 0.0);

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     ( 261498.2, 4028147.2,      76.6,      76.6,       0.0);         ( 261483.6,
4028178.3,      77.0,      77.0,       0.0);
     ( 261469.0, 4028209.4,      77.4,      77.4,       0.0);         ( 261454.4,
4028240.5,      77.3,      77.3,       0.0);
     ( 261439.9, 4028271.6,      76.9,      76.9,       0.0);         ( 261425.3,
4028302.7,      77.6,      77.6,       0.0);
     ( 261410.7, 4028333.8,      78.6,      78.6,       0.0);         ( 261396.2,
4028364.9,      79.6,      79.6,       0.0);
     ( 261381.6, 4028396.0,      79.1,      79.1,       0.0);         ( 261367.0,
4028427.1,      79.0,      79.0,       0.0);
     ( 261352.5, 4028458.2,      79.0,      79.0,       0.0);         ( 261337.9,
4028489.3,      79.7,      79.7,       0.0);
     ( 261323.3, 4028520.4,      79.5,      79.5,       0.0);         ( 261308.8,
4028551.5,      77.6,      77.6,       0.0);
     ( 261294.2, 4028582.6,      78.3,      78.3,       0.0);         ( 261279.6,
4028613.7,      79.7,      79.7,       0.0);
     ( 261265.0, 4028644.8,      79.7,      79.7,       0.0);         ( 261250.5,
4028675.8,      79.3,      79.3,       0.0);
     ( 261235.9, 4028706.9,      79.8,      79.8,       0.0);         ( 261221.3,
4028738.0,      79.3,      79.3,       0.0);
     ( 261190.9, 4028775.8,      78.7,      78.7,       0.0);         ( 261159.2,
4028789.0,      78.7,      78.7,       0.0);
     ( 261127.5, 4028802.2,      79.0,      79.0,       0.0);         ( 261095.8,
4028815.4,      78.9,      78.9,       0.0);
     ( 261064.1, 4028828.6,      79.9,      79.9,       0.0);         ( 261032.4,
4028841.8,      80.8,      80.8,       0.0);
     ( 261000.7, 4028855.0,      81.0,      81.0,       0.0);         ( 260969.0,
4028868.2,      80.6,      80.6,       0.0);
     ( 260937.3, 4028881.4,      82.0,      82.0,       0.0);         ( 260905.6,
4028894.6,      81.8,      81.8,       0.0);
     ( 260873.9, 4028907.8,      80.5,      80.5,       0.0);         ( 260842.2,
4028921.1,      79.4,      79.4,       0.0);
     ( 260810.5, 4028934.3,      80.1,      80.1,       0.0);         ( 260778.8,
4028947.5,      80.9,      80.9,       0.0);
     ( 260747.1, 4028960.7,      80.7,      80.7,       0.0);         ( 260715.4,
4028973.9,      81.1,      81.1,       0.0);
     ( 260683.7, 4028987.1,      81.6,      81.6,       0.0);         ( 260652.0,
4029000.3,      81.4,      81.4,       0.0);
     ( 260620.3, 4029013.5,      80.8,      80.8,       0.0);         ( 260588.6,
4029026.7,      81.1,      81.1,       0.0);
     ( 260556.9, 4029039.9,      80.4,      80.4,       0.0);         ( 260525.2,
4029053.2,      79.9,      79.9,       0.0);
     ( 260493.5, 4029066.4,      78.6,      78.6,       0.0);         ( 260461.8,
4029079.6,      78.7,      78.7,       0.0);
     ( 260430.1, 4029092.8,      79.0,      79.0,       0.0);         ( 260398.4,
4029106.0,      79.0,      79.0,       0.0);
     ( 260366.7, 4029119.2,      79.1,      79.1,       0.0);         ( 260335.0,
4029132.4,      79.5,      79.5,       0.0);
     ( 260303.3, 4029145.6,      78.3,      78.3,       0.0);         ( 260271.6,
4029158.8,      78.0,      78.0,       0.0);
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(260193.4, 4027543.8, 77.8, 77.8, 0.0); (260193.0,
4027518.9, 77.7, 77.7, 0.0);
(260192.6, 4027494.1, 77.8, 77.8, 0.0); (260192.2,
4027469.2, 77.9, 77.9, 0.0);
(260191.8, 4027444.4, 77.1, 77.1, 0.0); (260191.3,
4027419.5, 77.0, 77.0, 0.0);
(260190.9, 4027394.7, 76.5, 76.5, 0.0); (260190.5,
4027369.8, 75.6, 75.6, 0.0);
(260190.1, 4027345.0, 75.0, 75.0, 0.0); (260189.7,
4027320.1, 75.0, 75.0, 0.0);
(260189.2, 4027295.3, 75.0, 75.0, 0.0); (260188.8,
4027270.4, 74.4, 74.4, 0.0);
(260188.4, 4027245.6, 74.1, 74.1, 0.0); (260188.0,
4027220.8, 74.1, 74.1, 0.0);
(260187.6, 4027195.9, 74.2, 74.2, 0.0); (260187.1,
4027171.0, 74.2, 74.2, 0.0);
(260186.7, 4027146.2, 74.9, 74.9, 0.0); (260186.3,
4027121.3, 76.3, 76.3, 0.0);
(260185.9, 4027096.5, 77.0, 77.0, 0.0); (260185.5,
4027071.6, 77.3, 77.3, 0.0);
(260185.1, 4027046.8, 78.1, 78.1, 0.0); (260184.6,
4027022.0, 78.9, 78.9, 0.0);
(260184.2, 4026997.1, 78.2, 78.2, 0.0); (260183.8,
4026972.3, 77.4, 77.4, 0.0);
(260183.4, 4026947.4, 76.6, 76.6, 0.0); (260183.0,
4026922.6, 76.0, 76.0, 0.0);
(260220.1, 4027642.8, 79.0, 79.0, 0.0); (260219.7,
4027617.9, 79.0, 79.0, 0.0);
(260219.3, 4027593.1, 79.0, 79.0, 0.0); (260218.8,
4027568.2, 77.6, 77.6, 0.0);
(260218.4, 4027543.4, 76.0, 76.0, 0.0); (260218.0,
4027518.5, 75.6, 75.6, 0.0);

```
     ( 260217.6, 4027493.7,      76.4,      76.4,       0.0);         ( 260217.2,
4027468.8,      77.1,      77.1,       0.0);
     ( 260216.8, 4027444.0,      77.0,      77.0,       0.0);         ( 260216.3,
4027419.1,      77.0,      77.0,       0.0);
     ( 260215.9, 4027394.3,      76.0,      76.0,       0.0);         ( 260215.5,
4027369.4,      75.1,      75.1,       0.0);
     ( 260215.1, 4027344.6,      75.1,      75.1,       0.0);         ( 260214.7,
4027319.7,      75.8,      75.8,       0.0);
     ( 260214.2, 4027294.9,      75.8,      75.8,       0.0);         ( 260213.8,
4027270.0,      75.7,      75.7,       0.0);
     ( 260213.4, 4027245.2,      75.2,      75.2,       0.0);         ( 260213.0,
4027220.3,      74.5,      74.5,       0.0);
     ( 260212.6, 4027195.5,      74.2,      74.2,       0.0);         ( 260212.1,
4027170.6,      75.5,      75.5,       0.0);
     ( 260211.7, 4027145.8,      76.3,      76.3,       0.0);         ( 260211.3,
4027120.9,      77.2,      77.2,       0.0);
     ( 260210.9, 4027096.1,      77.7,      77.7,       0.0);         ( 260210.5,
4027071.2,      77.8,      77.8,       0.0);
     ( 260210.0, 4027046.4,      78.0,      78.0,       0.0);         ( 260209.6,
4027021.5,      78.3,      78.3,       0.0);
     ( 260209.2, 4026996.7,      78.1,      78.1,       0.0);         ( 260208.8,
4026971.8,      77.4,      77.4,       0.0);
     ( 260208.4, 4026947.0,      76.6,      76.6,       0.0);         ( 260208.0,
4026922.1,      76.0,      76.0,       0.0);
     ( 260245.1, 4027642.3,      78.6,      78.6,       0.0);         ( 260244.7,
4027617.5,      77.4,      77.4,       0.0);
     ( 260244.2, 4027592.6,      78.1,      78.1,       0.0);         ( 260243.8,
4027567.8,      76.1,      76.1,       0.0);
     ( 260243.4, 4027542.9,      74.8,      74.8,       0.0);         ( 260243.0,
4027518.1,      74.6,      74.6,       0.0);
     ( 260242.6, 4027493.2,      75.6,      75.6,       0.0);         ( 260242.2,
4027468.4,      76.9,      76.9,       0.0);
     ( 260241.7, 4027443.5,      75.7,      75.7,       0.0);         ( 260241.3,
4027418.7,      75.1,      75.1,       0.0);
     ( 260240.9, 4027393.8,      74.6,      74.6,       0.0);         ( 260240.5,
4027369.0,      74.1,      74.1,       0.0);
     ( 260240.1, 4027344.2,      73.9,      73.9,       0.0);         ( 260239.6,
4027319.3,      74.7,      74.7,       0.0);
     ( 260239.2, 4027294.5,      75.3,      75.3,       0.0);         ( 260238.8,
4027269.6,      75.4,      75.4,       0.0);
     ( 260238.4, 4027244.8,      75.8,      75.8,       0.0);         ( 260238.0,
4027219.9,      76.1,      76.1,       0.0);
     ( 260237.6, 4027195.1,      76.0,      76.0,       0.0);         ( 260237.1,
4027170.2,      77.1,      77.1,       0.0);
     ( 260236.7, 4027145.4,      77.0,      77.0,       0.0);         ( 260236.3,
4027120.5,      77.6,      77.6,       0.0);
     ( 260235.9, 4027095.7,      78.0,      78.0,       0.0);         ( 260235.5,
4027070.8,      78.0,      78.0,       0.0);
     ( 260235.0, 4027046.0,      78.0,      78.0,       0.0);         ( 260234.6,
4027021.1,      78.0,      78.0,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(260268.8, 4027567.4, 75.6, 75.6, 0.0); (260268.4, 4027542.5, 74.8, 74.8, 0.0);
(260268.0, 4027517.7, 75.0, 75.0, 0.0); (260267.6, 4027492.8, 75.8, 75.8, 0.0);
(260267.2, 4027468.0, 76.3, 76.3, 0.0); (260266.7, 4027443.1, 75.1, 75.1, 0.0);
(260266.3, 4027418.3, 73.9, 73.9, 0.0); (260265.9, 4027393.4, 73.8, 73.8, 0.0);
(260265.5, 4027368.6, 73.8, 73.8, 0.0); (260265.1, 4027343.7, 73.5, 73.5, 0.0);
(260264.6, 4027318.9, 73.5, 73.5, 0.0); (260264.2, 4027294.0, 74.0, 74.0, 0.0);
(260263.8, 4027269.2, 74.4, 74.4, 0.0); (260263.4, 4027244.3, 75.6, 75.6, 0.0);
(260263.0, 4027219.5, 76.7, 76.7, 0.0); (260262.6, 4027194.6, 77.1, 77.1, 0.0);
(260262.1, 4027169.8, 77.6, 77.6, 0.0); (260261.7, 4027144.9, 77.1, 77.1, 0.0);
(260261.3, 4027120.1, 77.2, 77.2, 0.0); (260260.9, 4027095.2, 77.5, 77.5, 0.0);
(260260.5, 4027070.4, 77.8, 77.8, 0.0); (260320.1, 4027641.1, 77.0, 77.0, 0.0);
(260319.7, 4027616.2, 77.0, 77.0, 0.0); (260319.2, 4027591.4, 77.0, 77.0, 0.0);
(260318.8, 4027566.5, 76.2, 76.2, 0.0); (260318.4, 4027541.7, 75.4, 75.4, 0.0);
(260318.0, 4027516.8, 75.0, 75.0, 0.0); (260317.6, 4027492.0, 75.2, 75.2, 0.0);
(260317.1, 4027467.1, 75.7, 75.7, 0.0); (260316.7, 4027442.3, 75.1, 75.1, 0.0);

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     ( 260316.3, 4027417.4,      73.6,      73.6,       0.0);         ( 260315.9,
4027392.6,      73.7,      73.7,       0.0);
     ( 260315.5, 4027367.7,      74.0,      74.0,       0.0);         ( 260315.1,
4027342.9,      73.8,      73.8,       0.0);
     ( 260314.6, 4027318.0,      73.3,      73.3,       0.0);         ( 260314.2,
4027293.2,      73.2,      73.2,       0.0);
     ( 260313.8, 4027268.3,      73.8,      73.8,       0.0);         ( 260313.4,
4027243.5,      74.6,      74.6,       0.0);
     ( 260313.0, 4027218.6,      75.0,      75.0,       0.0);         ( 260312.5,
4027193.8,      75.1,      75.1,       0.0);
     ( 260312.1, 4027168.9,      75.8,      75.8,       0.0);         ( 260311.7,
4027144.1,      75.1,      75.1,       0.0);
     ( 260311.3, 4027119.2,      75.0,      75.0,       0.0);         ( 260310.9,
4027094.4,      75.5,      75.5,       0.0);
     ( 260310.5, 4027069.5,      76.3,      76.3,       0.0);         ( 260310.0,
4027044.7,      77.0,      77.0,       0.0);
     ( 260309.6, 4027019.8,      77.0,      77.0,       0.0);         ( 260309.2,
4026995.0,      75.4,      75.4,       0.0);
     ( 260308.8, 4026970.1,      75.0,      75.0,       0.0);         ( 260308.4,
4026945.3,      75.0,      75.0,       0.0);
     ( 260307.9, 4026920.4,      75.0,      75.0,       0.0);         ( 260307.5,
4026895.6,      75.1,      75.1,       0.0);
     ( 260370.1, 4027640.2,      77.0,      77.0,       0.0);         ( 260369.6,
4027615.4,      76.8,      76.8,       0.0);
     ( 260369.2, 4027590.5,      76.0,      76.0,       0.0);         ( 260368.8,
4027565.7,      75.2,      75.2,       0.0);
     ( 260368.4, 4027540.8,      74.4,      74.4,       0.0);         ( 260368.0,
4027516.0,      74.1,      74.1,       0.0);
     ( 260367.6, 4027491.1,      74.3,      74.3,       0.0);         ( 260367.1,
4027466.3,      75.0,      75.0,       0.0);
     ( 260366.7, 4027441.4,      75.0,      75.0,       0.0);         ( 260366.3,
4027416.6,      74.2,      74.2,       0.0);
     ( 260365.9, 4027391.8,      74.0,      74.0,       0.0);         ( 260365.5,
4027366.9,      74.4,      74.4,       0.0);
     ( 260365.0, 4027342.0,      75.1,      75.1,       0.0);         ( 260364.6,
4027317.2,      75.7,      75.7,       0.0);
     ( 260364.2, 4027292.3,      74.9,      74.9,       0.0);         ( 260363.8,
4027267.5,      74.3,      74.3,       0.0);
     ( 260363.4, 4027242.6,      74.2,      74.2,       0.0);         ( 260363.0,
4027217.8,      73.8,      73.8,       0.0);
     ( 260362.5, 4027193.0,      73.2,      73.2,       0.0);         ( 260362.1,
4027168.1,      73.3,      73.3,       0.0);
     ( 260361.7, 4027143.3,      73.9,      73.9,       0.0);         ( 260361.3,
4027118.4,      74.0,      74.0,       0.0);
     ( 260360.9, 4027093.6,      74.5,      74.5,       0.0);         ( 260360.4,
4027068.7,      75.1,      75.1,       0.0);
     ( 260420.1, 4027639.4,      76.5,      76.5,       0.0);         ( 260419.6,
4027614.5,      76.5,      76.5,       0.0);
     ( 260419.2, 4027589.7,      76.0,      76.0,       0.0);         ( 260418.8,
4027564.8,      75.7,      75.7,       0.0);
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(260414.2, 4027291.5, 73.6, 73.6, 0.0); (260413.8, 4027266.7, 72.3, 72.3, 0.0);
(260413.4, 4027241.8, 72.3, 72.3, 0.0); (260412.9, 4027217.0, 72.6, 72.6, 0.0);
(260412.5, 4027192.1, 73.4, 73.4, 0.0); (260412.1, 4027167.3, 75.0, 75.0, 0.0);
(260411.7, 4027142.4, 76.3, 76.3, 0.0); (260411.3, 4027117.6, 76.4, 76.4, 0.0);
(260410.9, 4027092.7, 76.1, 76.1, 0.0); (260410.4, 4027067.9, 75.6, 75.6, 0.0);
(260410.0, 4027043.0, 74.8, 74.8, 0.0); (260409.6, 4027018.2, 74.4, 74.4, 0.0);
(260409.2, 4026993.3, 75.3, 75.3, 0.0); (260408.8, 4026968.5, 76.1, 76.1, 0.0);
(260408.3, 4026943.6, 76.0, 76.0, 0.0); (260407.9, 4026918.8, 75.5, 75.5, 0.0);
(260407.5, 4026893.9, 75.2, 75.2, 0.0); (260470.5, 4027663.4, 76.1, 76.1, 0.0);
(260470.1, 4027638.6, 75.6, 75.6, 0.0); (260469.6, 4027613.7, 76.0, 76.0, 0.0);
(260469.2, 4027588.9, 76.0, 76.0, 0.0); (260468.8, 4027564.0, 76.0, 76.0, 0.0);
(260468.4, 4027539.2, 76.0, 76.0, 0.0); (260468.0, 4027514.3, 75.9, 75.9, 0.0);
(260467.5, 4027489.5, 75.8, 75.8, 0.0); (260467.1, 4027464.6, 75.8, 75.8, 0.0);
(260466.7, 4027439.8, 76.0, 76.0, 0.0); (260466.3, 4027414.9, 76.8, 76.8, 0.0);

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     ( 260465.9, 4027390.1,      76.3,      76.3,       0.0);         ( 260465.5,
4027365.2,      75.1,      75.1,       0.0);
     ( 260465.0, 4027340.4,      74.1,      74.1,       0.0);         ( 260464.6,
4027315.5,      73.8,      73.8,       0.0);
     ( 260464.2, 4027290.7,      73.0,      73.0,       0.0);         ( 260463.8,
4027265.8,      72.3,      72.3,       0.0);
     ( 260463.4, 4027241.0,      73.4,      73.4,       0.0);         ( 260462.9,
4027216.1,      75.0,      75.0,       0.0);
     ( 260462.5, 4027191.3,      76.6,      76.6,       0.0);         ( 260462.1,
4027166.4,      77.8,      77.8,       0.0);
     ( 260461.7, 4027141.6,      77.0,      77.0,       0.0);         ( 260461.3,
4027116.7,      76.2,      76.2,       0.0);
     ( 260460.8, 4027091.9,      76.0,      76.0,       0.0);         ( 260460.4,
4027067.0,      75.1,      75.1,       0.0);
     ( 260570.5, 4027661.7,      77.1,      77.1,       0.0);         ( 260570.0,
4027636.9,      76.7,      76.7,       0.0);
     ( 260569.6, 4027612.0,      76.9,      76.9,       0.0);         ( 260569.2,
4027587.2,      77.6,      77.6,       0.0);
     ( 260568.8, 4027562.3,      77.3,      77.3,       0.0);         ( 260568.4,
4027537.5,      76.8,      76.8,       0.0);
     ( 260567.9, 4027512.6,      76.2,      76.2,       0.0);         ( 260567.5,
4027487.8,      76.2,      76.2,       0.0);
     ( 260567.1, 4027462.9,      76.4,      76.4,       0.0);         ( 260566.7,
4027438.1,      76.0,      76.0,       0.0);
     ( 260566.3, 4027413.2,      76.0,      76.0,       0.0);         ( 260565.9,
4027388.4,      76.0,      76.0,       0.0);
     ( 260565.4, 4027363.5,      76.5,      76.5,       0.0);         ( 260565.0,
4027338.7,      77.2,      77.2,       0.0);
     ( 260564.6, 4027313.8,      77.4,      77.4,       0.0);         ( 260564.2,
4027289.0,      77.0,      77.0,       0.0);
     ( 260563.8, 4027264.1,      76.1,      76.1,       0.0);         ( 260563.3,
4027239.3,      76.3,      76.3,       0.0);
     ( 260562.9, 4027214.4,      76.4,      76.4,       0.0);         ( 260562.5,
4027189.6,      76.9,      76.9,       0.0);
     ( 260562.1, 4027164.7,      78.0,      78.0,       0.0);         ( 260561.7,
4027139.9,      78.8,      78.8,       0.0);
     ( 260561.3, 4027115.0,      78.8,      78.8,       0.0);         ( 260560.8,
4027090.2,      77.6,      77.6,       0.0);
     ( 260560.4, 4027065.3,      77.0,      77.0,       0.0);         ( 260560.0,
4027040.5,      77.3,      77.3,       0.0);
     ( 260559.6, 4027015.6,      78.0,      78.0,       0.0);         ( 260559.2,
4026990.8,      77.9,      77.9,       0.0);
     ( 260558.8, 4026965.9,      77.1,      77.1,       0.0);         ( 260558.3,
4026941.1,      78.5,      81.0,       0.0);
     ( 260557.9, 4026916.2,      79.9,      79.9,       0.0);         ( 260557.5,
4026891.4,      79.5,      79.5,       0.0);
     ( 260670.4, 4027660.0,      78.3,      78.3,       0.0);         ( 260670.0,
4027635.2,      79.0,      79.0,       0.0);
     ( 260669.6, 4027610.3,      78.4,      78.4,       0.0);         ( 260669.2,
4027585.5,      77.2,      77.2,       0.0);
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    ( 260763.3, 4027235.9,      79.0,      79.0,       0.0);         ( 260762.9,
4027211.1,      79.6,      79.6,       0.0);
    ( 260762.5, 4027186.2,      80.0,      80.0,       0.0);         ( 260762.1,
4027161.4,      80.3,      80.3,       0.0);
    ( 260761.6, 4027136.5,      81.0,      81.0,       0.0);         ( 260761.2,
4027111.7,      81.0,      81.0,       0.0);
    ( 260760.8, 4027086.8,      78.7,      78.7,       0.0);         ( 260760.4,
4027062.0,      77.4,      77.4,       0.0);
    ( 260760.0, 4027037.1,      77.4,      77.4,       0.0);         ( 260759.6,
4027012.3,      78.0,      78.0,       0.0);
    ( 260759.1, 4026987.4,      77.9,      77.9,       0.0);         ( 260758.7,
4026962.6,      76.2,      76.2,       0.0);
    ( 260758.3, 4026937.7,      75.3,      75.3,       0.0);         ( 260757.9,
4026912.9,      75.5,      75.5,       0.0);
    ( 260757.5, 4026888.0,      75.9,      75.9,       0.0);         ( 260869.9,
4027676.8,      77.0,      77.0,       0.0);
    ( 260870.0, 4027631.8,      77.0,      77.0,       0.0);         ( 260869.6,
4027607.0,      76.7,      76.7,       0.0);
    ( 260869.2, 4027582.1,      76.4,      76.4,       0.0);         ( 260868.8,
4027557.3,      76.4,      76.4,       0.0);
    ( 260868.3, 4027532.4,      77.0,      77.0,       0.0);         ( 260867.9,
4027507.6,      77.0,      77.0,       0.0);
    ( 260867.5, 4027482.7,      76.8,      76.8,       0.0);         ( 260867.1,
4027457.9,      76.6,      76.6,       0.0);
    ( 260866.7, 4027433.0,      76.7,      76.7,       0.0);         ( 260866.2,
4027408.2,      77.1,      77.1,       0.0);
    ( 260865.8, 4027383.3,      78.8,      78.8,       0.0);         ( 260865.4,
4027358.5,      80.1,      80.1,       0.0);
    ( 260865.0, 4027333.6,      80.5,      80.5,       0.0);         ( 260864.6,
4027308.8,      80.3,      80.3,       0.0);
    ( 260864.1, 4027283.9,      80.2,      80.2,       0.0);         ( 260863.7,
4027259.1,      81.0,      81.0,       0.0);
    ( 260863.3, 4027234.2,      81.4,      81.4,       0.0);         ( 260862.9,
4027209.4,      80.5,      80.5,       0.0);
    ( 260862.5, 4027184.5,      79.7,      79.7,       0.0);         ( 260862.0,
4027159.7,      79.8,      79.8,       0.0);
    ( 260861.6, 4027134.8,      80.4,      80.4,       0.0);         ( 260861.2,
4027110.0,      80.6,      80.6,       0.0);
    ( 260860.8, 4027085.1,      79.0,      79.0,       0.0);         ( 260860.4,
4027060.3,      78.6,      78.6,       0.0);
    ( 261069.9, 4027672.7,      79.5,      79.5,       0.0);         ( 261070.0,
4027628.5,      80.0,      80.0,       0.0);
    ( 261069.6, 4027603.6,      80.4,      80.4,       0.0);         ( 261069.1,
4027578.8,      80.4,      80.4,       0.0);
    ( 261068.7, 4027553.9,      80.2,      80.2,       0.0);         ( 261068.3,
4027529.1,      81.0,      81.0,       0.0);
    ( 261067.9, 4027504.2,      80.1,      80.1,       0.0);         ( 261067.5,
4027479.4,      79.1,      79.1,       0.0);
    ( 261067.0, 4027454.5,      78.2,      78.2,       0.0);         ( 261066.6,
4027429.7,      77.7,      77.7,       0.0);
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(261066.2, 4027404.8, 77.5, 77.5, 0.0); (261065.8,
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(261065.4, 4027355.1, 79.0, 79.0, 0.0); (261064.9,
4027330.3, 78.3, 78.3, 0.0);
(261064.5, 4027305.4, 75.7, 81.0, 0.0); (261064.1,
4027280.6, 72.8, 81.0, 0.0);
(261063.7, 4027255.7, 71.7, 77.0, 0.0); (261063.3,
4027230.9, 73.6, 77.0, 0.0);
(261062.9, 4027206.0, 76.2, 77.0, 0.0); (261062.4,
4027181.2, 77.6, 77.6, 0.0);
(261062.0, 4027156.3, 78.0, 78.0, 0.0); (261061.6,
4027131.5, 76.9, 78.0, 0.0);
(261061.2, 4027106.6, 74.3, 78.0, 0.0); (261060.8,
4027081.8, 75.9, 75.9, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(261060.3, 4027056.9, 77.5, 77.5, 0.0); (261269.7,
4027673.6, 77.8, 77.8, 0.0);
(261269.1, 4027697.3, 78.0, 78.0, 0.0); (261268.5,
4027720.9, 78.4, 78.4, 0.0);
(261270.4, 4027649.9, 77.0, 80.0, 0.0); (261269.9,
4027625.1, 76.2, 76.2, 0.0);
(261269.5, 4027600.2, 76.7, 88.0, 0.0); (261269.1,
4027575.4, 78.0, 88.0, 0.0);
(261268.7, 4027550.5, 80.0, 88.0, 0.0); (261268.3,
4027525.7, 82.7, 88.0, 0.0);
(261267.8, 4027500.8, 86.0, 86.0, 0.0); (261267.4,
4027476.0, 85.3, 85.3, 0.0);
(261267.0, 4027451.1, 82.0, 88.0, 0.0); (261266.6,
4027426.3, 78.3, 88.0, 0.0);
(261266.2, 4027401.4, 75.6, 88.0, 0.0); (261265.8,
4027376.6, 74.2, 88.0, 0.0);
(261265.3, 4027351.8, 73.6, 86.0, 0.0); (261264.9,
4027326.9, 77.2, 85.0, 0.0);
(261264.5, 4027302.0, 79.2, 85.0, 0.0); (261264.1,
4027277.2, 78.6, 85.0, 0.0);
(261263.7, 4027252.3, 76.0, 85.0, 0.0); (261263.2,
4027227.5, 73.0, 85.0, 0.0);
(261262.8, 4027202.6, 71.9, 85.0, 0.0); (261262.4,
4027177.8, 74.0, 74.0, 0.0);

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     ( 261262.0, 4027152.9,      75.3,      75.3,       0.0);         ( 261261.6,
4027128.1,      76.0,      76.0,       0.0);
     ( 261261.2, 4027103.3,      76.5,      76.5,       0.0);         ( 261260.7,
4027078.4,      76.7,      76.7,       0.0);
     ( 261260.3, 4027053.6,      76.7,      76.7,       0.0);         ( 261469.8,
4027668.9,      79.5,      79.5,       0.0);
     ( 261468.6, 4027713.7,      78.0,      78.0,       0.0);         ( 261470.3,
4027646.6,      80.5,      80.5,       0.0);
     ( 261469.9, 4027621.7,      81.9,      81.9,       0.0);         ( 261469.5,
4027596.9,      79.2,      82.0,       0.0);
     ( 261469.1, 4027572.0,      76.5,      82.0,       0.0);         ( 261468.7,
4027547.2,      75.1,      75.1,       0.0);
     ( 261468.2, 4027522.3,      75.1,      75.1,       0.0);         ( 261467.8,
4027497.5,      75.9,      75.9,       0.0);
     ( 261467.4, 4027472.6,      77.4,      77.4,       0.0);         ( 261467.0,
4027447.8,      77.1,      77.1,       0.0);
     ( 261466.6, 4027422.9,      76.4,      76.4,       0.0);         ( 261466.1,
4027398.1,      76.4,      76.4,       0.0);
     ( 261465.7, 4027373.2,      77.1,      77.1,       0.0);         ( 261465.3,
4027348.4,      77.5,      77.5,       0.0);
     ( 261464.9, 4027323.5,      78.4,      78.4,       0.0);         ( 261464.5,
4027298.7,      78.5,      78.5,       0.0);
     ( 261464.1, 4027273.8,      78.0,      78.0,       0.0);         ( 261463.6,
4027249.0,      77.2,      77.2,       0.0);
     ( 261463.2, 4027224.1,      76.7,      76.7,       0.0);         ( 261462.8,
4027199.3,      77.1,      77.1,       0.0);
     ( 261462.4, 4027174.4,      76.7,      76.7,       0.0);         ( 261462.0,
4027149.6,      75.1,      75.1,       0.0);
     ( 261461.5, 4027124.7,      74.1,      74.1,       0.0);         ( 261461.1,
4027099.9,      74.4,      74.4,       0.0);
     ( 261460.7, 4027075.0,      76.0,      76.0,       0.0);         ( 261460.3,
4027050.2,      77.7,      77.7,       0.0);
     ( 261459.9, 4027025.3,      76.6,      76.6,       0.0);         ( 261459.5,
4027000.5,      76.6,      76.6,       0.0);
     ( 261459.0, 4026975.6,      77.3,      77.3,       0.0);         ( 261458.6,
4026950.8,      78.1,      78.1,       0.0);
     ( 261458.2, 4026925.9,      78.3,      78.3,       0.0);         ( 261457.8,
4026901.1,      78.3,      78.3,       0.0);
     ( 261457.4, 4026876.2,      79.6,      79.6,       0.0);         ( 261669.7,
4027664.7,      77.5,      80.0,       0.0);
     ( 261668.6, 4027707.7,      75.8,      75.8,       0.0);         ( 261669.9,
4027618.4,      78.9,      80.0,       0.0);
     ( 261669.5, 4027593.5,      77.8,      77.8,       0.0);         ( 261669.0,
4027568.7,      77.9,      77.9,       0.0);
     ( 261668.6, 4027543.8,      78.0,      78.0,       0.0);         ( 261668.2,
4027519.0,      77.7,      77.7,       0.0);
     ( 261667.8, 4027494.1,      77.3,      77.3,       0.0);         ( 261667.4,
4027469.3,      77.3,      77.3,       0.0);
     ( 261667.0, 4027444.4,      78.1,      78.1,       0.0);         ( 261666.5,
4027419.6,      78.2,      78.2,       0.0);
```

(261659.4, 4026997.1, 79.0, 79.0, 0.0); (261659.0, 4026972.3, 79.0, 79.0, 0.0);
(261658.6, 4026947.4, 78.6, 78.6, 0.0); (261658.2, 4026922.6, 77.8, 77.8, 0.0);
(261657.8, 4026897.7, 77.0, 77.0, 0.0); (261657.3, 4026872.9, 77.8, 77.8, 0.0);
(260288.1, 4026826.1, 75.0, 75.0, 0.0); (260294.2, 4026848.1, 75.1, 75.1, 0.0);
(260300.4, 4026870.0, 75.3, 75.3, 0.0); (260348.1, 4026861.0, 75.1, 75.1, 0.0);
(260374.5, 4026775.7, 77.0, 77.0, 0.0); (260380.7, 4026797.9, 77.2, 77.2, 0.0);
(260386.8, 4026820.1, 77.2, 77.2, 0.0); (260393.0, 4026842.2, 76.7, 76.7, 0.0);
(260399.2, 4026864.4, 76.2, 76.2, 0.0); (260420.8, 4026761.8, 75.7, 75.7, 0.0);
(260504.0, 4026700.1, 74.7, 74.7, 0.0); (260510.3, 4026722.6, 76.0, 76.0, 0.0);
(260516.6, 4026745.1, 76.0, 76.0, 0.0); (260522.9, 4026767.6, 75.4, 75.4, 0.0);
(260529.2, 4026790.1, 75.2, 75.2, 0.0); (260535.5, 4026812.6, 75.6, 75.6, 0.0);

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     ( 260541.8, 4026835.1,      76.7,      76.7,       0.0);         ( 260548.0,
4026857.6,      77.6,      77.6,       0.0);
     ( 260590.3, 4026649.7,      76.0,      76.0,       0.0);         ( 260596.6,
4026672.2,      76.3,      76.3,       0.0);
     ( 260602.9, 4026694.7,      76.6,      76.6,       0.0);         ( 260609.2,
4026717.2,      76.1,      76.1,       0.0);
     ( 260615.5, 4026739.7,      75.3,      75.3,       0.0);         ( 260626.0,
4026777.2,      74.6,      74.6,       0.0);
     ( 260648.0, 4026856.0,      76.2,      76.2,       0.0);         ( 260676.7,
4026599.3,      76.6,      76.6,       0.0);
     ( 260683.0, 4026621.8,      76.1,      76.1,       0.0);         ( 260689.3,
4026644.3,      75.5,      75.5,       0.0);
     ( 260695.6, 4026666.8,      75.4,      75.4,       0.0);         ( 260701.9,
4026689.3,      75.9,      75.9,       0.0);
     ( 260708.2, 4026711.8,      75.7,      75.7,       0.0);         ( 260714.5,
4026734.3,      75.5,      75.5,       0.0);
     ( 260720.8, 4026756.8,      75.5,      75.5,       0.0);         ( 260727.0,
4026779.3,      76.1,      76.1,       0.0);
     ( 260733.3, 4026801.8,      75.8,      75.8,       0.0);         ( 260739.6,
4026824.3,      75.5,      75.5,       0.0);
     ( 260745.9, 4026846.8,      75.5,      75.5,       0.0);         ( 260763.0,
4026548.8,      75.3,      75.3,       0.0);
     ( 260769.3, 4026571.3,      76.0,      76.0,       0.0);         ( 260775.6,
4026593.8,      76.0,      76.0,       0.0);
     ( 260781.9, 4026616.3,      76.0,      76.0,       0.0);         ( 260788.2,
4026638.8,      76.0,      76.0,       0.0);
     ( 260794.5, 4026661.3,      75.7,      75.7,       0.0);         ( 260800.8,
4026683.8,      74.8,      74.8,       0.0);
     ( 260807.1, 4026706.3,      74.4,      74.4,       0.0);         ( 260813.4,
4026728.8,      74.2,      74.2,       0.0);
     ( 260826.0, 4026773.8,      75.0,      75.0,       0.0);         ( 260847.0,
4026848.8,      74.3,      74.3,       0.0);
     ( 260935.8, 4026448.0,      74.9,      74.9,       0.0);         ( 260942.0,
4026470.5,      75.7,      75.7,       0.0);
     ( 260948.3, 4026493.0,      76.0,      76.0,       0.0);         ( 260954.6,
4026515.5,      76.1,      76.1,       0.0);
     ( 260960.9, 4026538.0,      76.6,      76.6,       0.0);         ( 260967.2,
4026560.5,      76.9,      76.9,       0.0);
     ( 260973.5, 4026583.0,      76.2,      76.2,       0.0);         ( 260979.8,
4026605.5,      74.9,      74.9,       0.0);
     ( 260986.1, 4026628.0,      74.6,      74.6,       0.0);         ( 260992.4,
4026650.5,      74.4,      74.4,       0.0);
     ( 260998.7, 4026673.0,      75.3,      75.3,       0.0);         ( 261005.0,
4026695.5,      76.2,      76.2,       0.0);
     ( 261011.3, 4026718.0,      76.9,      76.9,       0.0);         ( 261019.7,
4026748.0,      77.9,      77.9,       0.0);
     ( 261108.5, 4026347.1,      79.0,      79.0,       0.0);         ( 261114.8,
4026369.8,      78.6,      78.6,       0.0);
     ( 261121.1, 4026392.4,      77.9,      77.9,       0.0);         ( 261127.5,
4026415.1,      77.5,      77.5,       0.0);
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     ( 261433.1, 4026789.5,      78.5,      78.5,       0.0);         ( 261439.4,
4026812.1,      79.3,      79.3,       0.0);
     ( 261445.8, 4026834.8,      80.4,      80.4,       0.0);         ( 261453.9,
4026145.4,      76.9,      76.9,       0.0);
     ( 261460.2, 4026168.0,      77.7,      77.7,       0.0);         ( 261466.5,
4026190.6,      77.7,      77.7,       0.0);
     ( 261472.8, 4026213.2,      77.3,      77.3,       0.0);         ( 261479.2,
4026235.8,      77.9,      77.9,       0.0);
     ( 261485.5, 4026258.5,      78.4,      78.4,       0.0);         ( 261491.8,
4026281.1,      78.6,      78.6,       0.0);
     ( 261498.1, 4026303.7,      78.3,      78.3,       0.0);         ( 261504.5,
4026326.3,      77.3,      77.3,       0.0);
     ( 261510.8, 4026348.9,      77.0,      77.0,       0.0);         ( 261517.1,
4026371.5,      76.3,      76.3,       0.0);
     ( 261523.4, 4026394.2,      75.8,      75.8,       0.0);         ( 261529.8,
4026416.8,      74.5,      74.5,       0.0);
     ( 261536.1, 4026439.4,      72.9,      72.9,       0.0);         ( 261542.4,
4026462.0,      72.1,      72.1,       0.0);
     ( 261548.7, 4026484.6,      72.7,      72.7,       0.0);         ( 261555.1,
4026507.2,      74.8,      74.8,       0.0);
     ( 261561.4, 4026529.9,      75.7,      75.7,       0.0);         ( 261567.7,
4026552.5,      75.5,      75.5,       0.0);
     ( 261574.0, 4026575.1,      75.2,      75.2,       0.0);         ( 261580.4,
4026597.7,      75.7,      75.7,       0.0);
     ( 261586.7, 4026620.3,      76.0,      76.0,       0.0);         ( 261593.0,
4026642.9,      75.7,      75.7,       0.0);
     ( 261599.3, 4026665.6,      75.2,      75.2,       0.0);         ( 261605.7,
4026688.2,      75.8,      75.8,       0.0);
     ( 261612.0, 4026710.8,      75.5,      75.5,       0.0);         ( 261618.3,
4026733.4,      76.1,      76.1,       0.0);
     ( 261624.6, 4026756.0,      77.0,      77.0,       0.0);         ( 261631.0,
4026778.6,      78.0,      78.0,       0.0);
     ( 261637.3, 4026801.3,      78.1,      78.1,       0.0);         ( 261643.6,
4026823.9,      77.8,      77.8,       0.0);
     ( 261650.0, 4026846.5,      77.7,      77.7,       0.0);         ( 260178.2,
4026852.9,      75.4,      75.4,       0.0);
     ( 260186.1, 4026829.1,      74.6,      74.6,       0.0);         ( 260206.6,
4026845.8,      75.2,      75.2,       0.0);
     ( 260187.2, 4026799.9,      74.0,      74.0,       0.0);         ( 260223.5,
4026769.1,      75.0,      75.0,       0.0);
     ( 260244.0, 4026785.8,      75.1,      75.1,       0.0);         ( 260264.6,
4026802.4,      75.3,      75.3,       0.0);
     ( 260226.1, 4026710.9,      75.2,      75.2,       0.0);         ( 260248.0,
4026728.7,      75.0,      75.0,       0.0);
     ( 260299.4, 4026710.2,      75.0,      75.0,       0.0);         ( 260321.0,
4026727.7,      75.2,      75.2,       0.0);
     ( 260342.6, 4026745.3,      76.1,      76.1,       0.0);         ( 260257.6,
4026615.9,      76.4,      76.4,       0.0);
     ( 260279.0, 4026633.3,      76.0,      76.0,       0.0);         ( 260300.4,
4026650.7,      75.3,      75.3,       0.0);
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     ( 260321.8, 4026668.1,      74.7,      74.7,       0.0);         ( 260343.2,
4026685.5,      74.7,      74.7,       0.0);
     ( 260333.1, 4026556.7,      73.8,      73.8,       0.0);         ( 260355.0,
4026574.5,      72.9,      72.9,       0.0);
     ( 260376.9, 4026592.3,      72.4,      72.4,       0.0);         ( 260398.8,
4026610.1,      73.0,      73.0,       0.0);
     ( 260420.7, 4026627.8,      73.7,      73.7,       0.0);         ( 260442.6,
4026645.6,      73.8,      73.8,       0.0);
     ( 260464.5, 4026663.4,      73.9,      73.9,       0.0);         ( 260486.4,
4026681.1,      73.7,      73.7,       0.0);
     ( 260320.9, 4026426.2,      74.0,      74.0,       0.0);         ( 260342.5,
4026443.8,      74.1,      74.1,       0.0);
     ( 260364.1, 4026461.3,      75.2,      75.2,       0.0);         ( 260385.7,
4026478.9,      75.4,      75.4,       0.0);
     ( 260407.3, 4026496.4,      74.8,      74.8,       0.0);         ( 260428.9,
4026513.9,      74.0,      74.0,       0.0);
     ( 260450.5, 4026531.5,      74.7,      74.7,       0.0);         ( 260472.1,
4026549.0,      74.7,      74.7,       0.0);
     ( 260572.9, 4026630.9,      75.3,      76.0,       0.0);         ( 260352.6,
4026331.4,      75.5,      75.5,       0.0);
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     ( 260374.5, 4026349.2,      73.7,      73.7,       0.0);         ( 260396.4,
4026367.0,      73.0,      73.0,       0.0);
     ( 260483.9, 4026438.1,      74.0,      74.0,       0.0);         ( 260505.8,
4026455.9,      74.6,      74.6,       0.0);
     ( 260527.7, 4026473.6,      75.0,      75.0,       0.0);         ( 260549.6,
4026491.4,      75.4,      75.4,       0.0);
     ( 260571.5, 4026509.2,      76.0,      76.0,       0.0);         ( 260593.4,
4026527.0,      75.8,      75.8,       0.0);
     ( 260615.3, 4026544.7,      76.3,      76.3,       0.0);         ( 260637.2,
4026562.5,      77.7,      77.7,       0.0);
     ( 260659.1, 4026580.3,      77.8,      77.8,       0.0);         ( 260384.2,
4026236.5,      73.2,      73.2,       0.0);
     ( 260405.8, 4026254.1,      72.4,      72.4,       0.0);         ( 260427.5,
4026271.7,      73.1,      73.1,       0.0);
     ( 260449.2, 4026289.3,      74.1,      74.1,       0.0);         ( 260470.9,
4026306.9,      75.3,      75.3,       0.0);
     ( 260492.6, 4026324.6,      75.1,      75.1,       0.0);         ( 260514.3,
4026342.2,      74.1,      74.1,       0.0);
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     ( 260535.9, 4026359.8,      74.5,      74.5,       0.0);         ( 260557.6,
4026377.4,      75.0,      75.0,       0.0);
     ( 260579.3, 4026395.0,      74.8,      74.8,       0.0);         ( 260601.0,
4026412.6,      73.5,      73.5,       0.0);
     ( 260622.7, 4026430.2,      72.9,      72.9,       0.0);         ( 260644.4,
4026447.8,      72.3,      72.3,       0.0);
     ( 260709.4, 4026500.6,      75.7,      75.7,       0.0);         ( 260731.1,
4026518.2,      75.3,      75.3,       0.0);
     ( 260447.4, 4026046.8,      76.6,      76.6,       0.0);         ( 260469.1,
4026064.4,      75.8,      75.8,       0.0);
     ( 260505.4, 4026093.8,      75.6,      75.6,       0.0);         ( 260548.8,
4026129.1,      75.4,      75.4,       0.0);
     ( 260570.5, 4026146.8,      74.8,      74.8,       0.0);         ( 260592.3,
4026164.4,      75.4,      75.4,       0.0);
     ( 260614.0, 4026182.1,      76.0,      76.0,       0.0);         ( 260635.7,
4026199.7,      76.0,      76.0,       0.0);
     ( 260657.5, 4026217.3,      75.2,      75.2,       0.0);         ( 260679.2,
4026235.0,      74.7,      74.7,       0.0);
     ( 260700.9, 4026252.6,      76.0,      76.0,       0.0);         ( 260722.7,
4026270.3,      76.0,      76.0,       0.0);
     ( 260744.4, 4026287.9,      75.7,      75.7,       0.0);         ( 260766.1,
4026305.6,      74.8,      74.8,       0.0);
     ( 260860.3, 4026382.0,      75.9,      75.9,       0.0);         ( 260882.0,
4026399.7,      76.0,      76.0,       0.0);
     ( 260903.8, 4026417.3,      75.3,      75.3,       0.0);         ( 260510.7,
4025857.1,      77.2,      77.2,       0.0);
     ( 260532.4, 4025874.7,      78.3,      78.3,       0.0);         ( 260554.2,
4025892.4,      77.8,      77.8,       0.0);
     ( 260575.9, 4025910.1,      76.3,      76.3,       0.0);         ( 260699.2,
4026010.2,      74.3,      74.3,       0.0);
     ( 260721.0, 4026027.8,      75.0,      75.0,       0.0);         ( 260742.8,
4026045.5,      75.7,      75.7,       0.0);
     ( 260764.5, 4026063.2,      75.7,      75.7,       0.0);         ( 260786.3,
4026080.8,      74.4,      74.4,       0.0);
     ( 260808.0, 4026098.5,      73.1,      73.1,       0.0);         ( 260829.8,
4026116.2,      73.3,      76.0,       0.0);
     ( 260851.6, 4026133.8,      76.0,      76.0,       0.0);         ( 260873.3,
4026151.5,      76.0,      76.0,       0.0);
     ( 260895.1, 4026169.2,      75.2,      75.2,       0.0);         ( 260916.8,
4026186.8,      75.4,      75.4,       0.0);
     ( 261011.1, 4026263.4,      75.3,      75.3,       0.0);         ( 261032.9,
4026281.1,      75.0,      75.0,       0.0);
     ( 261054.6, 4026298.7,      75.8,      75.8,       0.0);         ( 261076.4,
4026316.4,      77.1,      77.1,       0.0);
     ( 260573.9, 4025667.3,      76.7,      76.7,       0.0);         ( 260595.7,
4025685.0,      77.0,      77.0,       0.0);
     ( 260617.5, 4025702.7,      76.8,      76.8,       0.0);         ( 260639.3,
4025720.4,      75.6,      75.6,       0.0);
     ( 260661.0, 4025738.1,      74.0,      74.0,       0.0);         ( 260769.9,
4025826.5,      75.9,      75.9,       0.0);
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     ( 260849.8, 4025891.3,      74.6,      74.6,       0.0);         ( 260871.6,
4025909.0,      74.0,      74.0,       0.0);
     ( 260893.4, 4025926.7,      74.1,      74.1,       0.0);         ( 260915.1,
4025944.4,      74.9,      74.9,       0.0);
     ( 260936.9, 4025962.1,      74.9,      74.9,       0.0);         ( 260958.7,
4025979.7,      74.4,      74.4,       0.0);
     ( 260980.5, 4025997.4,      73.6,      73.6,       0.0);         ( 261002.2,
4026015.1,      73.0,      73.0,       0.0);
     ( 261024.0, 4026032.8,      73.8,      73.8,       0.0);         ( 261045.8,
4026050.5,      73.7,      73.7,       0.0);
     ( 261067.6, 4026068.2,      73.8,      73.8,       0.0);         ( 261089.4,
4026085.8,      74.0,      74.0,       0.0);
     ( 261111.1, 4026103.5,      74.0,      74.0,       0.0);         ( 261132.9,
4026121.2,      74.0,      74.0,       0.0);
     ( 261154.7, 4026138.9,      74.5,      74.5,       0.0);         ( 261176.5,
4026156.6,      74.3,      74.3,       0.0);
     ( 261198.3, 4026174.2,      74.8,      74.8,       0.0);         ( 261220.0,
4026191.9,      75.8,      75.8,       0.0);
     ( 261241.8, 4026209.6,      77.0,      77.0,       0.0);         ( 261263.6,
4026227.3,      77.0,      77.0,       0.0);
     ( 260637.2, 4025477.6,      74.0,      74.0,       0.0);         ( 260659.0,
4025495.3,      71.7,      71.7,       0.0);
↟ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     ( 260680.8, 4025513.0,      71.4,      71.4,       0.0);         ( 260702.6,
4025530.7,      72.6,      72.6,       0.0);
     ( 260724.3, 4025548.4,      74.6,      74.6,       0.0);         ( 260746.1,
4025566.1,      75.3,      75.3,       0.0);
     ( 260767.9, 4025583.8,      76.0,      76.0,       0.0);         ( 260789.7,
4025601.5,      76.0,      76.0,       0.0);
     ( 260811.5, 4025619.2,      75.6,      75.6,       0.0);         ( 260833.3,
4025636.9,      75.0,      75.0,       0.0);
     ( 260855.1, 4025654.6,      74.3,      74.3,       0.0);         ( 260876.9,
4025672.3,      74.2,      74.2,       0.0);
     ( 260898.7, 4025689.9,      74.7,      74.7,       0.0);         ( 260920.5,
4025707.6,      74.4,      74.4,       0.0);
     ( 260942.3, 4025725.3,      73.1,      73.1,       0.0);         ( 260964.1,
4025743.0,      72.2,      72.2,       0.0);
     ( 260985.9, 4025760.7,      71.5,      71.5,       0.0);         ( 261007.7,
4025778.4,      71.1,      71.1,       0.0);
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: ..\hanford-muni-53119\Hanford_18-22.SFC
Met Version: 21112
Profile file: ..\hanford-muni-53119\Hanford_18-22.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 53119 Upper air station no.: 23230
Name: UNKNOWN Name: OAKLAND/WSO_AP
Year: 2018 Year: 2018

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
18	01	01	1	01	-10.1	0.132	-9.000	-9.000	-999.	115.	20.6	0.04	0.81	1.00	2.01	337.	10.0	278.8	2.0
18	01	01	1	02	-4.0	0.082	-9.000	-9.000	-999.	57.	12.5	0.03	0.81	1.00	1.31	69.	10.0	276.4	2.0
18	01	01	1	03	-4.1	0.082	-9.000	-9.000	-999.	56.	12.0	0.02	0.81	1.00	1.40	246.	10.0	275.4	2.0
18	01	01	1	04	-4.5	0.085	-9.000	-9.000	-999.	60.	12.4	0.02	0.81	1.00	1.47	266.	10.0	275.4	2.0

```
 18 01 01   1 05   -7.2  0.111 -9.000 -9.000 -999.   88.     17.0  0.04   0.81
1.00    1.71  330.   10.0  275.9    2.0
 18 01 01   1 06   -3.3  0.074 -9.000 -9.000 -999.   48.     11.1  0.02   0.81
1.00    1.23  241.   10.0  274.2    2.0
 18 01 01   1 07   -5.4  0.093 -9.000 -9.000 -999.   68.     13.5  0.02   0.81
1.00    1.62  176.   10.0  274.9    2.0
 18 01 01   1 08   -7.2  0.111 -9.000 -9.000 -999.   89.     17.2  0.03   0.81
0.64    1.77  114.   10.0  274.9    2.0
 18 01 01   1 09    7.8  0.118  0.205  0.006   40.   97.    -19.1  0.02   0.81
0.35    1.60  153.   10.0  277.0    2.0
 18 01 01   1 10   50.9  0.142  0.637  0.006  183.  128.     -5.1  0.02   0.81
0.26    1.64  201.   10.0  280.9    2.0
 18 01 01   1 11   82.6  0.123  1.024  0.016  471.  103.     -2.0  0.04   0.81
0.22    1.08   31.   10.0  284.9    2.0
 18 01 01   1 12   99.0  0.150  1.153  0.017  561.  139.     -3.1  0.03   0.81
0.21    1.50   62.   10.0  286.1    2.0
 18 01 01   1 13   99.9  0.149  1.209  0.019  640.  138.     -3.0  0.04   0.81
0.21    1.42  356.   10.0  287.5    2.0
 18 01 01   1 14   85.6  0.161  1.192  0.019  714.  156.     -4.4  0.02   0.81
0.22    1.93  293.   10.0  289.9    2.0
 18 01 01   1 15   55.9  0.189  1.041  0.019  728.  198.    -11.0  0.02   0.81
0.25    2.49  296.   10.0  290.4    2.0
 18 01 01   1 16   13.6  0.148  0.651  0.019  731.  136.    -21.3  0.02   0.81
0.34    1.98  328.   10.0  289.2    2.0
 18 01 01   1 17   -3.7  0.082 -9.000 -9.000 -999.   57.     13.4  0.04   0.81
0.61    1.26  340.   10.0  285.9    2.0
 18 01 01   1 18   -5.8  0.098 -9.000 -9.000 -999.   73.     14.4  0.02   0.81
1.00    1.67  230.   10.0  283.1    2.0
 18 01 01   1 19   -2.9  0.070 -9.000 -9.000 -999.   45.     11.0  0.02   0.81
1.00    1.13  202.   10.0  281.4    2.0
 18 01 01   1 20   -4.9  0.090 -9.000 -9.000 -999.   65.     13.7  0.03   0.81
1.00    1.45  110.   10.0  279.9    2.0
 18 01 01   1 21   -2.2  0.065 -9.000 -9.000 -999.   40.     11.6  0.03   0.81
1.00    0.89  107.   10.0  278.8    2.0
 18 01 01   1 22   -2.4  0.070 -9.000 -9.000 -999.   44.     12.8  0.06   0.81
1.00    0.87   15.   10.0  279.9    2.0
 18 01 01   1 23   -3.2  0.075 -9.000 -9.000 -999.   49.     11.8  0.03   0.81
1.00    1.16   85.   10.0  279.2    2.0
 18 01 01   1 24   -4.9  0.091 -9.000 -9.000 -999.   66.     14.1  0.04   0.81
1.00    1.40   53.   10.0  277.5    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 18 01 01 01   10.0 1  337.    2.01   278.8   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE1 ***
INCLUDING SOURCE(S): PHASE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260122.88	4026867.29	0.26901	260099.69	4026867.81	0.29256
260076.51	4026868.33	0.31565	260053.32	4026868.85	0.33776
260030.13	4026869.37	0.35810	260006.94	4026869.89	0.37633
259983.76	4026870.42	0.39316	259960.57	4026870.94	0.40993
260145.51	4026841.77	0.23361	260122.32	4026842.29	0.25287
260099.13	4026842.82	0.27194	260075.94	4026843.34	0.29025
260052.76	4026843.86	0.30774	260029.57	4026844.38	0.32387
260006.38	4026844.90	0.33886	259983.19	4026845.42	0.35370
259960.01	4026845.94	0.36927	260157.65	4026818.69	0.21334
260121.76	4026817.30	0.23708	260098.57	4026817.82	0.25268
260075.38	4026818.34	0.26752	260052.19	4026818.86	0.28169
260029.01	4026819.39	0.29511	260005.82	4026819.91	0.30812
259982.63	4026820.43	0.32158	259959.44	4026820.95	0.33633
260161.32	4026794.34	0.20015	260121.20	4026792.31	0.22202
260098.01	4026792.83	0.23490	260074.82	4026793.35	0.24721
260051.63	4026793.87	0.25907	260028.45		

```
4026794.39        0.27060
         260005.26    4026794.91        0.28220                     259982.07
4026795.43        0.29461
         259958.88    4026795.96        0.30854                     260160.19
4026744.35        0.17942
         260120.07    4026742.32        0.19476                     260096.88
4026742.84        0.20397
         260073.70    4026743.36        0.21295                     260050.51
4026743.88        0.22180
         260027.32    4026744.40        0.23077                     260004.13
4026744.93        0.24017
         259980.95    4026745.45        0.25024                     259957.76
4026745.97        0.26134
         260164.72    4026695.21        0.15883                     260187.30
4026698.62        0.15280
         260142.14    4026691.81        0.16437                     260118.95
4026692.33        0.17135
         260095.76    4026692.85        0.17829                     260072.57
4026693.37        0.18524
         260049.39    4026693.90        0.19203                     260026.20
4026694.42        0.19884
         260003.01    4026694.94        0.20578                     259979.82
4026695.46        0.21291
         259956.64    4026695.98        0.22017                     260162.18
4026645.01        0.14248
         260204.52    4026651.40        0.13402                     260117.82
4026642.34        0.15156
         260094.64    4026642.87        0.15675                     260071.45
4026643.39        0.16181
         260048.26    4026643.91        0.16670                     260025.07
4026644.43        0.17142
         260001.89    4026644.95        0.17592                     259978.70
4026645.47        0.18013
         259955.51    4026645.99        0.18392                     260160.21
4026594.90        0.12776
         260200.85    4026601.03        0.12199                     260116.70
4026592.36        0.13405
         260093.51    4026592.88        0.13765                     260070.33
4026593.40        0.14103
         260047.14    4026593.92        0.14416                     260023.95
4026594.44        0.14693
         260000.76    4026594.96        0.14929                     259977.58
4026595.48        0.15112
         259954.39    4026596.01        0.15232                     260160.22
4026495.27        0.10141
         260182.80    4026498.67        0.10032                     260205.38
4026502.07        0.09889
         260227.96    4026505.48        0.09717                     260250.54
4026508.88        0.09516
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
```

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                  INCLUDING SOURCE(S):   PHASE1   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         260137.64   4026491.86   0.10216   260114.45
4026492.38   0.10364
         260091.27   4026492.90   0.10483   260068.08
4026493.42   0.10568
         260044.89   4026493.95   0.10611   260021.70
4026494.47   0.10617
         259998.52   4026494.99   0.10580   259975.33
4026495.51   0.10494
         259952.14   4026496.03   0.10357   260156.56
4026395.08   0.07927
         260198.90   4026401.46   0.07947   260241.24
4026407.84   0.07872
         260283.58   4026414.23   0.07707   260112.21
4026392.41   0.07884
         260089.02   4026392.93   0.07862   260065.83
4026393.45   0.07811
         260042.64   4026393.97   0.07731   260019.46
4026394.49   0.07622
         259996.27   4026395.01   0.07482   259973.08
4026395.54   0.07313
         259949.89   4026396.06   0.07110   260155.73
4026295.32   0.06133
         260178.31   4026298.72   0.06219   260200.89
4026302.12   0.06285
         260223.47   4026305.53   0.06329   260246.05
4026308.93   0.06356
         260268.63   4026312.34   0.06363   260291.21
4026315.74   0.06350
         260313.79   4026319.15   0.06317   260133.15

4026291.91 0.06027
260109.96 4026292.43 0.05964 260086.77
4026292.95 0.05882
260063.58 4026293.48 0.05781 260040.40
4026294.00 0.05661
260017.21 4026294.52 0.05521 259994.02
4026295.04 0.05364
259970.83 4026295.56 0.05193 259947.65
4026296.08 0.05010
260152.45 4026195.19 0.04740 260195.56
4026201.69 0.04932
260238.67 4026208.18 0.05077 260281.77
4026214.68 0.05173
260324.88 4026221.18 0.05218 260107.71
4026192.46 0.04542
260084.52 4026192.98 0.04444 260061.34
4026193.50 0.04333
260038.15 4026194.02 0.04210 260014.96
4026194.54 0.04078
259991.77 4026195.06 0.03938 259968.59
4026195.59 0.03792
259945.40 4026196.11 0.03641 260148.18
4025995.27 0.02924
260191.72 4026001.84 0.03102 260235.27
4026008.40 0.03261
260278.82 4026014.97 0.03400 260322.37
4026021.53 0.03519
260365.91 4026028.10 0.03613 260409.46
4026034.66 0.03680
260103.22 4025992.51 0.02749 260080.03
4025993.03 0.02665
260056.84 4025993.55 0.02577 260033.65
4025994.07 0.02488
260010.47 4025994.59 0.02399 259987.28
4025995.11 0.02309
259964.09 4025995.64 0.02219 259940.90
4025996.16 0.02130
260143.82 4025795.34 0.01916 260187.66
4025801.95 0.02045
260231.49 4025808.56 0.02170 260275.32
4025815.17 0.02290
260319.15 4025821.78 0.02403 260362.98
4025828.38 0.02506
260406.82 4025834.99 0.02598 260450.65
4025841.60 0.02676
260098.72 4025792.56 0.01796 260075.53
4025793.08 0.01739
260052.35 4025793.60 0.01681 260029.16
4025794.12 0.01622
260005.97 4025794.64 0.01565 259982.78

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE1   ***
                                   INCLUDING SOURCE(S):   PHASE1   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                            ** CONC OF OTHER   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

4025442.09 0.01441
260488.44 4025448.75 0.01502 260532.61
4025455.41 0.01561
260576.79 4025462.07 0.01619 260089.73
4025392.66 0.00952
260066.54 4025393.18 0.00926 260043.36
4025393.70 0.00900
260020.17 4025394.22 0.00874 259996.98
4025394.75 0.00848
259973.79 4025395.27 0.00822 259950.61
4025395.79 0.00796
259927.42 4025396.31 0.00771 259936.53
4026919.72 0.54778
259936.93 4026943.08 0.63775 259937.33
4026966.44 0.76842
259937.73 4026989.80 0.97488 259938.13
4027013.16 1.32199
259918.11 4026879.03 0.46039 259911.54
4026920.14 0.57126
259911.93 4026943.51 0.66026 259912.33
4026966.87 0.78970
259912.73 4026990.23 0.99292 259913.13
4027013.59 1.33965
259893.11 4026879.46 0.49288 259924.52
4026836.29 0.38384
259886.54 4026920.57 0.60382 259886.94
4026943.93 0.68836
259887.34 4026967.29 0.81296 259887.73
4026990.66 1.02102
259888.13 4027014.02 1.37620 259868.12
4026879.88 0.54173
259882.06 4026844.38 0.45046 259906.50
4026818.96 0.37912
259861.54 4026921.00 0.65329 259861.94
4026944.36 0.73246
259862.34 4026967.72 0.85305 259862.74
4026991.08 1.05167
259863.14 4027014.44 1.42513 259819.52
4026877.19 0.71117
259827.89 4026855.88 0.61058 259836.25
4026834.58 0.52616
259844.62 4026813.28 0.45731 259873.94
4026782.78 0.36215
259894.90 4026773.58 0.33030 259915.85
4026764.37 0.30353
259936.80 4026755.17 0.28085 259811.55
4026921.85 0.86492
259811.95 4026945.21 0.92065 259812.35
4026968.57 1.01234
259812.75 4026991.93 1.18884 259813.14

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4027015.30        1.50452
         259769.13    4026879.05        1.07155                      259785.07
4026838.48        0.66677
↑ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE  60
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                  INCLUDING SOURCE(S):     PHASE1      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         259801.00    4026797.90        0.46869                      259836.90
4026748.57        0.32706
         259876.81    4026731.04        0.28385                      259916.72
4026713.51        0.24862
         259718.91    4026880.47        1.22505                      259734.41
4026841.02        0.72912
         259749.90    4026801.57        0.49825                      259765.40
4026762.13        0.36537
         259800.30    4026714.16        0.26861                      259839.10
4026697.12        0.24503
         259877.90    4026680.08        0.22267                      259916.71
4026663.03        0.20213
         259669.54    4026879.74        1.18005                      259677.91
4026858.44        0.86443
         259686.28    4026837.14        0.67236                      259694.64
4026815.84        0.54238
         259703.01    4026794.54        0.44646                      259711.38
4026773.24        0.37452
         259719.75    4026751.94        0.31942                      259728.11
4026730.63        0.27531
         259736.48    4026709.33        0.23976                      259765.80
4026678.83        0.20637
         259786.76    4026669.63        0.20145                      259807.71
4026660.42        0.19589
         259828.66    4026651.22        0.18997                      259849.62
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4026642.02        0.18377
         259870.57    4026632.82        0.17739                   259891.53
4026623.61        0.17090
         259912.48    4026614.41        0.16454                   259933.43
4026605.21        0.15834
         259569.16    4026882.46        1.01350                   259585.09
4026841.89        0.57406
         259601.03    4026801.31        0.36472                   259616.97
4026760.74        0.25408
         259632.91    4026720.17        0.18985                   259648.85
4026679.59        0.14777
         259664.78    4026639.02        0.11861                   259692.71
4026609.97        0.10953
         259732.62    4026592.44        0.11238                   259772.53
4026574.91        0.11351
         259812.45    4026557.38        0.11308                   259852.36
4026539.85        0.11143
         259892.27    4026522.32        0.10880                   259485.81
4026841.80        0.26547
         259502.22    4026800.04        0.18558                   259518.63
4026758.27        0.13814
         259535.03    4026716.50        0.10896                   259543.24
4026695.62        0.09821
         259559.64    4026653.85        0.08150                   259576.05
4026612.08        0.06888
         259592.46    4026570.32        0.05921                   259621.20
4026540.41        0.05692
         259662.29    4026522.37        0.06060                   259703.37
4026504.32        0.06406
         259744.46    4026486.28        0.06696                   259785.55
4026468.23        0.06921
         259826.63    4026450.19        0.07072                   259867.72
4026432.14        0.07148
         259888.26    4026423.12        0.07161                   259377.95
4026863.56        0.12162
         259386.32    4026842.26        0.11090                   259394.69
4026820.95        0.10100
         259403.05    4026799.65        0.09186                   259411.42
4026778.35        0.08360
         259419.79    4026757.05        0.07624                   259428.16
4026735.75        0.06975
         259436.52    4026714.45        0.06409                   259444.89
4026693.15        0.05923
         259453.26    4026671.84        0.05505                   259461.63
4026650.54        0.05141
         259469.99    4026629.24        0.04821                   259478.36
4026607.94        0.04534
         259486.73    4026586.64        0.04275                   259495.10
4026565.34        0.04039
         259503.46    4026544.04        0.03822                   259511.83
```

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                  INCLUDING SOURCE(S):   PHASE1   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

```
4026843.03        0.06665
         259295.19    4026821.42        0.06280                   259303.67
4026799.81        0.05883
         259312.16    4026778.20        0.05497                   259320.65
4026756.59        0.05135
         259329.14    4026734.98        0.04804                   259337.63
4026713.37        0.04498
         259346.12    4026691.76        0.04217                   259354.61
4026670.15        0.03962
         259363.10    4026648.54        0.03733                   259371.58
4026626.93        0.03528
         259380.07    4026605.32        0.03345                   259388.56
4026583.71        0.03181
         259397.05    4026562.10        0.03032                   259405.54
4026540.49        0.02896
         259414.03    4026518.88        0.02769                   259422.52
4026497.27        0.02651
         259431.00    4026475.66        0.02540                   259439.49
4026454.05        0.02434
         259447.98    4026432.44        0.02334                   259477.73
4026401.50        0.02272
         259498.99    4026392.16        0.02308                   259520.24
4026382.83        0.02347
         259541.50    4026373.49        0.02391                   259562.76
4026364.15        0.02440
         259584.02    4026354.82        0.02494                   259605.27
4026345.48        0.02552
         259626.53    4026336.15        0.02614                   259647.79
4026326.81        0.02681
         259669.05    4026317.47        0.02752                   259690.31
4026308.14        0.02827
         259711.56    4026298.80        0.02905                   259732.82
4026289.47        0.02986
         259754.08    4026280.13        0.03067                   259775.34
4026270.79        0.03147
         259796.59    4026261.46        0.03225                   259817.85
4026252.12        0.03299
         259839.11    4026242.79        0.03368                   259860.37
4026233.45        0.03432
         259881.62    4026224.11        0.03491                   259902.88
4026214.78        0.03546
         259924.14    4026205.44        0.03595                   259261.63
4026931.23        0.08171
         259262.03    4026954.59        0.08768                   259262.43
4026977.95        0.09347
         259262.83    4027001.31        0.09857                   259263.22
4027024.67        0.10277
         259263.62    4027048.03        0.10632                   259069.63
4026889.97        0.03601
         259078.00    4026868.67        0.03534                   259086.36
```

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                  INCLUDING SOURCE(S):   PHASE1   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

```
4026253.83        0.01379
         259375.14    4026244.63        0.01388                    259396.10
4026235.42        0.01394
         259417.05    4026226.22        0.01399                    259438.01
4026217.02        0.01403
         259458.96    4026207.82        0.01406                    259479.91
4026198.61        0.01411
         259500.87    4026189.41        0.01418                    259521.82
4026180.21        0.01428
         259542.78    4026171.01        0.01441                    259563.73
4026161.80        0.01458
         259584.68    4026152.60        0.01479                    259605.64
4026143.40        0.01503
         259626.59    4026134.20        0.01530                    259647.55
4026124.99        0.01561
         259668.50    4026115.79        0.01594                    259689.45
4026106.59        0.01630
         259710.41    4026097.39        0.01668                    259731.36
4026088.18        0.01710
         259752.32    4026078.98        0.01754                    259773.27
4026069.78        0.01798
         259794.23    4026060.58        0.01842                    259815.18
4026051.37        0.01885
         259836.13    4026042.17        0.01928                    259857.09
4026032.97        0.01971
         259878.04    4026023.77        0.02013                    259899.00
4026014.56        0.02054
         259919.95    4026005.36        0.02093                    259061.66
4026934.64        0.03747
         259062.06    4026958.00        0.03878                    259062.46
4026981.36        0.04021
         259062.85    4027004.72        0.04162                    259063.25
4027028.08        0.04290
         259063.65    4027051.44        0.04401                    258869.81
4026892.99        0.02269
         258878.33    4026871.29        0.02232                    258886.86
4026849.60        0.02208
         258895.38    4026827.90        0.02179                    258903.90
4026806.20        0.02150
         258912.42    4026784.51        0.02119                    258920.95
4026762.81        0.02086
         258929.47    4026741.12        0.02055                    258937.99
4026719.42        0.02023
         258946.51    4026697.73        0.01989                    258955.04
4026676.03        0.01948
         258963.56    4026654.33        0.01899                    258972.08
4026632.64        0.01839
         258980.60    4026610.94        0.01769                    258989.12
4026589.25        0.01690
         258997.65    4026567.55        0.01608                    259006.17
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4026545.85        0.01524
         259014.69    4026524.16        0.01442                       259023.21
4026502.46        0.01364
         259031.74    4026480.77        0.01295                       259040.26
4026459.07        0.01234
         259048.78    4026437.38        0.01181                       259057.30
4026415.68        0.01137
         259065.83    4026393.98        0.01100                       259074.35
4026372.29        0.01072
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE  63
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                  INCLUDING SOURCE(S):     PHASE1      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         259082.87    4026350.59        0.01049                       259091.39
4026328.90        0.01032
         259099.92    4026307.20        0.01018                       259108.44
4026285.51        0.01006
         259116.96    4026263.81        0.00995                       259125.48
4026242.11        0.00986
         259134.00    4026220.42        0.00977                       259142.53
4026198.72        0.00969
         259151.05    4026177.03        0.00959                       259159.57
4026155.33        0.00948
         259189.44    4026124.26        0.00950                       259210.78
4026114.89        0.00962
         259232.12    4026105.52        0.00971                       259253.46
4026096.14        0.00977
         259274.80    4026086.77        0.00982                       259296.15
4026077.40        0.00986
         259317.49    4026068.02        0.00988                       259338.83
4026058.65        0.00988
         259360.17    4026049.28        0.00987                       259381.51
```

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4026039.91        0.00984
         259402.86    4026030.53        0.00980                    259424.20
4026021.16        0.00977
         259445.54    4026011.79        0.00974                    259466.88
4026002.41        0.00973
         259488.22    4025993.04        0.00973                    259509.57
4025983.67        0.00975
         259530.91    4025974.29        0.00980                    259552.25
4025964.92        0.00986
         259573.59    4025955.55        0.00995                    259594.94
4025946.18        0.01008
         259616.28    4025936.80        0.01023                    259637.62
4025927.43        0.01039
         259658.96    4025918.06        0.01059                    259680.30
4025908.68        0.01080
         259701.65    4025899.31        0.01103                    259722.99
4025889.94        0.01127
         259744.33    4025880.56        0.01152                    259765.67
4025871.19        0.01179
         259787.01    4025861.82        0.01207                    259808.36
4025852.45        0.01235
         259829.70    4025843.07        0.01264                    259851.04
4025833.70        0.01292
         259872.38    4025824.33        0.01321                    259893.72
4025814.95        0.01349
         259915.07    4025805.58        0.01376                    258861.29
4026914.68        0.02299
         258861.69    4026938.04        0.02367                    258862.09
4026961.41        0.02431
         258862.48    4026984.77        0.02490                    258862.88
4027008.13        0.02553
         258863.28    4027031.49        0.02617                    258863.68
4027054.85        0.02678
         258669.75    4026896.63        0.01674                    258678.18
4026875.16        0.01650
         258686.62    4026853.69        0.01622                    258695.05
4026832.23        0.01595
         258703.48    4026810.76        0.01565                    258711.91
4026789.29        0.01536
         258720.34    4026767.83        0.01509                    258728.78
4026746.36        0.01488
         258737.21    4026724.89        0.01468                    258745.64
4026703.43        0.01456
         258754.07    4026681.96        0.01446                    258762.51
4026660.50        0.01436
         258770.94    4026639.03        0.01427                    258779.37
4026617.56        0.01417
         258787.80    4026596.10        0.01406                    258796.23
4026574.63        0.01385
         258804.67    4026553.16        0.01357                    258813.10
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4026531.70        0.01319
         258821.53    4026510.23        0.01274                       258829.96
4026488.76        0.01226
         258838.40    4026467.30        0.01172                       258846.83
4026445.83        0.01116
         258855.26    4026424.36        0.01062                       258863.69
4026402.90        0.01010
         258872.13    4026381.43        0.00962                       258880.56
4026359.97        0.00919
         258888.99    4026338.50        0.00877                       258897.42
4026317.03        0.00841
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE  64
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                  INCLUDING SOURCE(S):     PHASE1      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         258905.85    4026295.57        0.00810                       258914.29
4026274.10        0.00783
         258922.72    4026252.63        0.00760                       258931.15
4026231.17        0.00742
         258939.58    4026209.70        0.00730                       258948.02
4026188.23        0.00720
         258956.45    4026166.77        0.00712                       258964.88
4026145.30        0.00706
         258973.31    4026123.83        0.00701                       258981.74
4026102.37        0.00697
         258990.18    4026080.90        0.00693                       258998.61
4026059.44        0.00690
         259007.04    4026037.97        0.00689                       259015.47
4026016.50        0.00688
         259045.02    4025985.76        0.00702                       259066.14
4025976.49        0.00716
         259087.25    4025967.21        0.00729                       259108.37
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4025957.94        0.00739
         259129.49    4025948.67        0.00748                    259150.60
4025939.39        0.00755
         259171.72    4025930.12        0.00760                    259192.84
4025920.84        0.00762
         259213.95    4025911.57        0.00763                    259235.07
4025902.30        0.00762
         259256.19    4025893.02        0.00760                    259277.30
4025883.75        0.00758
         259298.42    4025874.48        0.00754                    259319.54
4025865.20        0.00750
         259340.65    4025855.93        0.00745                    259361.77
4025846.65        0.00741
         259382.89    4025837.38        0.00736                    259404.00
4025828.11        0.00733
         259425.12    4025818.83        0.00730                    259446.23
4025809.56        0.00727
         259467.35    4025800.28        0.00726                    259488.47
4025791.01        0.00726
         259509.58    4025781.74        0.00726                    259530.70
4025772.46        0.00729
         259551.82    4025763.19        0.00733                    259572.93
4025753.91        0.00738
         259594.05    4025744.64        0.00746                    259615.17
4025735.37        0.00755
         259636.28    4025726.09        0.00766                    259657.40
4025716.82        0.00778
         259678.52    4025707.55        0.00792                    259699.63
4025698.27        0.00807
         259720.75    4025689.00        0.00823                    259741.87
4025679.72        0.00839
         259762.98    4025670.45        0.00857                    259784.10
4025661.18        0.00874
         259805.21    4025651.90        0.00892                    259826.33
4025642.63        0.00910
         259847.45    4025633.35        0.00929                    259868.56
4025624.08        0.00949
         259889.68    4025614.81        0.00970                    259910.80
4025605.53        0.00989
         258661.32    4026918.09        0.01695                    258661.72
4026941.45        0.01734
         258662.12    4026964.82        0.01770                    258662.51
4026988.18        0.01801
         258662.91    4027011.54        0.01830                    258663.31
4027034.90        0.01862
         258663.71    4027058.26        0.01893                    258469.89
4026899.77        0.01344
         258478.42    4026878.03        0.01335                    258486.96
4026856.29        0.01320
         258495.50    4026834.56        0.01300                    258504.04
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4026812.82        0.01274
         258512.58    4026791.09        0.01244                      258521.11
4026769.35        0.01214
         258529.65    4026747.61        0.01188                      258538.19
4026725.88        0.01168
         258546.73    4026704.14        0.01151                      258555.27
4026682.41        0.01137
         258563.81    4026660.67        0.01125                      258572.34
4026638.93        0.01117
         258580.88    4026617.20        0.01111                      258589.42
4026595.46        0.01108
         258597.96    4026573.73        0.01108                      258606.50
4026551.99        0.01106
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE  65
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                 INCLUDING SOURCE(S):     PHASE1      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         258615.03    4026530.25        0.01102                      258623.57
4026508.52        0.01094
         258632.11    4026486.78        0.01080                      258640.65
4026465.05        0.01062
         258649.19    4026443.31        0.01040                      258657.73
4026421.57        0.01014
         258666.26    4026399.84        0.00982                      258674.80
4026378.10        0.00947
         258683.34    4026356.37        0.00909                      258691.88
4026334.63        0.00869
         258700.42    4026312.89        0.00830                      258708.95
4026291.16        0.00792
         258717.49    4026269.42        0.00756                      258726.03
4026247.69        0.00722
         258734.57    4026225.95        0.00690                      258743.11
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4026204.21        0.00661
         258751.64    4026182.48        0.00636                    258760.18
4026160.74        0.00615
         258768.72    4026139.01        0.00596                    258777.26
4026117.27        0.00581
         258785.80    4026095.53        0.00567                    258794.34
4026073.80        0.00556
         258802.87    4026052.06        0.00548                    258811.41
4026030.33        0.00541
         258819.95    4026008.59        0.00535                    258828.49
4025986.85        0.00531
         258837.03    4025965.12        0.00528                    258845.56
4025943.38        0.00526
         258854.10    4025921.65        0.00526                    258862.64
4025899.91        0.00526
         258871.18    4025878.17        0.00527                    258901.10
4025847.05        0.00539
         258922.48    4025837.66        0.00552                    258943.86
4025828.27        0.00565
         258965.24    4025818.88        0.00577                    258986.63
4025809.49        0.00589
         259008.01    4025800.09        0.00598                    259029.39
4025790.70        0.00607
         259050.77    4025781.31        0.00613                    259072.15
4025771.92        0.00618
         259093.53    4025762.53        0.00621                    259114.92
4025753.14        0.00623
         259136.30    4025743.75        0.00622                    259157.68
4025734.36        0.00620
         259179.06    4025724.97        0.00618                    259200.44
4025715.58        0.00614
         259221.82    4025706.19        0.00610                    259243.21
4025696.80        0.00606
         259264.59    4025687.41        0.00602                    259285.97
4025678.02        0.00599
         259307.35    4025668.63        0.00595                    259328.73
4025659.24        0.00590
         259350.11    4025649.85        0.00586                    259371.50
4025640.46        0.00582
         259392.88    4025631.07        0.00579                    259414.26
4025621.68        0.00577
         259435.64    4025612.29        0.00576                    259457.02
4025602.90        0.00575
         259478.40    4025593.51        0.00575                    259499.79
4025584.12        0.00576
         259521.17    4025574.73        0.00577                    259542.55
4025565.34        0.00579
         259563.93    4025555.95        0.00582                    259585.31
4025546.55        0.00586
         259606.69    4025537.16        0.00592                    259628.08
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4025527.77        0.00598
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4025508.99        0.00615
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4025490.21        0.00634
         259734.98    4025480.82        0.00646                       259756.37
4025471.43        0.00658
         259777.75    4025462.04        0.00671                       259799.13
4025452.65        0.00685
         259820.51    4025443.26        0.00698                       259841.89
4025433.87        0.00713
         259863.27    4025424.48        0.00727                       259884.66
4025415.09        0.00742
         259906.04    4025405.70        0.00756                       258461.35
4026921.50        0.01354
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE  66
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                  INCLUDING SOURCE(S):     PHASE1      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -
         258461.75    4026944.86        0.01374                       258462.14
4026968.23        0.01391
         258462.54    4026991.59        0.01409                       258462.94
4027014.95        0.01421
         258463.34    4027038.31        0.01434                       258463.74
4027061.67        0.01452
         259934.28    4026786.78        0.31528                       259843.61
4026789.17        0.40460
         259775.62    4026790.96        0.45606                       259910.29
4026737.40        0.27640
         259796.97    4026740.38        0.31735                       259774.30
4026740.98        0.31560
         259751.64    4026741.57        0.30990                       259930.33
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4026636.84 0.18015
259794.33 4026640.42 0.17149 259771.67
4026641.01 0.16521
259749.00 4026641.61 0.15768 259950.36
4026536.27 0.12090
259927.70 4026536.87 0.11962 259791.70
4026540.45 0.09917
259769.04 4026541.05 0.09399 259746.37
4026541.64 0.08850
259947.73 4026436.31 0.08216 259925.07
4026436.90 0.08001
259789.07 4026440.48 0.06179 259766.41
4026441.08 0.05821
259743.74 4026441.68 0.05463 259945.10
4026336.34 0.05719
259922.43 4026336.94 0.05513 259786.44
4026340.52 0.04120
259763.77 4026341.12 0.03883 259741.11
4026341.71 0.03652
259939.84 4026136.41 0.03035 259917.17
4026137.01 0.02910
259894.50 4026137.61 0.02785 259871.84
4026138.20 0.02661
259849.17 4026138.80 0.02539 259826.51
4026139.40 0.02419
259803.84 4026139.99 0.02300 259781.18
4026140.59 0.02183
259758.51 4026141.19 0.02071 259735.85
4026141.78 0.01967
259934.57 4025936.48 0.01843 259911.91
4025937.08 0.01771
259889.24 4025937.67 0.01700 259866.58
4025938.27 0.01630
259843.91 4025938.87 0.01562 259821.24
4025939.46 0.01495
259798.58 4025940.06 0.01431 259775.91
4025940.66 0.01370
259753.25 4025941.25 0.01312 259730.58
4025941.85 0.01257
259929.31 4025736.55 0.01250 259906.64
4025737.15 0.01205
259883.98 4025737.74 0.01162 259861.31
4025738.34 0.01119
259838.65 4025738.94 0.01077 259815.98
4025739.53 0.01037
259793.32 4025740.13 0.00998 259770.65
4025740.73 0.00961
259747.99 4025741.32 0.00926 259725.32
4025741.92 0.00893
259924.05 4025536.62 0.00916 259901.38

4025537.22   0.00886
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4025538.41   0.00827
         259833.38   4025539.01   0.00801   259810.72
4025539.60   0.00775
         259788.05   4025540.20   0.00749   259765.39
4025540.80   0.00725
         259742.72   4025541.39   0.00702   259720.06
4025541.99   0.00680
         260259.41   4027030.57   0.12806   260258.91
4027007.71   0.13448
         260258.41   4026984.85   0.14007   260257.92
4026961.98   0.14462
         260257.42   4026939.12   0.14809   260256.92
4026916.26   0.15041
         260256.42   4026893.39   0.15165   260359.39
4027028.40   0.07066

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                 INCLUDING SOURCE(S):   PHASE1   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         260358.89   4027005.53   0.07492   260358.39
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4026936.94   0.08668
         260356.90   4026914.08   0.08992   260356.40
4026891.22   0.09275
         260459.36   4027026.22   0.04394   260458.87
4027003.35   0.04645
         260458.37   4026980.49   0.04902   260457.87
4026957.63   0.05161
         260457.37   4026934.76   0.05416   260456.87

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4026911.90        0.05664
         260456.37    4026889.04        0.05900                   260659.32
4027021.86        0.02249
         260658.82    4026998.99        0.02348                   260658.32
4026976.13        0.02450
         260657.82    4026953.27        0.02554                   260657.32
4026930.40        0.02660
         260656.82    4026907.54        0.02769                   260656.33
4026884.68        0.02878
         260859.27    4027017.50        0.01427                   260858.77
4026994.64        0.01479
         260858.27    4026971.77        0.01531                   260857.77
4026948.91        0.01583
         260857.28    4026926.05        0.01634                   260856.78
4026903.18        0.01688
         260856.28    4026880.32        0.01744                   261059.22
4027013.14        0.01022
         261058.72    4026990.28        0.01052                   261058.22
4026967.42        0.01082
         261057.73    4026944.55        0.01111                   261057.23
4026921.69        0.01141
         261056.73    4026898.83        0.01174                   261056.23
4026875.96        0.01212
         261259.17    4027008.78        0.00790                   261258.68
4026985.92        0.00810
         261258.18    4026963.06        0.00829                   261257.68
4026940.19        0.00849
         261257.18    4026917.33        0.00870                   261256.68
4026894.47        0.00892
         261256.18    4026871.60        0.00915                   259796.13
4026879.73        0.86811
         259754.95    4026854.32        0.83737                   259754.15
4026829.33        0.64360
         259782.14    4026815.29        0.55145                   259810.93
4026826.23        0.55673
         259798.03    4026771.96        0.39210                   259766.16
4026710.47        0.25404
         259713.18    4026705.57        0.22138                   259863.07
4026697.95        0.24465
         259730.08    4026655.01        0.16355                   259763.58
4026610.76        0.13583
         259879.85    4026654.96        0.19748                   259977.30
4026719.03        0.23075
         259998.89    4026767.78        0.26068                   259760.72
4026510.93        0.07903
         259828.46    4026536.69        0.10526                   259879.27
4026556.01        0.12448
         259913.14    4026568.88        0.13536                   259757.73
4026411.06        0.05002
         259877.69    4026456.67        0.08054                   259911.97
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         260107.90    4026558.14        0.12390                       260137.61
4026625.19        0.14135
         260182.16    4026725.77        0.16365                       260197.01
4026759.29        0.16845
         260211.87    4026792.82        0.17027                       260226.72
4026826.34        0.16815
         260241.57    4026859.87        0.16179                       259754.68
4026311.16        0.03407
         259875.60    4026357.14        0.05419                       259910.15
4026370.27        0.06082
         260031.07    4026416.25        0.08246                       260065.62
4026429.38        0.08712
         260100.17    4026442.52        0.09073                       260134.71
4026455.65        0.09323
         260199.20    4026536.38        0.10704                       260214.18
4026570.17        0.11242
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                  INCLUDING SOURCE(S):     PHASE1      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
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         260259.09    4026671.55        0.12377                       260274.06
4026705.35        0.12499
         260289.03    4026739.14        0.12412                       260304.00
4026772.94        0.12077
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         259751.01    4026211.03        0.02463                       259784.60
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4026332.35        0.06516
         260103.69    4026345.12        0.06889                    260137.28
4026357.90        0.07199
         260170.87    4026370.67        0.07438                    260221.26
4026389.82        0.07660
         260252.61    4026429.06        0.08148                    260267.16
4026461.92        0.08555
         260281.71    4026494.77        0.08910                    260296.27
4026527.63        0.09204
         260310.82    4026560.48        0.09430                    260325.38
4026593.34        0.09577
         260339.93    4026626.19        0.09628                    260354.49
4026659.05        0.09560
         260369.04    4026691.90        0.09359                    260383.60
4026724.76        0.09013
         260398.15    4026757.62        0.08532                    260412.71
4026790.47        0.07940
         260427.26    4026823.33        0.07279                    260441.82
4026856.18        0.06589
         259715.72    4026205.24        0.02219                    259744.88
4026011.23        0.01485
         259778.98    4026024.19        0.01640                    259864.21
4026056.60        0.02116
         259898.31    4026069.56        0.02342                    259932.40
4026082.52        0.02588
         259966.50    4026095.49        0.02853                    260000.59
4026108.45        0.03136
         260034.68    4026121.41        0.03430                    260068.78
4026134.38        0.03728
         260102.87    4026147.34        0.04017                    260136.97
4026160.30        0.04291
         260171.06    4026173.26        0.04544                    260222.20
4026192.71        0.04879
         260341.53    4026238.08        0.05363                    260383.01
4026267.72        0.05534
         260397.79    4026301.06        0.05769                    260412.56
4026334.41        0.05967
         260427.33    4026367.76        0.06124                    260442.11
4026401.11        0.06238
         260456.88    4026434.46        0.06304                    260471.65
4026467.81        0.06318
         260486.43    4026501.16        0.06275                    260501.20
4026534.51        0.06170
         260515.98    4026567.86        0.06002                    260530.75
4026601.21        0.05773
         260545.52    4026634.56        0.05491                    260560.30
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4026801.30        0.03673
         260634.17    4026834.65        0.03331                       259709.35
4026005.34        0.01365
         259738.67    4025811.39        0.01015                       259773.09
4025824.48        0.01102
         259859.15    4025857.20        0.01370                       259893.58
4025870.29        0.01496
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         260065.69    4025935.73        0.02291                       260100.12
4025948.82        0.02479
         260134.54    4025961.91        0.02670                       260168.96
4025974.99        0.02859
         260341.08    4026040.43        0.03674                       260375.50
4026053.52        0.03794
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***       18:20:08

                                 PAGE  69
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                 INCLUDING SOURCE(S):     PHASE1      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         260409.93    4026066.61        0.03891                       260444.35
4026079.70        0.03964
         260478.78    4026092.79        0.04011                       260520.66
4026122.71        0.04110
         260535.57    4026156.38        0.04247                       260550.49
4026190.05        0.04360
         260565.41    4026223.72        0.04450                       260580.32
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4026324.74        0.04531
         260625.07    4026358.41        0.04494                    260639.99
4026392.08        0.04420
         260654.91    4026425.75        0.04312                    260669.82
4026459.43        0.04175
         260684.74    4026493.10        0.04008                    260699.66
4026526.77        0.03816
         260714.57    4026560.44        0.03604                    260729.49
4026594.11        0.03380
         260744.40    4026627.78        0.03151                    260759.32
4026661.45        0.02923
         260774.24    4026695.13        0.02702                    260789.15
4026728.80        0.02493
         260804.07    4026762.47        0.02299                    260818.99
4026796.14        0.02123
         260833.90    4026829.81        0.01962                    259702.97
4025805.44        0.00947
         259732.09    4025611.42        0.00754                    259766.12
4025624.36        0.00808
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         259919.23    4025682.57        0.01127                    259953.26
4025695.51        0.01213
         259987.28    4025708.44        0.01306                    260021.31
4025721.38        0.01407
         260055.33    4025734.32        0.01516                    260089.36
4025747.25        0.01630
         260123.38    4025760.19        0.01747                    260157.41
4025773.13        0.01868
         260208.45    4025792.53        0.02055                    260344.55
4025844.28        0.02548
         260378.57    4025857.22        0.02662                    260412.60
4025870.15        0.02767
         260446.62    4025883.09        0.02862                    260480.65
4025896.02        0.02944
         260514.67    4025908.96        0.03014                    260548.70
4025921.90        0.03071
         260582.72    4025934.83        0.03112                    260616.75
4025947.77        0.03139
         260658.15    4025977.35        0.03197                    260672.89
4026010.63        0.03284
         260687.63    4026043.91        0.03356                    260702.38
4026077.19        0.03410
         260717.12    4026110.48        0.03444                    260731.86
4026143.76        0.03460
         260746.61    4026177.04        0.03457                    260761.35
4026210.32        0.03435
         260776.10    4026243.60        0.03390                    260790.84
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4026343.45        0.03137
         260835.07    4026376.73        0.03019                       260849.82
4026410.01        0.02886
         260864.56    4026443.30        0.02744                       260879.30
4026476.58        0.02597
         260894.05    4026509.86        0.02451                       260908.79
4026543.14        0.02306
         260923.54    4026576.42        0.02165                       260938.28
4026609.71        0.02031
         260953.02    4026642.99        0.01902                       260967.77
4026676.27        0.01782
         260982.51    4026709.55        0.01673                       260997.26
4026742.83        0.01571
         261012.00    4026776.12        0.01474                       261026.74
4026809.40        0.01383
         261041.49    4026842.68        0.01296                       259696.59
4025605.54        0.00711
         259725.84    4025411.57        0.00592                       259760.11
4025424.60        0.00628
         259845.80    4025457.18        0.00736                       259880.07
4025470.21        0.00787
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE  70
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                  INCLUDING SOURCE(S):     PHASE1      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
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4025496.27        0.00899
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         260051.45    4025535.37        0.01095                       260085.72
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260870.03 4025999.93 0.02757 260884.89
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4026234.61 0.02464
260988.85 4026268.14 0.02373 261003.70
4026301.67 0.02273
261018.55 4026335.19 0.02168 261033.40
4026368.72 0.02063
261048.26 4026402.24 0.01960 261063.11
4026435.77 0.01860
261077.96 4026469.29 0.01763 261092.81
4026502.82 0.01670
261107.66 4026536.35 0.01584 261122.52
4026569.87 0.01503
261137.37 4026603.40 0.01426 261152.22
4026636.92 0.01351
261167.07 4026670.45 0.01280 261181.92
4026703.97 0.01213
261196.78 4026737.50 0.01149 261211.63
4026771.03 0.01086
261226.48 4026804.55 0.01025 261241.33
4026838.08 0.00968
259690.21 4025405.64 0.00564 259694.18

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4026882.65        1.17915
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4026857.65        0.80015
         259569.47    4026858.74        0.68353                        259544.63
4026859.28        0.60345
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4026860.91        0.29133
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4026832.12        0.60454
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         259691.45    4026756.05        0.31167                        259666.62
4026756.59        0.29362
         259641.78    4026757.13        0.27157                        259592.11
4026758.22        0.22047
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                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                  INCLUDING SOURCE(S):     PHASE1      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         259567.28    4026758.76        0.19253                        259542.45
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         259492.78    4026760.39        0.11732                        259467.95
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259443.11 4026761.48 0.08769 259690.36
4026706.06 0.20863
259665.52 4026706.60 0.19315 259591.02
4026708.23 0.14085
259566.19 4026708.77 0.12337 259491.69
4026710.40 0.08123
259466.85 4026710.95 0.07182 259689.26
4026656.07 0.14540
259639.60 4026657.16 0.12119 259614.76
4026657.70 0.10905
259589.93 4026658.24 0.09729 259515.43
4026659.87 0.06796
259490.59 4026660.41 0.06073 259663.34
4026606.63 0.09629
259638.50 4026607.17 0.08746 259613.67
4026607.71 0.07902
259539.17 4026609.34 0.05794 259514.34
4026609.88 0.05243
259439.84 4026611.51 0.04050 259636.32
4026507.19 0.05142
259611.49 4026507.74 0.04728 259586.65
4026508.28 0.04353
259561.82 4026508.82 0.04018 259487.32
4026510.45 0.03231
259462.48 4026510.99 0.03033 259634.13
4026407.22 0.03394
259609.30 4026407.76 0.03164 259584.47
4026408.30 0.02961
259559.63 4026408.85 0.02781 259534.80
4026409.39 0.02623
259435.47 4026411.56 0.02160 259631.95
4026307.24 0.02425
259607.12 4026307.78 0.02289 259582.28
4026308.33 0.02168
259557.45 4026308.87 0.02061 259532.61
4026309.41 0.01967
259507.78 4026309.96 0.01886 259482.95
4026310.50 0.01816
259458.11 4026311.04 0.01755 259433.28
4026311.58 0.01699
259679.43 4026206.18 0.02040 259654.60
4026206.72 0.01931
259629.76 4026207.27 0.01833 259604.93
4026207.81 0.01745
259580.10 4026208.35 0.01667 259555.26
4026208.89 0.01599
259530.43 4026209.44 0.01540 259675.06
4026006.23 0.01280
259650.23 4026006.77 0.01224 259625.39

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4026007.31        0.01174
         259600.56    4026007.86        0.01131                       259575.73
4026008.40        0.01093
         259550.89    4026008.94        0.01061                       259526.06
4026009.48        0.01034
         259670.69    4025806.28        0.00902                       259645.86
4025806.82        0.00869
         259621.02    4025807.36        0.00840                       259596.19
4025807.90        0.00815
         259571.36    4025808.45        0.00793                       259546.52
4025808.99        0.00775
         259521.69    4025809.53        0.00760                       259666.32
4025606.32        0.00684
         259641.49    4025606.87        0.00664                       259616.65
4025607.41        0.00646
         259591.82    4025607.95        0.00630                       259566.99
4025608.49        0.00617
         259542.15    4025609.04        0.00606                       259517.32
4025609.58        0.00597
         259661.95    4025406.37        0.00548                       259637.12
4025406.91        0.00535
         259612.29    4025407.46        0.00523                       259587.45
4025408.00        0.00513
         259562.62    4025408.54        0.00505                       259537.78
4025409.08        0.00497
         259512.95    4025409.63        0.00490                       259488.12
4025410.17        0.00485
↑ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE  72
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                 INCLUDING SOURCE(S):     PHASE1      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         259463.28    4025410.71        0.00480                       259438.45
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4025411.26        0.00476
         259413.62    4025411.80        0.00472                   259422.19
4026953.67        0.45431
         259422.99    4026995.42        0.51923                   259396.80
4026933.27        0.25501
         259397.59    4026975.02        0.31720                   259398.39
4027016.78        0.35235
         259409.77    4026851.82        0.14025                   259317.30
4026860.93        0.08347
         259331.22    4026825.36        0.07457                   259355.67
4026799.88        0.07287
         259296.82    4026935.18        0.10197                   259297.61
4026976.93        0.11689
         259298.41    4027018.68        0.12880                   259354.57
4026749.90        0.05629
         259389.55    4026734.53        0.05947                   259217.31
4026862.84        0.05439
         259231.23    4026827.26        0.05080                   259245.15
4026791.69        0.04677
         259259.07    4026756.11        0.04242                   259283.52
4026730.64        0.04098
         259370.97    4026692.23        0.04566                   259405.95
4026676.86        0.04769
         259196.83    4026937.09        0.06084                   259197.63
4026978.84        0.06654
         259198.43    4027020.59        0.07163                   259169.22
4026858.94        0.04552
         259184.41    4026820.13        0.04274                   259199.59
4026781.32        0.03964
         259214.78    4026742.51        0.03612                   259249.04
4026695.31        0.03283
         259287.20    4026678.55        0.03386                   259325.36
4026661.79        0.03529
         259401.68    4026628.27        0.03857                   259146.84
4026938.04        0.05002
         259147.64    4026979.79        0.05407                   259148.44
4027021.55        0.05793
         259213.78    4026609.86        0.02291                   259251.10
4026593.47        0.02328
         259288.41    4026577.09        0.02419                   259325.72
4026560.70        0.02545
         259363.03    4026544.31        0.02651                   258968.46
4026864.80        0.02688
         258983.11    4026827.35        0.02592                   258997.76
4026789.90        0.02500
         259012.42    4026752.45        0.02430                   259027.07
4026715.00        0.02341
         259041.72    4026677.55        0.02214                   259056.37
4026640.10        0.02055
         259071.02    4026602.65        0.01876                   259104.09
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4026557.11        0.01688
         259140.91    4026540.94        0.01678                        259177.73
4026524.76        0.01700
         259251.37    4026492.42        0.01817                        259288.19
4026476.25        0.01866
         259325.01    4026460.08        0.01948                        259361.83
4026443.90        0.02046
         259398.65    4026427.73        0.02106                        258946.88
4026941.86        0.02814
         258947.68    4026983.61        0.02962                        258948.47
4027025.36        0.03109
         259070.77    4026470.81        0.01301                        259108.93
4026454.05        0.01306
         259147.09    4026437.29        0.01338                        259185.25
4026420.53        0.01393
         259223.41    4026403.76        0.01446                        259299.72
4026370.24        0.01571
         259337.88    4026353.48        0.01625                        259376.04
4026336.72        0.01660
         258754.01    4026905.64        0.01892                        258769.00
4026867.32        0.01847
         258783.99    4026829.01        0.01799                        258798.98
4026790.69        0.01752
         258813.97    4026752.38        0.01706                        258828.96
4026714.06        0.01668
         258843.95    4026675.75        0.01636                        258858.94
4026637.43        0.01599
         258873.93    4026599.12        0.01549                        258888.92
4026560.80        0.01468
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE  73
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                 INCLUDING SOURCE(S):     PHASE1      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4026531.52        0.00986
         258518.38    4026493.34        0.00983                        258533.31
4026455.15        0.00975
         258548.25    4026416.97        0.00956                        258563.19
4026378.79        0.00922
         258578.13    4026340.61        0.00877                        258593.07
4026302.43        0.00823
         258608.00    4026264.25        0.00762                        258622.94
4026226.07        0.00705
         258637.88    4026187.88        0.00653                        258671.59
4026141.46        0.00596
         258709.13    4026124.97        0.00579                        258746.66
4026108.48        0.00569
         258821.74    4026075.51        0.00568                        258859.28
4026059.02        0.00578
         258896.82    4026042.53        0.00596                        258934.36
4026026.04        0.00618
         258971.90    4026009.56        0.00644                        259009.43
4025993.07        0.00672
         258346.99    4026953.30        0.01245                        258347.79
4026995.05        0.01260
         258348.58    4027036.81        0.01273                        258154.17
4026916.97        0.01043
         258169.25    4026878.43        0.01050                        258184.33
4026839.88        0.01036
         258199.40    4026801.34        0.01007                        258214.48
4026762.80        0.00971
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE  74
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                 INCLUDING SOURCE(S):     PHASE1      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
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Y-COORD (M)        CONC
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4026338.46        0.00704
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4026260.83        0.00702
         258227.58    4026222.02        0.00689                       258242.77
4026183.21        0.00674
         258257.95    4026144.40        0.00650                       258273.14
4026105.58        0.00616
         258288.32    4026066.77        0.00578                       258303.51
4026027.96        0.00539
         258318.69    4025989.14        0.00504                       258333.88
4025950.33        0.00471
         258349.06    4025911.52        0.00441                       258383.33
4025864.33        0.00410
         258421.49    4025847.57        0.00400                       258459.64
4025830.81        0.00393
         258497.80    4025814.05        0.00388                       258535.96
4025797.28        0.00386
         258574.12    4025780.52        0.00386                       258612.28
4025763.76        0.00390
         258650.44    4025747.00        0.00396                       258688.60
4025730.24        0.00407
         258726.76    4025713.48        0.00420                       258764.92
4025696.72        0.00436
         258803.07    4025679.96        0.00453                       258841.23
4025663.20        0.00471
         258879.39    4025646.44        0.00487                       258917.55
4025629.68        0.00500
         258955.71    4025612.92        0.00511                       258993.87
4025596.16        0.00518
         259032.03    4025579.40        0.00520                       259070.19
4025562.64        0.00519
         259108.35    4025545.88        0.00514                       259146.50
4025529.12        0.00509
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE  75
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                 INCLUDING SOURCE(S):     PHASE1      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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259337.30	4025445.32	0.00478	259375.46	4025428.56	0.00475
257947.06	4026960.93	0.00912	257947.86	4027002.69	0.00909
257948.65	4027044.44	0.00904	259440.80	4026786.83	0.10341
259379.45	4026788.79	0.07650	259436.01	4026636.90	0.04431
259432.81	4026536.95	0.03060	259426.43	4026337.06	0.01782
259420.04	4026137.16	0.01187	259379.14	4026138.47	0.01154
259413.66	4025937.26	0.00854	259372.76	4025938.57	0.00841
259407.27	4025737.36	0.00654	259366.37	4025738.67	0.00648
259400.88	4025537.46	0.00528	259359.98	4025538.77	0.00523
259359.62	4026838.10	0.09229	259400.71	4026338.79	0.01726
259330.90	4027040.02	0.17189	259334.08	4027080.58	0.18138
259338.10	4026995.92	0.16966	259305.97	4027041.98	0.14089
259309.16	4027082.54	0.14876	259338.57	4026970.92	0.15839
259282.64	4027064.21	0.12205	259285.83	4027104.77	0.12686
259320.38	4026953.78	0.12824	259259.31	4027086.45	0.10683
259219.74	4027011.60	0.07866	259233.19	4026973.40	0.07837
259206.28	4027049.81	0.07735	259209.47	4027090.37	0.08137
259176.62	4026996.42	0.06261	259156.43	4027053.73	0.06221
259159.62	4027094.29	0.06514	259113.32	4027038.54	0.05163
259126.77	4027000.33	0.05161	259192.54	4026858.76	0.04918
259267.22	4026827.36	0.05781	259108.18		

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4027077.92        0.05256
         259111.37    4027118.48        0.05464                       259090.38
4026966.04        0.04297
         259103.84    4026927.84        0.04230                       259117.29
4026889.63        0.04145
         259130.75    4026851.43        0.03980                       259156.15
4026824.47        0.03992
         259212.16    4026800.92        0.04374                       259268.17
4026777.37        0.04743
         259058.33    4027081.84        0.04449                       259061.52
4027122.40        0.04637
         258963.78    4027050.29        0.03304                       258977.23
4027012.08        0.03293
         258990.69    4026973.88        0.03259                       259004.15
4026935.67        0.03217
         259031.06    4026859.26        0.03053                       259044.51
4026821.05        0.02938
         259057.97    4026782.85        0.02811                       259083.37
4026755.89        0.02815
         259176.72    4026716.64        0.03055                       259214.06
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         258958.64    4027089.67        0.03385                       258961.83
4027130.23        0.03531
         258884.27    4027000.81        0.02637                       258897.72
4026962.61        0.02594
         258911.18    4026924.40        0.02553                       258924.64
4026886.19        0.02507
         258938.09    4026847.99        0.02450                       258951.55
4026809.78        0.02383
         258965.01    4026771.58        0.02302                       258978.46
4026733.37        0.02220
         259010.59    4026687.32        0.02160                       259066.60
4026663.76        0.02213
         259103.94    4026648.06        0.02216                       259141.27
4026632.36        0.02208
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE  76
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                 INCLUDING SOURCE(S):     PHASE1      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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258791.30	4026989.54	0.02208	258804.76	4026951.34	0.02164
258818.22	4026913.13	0.02118	258831.67	4026874.92	0.02066
258845.13	4026836.72	0.02017	258858.59	4026798.51	0.01957
258872.04	4026760.31	0.01897	258885.50	4026722.10	0.01847
258898.95	4026683.90	0.01805	258912.41	4026645.69	0.01748
258937.81	4026618.74	0.01720	259012.49	4026587.33	0.01715
259049.83	4026571.63	0.01687	258759.26	4027105.34	0.02273
258762.44	4027145.90	0.02341	258684.88	4027016.48	0.01899
258698.34	4026978.27	0.01886	258711.80	4026940.07	0.01855
258725.25	4026901.86	0.01807	258738.71	4026863.65	0.01759
258752.16	4026825.45	0.01707	258765.62	4026787.24	0.01654
258779.08	4026749.04	0.01610	258792.53	4026710.83	0.01574
258805.99	4026672.63	0.01545	258819.45	4026634.42	0.01516
258832.90	4026596.21	0.01480	258865.03	4026550.16	0.01414
258939.71	4026518.75	0.01374	258977.05	4026503.05	0.01337
258657.97	4027092.89	0.01911	258661.16	4027133.45	0.01959
258465.31	4027089.45	0.01478	258485.50	4027032.14	0.01468
258498.95	4026993.94	0.01465	258512.41	4026955.73	0.01454
258525.87	4026917.52	0.01440	258539.32	4026879.32	0.01411
258552.78	4026841.11	0.01372	258566.24		

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4026802.91        0.01322
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4026726.50        0.01236
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4026650.09        0.01187
         258633.52    4026611.88        0.01176                        258646.97
4026573.67        0.01170
         258660.43    4026535.47        0.01155                        258673.89
4026497.26        0.01130
         258687.34    4026459.06        0.01087                        258719.47
4026413.00        0.01020
         258775.48    4026389.45        0.00979                        258812.82
4026373.75        0.00945
         258850.15    4026358.04        0.00913                        258924.83
4026326.64        0.00867
         258962.17    4026310.94        0.00861                        258999.51
4026295.24        0.00869
         259036.85    4026279.54        0.00893                        259074.19
4026263.84        0.00928
         259167.54    4026224.58        0.01035                        259204.87
4026208.88        0.01074
         259242.21    4026193.18        0.01105                        259279.55
4026177.48        0.01128
         259316.89    4026161.77        0.01142                        259354.23
4026146.07        0.01147
         258460.18    4027128.83        0.01490                        258463.36
4027169.39        0.01509
         258265.93    4027105.12        0.01193                        258279.38
4027066.91        0.01199
         258292.84    4027028.70        0.01206                        258306.30
4026990.50        0.01211
         258319.75    4026952.29        0.01212                        258339.94
4026894.98        0.01207
         258353.39    4026856.78        0.01179                        258366.85
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         258380.31    4026780.37        0.01108                        258393.76
4026742.16        0.01066
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                  INCLUDING SOURCE(S):     PHASE1      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
258407.22	4026703.96	0.01022	258420.67	4026665.75	0.00985
258434.13	4026627.54	0.00958	258447.59	4026589.34	0.00945
258461.04	4026551.13	0.00944	258474.50	4026512.93	0.00946
258487.96	4026474.72	0.00945	258501.41	4026436.52	0.00938
258514.87	4026398.31	0.00920	258528.33	4026360.11	0.00890
258541.78	4026321.90	0.00848	258573.91	4026275.84	0.00782
258629.92	4026252.29	0.00742	258667.25	4026236.59	0.00714
258704.59	4026220.89	0.00688	258779.27	4026189.48	0.00646
258816.61	4026173.78	0.00638	258853.95	4026158.08	0.00637
258891.29	4026142.38	0.00646	258928.63	4026126.68	0.00663
259021.98	4026087.42	0.00729	259059.31	4026071.72	0.00760
259096.65	4026056.02	0.00790	259133.99	4026040.32	0.00816
259171.33	4026024.62	0.00835	259208.67	4026008.92	0.00848
259246.01	4025993.21	0.00855	259283.35	4025977.51	0.00856
259320.69	4025961.81	0.00853	258260.79	4027144.50	0.01202
258263.98	4027185.06	0.01217	258066.54	4027120.78	0.01002
258080.00	4027082.57	0.01005	258093.45	4027044.37	0.01015
258106.91	4027006.16	0.01023	258120.37	4026967.96	0.01025
258133.82	4026929.75	0.01026	258147.28	4026891.55	0.01036
258160.74	4026853.34	0.01031	258174.19	4026815.14	0.01007
258187.65	4026776.93	0.00969	258201.10		

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4026738.72        0.00937
         258214.56    4026700.52        0.00896                        258228.02
4026662.31        0.00856
         258241.47    4026624.11        0.00825                        258254.93
4026585.90        0.00801
         258268.39    4026547.70        0.00789                        258281.84
4026509.49        0.00787
         258295.30    4026471.28        0.00789                        258308.76
4026433.08        0.00793
         258322.21    4026394.87        0.00797                        258335.67
4026356.67        0.00795
         258349.12    4026318.46        0.00787                        258362.58
4026280.26        0.00769
         258376.04    4026242.05        0.00742                        258389.49
4026203.84        0.00705
         258402.95    4026165.64        0.00663                        258428.35
4026138.69        0.00629
         258503.02    4026107.28        0.00583                        258540.36
4026091.58        0.00559
         258577.70    4026075.88        0.00539                        258615.04
4026060.18        0.00523
         258652.38    4026044.48        0.00513                        258689.72
4026028.77        0.00506
         258727.06    4026013.07        0.00505                        258764.40
4025997.37        0.00508
         258801.74    4025981.67        0.00516                        258876.41
4025950.27        0.00548
         258913.75    4025934.56        0.00571                        258951.09
4025918.86        0.00596
         258988.43    4025903.16        0.00621                        259025.77
4025887.46        0.00643
         259063.11    4025871.76        0.00661                        259100.45
4025856.06        0.00674
         259137.79    4025840.35        0.00681                        259175.13
4025824.65        0.00681
         259212.47    4025808.95        0.00680                        259249.80
4025793.25        0.00675
         259287.14    4025777.55        0.00668                        259324.48
4025761.85        0.00660
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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                                 PAGE  78
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                 INCLUDING SOURCE(S):     PHASE1      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
258061.41	4027160.16	0.01004	258064.59	4027200.72	0.01019
257867.16	4027136.45	0.00853	257880.61	4027098.24	0.00856
257894.07	4027060.03	0.00867	257907.53	4027021.83	0.00880
257920.98	4026983.62	0.00895	258008.45	4026735.29	0.00854
258021.90	4026697.08	0.00819	258035.36	4026658.87	0.00782
258048.82	4026620.67	0.00749	258062.27	4026582.46	0.00719
258075.73	4026544.26	0.00693	258089.19	4026506.05	0.00677
258102.64	4026467.85	0.00670	258116.10	4026429.64	0.00669
258129.55	4026391.44	0.00674	258143.01	4026353.23	0.00682
258156.47	4026315.02	0.00688	258169.92	4026276.82	0.00689
258183.38	4026238.61	0.00681	258196.84	4026200.41	0.00670
258210.29	4026162.20	0.00656	258223.75	4026124.00	0.00631
258237.20	4026085.79	0.00601	258250.66	4026047.58	0.00567
258282.79	4026001.53	0.00522	258338.79	4025977.98	0.00492
258376.13	4025962.27	0.00473	258413.47	4025946.57	0.00457
258450.81	4025930.87	0.00443	258488.15	4025915.17	0.00432
258525.49	4025899.47	0.00425	258562.83	4025883.77	0.00420
258600.17	4025868.06	0.00419	258637.51	4025852.36	0.00420
258674.85	4025836.66	0.00424	258712.18	4025820.96	0.00433
258749.52	4025805.26	0.00445	258786.86		

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4025789.56        0.00460
         258824.20    4025773.85        0.00480                       258861.54
4025758.15        0.00500
         258898.88    4025742.45        0.00518                       258936.22
4025726.75        0.00536
         258973.56    4025711.05        0.00549                       259010.90
4025695.35        0.00560
         259048.24    4025679.64        0.00567                       259085.57
4025663.94        0.00568
         259122.91    4025648.24        0.00566                       259160.25
4025632.54        0.00562
         259197.59    4025616.84        0.00557                       259234.93
4025601.14        0.00549
         259272.27    4025585.44        0.00541                       259309.61
4025569.73        0.00535
         257862.02    4027175.83        0.00868                       257865.21
4027216.39        0.00885
         259335.94    4027123.45        0.18143                       259336.28
4027147.64        0.17730
         259336.62    4027171.84        0.17139                       259336.96
4027196.03        0.16359
         259337.30    4027220.23        0.15661                       259337.64
4027244.43        0.14970
         259337.98    4027268.62        0.14304                       259310.94
4027123.80        0.15010
         259311.28    4027147.99        0.14791                       259311.62
4027172.19        0.14428
         259311.96    4027196.39        0.14024                       259312.30
4027220.58        0.13564
         259312.64    4027244.78        0.13062                       259312.98
4027268.97        0.12564
         259286.29    4027148.35        0.12559                       259286.63
4027172.54        0.12386
         259286.97    4027196.74        0.12165                       259287.31
4027220.93        0.11858
         259287.65    4027245.13        0.11507                       259287.99
4027269.32        0.11121
         259260.95    4027124.50        0.10871                       259261.29
4027148.70        0.10843
         259261.63    4027172.89        0.10761                       259261.97
4027197.09        0.10636
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
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VALUES FOR SOURCE GROUP: PHASE1 ***
INCLUDING SOURCE(S): PHASE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
259262.31	4027221.28	0.10449	259262.65	4027245.48	0.10186
259262.99	4027269.68	0.09880	259210.95	4027125.20	0.08324
259211.29	4027149.40	0.08375	259211.63	4027173.59	0.08379
259211.97	4027197.79	0.08352	259212.31	4027221.99	0.08264
259212.65	4027246.18	0.08126	259212.99	4027270.38	0.07961
259160.96	4027125.91	0.06656	259161.30	4027150.10	0.06729
259161.64	4027174.30	0.06771	259161.98	4027198.49	0.06766
259162.32	4027222.69	0.06720	259162.66	4027246.88	0.06636
259163.00	4027271.08	0.06542	259111.30	4027150.80	0.05549
259111.64	4027175.00	0.05605	259111.98	4027199.20	0.05626
259112.32	4027223.39	0.05604	259112.66	4027247.59	0.05560
259113.00	4027271.78	0.05503	259061.31	4027151.51	0.04715
259061.65	4027175.70	0.04762	259061.99	4027199.90	0.04778
259062.33	4027224.09	0.04771	259062.67	4027248.29	0.04745
259063.01	4027272.49	0.04710	258961.32	4027152.91	0.03572
258961.66	4027177.11	0.03603	258962.00	4027201.30	0.03624
258962.34	4027225.50	0.03632	258962.68	4027249.69	0.03636
258963.02	4027273.89	0.03638	258861.33	4027154.32	0.02835
258861.67	4027178.51	0.02860	258862.01		

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4027202.71        0.02881
         258862.35    4027226.90        0.02904                        258862.69
4027251.10        0.02913
         258863.03    4027275.30        0.02920                        258761.68
4027179.92        0.02374
         258762.02    4027204.11        0.02389                        258762.36
4027228.31        0.02402
         258762.70    4027252.50        0.02415                        258763.04
4027276.70        0.02422
         258661.35    4027157.13        0.01981                        258661.69
4027181.32        0.01999
         258662.03    4027205.52        0.02014                        258662.37
4027229.71        0.02028
         258662.71    4027253.91        0.02049                        258663.05
4027278.11        0.02061
         258462.05    4027208.33        0.01516                        258462.39
4027232.52        0.01526
         258462.73    4027256.72        0.01543                        258463.07
4027280.92        0.01563
         258262.07    4027211.14        0.01222                        258262.41
4027235.33        0.01233
         258262.75    4027259.53        0.01246                        258263.09
4027283.73        0.01268
         258062.43    4027238.14        0.01034                        258062.77
4027262.34        0.01043
         258063.11    4027286.54        0.01053                        257862.45
4027240.95        0.00894
         257862.79    4027265.15        0.00906                        257863.13
4027289.35        0.00916
         259338.18    4027292.34        0.13697                        259338.38
4027316.19        0.13116
         259338.58    4027340.05        0.12513                        259313.18
4027292.55        0.12110
         259313.38    4027316.40        0.11663                        259313.58
4027340.26        0.11217
         259288.18    4027292.76        0.10723                        259288.38
4027316.61        0.10370
         259288.58    4027340.47        0.10053                        259263.18
4027292.96        0.09575
         259263.38    4027316.82        0.09288                        259263.58
4027340.68        0.09054
         259213.19    4027293.38        0.07796                        259213.39
4027317.24        0.07633
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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                                  PAGE  80
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE1 ***

INCLUDING SOURCE(S): PHASE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
259213.59	4027341.10	0.07473	259163.19	4027293.80	0.06459
259163.39	4027317.66	0.06379	259163.59	4027341.52	0.06292
259113.19	4027294.22	0.05444	259113.39	4027318.08	0.05383
259113.59	4027341.94	0.05328	259063.39	4027318.50	0.04634
259063.59	4027342.35	0.04602	258963.39	4027319.34	0.03628
258963.59	4027343.19	0.03612	258863.40	4027320.17	0.02931
258863.60	4027344.03	0.02935	258763.40	4027321.01	0.02433
258763.60	4027344.87	0.02436	258663.40	4027321.85	0.02078
258663.60	4027345.71	0.02090	258463.41	4027323.53	0.01597
258463.61	4027347.38	0.01610	258263.42	4027325.20	0.01304
258263.62	4027349.06	0.01319	258063.43	4027326.88	0.01075
258063.63	4027350.74	0.01085	257863.43	4027328.56	0.00931
257863.63	4027352.41	0.00941	259339.22	4027365.21	0.11883
259339.86	4027389.95	0.11250	259340.50	4027414.68	0.10620
259341.13	4027439.41	0.10007	259341.77	4027464.14	0.09419
259342.40	4027488.87	0.08862	259343.04	4027513.60	0.08341
259343.68	4027538.33	0.07855	259344.31	4027563.06	0.07398
259344.95	4027587.80	0.06984	259345.58		

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4027612.53        0.06597
         259346.22    4027637.26        0.06233                      259346.86
4027661.99        0.05894
         259347.49    4027686.72        0.05574                      259348.13
4027711.45        0.05271
         259314.23    4027365.86        0.10718                      259314.87
4027390.59        0.10203
         259315.50    4027415.32        0.09671                      259316.14
4027440.05        0.09154
         259316.78    4027464.78        0.08656                      259317.41
4027489.51        0.08189
         259318.05    4027514.24        0.07746                      259318.68
4027538.98        0.07328
         259319.32    4027563.71        0.06938                      259319.96
4027588.44        0.06573
         259320.59    4027613.17        0.06230                      259321.23
4027637.90        0.05912
         259321.86    4027662.63        0.05610                      259322.50
4027687.36        0.05323
         259323.14    4027712.10        0.05055                      259289.24
4027366.50        0.09670
         259289.88    4027391.23        0.09259                      259290.51
4027415.96        0.08820
         259291.15    4027440.69        0.08381                      259291.78
4027465.42        0.07974
         259292.42    4027490.16        0.07580                      259293.06
4027514.89        0.07202
         259293.69    4027539.62        0.06842                      259294.33
4027564.35        0.06499
         259294.96    4027589.08        0.06182                      259295.60
4027613.81        0.05883
         259296.24    4027638.54        0.05604                      259296.87
4027663.28        0.05338
         259297.51    4027688.01        0.05084                      259298.14
4027712.74        0.04843
         259264.25    4027367.14        0.08748                      259264.89
4027391.87        0.08416
         259265.52    4027416.60        0.08060                      259266.16
4027441.34        0.07691
         259266.79    4027466.07        0.07353                      259267.43
4027490.80        0.07026
         259268.07    4027515.53        0.06703                      259268.70
4027540.26        0.06391
         259269.34    4027564.99        0.06095                      259269.97
4027589.72        0.05818
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE1 ***

INCLUDING SOURCE(S): PHASE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
259270.61	4027614.46	0.05556	259271.25	4027639.19	0.05310
259271.88	4027663.92	0.05075	259272.52	4027688.65	0.04851
259273.15	4027713.38	0.04636	259214.27	4027368.43	0.07271
259214.90	4027393.16	0.07049	259215.54	4027417.89	0.06799
259216.17	4027442.62	0.06538	259216.81	4027467.35	0.06306
259217.45	4027492.08	0.06072	259218.08	4027516.82	0.05835
259218.72	4027541.55	0.05601	259219.35	4027566.28	0.05374
259219.99	4027591.01	0.05136	259220.63	4027615.74	0.04953
259221.26	4027640.47	0.04762	259221.90	4027665.20	0.04579
259222.53	4027689.93	0.04405	259223.17	4027714.67	0.04234
259164.28	4027369.71	0.06164	259164.92	4027394.44	0.06022
259165.55	4027419.18	0.05864	259166.19	4027443.91	0.05698
259166.83	4027468.64	0.05513	259167.46	4027493.37	0.05330
259168.10	4027518.10	0.05146	259168.73	4027542.83	0.04958
259169.37	4027567.56	0.04774	259170.01	4027592.29	0.04582
259170.64	4027617.03	0.04432	259171.28	4027641.76	0.04274
259171.91	4027666.49	0.04126	259172.55		

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4027691.22        0.03987
         259173.19    4027715.95        0.03855                     259114.30
4027371.00        0.05258
         259114.93    4027395.73        0.05185                     259115.57
4027420.46        0.05091
         259116.21    4027445.19        0.04978                     259116.84
4027469.92        0.04849
         259117.48    4027494.65        0.04715                     259118.11
4027519.39        0.04571
         259118.75    4027544.12        0.04422                     259119.39
4027568.85        0.04274
         259120.02    4027593.58        0.04133                     259120.66
4027618.31        0.03995
         259121.29    4027643.04        0.03860                     259121.93
4027667.77        0.03735
         259122.57    4027692.51        0.03620                     259123.20
4027717.24        0.03512
         259064.32    4027372.28        0.04557                     259064.95
4027397.02        0.04513
         259065.59    4027421.75        0.04451                     259066.22
4027446.48        0.04372
         259066.86    4027471.21        0.04281                     259067.50
4027495.94        0.04176
         259068.13    4027520.67        0.04066                     259068.77
4027545.40        0.03961
         259069.40    4027570.13        0.03857                     259070.04
4027594.87        0.03748
         259070.68    4027619.60        0.03630                     259071.31
4027644.33        0.03519
         259071.95    4027669.06        0.03415                     259072.58
4027693.79        0.03315
         259073.22    4027718.52        0.03220                     258964.35
4027374.85        0.03585
         258964.98    4027399.59        0.03555                     258965.62
4027424.32        0.03510
         258966.26    4027449.05        0.03451                     258966.89
4027473.78        0.03388
         258967.53    4027498.51        0.03328                     258968.16
4027523.24        0.03277
         258968.80    4027547.97        0.03225                     258969.44
4027572.71        0.03170
         258970.07    4027597.44        0.03112                     258970.71
4027622.17        0.03050
         258971.34    4027646.90        0.02983                     258971.98
4027671.63        0.02910
         258972.62    4027696.36        0.02835                     258973.25
4027721.09        0.02762
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE1 ***
INCLUDING SOURCE(S): PHASE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
258864.38	4027377.43	0.02931	258865.02	4027402.16	0.02916
258865.65	4027426.89	0.02887	258866.29	4027451.62	0.02852
258866.93	4027476.35	0.02813	258867.56	4027501.08	0.02769
258868.20	4027525.81	0.02730	258868.83	4027550.54	0.02686
258869.47	4027575.28	0.02641	258870.11	4027600.01	0.02598
258870.74	4027624.74	0.02559	258871.38	4027649.47	0.02520
258872.01	4027674.20	0.02484	258872.65	4027698.93	0.02444
258873.29	4027723.66	0.02403	258764.41	4027380.00	0.02447
258765.05	4027404.73	0.02448	258765.69	4027429.46	0.02436
258766.32	4027454.19	0.02417	258766.96	4027478.92	0.02394
258767.59	4027503.65	0.02368	258768.23	4027528.38	0.02336
258768.87	4027553.12	0.02301	258769.50	4027577.85	0.02266
258770.14	4027602.58	0.02230	258770.77	4027627.31	0.02194
258771.41	4027652.04	0.02160	258772.05	4027676.77	0.02136
258772.68	4027701.50	0.02110	258773.32	4027726.23	0.02085
258664.45	4027382.57	0.02102	258665.08		

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4027407.30        0.02100
         258665.72    4027432.03        0.02094                    258666.36
4027456.76        0.02084
         258666.99    4027481.49        0.02070                    258667.63
4027506.22        0.02055
         258668.26    4027530.95        0.02038                    258668.90
4027555.69        0.02021
         258669.54    4027580.42        0.01997                    258670.17
4027605.15        0.01968
         258670.81    4027629.88        0.01935                    258671.44
4027654.61        0.01900
         258672.08    4027679.34        0.01870                    258672.72
4027704.07        0.01846
         258673.35    4027728.81        0.01826                    258464.51
4027387.71        0.01629
         258465.15    4027412.44        0.01635                    258465.79
4027437.17        0.01633
         258466.42    4027461.90        0.01627                    258467.06
4027486.63        0.01621
         258467.69    4027511.37        0.01615                    258468.33
4027536.10        0.01607
         258468.97    4027560.83        0.01596                    258469.60
4027585.56        0.01583
         258470.24    4027610.29        0.01574                    258470.87
4027635.02        0.01561
         258471.51    4027659.75        0.01545                    258472.15
4027684.48        0.01528
         258472.78    4027709.22        0.01510                    258473.42
4027733.95        0.01490
         258264.58    4027392.85        0.01333                    258265.22
4027417.58        0.01334
         258265.85    4027442.31        0.01331                    258266.49
4027467.04        0.01329
         258267.12    4027491.78        0.01327                    258267.76
4027516.51        0.01321
         258268.40    4027541.24        0.01313                    258269.03
4027565.97        0.01306
         258269.67    4027590.70        0.01307                    258270.30
4027615.43        0.01306
         258270.94    4027640.16        0.01297                    258271.58
4027664.89        0.01290
         258272.21    4027689.63        0.01284                    258272.85
4027714.36        0.01274
         258273.48    4027739.09        0.01261                    258064.01
4027373.26        0.01096
         258064.65    4027397.99        0.01107                    258065.28
4027422.72        0.01116
         258065.92    4027447.45        0.01123                    258066.55
4027472.19        0.01129
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1 ***
INCLUDING SOURCE(S): PHASE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF OTHER IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
258067.19	4027496.92	0.01132	258067.83	4027521.65	0.01131
258068.46	4027546.38	0.01128	258069.10	4027571.11	0.01122
258069.73	4027595.84	0.01115	258070.37	4027620.57	0.01109
258071.01	4027645.30	0.01106	258071.64	4027670.04	0.01105
258072.28	4027694.77	0.01104	258072.91	4027719.50	0.01100
258073.55	4027744.23	0.01092	257864.08	4027378.40	0.00953
257864.71	4027403.13	0.00963	257865.35	4027427.86	0.00970
257865.98	4027452.60	0.00974	257866.62	4027477.33	0.00977
257867.26	4027502.06	0.00977	257867.89	4027526.79	0.00983
257868.53	4027551.52	0.00983	257869.16	4027576.25	0.00978
257869.80	4027600.98	0.00973	257870.44	4027625.72	0.00971
257871.07	4027650.45	0.00966	257871.71	4027675.18	0.00961
257872.34	4027699.91	0.00958	257872.98	4027724.64	0.00957
257873.62	4027749.37	0.00957	259373.56	4027735.81	0.05198
259396.16	4027735.41	0.05369	259418.75		

```
4027735.01        0.05540
         259441.35    4027734.61        0.05716                    259463.95
4027734.22        0.05863
         259486.54    4027733.82        0.05989                    259509.14
4027733.42        0.06107
         259531.74    4027733.02        0.06228                    259554.33
4027732.62        0.06353
         259576.93    4027732.23        0.06448                    259356.27
4027753.86        0.04880
         259396.60    4027760.40        0.05076                    259419.19
4027760.01        0.05222
         259441.79    4027759.61        0.05364                    259464.39
4027759.21        0.05487
         259486.98    4027758.81        0.05593                    259509.58
4027758.42        0.05690
         259532.18    4027758.02        0.05788                    259554.77
4027757.62        0.05893
         259577.37    4027757.22        0.05972                    259356.71
4027778.86        0.04640
         259313.55    4027747.57        0.04636                    259397.04
4027785.40        0.04803
         259419.63    4027785.00        0.04926                    259442.23
4027784.61        0.05039
         259464.83    4027784.21        0.05142                    259487.42
4027783.81        0.05229
         259510.02    4027783.41        0.05306                    259532.62
4027783.01        0.05383
         259555.21    4027782.62        0.05469                    259577.81
4027782.22        0.05539
         259357.15    4027803.85        0.04408                    259321.69
4027789.98        0.04327
         259296.26    4027765.62        0.04361                    259397.48
4027810.40        0.04544
         259420.07    4027810.00        0.04648                    259442.67
4027809.60        0.04745
         259465.27    4027809.20        0.04829                    259487.86
4027808.81        0.04898
         259510.46    4027808.41        0.04959                    259533.06
4027808.01        0.05015
         259555.65    4027807.61        0.05078                    259578.25
4027807.21        0.05143
         259358.03    4027853.85        0.03980                    259322.57
4027839.97        0.03939
         259287.11    4027826.09        0.03868                    259261.67
4027801.73        0.03893
         259246.27    4027766.91        0.04027                    259398.36
4027860.39        0.04075
         259420.95    4027859.99        0.04151                    259443.55
4027859.59        0.04221
         259466.15    4027859.20        0.04280                    259488.74
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE1   ***
                                   INCLUDING SOURCE(S):   PHASE1   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                            ** CONC OF OTHER   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

4027960.37 0.03321
259422.71 4027959.98 0.03368 259445.31
4027959.58 0.03411
259467.91 4027959.18 0.03449 259490.50
4027958.78 0.03478
259513.10 4027958.38 0.03506 259535.70
4027957.99 0.03531
259558.29 4027957.59 0.03551 259580.89
4027957.19 0.03569
259359.06 4028003.19 0.03011 259320.37
4027988.05 0.03010
259281.69 4027972.91 0.03008 259243.00
4027957.77 0.02973
259204.32 4027942.63 0.02911 259157.23
4027908.49 0.02892
259140.43 4027870.50 0.02964 259123.63
4027832.50 0.03030
259106.82 4027794.51 0.03102 259090.02
4027756.52 0.03163
259401.00 4028010.37 0.03044 259423.59
4028009.97 0.03079
259446.19 4028009.57 0.03110 259468.79
4028009.17 0.03137
259491.38 4028008.77 0.03161 259513.98
4028008.38 0.03181
259536.58 4028007.98 0.03197 259559.17
4028007.58 0.03207
259581.77 4028007.18 0.03211 259359.90
4028102.82 0.02565
259319.37 4028086.95 0.02579 259278.84
4028071.09 0.02578
259238.31 4028055.23 0.02568 259197.79
4028039.37 0.02541
259157.26 4028023.50 0.02497 259116.73
4028007.64 0.02439
259087.67 4027979.81 0.02446 259070.06
4027940.01 0.02507
259052.46 4027900.20 0.02554 259034.86
4027860.40 0.02595
259017.26 4027820.60 0.02642 258999.66
4027780.80 0.02692
259402.76 4028110.35 0.02574 259425.35
4028109.95 0.02596
259447.95 4028109.55 0.02616 259470.55
4028109.16 0.02633
259493.14 4028108.76 0.02647 259515.74
4028108.36 0.02659
259538.34 4028107.96 0.02665 259560.93
4028107.57 0.02667
259583.53 4028107.17 0.02668 259361.06

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                  INCLUDING SOURCE(S):   PHASE1   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         259235.90   4028153.58   0.02225   259194.18
4028137.25   0.02210
         259152.46   4028120.92   0.02192   259110.74
4028104.59   0.02173
         259069.02   4028088.27   0.02137   259018.25
4028051.45   0.02113
         259000.13   4028010.48   0.02157   258982.01
4027969.50   0.02193
         258963.89   4027928.53   0.02227   258945.77
4027887.56   0.02267
         258927.65   4027846.58   0.02307   258909.53
4027805.61   0.02350
         258891.41   4027764.64   0.02384   259404.52
4028210.33   0.02235
         259427.11   4028209.94   0.02249   259449.71
4028209.54   0.02259
         259472.31   4028209.14   0.02266   259494.90
4028208.74   0.02278
         259517.50   4028208.35   0.02278   259540.10
4028207.95   0.02275
         259562.69   4028207.55   0.02270   259585.29
4028207.15   0.02259
         259363.42   4028302.79   0.01968   259322.89
4028286.92   0.01981
         259282.36   4028271.06   0.01978   259241.83

4028255.20 0.01973
259201.31 4028239.34 0.01963 259160.78
4028223.47 0.01957
259120.25 4028207.61 0.01942 259079.72
4028191.75 0.01926
259039.20 4028175.89 0.01904 258998.67
4028160.02 0.01874
258949.34 4028124.26 0.01856 258931.74
4028084.46 0.01884
258914.14 4028044.66 0.01910 258896.53
4028004.85 0.01940
258878.93 4027965.05 0.01959 258861.33
4027925.25 0.01987
258843.73 4027885.45 0.02026 258826.13
4027845.64 0.02059
258808.52 4027805.84 0.02075 258790.92
4027766.04 0.02087
259406.28 4028310.32 0.01966 259428.87
4028309.92 0.01973
259451.47 4028309.52 0.01976 259474.07
4028309.13 0.01976
259496.66 4028308.73 0.01978 259519.26
4028308.33 0.01972
259541.86 4028307.93 0.01966 259564.45
4028307.53 0.01960
259587.05 4028307.14 0.01937 259364.75
4028402.61 0.01765
259323.38 4028386.41 0.01780 259282.01
4028370.22 0.01780
259240.64 4028354.03 0.01775 259199.27
4028337.83 0.01768
259157.90 4028321.64 0.01762 259116.52
4028305.45 0.01748
259075.15 4028289.26 0.01726 259033.78
4028273.06 0.01707
258992.41 4028256.87 0.01690 258951.04
4028240.68 0.01672
258909.67 4028224.48 0.01653 258880.00
4028196.07 0.01651
258862.03 4028155.44 0.01676 258844.06
4028114.81 0.01705
258826.09 4028074.18 0.01727 258808.12
4028033.54 0.01739
258790.15 4027992.91 0.01766 258772.18
4027952.28 0.01798
258754.21 4027911.65 0.01821 258736.24
4027871.02 0.01832
258718.27 4027830.39 0.01836 258700.30
4027789.75 0.01833
259408.04 4028410.30 0.01752 259430.63

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                  INCLUDING SOURCE(S):   PHASE1   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

```
4028138.39        0.01436
         258634.39    4028097.95        0.01443                  258616.51
4028057.50        0.01447
         258598.62    4028017.06        0.01458                  258580.73
4027976.61        0.01460
         258562.85    4027936.17        0.01457                  258544.96
4027895.73        0.01456
         258527.08    4027855.28        0.01458                  258509.19
4027814.84        0.01463
         258491.30    4027774.39        0.01475                  259411.56
4028610.27        0.01415
         259434.15    4028609.88        0.01413                  259456.75
4028609.48        0.01406
         259479.35    4028609.08        0.01397                  259501.94
4028608.68        0.01387
         259524.54    4028608.28        0.01380                  259547.14
4028607.89        0.01372
         259569.73    4028607.49        0.01365                  259592.33
4028607.09        0.01357
         259371.95    4028802.60        0.01197                  259330.89
4028786.53        0.01223
         259289.83    4028770.46        0.01247                  259248.77
4028754.39        0.01266
         259207.71    4028738.32        0.01278                  259166.65
4028722.25        0.01278
         259125.59    4028706.18        0.01272                  259084.53
4028690.11        0.01258
         259043.47    4028674.04        0.01239                  259002.40
4028657.96        0.01224
         258961.34    4028641.89        0.01206                  258920.28
4028625.82        0.01190
         258879.22    4028609.75        0.01178                  258838.16
4028593.68        0.01171
         258797.10    4028577.61        0.01165                  258756.04
4028561.54        0.01161
         258714.98    4028545.47        0.01161                  258673.92
4028529.39        0.01161
         258632.86    4028513.32        0.01159                  258603.41
4028485.13        0.01163
         258585.58    4028444.80        0.01175                  258567.74
4028404.47        0.01189
         258549.91    4028364.15        0.01197                  258532.08
4028323.82        0.01205
         258514.24    4028283.49        0.01211                  258496.41
4028243.17        0.01214
         258478.57    4028202.84        0.01212                  258460.74
4028162.51        0.01207
         258442.91    4028122.19        0.01206                  258425.07
4028081.86        0.01206
         258407.24    4028041.54        0.01208                  258389.40
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4028871.18        0.01109
         259018.82    4028862.98        0.01103                   258997.87
4028854.78        0.01095
         258976.91    4028846.58        0.01085                   258935.00
4028830.17        0.01067
         258914.05    4028821.97        0.01059                   258893.09
4028813.77        0.01051
         258872.14    4028805.57        0.01042                   258851.18
4028797.37        0.01034
         258809.27    4028780.96        0.01020                   258788.32
4028772.76        0.01015
         258767.37    4028764.56        0.01010                   258746.41
4028756.36        0.01004
         258704.50    4028739.96        0.00999                   258683.55
4028731.75        0.00998
         258662.59    4028723.55        0.00998                   258641.64
4028715.35        0.00997
         258599.73    4028698.95        0.01000                   258578.77
4028690.75        0.01002
         258557.82    4028682.55        0.01003                   258536.87
4028674.34        0.01003
         258494.96    4028657.94        0.01009                   258464.90
4028629.16        0.01019
         258455.80    4028608.58        0.01025                   258437.60
4028567.42        0.01037
         258428.50    4028546.84        0.01041                   258410.29
4028505.68        0.01046
         258401.19    4028485.10        0.01047                   258382.99
4028443.94        0.01048
         258373.89    4028423.36        0.01047                   258355.69
4028382.20        0.01044
         258346.59    4028361.62        0.01042                   258328.38
4028320.46        0.01037
         258310.18    4028279.30        0.01033                   258291.98
4028238.14        0.01031
         258282.88    4028217.56        0.01031                   258264.67
4028176.40        0.01030
         258255.57    4028155.83        0.01032                   258237.37
4028114.67        0.01037
         258228.27    4028094.09        0.01040                   258210.07
4028052.93        0.01048
         258200.97    4028032.35        0.01053                   258182.76
4027991.19        0.01063
         258173.66    4027970.61        0.01069                   258155.46
4027929.45        0.01079
         258146.36    4027908.87        0.01083                   258128.16
4027867.71        0.01091
         258109.95    4027826.55        0.01093                   258091.75
4027785.39        0.01093
         259418.60    4029010.21        0.01006                   259441.19
```

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                  INCLUDING SOURCE(S):   PHASE1   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         259336.94   4029186.08   0.00915   259295.22
4029169.76   0.00931
         259253.50   4029153.43   0.00947   259211.78
4029137.10   0.00965
         259170.06   4029120.77   0.00977   259128.34
4029104.44   0.00986
         259086.63   4029088.11   0.00991   259044.91
4029071.78   0.00993
         259003.19   4029055.45   0.00990   258961.47
4029039.12   0.00981
         258919.75   4029022.79   0.00969   258878.03
4029006.47   0.00957
         258836.31   4028990.14   0.00939   258794.59
4028973.81   0.00921
         258752.87   4028957.48   0.00907   258711.15
4028941.15   0.00892
         258669.43   4028924.82   0.00879   258627.71
4028908.49   0.00874
         258585.99   4028892.16   0.00871   258544.27

```
4028875.83        0.00874
         258502.55    4028859.51        0.00882                  258460.83
4028843.18        0.00892
         258419.12    4028826.85        0.00892                  258377.40
4028810.52        0.00900
         258326.62    4028773.70        0.00908                  258308.50
4028732.73        0.00923
         258290.38    4028691.76        0.00927                  258272.26
4028650.78        0.00929
         258254.14    4028609.81        0.00930                  258236.02
4028568.84        0.00922
         258217.90    4028527.86        0.00915                  258199.78
4028486.89        0.00905
         258181.66    4028445.92        0.00898                  258163.54
4028404.94        0.00896
         258145.42    4028363.97        0.00897                  258127.30
4028323.00        0.00898
         258109.18    4028282.02        0.00899                  258091.06
4028241.05        0.00902
         258072.94    4028200.08        0.00908                  258054.82
4028159.10        0.00917
         258036.70    4028118.13        0.00928                  258018.58
4028077.16        0.00940
         258000.46    4028036.18        0.00946                  257982.34
4027995.21        0.00951
         257964.22    4027954.24        0.00956                  257946.10
4027913.26        0.00959
         257927.98    4027872.29        0.00962                  257909.86
4027831.32        0.00963
         257891.74    4027790.35        0.00962                  259422.12
4029210.18        0.00882
         259444.71    4029209.78        0.00877                  259467.31
4029209.38        0.00871
         259489.91    4029208.99        0.00865                  259512.50
4029208.59        0.00861
         259535.10    4029208.19        0.00856                  259557.70
4029207.79        0.00851
         259580.29    4029207.40        0.00845                  259602.89
4029207.00        0.00840
         259621.33    4027730.68        0.06582                  259665.29
4027729.15        0.06619
         259709.26    4027727.61        0.06550                  259600.22
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         259644.18    4027754.90        0.06092                  259688.15
4027753.36        0.06058
         259732.11    4027751.83        0.05939                  259601.09
4027781.42        0.05593
         259645.05    4027779.88        0.05633                  259689.02
4027778.35        0.05588
         259732.99    4027776.81        0.05478                  259601.96
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4027803.33        0.05178
         259733.86    4027801.80        0.05070                       259603.70
4027856.37        0.04525
         259647.67    4027854.84        0.04541                       259691.64
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4027903.27        0.03949
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE  89
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                  INCLUDING SOURCE(S):     PHASE1      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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         259656.39    4028104.69        0.02639                       259700.35
4028103.15        0.02595
         259744.32    4028101.62        0.02528                       259615.91
4028206.16        0.02228
         259659.88    4028204.62        0.02184                       259703.84
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4028406.04        0.01682
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         259754.78    4028401.43        0.01620                    259629.86
4028605.92        0.01343
         259673.83    4028604.38        0.01326                    259717.79
4028602.85        0.01305
         259761.76    4028601.31        0.01285                    259636.84
4028805.79        0.01116
         259680.80    4028804.26        0.01105                    259724.77
4028802.73        0.01091
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4029005.67        0.00951
         259687.78    4029004.14        0.00944                    259731.74
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         259775.71    4029001.07        0.00926                    259628.80
4029206.32        0.00835
         259672.77    4029204.78        0.00828                    259716.74
4029203.25        0.00820
         259760.70    4029201.71        0.00812                    259755.00
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4027720.44        0.05720
         259871.30    4027719.16        0.05508                    259894.56
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         259756.37    4027750.51        0.05836                    259779.63
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         259849.41    4027745.40        0.05223                    259872.67
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4027799.16        0.04863
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1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE  90
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                  INCLUDING SOURCE(S):     PHASE1      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
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4027947.65        0.03158
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         259883.64    4027943.82        0.02885                       259906.90
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         259770.08    4028000.13        0.02998                       259793.34
4027998.85        0.02929
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259845.34 4028096.15 0.02304 259868.60
4028094.87 0.02241
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4028092.32 0.02111
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4028198.55 0.02032
259827.56 4028197.28 0.01994 259850.82
4028196.00 0.01956
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4028292.02 0.01593
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259919.27 4028592.84 0.01209 259942.53
4028591.57 0.01189
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4028792.54 0.01029
259953.50 4028791.27 0.01018 259801.64
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259824.90 4028998.63 0.00920 259848.16
4028997.35 0.00913
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4028994.80 0.00907
259917.94 4028993.52 0.00902 259941.20

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4029191.94        0.00789
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4027716.72        0.04845
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4027715.52        0.04371
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4027714.33        0.03915
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE  91
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                  INCLUDING SOURCE(S):     PHASE1      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
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4027739.92        0.03835
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         260078.57    4027738.13        0.03252                       260101.58
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4027836.90        0.02335
         260150.20    4027836.31        0.02236                   260173.21
4027835.71        0.02150
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4027891.06        0.02850
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4027889.87        0.02634
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4027886.29        0.02028
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 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE  92
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                 INCLUDING SOURCE(S):     PHASE1      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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         260187.46    4028385.52        0.01020                    259985.55
4028590.83        0.01143
         260008.56    4028590.23        0.01115                    260031.57
4028589.63        0.01086
         260054.58    4028589.04        0.01056                    260077.59
4028588.44        0.01025
         260100.61    4028587.84        0.00994                    260123.62
4028587.25        0.00961
         260146.63    4028586.65        0.00930                    260169.64
4028586.05        0.00899
         260192.65    4028585.46        0.00870                    259990.74
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4029189.43   0.00759

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                  INCLUDING SOURCE(S):   PHASE1   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
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         260208.71    4027745.13        0.02393                   260245.34
4027673.65        0.02570
         260262.96    4027705.74        0.02322                   260250.72
4027731.86        0.02270
         260225.17    4027763.53        0.02249                   260198.54
4027774.63        0.02304
         260270.28    4027675.38        0.02417                   260312.40
4027710.13        0.02081
         260299.29    4027738.12        0.02044                   260286.18
4027766.11        0.02009
         260258.80    4027800.04        0.02007                   260230.27
4027811.93        0.02054
         260201.74    4027823.82        0.02099                   260320.16
4027678.84        0.02136
         260362.04    4027714.11        0.01868                   260348.44
4027743.14        0.01838
         260334.84    4027772.16        0.01814                   260321.24
4027801.19        0.01800
         260292.85    4027836.38        0.01799                   260263.26
4027848.71        0.01839
         260233.68    4027861.03        0.01874                   260204.09
4027873.36        0.01909
         260370.04    4027682.30        0.01913                   260411.77
4027717.90        0.01694
         260397.86    4027747.59        0.01692                   260383.95
4027777.27        0.01670
         260370.04    4027806.96        0.01641                   260356.13
4027836.64        0.01625
         260327.10    4027872.63        0.01627                   260296.84
4027885.24        0.01663
         260266.58    4027897.85        0.01690                   260236.32
4027910.46        0.01714
         260206.06    4027923.07        0.01741                   260419.92
4027685.76        0.01707
         260461.54    4027721.59        0.01544                   260447.42
4027751.73        0.01548
         260433.30    4027781.87        0.01537                   260419.17
4027812.01        0.01517
         260405.05    4027842.16        0.01500                   260390.93
4027872.30        0.01486
         260361.44    4027908.84        0.01480                   260330.72
4027921.64        0.01514
         260300.00    4027934.45        0.01534                   260269.27
4027947.25        0.01554
         260238.55    4027960.05        0.01578                   260207.82
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4027972.86        0.01608
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4027728.81        0.01268
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4027790.27        0.01301
         260517.96    4027821.00        0.01301                       260503.57
4027851.73        0.01290
         260489.17    4027882.47        0.01270                       260474.77
4027913.20        0.01249
         260460.37    4027943.93        0.01234                       260430.31
4027981.19        0.01241
         260398.98    4027994.25        0.01276                       260367.65
4028007.30        0.01299
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4028033.41        0.01318
         260273.67    4028046.46        0.01334                       260242.34
4028059.52        0.01360
         260211.02    4028072.57        0.01392                       260569.56
4027696.14        0.01250
         260660.84    4027735.91        0.01040                       260646.27
4027767.01        0.01070
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***       18:20:08

                                 PAGE  94
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                 INCLUDING SOURCE(S):     PHASE1      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
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4027829.20        0.01117
         260602.55    4027860.30        0.01120                       260587.98
4027891.40        0.01116
         260573.41    4027922.50        0.01103                       260558.84
4027953.60        0.01089
         260544.27    4027984.69        0.01084                       260529.70
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4028119.54 0.01147
260309.08 4028132.75 0.01159 260277.38
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         261001.94    4027887.24        0.00630                        260987.45
4027918.18        0.00660
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                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                  INCLUDING SOURCE(S):     PHASE1      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
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4028473.77 0.00763
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4028526.33 0.00783
260303.02 4028539.47 0.00793 260271.48
4028552.61 0.00808
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4027808.73 0.00406
261230.10 4027839.96 0.00414 261215.46
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4027933.66 0.00488
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4028130.74        0.00504
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4028192.49        0.00523
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         261111.82    4028532.08        0.00498                   261097.36
4028562.95        0.00498
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         261021.23    4028644.37        0.00498                   260989.76
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         260958.29    4028670.59        0.00501                   260926.82
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4028736.16        0.00546
         260769.47    4028749.28        0.00556                   260738.00
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         260517.71    4028854.19        0.00559                   260486.24
4028867.30        0.00555
         260454.77    4028880.41        0.00556                   260423.30
4028893.53        0.00562
         260391.83    4028906.64        0.00574                   260360.37
4028919.75        0.00591
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4028945.98        0.00634
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4028613.66        0.00432
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                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                 INCLUDING SOURCE(S):     PHASE1      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4028894.64        0.00480
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4028921.06        0.00504
         260810.50    4028934.27        0.00512                    260778.80
4028947.48        0.00516
         260747.10    4028960.69        0.00518                    260715.40
4028973.90        0.00516
         260683.70    4028987.11        0.00510                    260652.00
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4027319.73        0.05710
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE  98
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                  INCLUDING SOURCE(S):     PHASE1      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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         260268.00    4027517.68        0.02971                        260267.58
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         260267.16    4027467.98        0.03166                        260266.74
4027443.13        0.03261
         260266.32    4027418.28        0.03386                        260265.90
4027393.43        0.03559
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4027343.73        0.04020
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4027294.04        0.04715
         260263.81    4027269.19        0.05185                        260263.39
4027244.34        0.05755
         260262.97    4027219.49        0.06416                        260262.56
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 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE  99
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                 INCLUDING SOURCE(S):     PHASE1      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
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Y-COORD (M)        CONC
 - - -
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4027515.16        0.01823
         260417.56    4027490.31        0.01848                       260417.14
4027465.46        0.01882
         260416.72    4027440.61        0.01930                       260416.30
4027415.76        0.01985
         260415.88    4027390.91        0.02051                       260415.46
4027366.06        0.02134
         260415.05    4027341.21        0.02241                       260414.63
4027316.36        0.02375
         260414.21    4027291.51        0.02528                       260413.79
4027266.66        0.02702
         260413.37    4027241.81        0.02906                       260412.95
4027216.96        0.03136
         260412.54    4027192.11        0.03390                       260412.12
4027167.26        0.03667
         260411.70    4027142.41        0.03960                       260411.28
4027117.57        0.04266
         260410.86    4027092.72        0.04587                       260410.44
4027067.87        0.04921
         260410.02    4027043.02        0.05264                       260409.61
4027018.17        0.05613
         260409.19    4026993.32        0.05966                       260408.77
4026968.47        0.06316
         260408.35    4026943.62        0.06656                       260407.93
4026918.77        0.06977
         260407.51    4026893.92        0.07270                       260470.48
4027663.41        0.01544
         260470.06    4027638.56        0.01551                       260469.64
4027613.71        0.01558
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                  INCLUDING SOURCE(S):     PHASE1      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260469.22	4027588.86	0.01561	260468.80	4027564.01	0.01564
260468.39	4027539.16	0.01571	260467.97	4027514.31	0.01583
260467.55	4027489.46	0.01602	260467.13	4027464.61	0.01630
260466.71	4027439.77	0.01668	260466.29	4027414.92	0.01716
260465.88	4027390.07	0.01772	260465.46	4027365.22	0.01844
260465.04	4027340.37	0.01936	260464.62	4027315.52	0.02048
260464.20	4027290.67	0.02173	260463.78	4027265.82	0.02311
260463.36	4027240.97	0.02469	260462.95	4027216.12	0.02643
260462.53	4027191.27	0.02833	260462.11	4027166.42	0.03036
260461.69	4027141.57	0.03249	260461.27	4027116.72	0.03475
260460.85	4027091.87	0.03714	260460.44	4027067.03	0.03962
260570.46	4027661.73	0.01236	260570.04	4027636.88	0.01228
260569.63	4027612.03	0.01222	260569.21	4027587.18	0.01219
260568.79	4027562.33	0.01216	260568.37	4027537.48	0.01217
260567.95	4027512.63	0.01224	260567.53	4027487.78	0.01240
260567.12	4027462.93	0.01264	260566.70	4027438.08	0.01296
260566.28	4027413.23	0.01338	260565.86	4027388.38	0.01391
260565.44	4027363.53	0.01457	260565.02	4027338.68	0.01534
260564.61	4027313.84	0.01619	260564.19	4027288.99	0.01706
260563.77	4027264.14	0.01793	260563.35	4027239.29	0.01887
260562.93	4027214.44	0.01985	260562.51	4027189.59	0.02093
260562.10	4027164.74	0.02212	260561.68	4027139.89	0.02340
260561.26	4027115.04	0.02475	260560.84		

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4027090.19        0.02617
         260560.42    4027065.34        0.02765                        260560.00
4027040.49        0.02920
         260559.59    4027015.64        0.03080                        260559.17
4026990.79        0.03245
         260558.75    4026965.94        0.03416                        260558.33
4026941.09        0.03590
         260557.91    4026916.25        0.03764                        260557.49
4026891.40        0.03938
         260670.45    4027660.04        0.00995                        260670.03
4027635.19        0.00985
         260669.61    4027610.34        0.00975                        260669.19
4027585.49        0.00967
         260668.78    4027560.65        0.00968                        260668.36
4027535.80        0.00974
         260667.94    4027510.95        0.00987                        260667.52
4027486.10        0.01008
         260667.10    4027461.25        0.01036                        260666.68
4027436.40        0.01072
         260666.27    4027411.55        0.01114                        260665.85
4027386.70        0.01162
         260665.43    4027361.85        0.01218                        260665.01
4027337.00        0.01279
         260664.59    4027312.15        0.01341                        260664.17
4027287.30        0.01402
         260663.75    4027262.45        0.01461                        260663.34
4027237.60        0.01519
         260662.92    4027212.75        0.01580                        260662.50
4027187.90        0.01646
         260662.08    4027163.06        0.01718                        260661.66
4027138.21        0.01797
         260661.24    4027113.36        0.01885                        260660.83
4027088.51        0.01977
         260660.41    4027063.66        0.02074                        260769.98
4027675.57        0.00809
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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                                 PAGE 101
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                 INCLUDING SOURCE(S):     PHASE1      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260770.02	4027633.51	0.00791	260769.60	4027608.66	0.00786
260769.18	4027583.81	0.00788	260768.76	4027558.96	0.00798
260768.34	4027534.11	0.00815	260767.92	4027509.26	0.00838
260767.51	4027484.41	0.00865	260767.09	4027459.56	0.00896
260766.67	4027434.72	0.00931	260766.25	4027409.87	0.00969
260765.83	4027385.02	0.01009	260765.41	4027360.17	0.01052
260765.00	4027335.32	0.01096	260764.58	4027310.47	0.01140
260764.16	4027285.62	0.01185	260763.74	4027260.77	0.01227
260763.32	4027235.92	0.01266	260762.90	4027211.07	0.01306
260762.49	4027186.22	0.01348	260762.07	4027161.37	0.01394
260761.65	4027136.52	0.01440	260761.23	4027111.67	0.01498
260760.81	4027086.82	0.01566	260760.39	4027061.97	0.01631
260759.98	4027037.13	0.01702	260759.56	4027012.28	0.01777
260759.14	4026987.43	0.01853	260758.72	4026962.58	0.01929
260758.30	4026937.73	0.02007	260757.88	4026912.88	0.02089
260757.46	4026888.03	0.02171	260869.89	4027676.75	0.00667
260870.00	4027631.83	0.00662	260869.58	4027606.98	0.00667
260869.17	4027582.13	0.00678	260868.75	4027557.28	0.00696
260868.33	4027532.43	0.00719	260867.91	4027507.58	0.00745
260867.49	4027482.73	0.00773	260867.07	4027457.88	0.00802
260866.66	4027433.03	0.00831	260866.24	4027408.18	0.00862
260865.82	4027383.33	0.00897	260865.40		

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4027358.48        0.00932
         260864.98    4027333.63        0.00964                        260864.56
4027308.78        0.00998
         260864.14    4027283.94        0.01029                        260863.73
4027259.09        0.01053
         260863.31    4027234.24        0.01078                        260862.89
4027209.39        0.01110
         260862.47    4027184.54        0.01138                        260862.05
4027159.69        0.01169
         260861.63    4027134.84        0.01204                        260861.22
4027109.99        0.01243
         260860.80    4027085.14        0.01288                        260860.38
4027060.29        0.01336
         261069.89    4027672.67        0.00511                        261069.97
4027628.46        0.00536
         261069.56    4027603.61        0.00555                        261069.14
4027578.76        0.00575
         261068.72    4027553.91        0.00598                        261068.30
4027529.06        0.00618
         261067.88    4027504.21        0.00641                        261067.46
4027479.36        0.00660
         261067.05    4027454.51        0.00677                        261066.63
4027429.66        0.00694
         261066.21    4027404.82        0.00711                        261065.79
4027379.97        0.00730
         261065.37    4027355.12        0.00752                        261064.95
4027330.27        0.00769
         261064.54    4027305.42        0.00783                        261064.12
4027280.57        0.00794
         261063.70    4027255.72        0.00808                        261063.28
4027230.87        0.00827
         261062.86    4027206.02        0.00846                        261062.44
4027181.17        0.00863
         261062.02    4027156.32        0.00880                        261061.61
4027131.47        0.00896
         261061.19    4027106.62        0.00911                        261060.77
4027081.77        0.00938
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 102
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                  INCLUDING SOURCE(S):     PHASE1      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
261060.35	4027056.92	0.00968	261269.74	4027673.60	0.00450
261269.12	4027697.26	0.00436	261268.50	4027720.92	0.00424
261270.36	4027649.94	0.00465	261269.95	4027625.09	0.00481
261269.53	4027600.24	0.00500	261269.11	4027575.39	0.00519
261268.69	4027550.54	0.00538	261268.27	4027525.70	0.00546
261267.85	4027500.85	0.00552	261267.44	4027476.00	0.00564
261267.02	4027451.15	0.00582	261266.60	4027426.30	0.00595
261266.18	4027401.45	0.00601	261265.76	4027376.60	0.00609
261265.34	4027351.75	0.00620	261264.93	4027326.90	0.00638
261264.51	4027302.05	0.00653	261264.09	4027277.20	0.00663
261263.67	4027252.35	0.00669	261263.25	4027227.50	0.00673
261262.83	4027202.65	0.00680	261262.41	4027177.80	0.00693
261262.00	4027152.95	0.00705	261261.58	4027128.11	0.00716
261261.16	4027103.26	0.00729	261260.74	4027078.41	0.00743
261260.32	4027053.56	0.00758	261469.75	4027668.94	0.00427
261468.58	4027713.68	0.00399	261470.34	4027646.58	0.00440
261469.92	4027621.73	0.00450	261469.50	4027596.88	0.00465
261469.08	4027572.03	0.00472	261468.66	4027547.18	0.00479
261468.24	4027522.33	0.00487	261467.83	4027497.48	0.00496
261467.41	4027472.63	0.00505	261466.99	4027447.78	0.00510
261466.57	4027422.93	0.00515	261466.15		

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4027398.08        0.00522
         261465.73    4027373.23        0.00530                       261465.32
4027348.38        0.00538
         261464.90    4027323.53        0.00546                       261464.48
4027298.68        0.00554
         261464.06    4027273.83        0.00561                       261463.64
4027248.99        0.00568
         261463.22    4027224.14        0.00574                       261462.80
4027199.29        0.00582
         261462.39    4027174.44        0.00589                       261461.97
4027149.59        0.00593
         261461.55    4027124.74        0.00599                       261461.13
4027099.89        0.00606
         261460.71    4027075.04        0.00617                       261460.29
4027050.19        0.00628
         261459.88    4027025.34        0.00636                       261459.46
4027000.49        0.00647
         261459.04    4026975.64        0.00660                       261458.62
4026950.79        0.00674
         261458.20    4026925.94        0.00689                       261457.78
4026901.09        0.00705
         261457.37    4026876.25        0.00723                       261669.74
4027664.72        0.00401
         261668.62    4027707.73        0.00381                       261669.89
4027618.36        0.00420
         261669.47    4027593.51        0.00426                       261669.05
4027568.66        0.00433
         261668.63    4027543.81        0.00438                       261668.22
4027518.96        0.00443
         261667.80    4027494.11        0.00446                       261667.38
4027469.26        0.00449
         261666.96    4027444.41        0.00454                       261666.54
4027419.56        0.00458
         261666.12    4027394.71        0.00461                       261665.71
4027369.87        0.00465
         261665.29    4027345.02        0.00470                       261664.87
4027320.17        0.00474
         261664.45    4027295.32        0.00481                       261664.03
4027270.47        0.00487
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 103
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                 INCLUDING SOURCE(S):     PHASE1      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
261663.61	4027245.62	0.00494	261663.19	4027220.77	0.00500
261662.78	4027195.92	0.00506	261662.36	4027171.07	0.00512
261661.94	4027146.22	0.00517	261661.52	4027121.37	0.00524
261661.10	4027096.52	0.00530	261660.68	4027071.67	0.00535
261660.27	4027046.82	0.00540	261659.85	4027021.97	0.00546
261659.43	4026997.12	0.00552	261659.01	4026972.28	0.00558
261658.59	4026947.43	0.00566	261658.17	4026922.58	0.00574
261657.76	4026897.73	0.00583	261657.34	4026872.88	0.00596
260288.10	4026826.13	0.13081	260294.23	4026848.07	0.12748
260300.37	4026870.01	0.12325	260348.08	4026861.01	0.09924
260374.46	4026775.74	0.09275	260380.66	4026797.90	0.08976
260386.85	4026820.06	0.08632	260393.05	4026842.22	0.08253
260399.25	4026864.38	0.07845	260420.80	4026761.83	0.07834
260504.00	4026700.14	0.06058	260510.29	4026722.64	0.05843
260516.59	4026745.14	0.05608	260522.88	4026767.64	0.05358
260529.17	4026790.14	0.05098	260535.47	4026812.64	0.04834
260541.76	4026835.14	0.04571	260548.05	4026857.65	0.04312
260590.35	4026649.71	0.04774	260596.64	4026672.21	0.04606
260602.94	4026694.71	0.04426	260609.23	4026717.21	0.04239
260615.52	4026739.71	0.04045	260626.01		

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4026777.21        0.03721
         260648.04    4026855.96        0.03087                        260676.70
4026599.27        0.03873
         260682.99    4026621.77        0.03741                        260689.29
4026644.27        0.03601
         260695.58    4026666.77        0.03458                        260701.87
4026689.27        0.03313
         260708.17    4026711.78        0.03167                        260714.46
4026734.28        0.03022
         260720.75    4026756.78        0.02881                        260727.05
4026779.28        0.02745
         260733.34    4026801.78        0.02615                        260739.63
4026824.28        0.02490
         260745.93    4026846.78        0.02372                        260763.05
4026548.84        0.03218
         260769.34    4026571.34        0.03113                        260775.64
4026593.84        0.03004
         260781.93    4026616.34        0.02893                        260788.22
4026638.84        0.02781
         260794.52    4026661.34        0.02670                        260800.81
4026683.84        0.02560
         260807.10    4026706.34        0.02452                        260813.40
4026728.84        0.02347
         260825.98    4026773.84        0.02150                        260846.96
4026848.84        0.01858
         260935.75    4026447.97        0.02355                        260942.04
4026470.47        0.02286
         260948.34    4026492.97        0.02215                        260954.63
4026515.47        0.02146
         260960.92    4026537.97        0.02077                        260967.22
4026560.47        0.02009
         260973.51    4026582.97        0.01942                        260979.80
4026605.47        0.01875
         260986.10    4026627.97        0.01811                        260992.39
4026650.47        0.01749
         260998.68    4026672.97        0.01689                        261004.98
4026695.47        0.01630
         261011.27    4026717.98        0.01574                        261019.66
4026747.98        0.01501
         261108.46    4026347.13        0.01835                        261114.80
4026369.78        0.01785
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
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VALUES FOR SOURCE GROUP: PHASE1 ***
INCLUDING SOURCE(S): PHASE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
261121.13	4026392.44	0.01736	261127.47	4026415.10	0.01689
261133.81	4026437.76	0.01642	261140.15	4026460.42	0.01597
261146.48	4026483.08	0.01553	261152.82	4026505.74	0.01510
261159.16	4026528.40	0.01469	261165.50	4026551.06	0.01428
261171.84	4026573.72	0.01388	261178.17	4026596.37	0.01346
261184.51	4026619.03	0.01306	261190.85	4026641.69	0.01267
261197.19	4026664.35	0.01229	261203.52	4026687.01	0.01192
261209.86	4026709.67	0.01157	261219.37	4026743.66	0.01106
261281.16	4026246.25	0.01492	261287.49	4026268.89	0.01455
261293.82	4026291.52	0.01419	261300.15	4026314.16	0.01384
261306.48	4026336.79	0.01351	261312.81	4026359.42	0.01321
261319.14	4026382.06	0.01291	261325.47	4026404.69	0.01262
261331.80	4026427.33	0.01233	261338.13	4026449.96	0.01205
261344.47	4026472.60	0.01176	261350.80	4026495.23	0.01150
261357.13	4026517.87	0.01125	261363.46	4026540.50	0.01100
261369.79	4026563.14	0.01075	261376.12	4026585.77	0.01051
261382.45	4026608.40	0.01024	261388.78	4026631.04	0.00996
261395.11	4026653.67	0.00970	261401.44	4026676.31	0.00941
261407.77	4026698.94	0.00913	261414.10		

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4026721.58        0.00885
         261420.44    4026744.21        0.00859                       261426.77
4026766.85        0.00834
         261433.10    4026789.48        0.00810                       261439.43
4026812.11        0.00787
         261445.76    4026834.75        0.00764                       261453.86
4026145.38        0.01258
         261460.18    4026168.00        0.01232                       261466.51
4026190.61        0.01207
         261472.83    4026213.23        0.01181                       261479.16
4026235.85        0.01157
         261485.49    4026258.46        0.01135                       261491.81
4026281.08        0.01112
         261498.14    4026303.70        0.01090                       261504.46
4026326.31        0.01068
         261510.79    4026348.93        0.01047                       261517.11
4026371.55        0.01026
         261523.44    4026394.16        0.01006                       261529.77
4026416.78        0.00985
         261536.09    4026439.39        0.00964                       261542.42
4026462.01        0.00944
         261548.74    4026484.63        0.00926                       261555.07
4026507.24        0.00910
         261561.40    4026529.86        0.00892                       261567.72
4026552.48        0.00873
         261574.05    4026575.09        0.00852                       261580.37
4026597.71        0.00832
         261586.70    4026620.33        0.00812                       261593.02
4026642.94        0.00790
         261599.35    4026665.56        0.00768                       261605.68
4026688.18        0.00747
         261612.00    4026710.79        0.00725                       261618.33
4026733.41        0.00704
         261624.65    4026756.03        0.00685                       261630.98
4026778.64        0.00666
         261637.31    4026801.26        0.00648                       261643.63
4026823.88        0.00630
         261649.96    4026846.49        0.00613                       260178.22
4026852.86        0.21087
         260186.13    4026829.14        0.19708                       260206.65
4026845.81        0.18608
         260187.19    4026799.87        0.18685                       260223.53
4026769.10        0.15828
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 105
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE1 ***

INCLUDING SOURCE(S): PHASE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260244.05	4026785.76	0.15111	260264.57	4026802.43	0.14230
260226.11	4026710.93	0.14300	260248.00	4026728.70	0.13874
260299.44	4026710.19	0.11692	260321.04	4026727.73	0.11101
260342.64	4026745.27	0.10414	260257.58	4026615.93	0.11352
260278.99	4026633.32	0.11167	260300.41	4026650.70	0.10893
260321.82	4026668.09	0.10526	260343.24	4026685.48	0.10069
260333.14	4026556.74	0.08998	260355.03	4026574.51	0.08797
260376.92	4026592.29	0.08533	260398.81	4026610.06	0.08212
260420.70	4026627.83	0.07835	260442.59	4026645.61	0.07410
260464.49	4026663.38	0.06950	260486.38	4026681.15	0.06468
260320.88	4026426.24	0.07572	260342.49	4026443.78	0.07577
260364.09	4026461.32	0.07533	260385.69	4026478.86	0.07442
260407.30	4026496.40	0.07305	260428.90	4026513.94	0.07125
260450.50	4026531.48	0.06903	260472.11	4026549.02	0.06642
260572.92	4026630.87	0.05080	260352.60	4026331.45	0.06285
260374.49	4026349.23	0.06338	260396.39	4026367.00	0.06351
260483.95	4026438.10	0.06036	260505.84	4026455.87	0.05872
260527.73	4026473.64	0.05677	260549.62		

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4026491.42        0.05455
         260571.51    4026509.19        0.05210                       260593.40
4026526.96        0.04948
         260615.30    4026544.74        0.04674                       260637.19
4026562.51        0.04393
         260659.08    4026580.28        0.04111                       260384.16
4026236.53        0.05250
         260405.84    4026254.14        0.05332                       260427.53
4026271.74        0.05386
         260449.21    4026289.35        0.05411                       260470.90
4026306.95        0.05404
         260492.58    4026324.56        0.05367                       260514.26
4026342.17        0.05301
         260535.95    4026359.77        0.05210                       260557.63
4026377.38        0.05093
         260579.32    4026394.98        0.04953                       260601.00
4026412.59        0.04789
         260622.69    4026430.19        0.04607                       260644.37
4026447.80        0.04410
         260709.42    4026500.62        0.03772                       260731.11
4026518.22        0.03550
         260447.42    4026046.81        0.03755                       260469.15
4026064.45        0.03850
         260505.36    4026093.85        0.03978                       260548.82
4026129.14        0.04070
         260570.55    4026146.78        0.04087                       260592.28
4026164.42        0.04086
         260614.01    4026182.07        0.04066                       260635.74
4026199.71        0.04026
         260657.47    4026217.35        0.03969                       260679.20
4026235.00        0.03896
         260700.93    4026252.64        0.03811                       260722.66
4026270.28        0.03710
         260744.39    4026287.92        0.03597                       260766.12
4026305.57        0.03473
         260860.29    4026382.02        0.02864                       260882.02
4026399.66        0.02717
         260903.75    4026417.30        0.02570                       260510.67
4025857.08        0.02784
         260532.43    4025874.74        0.02866                       260554.19
4025892.41        0.02942
         260575.95    4025910.08        0.03011                       260699.25
4026010.19        0.03225
         260721.01    4026027.85        0.03223                       260742.77
4026045.52        0.03208
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE1 ***

INCLUDING SOURCE(S): PHASE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260764.53	4026063.19	0.03180	260786.29	4026080.85	0.03140
260808.05	4026098.52	0.03088	260829.81	4026116.18	0.03030
260851.57	4026133.85	0.02967	260873.32	4026151.52	0.02891
260895.08	4026169.18	0.02808	260916.84	4026186.85	0.02720
261011.13	4026263.40	0.02287	261032.89	4026281.07	0.02182
261054.65	4026298.74	0.02079	261076.41	4026316.40	0.01980
260573.93	4025667.35	0.02144	260595.71	4025685.03	0.02209
260617.48	4025702.71	0.02272	260639.26	4025720.39	0.02330
260661.04	4025738.08	0.02385	260769.94	4025826.49	0.02597
260849.80	4025891.33	0.02629	260871.58	4025909.01	0.02617
260893.36	4025926.69	0.02597	260915.13	4025944.38	0.02571
260936.91	4025962.06	0.02538	260958.69	4025979.74	0.02497
260980.47	4025997.43	0.02450	261002.25	4026015.11	0.02397
261024.03	4026032.79	0.02342	261045.81	4026050.47	0.02280
261067.59	4026068.16	0.02214	261089.37	4026085.84	0.02145
261111.15	4026103.52	0.02072	261132.93	4026121.20	0.01996
261154.71	4026138.89	0.01920	261176.49		

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4026156.57        0.01843
         261198.26    4026174.25        0.01766                       261220.04
4026191.94        0.01692
         261241.82    4026209.62        0.01620                       261263.60
4026227.30        0.01551
         260637.18    4025477.61        0.01702                       260658.97
4025495.31        0.01754
         260680.76    4025513.00        0.01805                       260702.56
4025530.70        0.01855
         260724.35    4025548.39        0.01904                       260746.15
4025566.09        0.01950
         260767.94    4025583.78        0.01993                       260789.73
4025601.48        0.02034
         260811.53    4025619.17        0.02071                       260833.32
4025636.87        0.02105
         260855.12    4025654.56        0.02135                       260876.91
4025672.26        0.02161
         260898.71    4025689.95        0.02183                       260920.50
4025707.65        0.02197
         260942.29    4025725.34        0.02203                       260964.09
4025743.04        0.02203
         260985.88    4025760.73        0.02197                       261007.68
4025778.43        0.02186
         261029.47    4025796.12        0.02171                       261051.26
4025813.82        0.02155
         261073.06    4025831.51        0.02133                       261094.85
4025849.21        0.02105
         261116.65    4025866.90        0.02073                       261138.44
4025884.59        0.02035
         261160.23    4025902.29        0.01994                       261182.03
4025919.98        0.01948
         261203.82    4025937.68        0.01898                       261225.62
4025955.37        0.01846
         261247.41    4025973.07        0.01791                       261269.20
4025990.76        0.01735
         261291.00    4026008.46        0.01678                       261312.79
4026026.15        0.01619
         261334.59    4026043.85        0.01560                       261356.38
4026061.54        0.01502
         261378.18    4026079.24        0.01445                       261399.97
4026096.93        0.01389
         261421.76    4026114.63        0.01336                       259786.65
4026922.81        1.11422
         259785.22    4026946.18        1.19483                       259786.24
4026967.32        1.25231
         259787.46    4026993.13        1.39024                       259786.85
4027016.70        1.64558
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE2A ***
INCLUDING SOURCE(S): PHASE2A ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260122.88	4026867.29	0.08457	260099.69	4026867.81	0.08600
260076.51	4026868.33	0.08787	260053.32	4026868.85	0.08962
260030.13	4026869.37	0.09092	260006.94	4026869.89	0.09259
259983.76	4026870.42	0.09515	259960.57	4026870.94	0.09867
260145.51	4026841.77	0.07899	260122.32	4026842.29	0.08035
260099.13	4026842.82	0.08179	260075.94	4026843.34	0.08343
260052.76	4026843.86	0.08511	260029.57	4026844.38	0.08643
260006.38	4026844.90	0.08821	259983.19	4026845.42	0.09122
259960.01	4026845.94	0.09473	260157.65	4026818.69	0.07468
260121.76	4026817.30	0.07638	260098.57	4026817.82	0.07776
260075.38	4026818.34	0.07938	260052.19	4026818.86	0.08106
260029.01	4026819.39	0.08285	260005.82	4026819.91	0.08460
259982.63	4026820.43	0.08750	259959.44	4026820.95	0.09025
260161.32	4026794.34	0.07099	260121.20	4026792.31	0.07277
260098.01	4026792.83	0.07415	260074.82	4026793.35	0.07569
260051.63	4026793.87	0.07732	260028.45		

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4026794.39        0.07911
         260005.26    4026794.91        0.08086                     259982.07
4026795.43        0.08336
         259958.88    4026795.96        0.08584                     260160.19
4026744.35        0.06471
         260120.07    4026742.32        0.06639                     260096.88
4026742.84        0.06767
         260073.70    4026743.36        0.06901                     260050.51
4026743.88        0.07034
         260027.32    4026744.40        0.07166                     260004.13
4026744.93        0.07333
         259980.95    4026745.45        0.07506                     259957.76
4026745.97        0.07739
         260164.72    4026695.21        0.05902                     260187.30
4026698.62        0.05848
         260142.14    4026691.81        0.05934                     260118.95
4026692.33        0.06023
         260095.76    4026692.85        0.06141                     260072.57
4026693.37        0.06306
         260049.39    4026693.90        0.06414                     260026.20
4026694.42        0.06500
         260003.01    4026694.94        0.06604                     259979.82
4026695.46        0.06729
         259956.64    4026695.98        0.06861                     260162.18
4026645.01        0.05410
         260204.52    4026651.40        0.05310                     260117.82
4026642.34        0.05552
         260094.64    4026642.87        0.05658                     260071.45
4026643.39        0.05753
         260048.26    4026643.91        0.05843                     260025.07
4026644.43        0.05934
         260001.89    4026644.95        0.06021                     259978.70
4026645.47        0.06093
         259955.51    4026645.99        0.06158                     260160.21
4026594.90        0.05013
         260200.85    4026601.03        0.04947                     260116.70
4026592.36        0.05105
         260093.51    4026592.88        0.05153                     260070.33
4026593.40        0.05216
         260047.14    4026593.92        0.05293                     260023.95
4026594.44        0.05353
         260000.76    4026594.96        0.05408                     259977.58
4026595.48        0.05442
         259954.39    4026596.01        0.05449                     260160.22
4026495.27        0.04220
         260182.80    4026498.67        0.04214                     260205.38
4026502.07        0.04204
         260227.96    4026505.48        0.04189                     260250.54
4026508.88        0.04169
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A ***
                                 INCLUDING SOURCE(S):   PHASE2A   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         260137.64   4026491.86   0.04219   260114.45
4026492.38   0.04246
         260091.27   4026492.90   0.04268   260068.08
4026493.42   0.04284
         260044.89   4026493.95   0.04265   260021.70
4026494.47   0.04271
         259998.52   4026494.99   0.04273   259975.33
4026495.51   0.04258
         259952.14   4026496.03   0.04224   260156.56
4026395.08   0.03519
         260198.90   4026401.46   0.03549   260241.24
4026407.84   0.03561
         260283.58   4026414.23   0.03557   260112.21
4026392.41   0.03493
         260089.02   4026392.93   0.03483   260065.83
4026393.45   0.03468
         260042.64   4026393.97   0.03445   260019.46
4026394.49   0.03416
         259996.27   4026395.01   0.03380   259973.08
4026395.54   0.03336
         259949.89   4026396.06   0.03249   260155.73
4026295.32   0.02910
         260178.31   4026298.72   0.02950   260200.89
4026302.12   0.02979
         260223.47   4026305.53   0.03003   260246.05
4026308.93   0.03022
         260268.63   4026312.34   0.03035   260291.21
4026315.74   0.03045
         260313.79   4026319.15   0.03050   260133.15

4026291.91 0.02869
260109.96 4026292.43 0.02849 260086.77
4026292.95 0.02822
260063.58 4026293.48 0.02789 260040.40
4026294.00 0.02751
260017.21 4026294.52 0.02709 259994.02
4026295.04 0.02662
259970.83 4026295.56 0.02609 259947.65
4026296.08 0.02552
260152.45 4026195.19 0.02388 260195.56
4026201.69 0.02484
260238.67 4026208.18 0.02547 260281.77
4026214.68 0.02593
260324.88 4026221.18 0.02625 260107.71
4026192.46 0.02315
260084.52 4026192.98 0.02290 260061.34
4026193.50 0.02251
260038.15 4026194.02 0.02208 260014.96
4026194.54 0.02162
259991.77 4026195.06 0.02112 259968.59
4026195.59 0.02060
259945.40 4026196.11 0.01994 260148.18
4025995.27 0.01637
260191.72 4026001.84 0.01725 260235.27
4026008.40 0.01810
260278.82 4026014.97 0.01875 260322.37
4026021.53 0.01931
260365.91 4026028.10 0.01960 260409.46
4026034.66 0.01994
260103.22 4025992.51 0.01559 260080.03
4025993.03 0.01538
260056.84 4025993.55 0.01506 260033.65
4025994.07 0.01468
260010.47 4025994.59 0.01430 259987.28
4025995.11 0.01391
259964.09 4025995.64 0.01351 259940.90
4025996.16 0.01311
260143.82 4025795.34 0.01178 260187.66
4025801.95 0.01242
260231.49 4025808.56 0.01305 260275.32
4025815.17 0.01364
260319.15 4025821.78 0.01424 260362.98
4025828.38 0.01477
260406.82 4025834.99 0.01525 260450.65
4025841.60 0.01564
260098.72 4025792.56 0.01113 260075.53
4025793.08 0.01089
260052.35 4025793.60 0.01065 260029.16
4025794.12 0.01036
260005.97 4025794.64 0.01007 259982.78

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE2A ***
                                   INCLUDING SOURCE(S):   PHASE2A   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                            ** CONC OF OTHER   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
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4025442.09        0.00927
         260488.44    4025448.75        0.00964                    260532.61
4025455.41        0.01005
         260576.79    4025462.07        0.01039                    260089.73
4025392.66        0.00653
         260066.54    4025393.18        0.00635                    260043.36
4025393.70        0.00618
         260020.17    4025394.22        0.00605                    259996.98
4025394.75        0.00593
         259973.79    4025395.27        0.00580                    259950.61
4025395.79        0.00567
         259927.42    4025396.31        0.00554                    259936.53
4026919.72        0.11237
         259936.93    4026943.08        0.11825                    259937.33
4026966.44        0.12440
         259937.73    4026989.80        0.13096                    259938.13
4027013.16        0.13932
         259918.11    4026879.03        0.10783                    259911.54
4026920.14        0.11791
         259911.93    4026943.51        0.12385                    259912.33
4026966.87        0.13031
         259912.73    4026990.23        0.13714                    259913.13
4027013.59        0.14541
         259893.11    4026879.46        0.11260                    259924.52
4026836.29        0.09782
         259886.54    4026920.57        0.12343                    259886.94
4026943.93        0.13002
         259887.34    4026967.29        0.13646                    259887.73
4026990.66        0.14275
         259888.13    4027014.02        0.15064                    259868.12
4026879.88        0.11780
         259882.06    4026844.38        0.10626                    259906.50
4026818.96        0.09675
         259861.54    4026921.00        0.12989                    259861.94
4026944.36        0.13626
         259862.34    4026967.72        0.14288                    259862.74
4026991.08        0.14974
         259863.14    4027014.44        0.15619                    259819.52
4026877.19        0.12729
         259827.89    4026855.88        0.11876                    259836.25
4026834.58        0.11134
         259844.62    4026813.28        0.10394                    259873.94
4026782.78        0.09246
         259894.90    4026773.58        0.08802                    259915.85
4026764.37        0.08404
         259936.80    4026755.17        0.08067                    259811.55
4026921.85        0.14666
         259811.95    4026945.21        0.15476                    259812.35
4026968.57        0.16253
         259812.75    4026991.93        0.16858                    259813.14
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4026642.02        0.06276
         259870.57    4026632.82        0.06104                   259891.53
4026623.61        0.05911
         259912.48    4026614.41        0.05749                   259933.43
4026605.21        0.05596
         259569.16    4026882.46        0.17485                   259585.09
4026841.89        0.13298
         259601.03    4026801.31        0.10288                   259616.97
4026760.74        0.08390
         259632.91    4026720.17        0.07124                   259648.85
4026679.59        0.06033
         259664.78    4026639.02        0.05120                   259692.71
4026609.97        0.04810
         259732.62    4026592.44        0.04829                   259772.53
4026574.91        0.04758
         259812.45    4026557.38        0.04643                   259852.36
4026539.85        0.04535
         259892.27    4026522.32        0.04418                   259485.81
4026841.80        0.09771
         259502.22    4026800.04        0.07446                   259518.63
4026758.27        0.06099
         259535.03    4026716.50        0.05274                   259543.24
4026695.62        0.04889
         259559.64    4026653.85        0.04178                   259576.05
4026612.08        0.03603
         259592.46    4026570.32        0.03217                   259621.20
4026540.41        0.03061
         259662.29    4026522.37        0.03175                   259703.37
4026504.32        0.03289
         259744.46    4026486.28        0.03356                   259785.55
4026468.23        0.03389
         259826.63    4026450.19        0.03388                   259867.72
4026432.14        0.03368
         259888.26    4026423.12        0.03351                   259377.95
4026863.56        0.05938
         259386.32    4026842.26        0.05367                   259394.69
4026820.95        0.04840
         259403.05    4026799.65        0.04445                   259411.42
4026778.35        0.04129
         259419.79    4026757.05        0.03843                   259428.16
4026735.75        0.03574
         259436.52    4026714.45        0.03334                   259444.89
4026693.15        0.03141
         259453.26    4026671.84        0.02976                   259461.63
4026650.54        0.02822
         259469.99    4026629.24        0.02690                   259478.36
4026607.94        0.02556
         259486.73    4026586.64        0.02435                   259495.10
4026565.34        0.02323
         259503.46    4026544.04        0.02222                   259511.83
```

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A ***
                                  INCLUDING SOURCE(S):   PHASE2A   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

```
4026843.03        0.03573
         259295.19    4026821.42        0.03354                   259303.67
4026799.81        0.03146
         259312.16    4026778.20        0.02952                   259320.65
4026756.59        0.02772
         259329.14    4026734.98        0.02589                   259337.63
4026713.37        0.02420
         259346.12    4026691.76        0.02272                   259354.61
4026670.15        0.02147
         259363.10    4026648.54        0.02040                   259371.58
4026626.93        0.01943
         259380.07    4026605.32        0.01856                   259388.56
4026583.71        0.01787
         259397.05    4026562.10        0.01719                   259405.54
4026540.49        0.01653
         259414.03    4026518.88        0.01583                   259422.52
4026497.27        0.01523
         259431.00    4026475.66        0.01470                   259439.49
4026454.05        0.01421
         259447.98    4026432.44        0.01369                   259477.73
4026401.50        0.01361
         259498.99    4026392.16        0.01407                   259520.24
4026382.83        0.01458
         259541.50    4026373.49        0.01502                   259562.76
4026364.15        0.01539
         259584.02    4026354.82        0.01581                   259605.27
4026345.48        0.01617
         259626.53    4026336.15        0.01652                   259647.79
4026326.81        0.01688
         259669.05    4026317.47        0.01724                   259690.31
4026308.14        0.01757
         259711.56    4026298.80        0.01792                   259732.82
4026289.47        0.01823
         259754.08    4026280.13        0.01848                   259775.34
4026270.79        0.01871
         259796.59    4026261.46        0.01890                   259817.85
4026252.12        0.01898
         259839.11    4026242.79        0.01915                   259860.37
4026233.45        0.01939
         259881.62    4026224.11        0.01961                   259902.88
4026214.78        0.01971
         259924.14    4026205.44        0.01980                   259261.63
4026931.23        0.05113
         259262.03    4026954.59        0.05922                   259262.43
4026977.95        0.06945
         259262.83    4027001.31        0.08197                   259263.22
4027024.67        0.09677
         259263.62    4027048.03        0.11332                   259069.63
4026889.97        0.02321
         259078.00    4026868.67        0.02161                   259086.36
```

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A ***
                                INCLUDING SOURCE(S):   PHASE2A   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

```
4026253.83        0.00836
         259375.14    4026244.63        0.00841                    259396.10
4026235.42        0.00848
         259417.05    4026226.22        0.00857                    259438.01
4026217.02        0.00871
         259458.96    4026207.82        0.00886                    259479.91
4026198.61        0.00902
         259500.87    4026189.41        0.00918                    259521.82
4026180.21        0.00938
         259542.78    4026171.01        0.00960                    259563.73
4026161.80        0.00985
         259584.68    4026152.60        0.01008                    259605.64
4026143.40        0.01034
         259626.59    4026134.20        0.01059                    259647.55
4026124.99        0.01079
         259668.50    4026115.79        0.01098                    259689.45
4026106.59        0.01116
         259710.41    4026097.39        0.01134                    259731.36
4026088.18        0.01151
         259752.32    4026078.98        0.01169                    259773.27
4026069.78        0.01186
         259794.23    4026060.58        0.01202                    259815.18
4026051.37        0.01218
         259836.13    4026042.17        0.01234                    259857.09
4026032.97        0.01250
         259878.04    4026023.77        0.01266                    259899.00
4026014.56        0.01281
         259919.95    4026005.36        0.01296                    259061.66
4026934.64        0.02716
         259062.06    4026958.00        0.02928                    259062.46
4026981.36        0.03144
         259062.85    4027004.72        0.03367                    259063.25
4027028.08        0.03592
         259063.65    4027051.44        0.03818                    258869.81
4026892.99        0.01675
         258878.33    4026871.29        0.01649                    258886.86
4026849.60        0.01602
         258895.38    4026827.90        0.01546                    258903.90
4026806.20        0.01474
         258912.42    4026784.51        0.01396                    258920.95
4026762.81        0.01320
         258929.47    4026741.12        0.01243                    258937.99
4026719.42        0.01172
         258946.51    4026697.73        0.01106                    258955.04
4026676.03        0.01052
         258963.56    4026654.33        0.01007                    258972.08
4026632.64        0.00972
         258980.60    4026610.94        0.00943                    258989.12
4026589.25        0.00921
         258997.65    4026567.55        0.00901                    259006.17
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4026545.85        0.00886
         259014.69    4026524.16        0.00876                       259023.21
4026502.46        0.00866
         259031.74    4026480.77        0.00854                       259040.26
4026459.07        0.00841
         259048.78    4026437.38        0.00827                       259057.30
4026415.68        0.00814
         259065.83    4026393.98        0.00801                       259074.35
4026372.29        0.00785
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                   PAGE 113
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A  ***
                                   INCLUDING SOURCE(S):     PHASE2A     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         259082.87    4026350.59        0.00768                       259091.39
4026328.90        0.00750
         259099.92    4026307.20        0.00734                       259108.44
4026285.51        0.00719
         259116.96    4026263.81        0.00705                       259125.48
4026242.11        0.00689
         259134.00    4026220.42        0.00671                       259142.53
4026198.72        0.00655
         259151.05    4026177.03        0.00641                       259159.57
4026155.33        0.00630
         259189.44    4026124.26        0.00623                       259210.78
4026114.89        0.00623
         259232.12    4026105.52        0.00624                       259253.46
4026096.14        0.00624
         259274.80    4026086.77        0.00626                       259296.15
4026077.40        0.00627
         259317.49    4026068.02        0.00629                       259338.83
4026058.65        0.00631
         259360.17    4026049.28        0.00631                       259381.51
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4026039.91        0.00633
         259402.86    4026030.53        0.00638                    259424.20
4026021.16        0.00642
         259445.54    4026011.79        0.00647                    259466.88
4026002.41        0.00653
         259488.22    4025993.04        0.00662                    259509.57
4025983.67        0.00673
         259530.91    4025974.29        0.00685                    259552.25
4025964.92        0.00698
         259573.59    4025955.55        0.00712                    259594.94
4025946.18        0.00727
         259616.28    4025936.80        0.00742                    259637.62
4025927.43        0.00756
         259658.96    4025918.06        0.00770                    259680.30
4025908.68        0.00784
         259701.65    4025899.31        0.00797                    259722.99
4025889.94        0.00809
         259744.33    4025880.56        0.00820                    259765.67
4025871.19        0.00832
         259787.01    4025861.82        0.00844                    259808.36
4025852.45        0.00855
         259829.70    4025843.07        0.00867                    259851.04
4025833.70        0.00878
         259872.38    4025824.33        0.00890                    259893.72
4025814.95        0.00901
         259915.07    4025805.58        0.00913                    258861.29
4026914.68        0.01696
         258861.69    4026938.04        0.01752                    258862.09
4026961.41        0.01820
         258862.48    4026984.77        0.01898                    258862.88
4027008.13        0.01966
         258863.28    4027031.49        0.02026                    258863.68
4027054.85        0.02087
         258669.75    4026896.63        0.01219                    258678.18
4026875.16        0.01215
         258686.62    4026853.69        0.01206                    258695.05
4026832.23        0.01197
         258703.48    4026810.76        0.01184                    258711.91
4026789.29        0.01166
         258720.34    4026767.83        0.01143                    258728.78
4026746.36        0.01115
         258737.21    4026724.89        0.01080                    258745.64
4026703.43        0.01041
         258754.07    4026681.96        0.00998                    258762.51
4026660.50        0.00951
         258770.94    4026639.03        0.00905                    258779.37
4026617.56        0.00860
         258787.80    4026596.10        0.00818                    258796.23
4026574.63        0.00777
         258804.67    4026553.16        0.00742                    258813.10
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4026531.70        0.00713
         258821.53    4026510.23        0.00688                       258829.96
4026488.76        0.00666
         258838.40    4026467.30        0.00648                       258846.83
4026445.83        0.00632
         258855.26    4026424.36        0.00620                       258863.69
4026402.90        0.00610
         258872.13    4026381.43        0.00603                       258880.56
4026359.97        0.00598
         258888.99    4026338.50        0.00593                       258897.42
4026317.03        0.00590
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 114
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A  ***
                                INCLUDING SOURCE(S):     PHASE2A     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         258905.85    4026295.57        0.00586                       258914.29
4026274.10        0.00584
         258922.72    4026252.63        0.00581                       258931.15
4026231.17        0.00577
         258939.58    4026209.70        0.00571                       258948.02
4026188.23        0.00562
         258956.45    4026166.77        0.00556                       258964.88
4026145.30        0.00550
         258973.31    4026123.83        0.00546                       258981.74
4026102.37        0.00543
         258990.18    4026080.90        0.00535                       258998.61
4026059.44        0.00526
         259007.04    4026037.97        0.00519                       259015.47
4026016.50        0.00510
         259045.02    4025985.76        0.00503                       259066.14
4025976.49        0.00502
         259087.25    4025967.21        0.00501                       259108.37
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4025957.94        0.00500
         259129.49    4025948.67        0.00500                    259150.60
4025939.39        0.00499
         259171.72    4025930.12        0.00499                    259192.84
4025920.84        0.00499
         259213.95    4025911.57        0.00499                    259235.07
4025902.30        0.00499
         259256.19    4025893.02        0.00499                    259277.30
4025883.75        0.00499
         259298.42    4025874.48        0.00498                    259319.54
4025865.20        0.00498
         259340.65    4025855.93        0.00497                    259361.77
4025846.65        0.00497
         259382.89    4025837.38        0.00497                    259404.00
4025828.11        0.00498
         259425.12    4025818.83        0.00500                    259446.23
4025809.56        0.00502
         259467.35    4025800.28        0.00506                    259488.47
4025791.01        0.00510
         259509.58    4025781.74        0.00516                    259530.70
4025772.46        0.00524
         259551.82    4025763.19        0.00532                    259572.93
4025753.91        0.00542
         259594.05    4025744.64        0.00552                    259615.17
4025735.37        0.00563
         259636.28    4025726.09        0.00574                    259657.40
4025716.82        0.00585
         259678.52    4025707.55        0.00595                    259699.63
4025698.27        0.00606
         259720.75    4025689.00        0.00616                    259741.87
4025679.72        0.00625
         259762.98    4025670.45        0.00634                    259784.10
4025661.18        0.00642
         259805.21    4025651.90        0.00650                    259826.33
4025642.63        0.00657
         259847.45    4025633.35        0.00664                    259868.56
4025624.08        0.00672
         259889.68    4025614.81        0.00681                    259910.80
4025605.53        0.00689
         258661.32    4026918.09        0.01222                    258661.72
4026941.45        0.01248
         258662.12    4026964.82        0.01281                    258662.51
4026988.18        0.01322
         258662.91    4027011.54        0.01366                    258663.31
4027034.90        0.01409
         258663.71    4027058.26        0.01452                    258469.89
4026899.77        0.00933
         258478.42    4026878.03        0.00924                    258486.96
4026856.29        0.00919
         258495.50    4026834.56        0.00916                    258504.04
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4026812.82   0.00915
         258512.58   4026791.09   0.00915   258521.11
4026769.35   0.00914
         258529.65   4026747.61   0.00913   258538.19
4026725.88   0.00912
         258546.73   4026704.14   0.00903   258555.27
4026682.41   0.00888
         258563.81   4026660.67   0.00872   258572.34
4026638.93   0.00852
         258580.88   4026617.20   0.00829   258589.42
4026595.46   0.00802
         258597.96   4026573.73   0.00770   258606.50
4026551.99   0.00737

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A ***
                                 INCLUDING SOURCE(S):   PHASE2A   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

```
4026204.21        0.00445
         258751.64    4026182.48        0.00443                    258760.18
4026160.74        0.00442
         258768.72    4026139.01        0.00441                    258777.26
4026117.27        0.00441
         258785.80    4026095.53        0.00441                    258794.34
4026073.80        0.00441
         258802.87    4026052.06        0.00440                    258811.41
4026030.33        0.00440
         258819.95    4026008.59        0.00438                    258828.49
4025986.85        0.00436
         258837.03    4025965.12        0.00433                    258845.56
4025943.38        0.00430
         258854.10    4025921.65        0.00428                    258862.64
4025899.91        0.00425
         258871.18    4025878.17        0.00422                    258901.10
4025847.05        0.00420
         258922.48    4025837.66        0.00421                    258943.86
4025828.27        0.00422
         258965.24    4025818.88        0.00423                    258986.63
4025809.49        0.00423
         259008.01    4025800.09        0.00422                    259029.39
4025790.70        0.00421
         259050.77    4025781.31        0.00420                    259072.15
4025771.92        0.00419
         259093.53    4025762.53        0.00418                    259114.92
4025753.14        0.00417
         259136.30    4025743.75        0.00416                    259157.68
4025734.36        0.00415
         259179.06    4025724.97        0.00414                    259200.44
4025715.58        0.00413
         259221.82    4025706.19        0.00412                    259243.21
4025696.80        0.00412
         259264.59    4025687.41        0.00411                    259285.97
4025678.02        0.00410
         259307.35    4025668.63        0.00409                    259328.73
4025659.24        0.00408
         259350.11    4025649.85        0.00407                    259371.50
4025640.46        0.00406
         259392.88    4025631.07        0.00406                    259414.26
4025621.68        0.00407
         259435.64    4025612.29        0.00408                    259457.02
4025602.90        0.00410
         259478.40    4025593.51        0.00413                    259499.79
4025584.12        0.00417
         259521.17    4025574.73        0.00421                    259542.55
4025565.34        0.00426
         259563.93    4025555.95        0.00432                    259585.31
4025546.55        0.00439
         259606.69    4025537.16        0.00446                    259628.08
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4025527.77        0.00454
         259649.46    4025518.38        0.00463                       259670.84
4025508.99        0.00471
         259692.22    4025499.60        0.00480                       259713.60
4025490.21        0.00488
         259734.98    4025480.82        0.00496                       259756.37
4025471.43        0.00504
         259777.75    4025462.04        0.00512                       259799.13
4025452.65        0.00519
         259820.51    4025443.26        0.00525                       259841.89
4025433.87        0.00531
         259863.27    4025424.48        0.00537                       259884.66
4025415.09        0.00543
         259906.04    4025405.70        0.00548                       258461.35
4026921.50        0.00947
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 116
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A  ***
                                  INCLUDING SOURCE(S):     PHASE2A     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -
         258461.75    4026944.86        0.00976                       258462.14
4026968.23        0.01008
         258462.54    4026991.59        0.01043                       258462.94
4027014.95        0.01077
         258463.34    4027038.31        0.01113                       258463.74
4027061.67        0.01153
         259934.28    4026786.78        0.08684                       259843.61
4026789.17        0.09754
         259775.62    4026790.96        0.10540                       259910.29
4026737.40        0.07877
         259796.97    4026740.38        0.08728                       259774.30
4026740.98        0.08839
         259751.64    4026741.57        0.08891                       259930.33
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4026636.84 0.06085
259794.33 4026640.42 0.06163 259771.67
4026641.01 0.06123
259749.00 4026641.61 0.06008 259950.36
4026536.27 0.04711
259927.70 4026536.87 0.04675 259791.70
4026540.45 0.04275
259769.04 4026541.05 0.04164 259746.37
4026541.64 0.04036
259947.73 4026436.31 0.03578 259925.07
4026436.90 0.03535
259789.07 4026440.48 0.03119 259766.41
4026441.08 0.03013
259743.74 4026441.68 0.02901 259945.10
4026336.34 0.02813
259922.43 4026336.94 0.02752 259786.44
4026340.52 0.02301
259763.77 4026341.12 0.02217 259741.11
4026341.71 0.02133
259939.84 4026136.41 0.01742 259917.17
4026137.01 0.01692
259894.50 4026137.61 0.01641 259871.84
4026138.20 0.01590
259849.17 4026138.80 0.01537 259826.51
4026139.40 0.01479
259803.84 4026139.99 0.01432 259781.18
4026140.59 0.01389
259758.51 4026141.19 0.01341 259735.85
4026141.78 0.01293
259934.57 4025936.48 0.01165 259911.91
4025937.08 0.01131
259889.24 4025937.67 0.01097 259866.58
4025938.27 0.01064
259843.91 4025938.87 0.01032 259821.24
4025939.46 0.01001
259798.58 4025940.06 0.00971 259775.91
4025940.66 0.00942
259753.25 4025941.25 0.00914 259730.58
4025941.85 0.00887
259929.31 4025736.55 0.00839 259906.64
4025737.15 0.00817
259883.98 4025737.74 0.00795 259861.31
4025738.34 0.00775
259838.65 4025738.94 0.00755 259815.98
4025739.53 0.00736
259793.32 4025740.13 0.00717 259770.65
4025740.73 0.00699
259747.99 4025741.32 0.00680 259725.32
4025741.92 0.00661
259924.05 4025536.62 0.00643 259901.38

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4025537.22        0.00628
         259878.72    4025537.81        0.00614                       259856.05
4025538.41        0.00600
         259833.38    4025539.01        0.00588                       259810.72
4025539.60        0.00575
         259788.05    4025540.20        0.00562                       259765.39
4025540.80        0.00548
         259742.72    4025541.39        0.00535                       259720.06
4025541.99        0.00520
         260259.41    4027030.57        0.11286                       260258.91
4027007.71        0.10647
         260258.41    4026984.85        0.10066                       260257.92
4026961.98        0.09510
         260257.42    4026939.12        0.09039                       260256.92
4026916.26        0.08570
         260256.42    4026893.39        0.08118                       260359.39
4027028.40        0.08950
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 117
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A  ***
                                    INCLUDING SOURCE(S):     PHASE2A     ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         260358.89    4027005.53        0.08644                       260358.39
4026982.67        0.08350
         260357.89    4026959.81        0.08034                       260357.39
4026936.94        0.07722
         260356.90    4026914.08        0.07418                       260356.40
4026891.22        0.07123
         260459.36    4027026.22        0.06307                       260458.87
4027003.35        0.06290
         260458.37    4026980.49        0.06240                       260457.87
4026957.63        0.06162
         260457.37    4026934.76        0.06066                       260456.87
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4026911.90        0.05954
         260456.37    4026889.04        0.05827                   260659.32
4027021.86        0.02826
         260658.82    4026998.99        0.02924                   260658.32
4026976.13        0.03026
         260657.82    4026953.27        0.03131                   260657.32
4026930.40        0.03239
         260656.82    4026907.54        0.03297                   260656.33
4026884.68        0.03349
         260859.27    4027017.50        0.01592                   260858.77
4026994.64        0.01637
         260858.27    4026971.77        0.01693                   260857.77
4026948.91        0.01759
         260857.28    4026926.05        0.01822                   260856.78
4026903.18        0.01876
         260856.28    4026880.32        0.01930                   261059.22
4027013.14        0.01075
         261058.72    4026990.28        0.01100                   261058.22
4026967.42        0.01129
         261057.73    4026944.55        0.01165                   261057.23
4026921.69        0.01191
         261056.73    4026898.83        0.01220                   261056.23
4026875.96        0.01252
         261259.17    4027008.78        0.00803                   261258.68
4026985.92        0.00819
         261258.18    4026963.06        0.00836                   261257.68
4026940.19        0.00856
         261257.18    4026917.33        0.00875                   261256.68
4026894.47        0.00893
         261256.18    4026871.60        0.00911                   259796.13
4026879.73        0.13482
         259754.95    4026854.32        0.13422                   259754.15
4026829.33        0.12312
         259782.14    4026815.29        0.11359                   259810.93
4026826.23        0.11308
         259798.03    4026771.96        0.09709                   259766.16
4026710.47        0.07879
         259713.18    4026705.57        0.07513                   259863.07
4026697.95        0.07368
         259730.08    4026655.01        0.06189                   259763.58
4026610.76        0.05423
         259879.85    4026654.96        0.06475                   259977.30
4026719.03        0.07044
         259998.89    4026767.78        0.07721                   259760.72
4026510.93        0.03727
         259828.46    4026536.69        0.04387                   259879.27
4026556.01        0.04845
         259913.14    4026568.88        0.05053                   259757.73
4026411.06        0.02700
         259877.69    4026456.67        0.03641                   259911.97
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4026469.70   0.03850
         260031.93   4026515.31   0.04476   260066.20
4026528.34   0.04589
         260107.90   4026558.14   0.04814   260137.61
4026625.19   0.05337
         260182.16   4026725.77   0.06157   260197.01
4026759.29   0.06473
         260211.87   4026792.82   0.06822   260226.72
4026826.34   0.07217
         260241.57   4026859.87   0.07655   259754.68
4026311.16   0.02008
         259875.60   4026357.14   0.02752   259910.15
4026370.27   0.02965
         260031.07   4026416.25   0.03607   260065.62
4026429.38   0.03746
         260100.17   4026442.52   0.03858   260134.71
4026455.65   0.03945
         260199.20   4026536.38   0.04461   260214.18
4026570.17   0.04676

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                             *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A ***
                                 INCLUDING SOURCE(S):   PHASE2A   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

```
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4026268.50        0.02250
         260036.52    4026319.58        0.02906                    260070.11
4026332.35        0.03045
         260103.69    4026345.12        0.03168                    260137.28
4026357.90        0.03275
         260170.87    4026370.67        0.03365                    260221.26
4026389.82        0.03469
         260252.61    4026429.06        0.03675                    260267.16
4026461.92        0.03850
         260281.71    4026494.77        0.04020                    260296.27
4026527.63        0.04186
         260310.82    4026560.48        0.04350                    260325.38
4026593.34        0.04516
         260339.93    4026626.19        0.04684                    260354.49
4026659.05        0.04856
         260369.04    4026691.90        0.05031                    260383.60
4026724.76        0.05201
         260398.15    4026757.62        0.05356                    260412.71
4026790.47        0.05498
         260427.26    4026823.33        0.05647                    260441.82
4026856.18        0.05785
         259715.72    4026205.24        0.01439                    259744.88
4026011.23        0.01018
         259778.98    4026024.19        0.01096                    259864.21
4026056.60        0.01323
         259898.31    4026069.56        0.01427                    259932.40
4026082.52        0.01538
         259966.50    4026095.49        0.01653                    260000.59
4026108.45        0.01770
         260034.68    4026121.41        0.01889                    260068.78
4026134.38        0.02002
         260102.87    4026147.34        0.02115                    260136.97
4026160.30        0.02220
         260171.06    4026173.26        0.02320                    260222.20
4026192.71        0.02468
         260341.53    4026238.08        0.02692                    260383.01
4026267.72        0.02796
         260397.79    4026301.06        0.02919                    260412.56
4026334.41        0.03040
         260427.33    4026367.76        0.03156                    260442.11
4026401.11        0.03265
         260456.88    4026434.46        0.03368                    260471.65
4026467.81        0.03464
         260486.43    4026501.16        0.03553                    260501.20
4026534.51        0.03638
         260515.98    4026567.86        0.03716                    260530.75
4026601.21        0.03788
         260545.52    4026634.56        0.03847                    260560.30
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4026667.91        0.03888
         260575.07    4026701.26        0.03899                       260589.84
4026734.61        0.03897
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4026801.30        0.03774
         260634.17    4026834.65        0.03649                       259709.35
4026005.34        0.00956
         259738.67    4025811.39        0.00737                       259773.09
4025824.48        0.00784
         259859.15    4025857.20        0.00921                       259893.58
4025870.29        0.00984
         259928.00    4025883.38        0.01053                       259962.42
4025896.47        0.01127
         259996.85    4025909.55        0.01205                       260031.27
4025922.64        0.01286
         260065.69    4025935.73        0.01370                       260100.12
4025948.82        0.01445
         260134.54    4025961.91        0.01520                       260168.96
4025974.99        0.01611
         260341.08    4026040.43        0.02000                       260375.50
4026053.52        0.02046
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 119
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A  ***
                                  INCLUDING SOURCE(S):     PHASE2A     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4026079.70        0.02144
         260478.78    4026092.79        0.02181                       260520.66
4026122.71        0.02247
         260535.57    4026156.38        0.02347                       260550.49
4026190.05        0.02433
         260565.41    4026223.72        0.02513                       260580.32
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4026257.40        0.02582
         260595.24    4026291.07        0.02654                    260610.16
4026324.74        0.02712
         260625.07    4026358.41        0.02763                    260639.99
4026392.08        0.02807
         260654.91    4026425.75        0.02842                    260669.82
4026459.43        0.02869
         260684.74    4026493.10        0.02881                    260699.66
4026526.77        0.02877
         260714.57    4026560.44        0.02869                    260729.49
4026594.11        0.02851
         260744.40    4026627.78        0.02816                    260759.32
4026661.45        0.02739
         260774.24    4026695.13        0.02678                    260789.15
4026728.80        0.02576
         260804.07    4026762.47        0.02452                    260818.99
4026796.14        0.02310
         260833.90    4026829.81        0.02159                    259702.97
4025805.44        0.00698
         259732.09    4025611.42        0.00570                    259766.12
4025624.36        0.00602
         259851.18    4025656.70        0.00687                    259885.21
4025669.63        0.00726
         259919.23    4025682.57        0.00767                    259953.26
4025695.51        0.00815
         259987.28    4025708.44        0.00865                    260021.31
4025721.38        0.00920
         260055.33    4025734.32        0.00975                    260089.36
4025747.25        0.01030
         260123.38    4025760.19        0.01091                    260157.41
4025773.13        0.01155
         260208.45    4025792.53        0.01248                    260344.55
4025844.28        0.01496
         260378.57    4025857.22        0.01548                    260412.60
4025870.15        0.01597
         260446.62    4025883.09        0.01641                    260480.65
4025896.02        0.01676
         260514.67    4025908.96        0.01705                    260548.70
4025921.90        0.01749
         260582.72    4025934.83        0.01789                    260616.75
4025947.77        0.01817
         260658.15    4025977.35        0.01875                    260672.89
4026010.63        0.01939
         260687.63    4026043.91        0.02000                    260702.38
4026077.19        0.02057
         260717.12    4026110.48        0.02108                    260731.86
4026143.76        0.02153
         260746.61    4026177.04        0.02191                    260761.35
4026210.32        0.02219
         260776.10    4026243.60        0.02244                    260790.84
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4026276.89        0.02265
         260805.58    4026310.17        0.02275                       260820.33
4026343.45        0.02278
         260835.07    4026376.73        0.02273                       260849.82
4026410.01        0.02259
         260864.56    4026443.30        0.02238                       260879.30
4026476.58        0.02208
         260894.05    4026509.86        0.02161                       260908.79
4026543.14        0.02108
         260923.54    4026576.42        0.02055                       260938.28
4026609.71        0.01983
         260953.02    4026642.99        0.01898                       260967.77
4026676.27        0.01804
         260982.51    4026709.55        0.01707                       260997.26
4026742.83        0.01594
         261012.00    4026776.12        0.01494                       261026.74
4026809.40        0.01406
         261041.49    4026842.68        0.01323                       259696.59
4025605.54        0.00541
         259725.84    4025411.57        0.00459                       259760.11
4025424.60        0.00483
         259845.80    4025457.18        0.00545                       259880.07
4025470.21        0.00571
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 120
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A  ***
                                  INCLUDING SOURCE(S):     PHASE2A     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         259914.35    4025483.24        0.00599                       259948.62
4025496.27        0.00630
         259982.90    4025509.30        0.00663                       260017.17
4025522.34        0.00700
         260051.45    4025535.37        0.00740                       260085.72
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4025574.46        0.00870
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4025626.59        0.01055
         260342.78    4025646.13        0.01126                  260377.05
4025659.16        0.01175
         260411.33    4025672.20        0.01223                  260445.60
4025685.23        0.01270
         260479.88    4025698.26        0.01315                  260514.15
4025711.29        0.01356
         260548.43    4025724.32        0.01393                  260582.70
4025737.35        0.01426
         260616.97    4025750.38        0.01456                  260651.25
4025763.42        0.01483
         260685.52    4025776.45        0.01507                  260719.80
4025789.48        0.01530
         260754.07    4025802.51        0.01549                  260795.77
4025832.30        0.01591
         260810.63    4025865.83        0.01640                  260825.48
4025899.36        0.01688
         260840.33    4025932.88        0.01730                  260855.18
4025966.41        0.01767
         260870.03    4025999.93        0.01799                  260884.89
4026033.46        0.01826
         260899.74    4026066.98        0.01846                  260914.59
4026100.51        0.01861
         260929.44    4026134.04        0.01869                  260944.29
4026167.56        0.01870
         260959.14    4026201.09        0.01865                  260974.00
4026234.61        0.01859
         260988.85    4026268.14        0.01840                  261003.70
4026301.67        0.01821
         261018.55    4026335.19        0.01805                  261033.40
4026368.72        0.01775
         261048.26    4026402.24        0.01729                  261063.11
4026435.77        0.01681
         261077.96    4026469.29        0.01635                  261092.81
4026502.82        0.01582
         261107.66    4026536.35        0.01517                  261122.52
4026569.87        0.01447
         261137.37    4026603.40        0.01381                  261152.22
4026636.92        0.01313
         261167.07    4026670.45        0.01246                  261181.92
4026703.97        0.01179
         261196.78    4026737.50        0.01114                  261211.63
4026771.03        0.01058
         261226.48    4026804.55        0.01009                  261241.33
4026838.08        0.00959
         259690.21    4025405.64        0.00437                  259694.18
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4026881.02   0.16283
         259644.51   4026882.10   0.17223   259619.68
4026882.65   0.17461
         259643.97   4026857.11   0.15005   259619.13
4026857.65   0.15019
         259569.47   4026858.74   0.14768   259544.63
4026859.28   0.14172
         259519.80   4026859.82   0.13245   259470.13
4026860.91   0.10559
         259445.30   4026861.45   0.09060   259643.42
4026832.12   0.12944
         259618.59   4026832.66   0.12786   259544.09
4026834.29   0.11663
         259519.25   4026834.83   0.10782   259444.75
4026836.46   0.07286
         259667.71   4026806.58   0.11451   259642.87
4026807.12   0.11049
         259568.37   4026808.75   0.10153   259543.54
4026809.29   0.09534
         259469.04   4026810.92   0.06795   259444.21
4026811.46   0.05985
         259691.45   4026756.05   0.09294   259666.62
4026756.59   0.09024
         259641.78   4026757.13   0.08643   259592.11
4026758.22   0.07902

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A ***
                                INCLUDING SOURCE(S):   PHASE2A   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         259567.28   4026758.76   0.07434   259542.45
4026759.30   0.06817
         259492.78   4026760.39   0.05458   259467.95

4026760.93 0.04871
259443.11 4026761.48 0.04387 259690.36
4026706.06 0.07334
259665.52 4026706.60 0.07077 259591.02
4026708.23 0.06110
259566.19 4026708.77 0.05683 259491.69
4026710.40 0.04172
259466.85 4026710.95 0.03743 259689.26
4026656.07 0.05815
259639.60 4026657.16 0.05299 259614.76
4026657.70 0.05017
259589.93 4026658.24 0.04683 259515.43
4026659.87 0.03653
259490.59 4026660.41 0.03297 259663.34
4026606.63 0.04456
259638.50 4026607.17 0.04203 259613.67
4026607.71 0.03931
259539.17 4026609.34 0.03193 259514.34
4026609.88 0.02929
259439.84 4026611.51 0.02269 259636.32
4026507.19 0.02828
259611.49 4026507.74 0.02672 259586.65
4026508.28 0.02517
259561.82 4026508.82 0.02368 259487.32
4026510.45 0.01892
259462.48 4026510.99 0.01756 259634.13
4026407.22 0.02040
259609.30 4026407.76 0.01910 259584.47
4026408.30 0.01798
259559.63 4026408.85 0.01697 259534.80
4026409.39 0.01605
259435.47 4026411.56 0.01268 259631.95
4026307.24 0.01557
259607.12 4026307.78 0.01484 259582.28
4026308.33 0.01410
259557.45 4026308.87 0.01339 259532.61
4026309.41 0.01272
259507.78 4026309.96 0.01206 259482.95
4026310.50 0.01144
259458.11 4026311.04 0.01090 259433.28
4026311.58 0.01043
259679.43 4026206.18 0.01352 259654.60
4026206.72 0.01292
259629.76 4026207.27 0.01229 259604.93
4026207.81 0.01171
259580.10 4026208.35 0.01115 259555.26
4026208.89 0.01059
259530.43 4026209.44 0.01009 259675.06
4026006.23 0.00909
259650.23 4026006.77 0.00874 259625.39

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4026007.31        0.00840
         259600.56    4026007.86        0.00807                       259575.73
4026008.40        0.00775
         259550.89    4026008.94        0.00745                       259526.06
4026009.48        0.00716
         259670.69    4025806.28        0.00669                       259645.86
4025806.82        0.00645
         259621.02    4025807.36        0.00622                       259596.19
4025807.90        0.00599
         259571.36    4025808.45        0.00578                       259546.52
4025808.99        0.00559
         259521.69    4025809.53        0.00541                       259666.32
4025606.32        0.00520
         259641.49    4025606.87        0.00503                       259616.65
4025607.41        0.00487
         259591.82    4025607.95        0.00471                       259566.99
4025608.49        0.00457
         259542.15    4025609.04        0.00444                       259517.32
4025609.58        0.00433
         259661.95    4025406.37        0.00422                       259637.12
4025406.91        0.00410
         259612.29    4025407.46        0.00398                       259587.45
4025408.00        0.00387
         259562.62    4025408.54        0.00377                       259537.78
4025409.08        0.00369
         259512.95    4025409.63        0.00361                       259488.12
4025410.17        0.00355
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 122
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A  ***
                                 INCLUDING SOURCE(S):     PHASE2A     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         259463.28    4025410.71        0.00350                       259438.45
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4025411.26        0.00345
         259413.62    4025411.80        0.00341                   259422.19
4026953.67        0.21770
         259422.99    4026995.42        0.51088                   259396.80
4026933.27        0.12292
         259397.59    4026975.02        0.24395                   259398.39
4027016.78        0.72188
         259409.77    4026851.82        0.06608                   259317.30
4026860.93        0.04374
         259331.22    4026825.36        0.03872                   259355.67
4026799.88        0.03682
         259296.82    4026935.18        0.06114                   259297.61
4026976.93        0.08586
         259298.41    4027018.68        0.12694                   259354.57
4026749.90        0.02919
         259389.55    4026734.53        0.03043                   259217.31
4026862.84        0.03073
         259231.23    4026827.26        0.02785                   259245.15
4026791.69        0.02562
         259259.07    4026756.11        0.02382                   259283.52
4026730.64        0.02325
         259370.97    4026692.23        0.02417                   259405.95
4026676.86        0.02529
         259196.83    4026937.09        0.04086                   259197.63
4026978.84        0.05040
         259198.43    4027020.59        0.06187                   259169.22
4026858.94        0.02629
         259184.41    4026820.13        0.02380                   259199.59
4026781.32        0.02181
         259214.78    4026742.51        0.02025                   259249.04
4026695.31        0.01924
         259287.20    4026678.55        0.01959                   259325.36
4026661.79        0.01980
         259401.68    4026628.27        0.02125                   259146.84
4026938.04        0.03461
         259147.64    4026979.79        0.04117                   259148.44
4027021.55        0.04867
         259213.78    4026609.86        0.01418                   259251.10
4026593.47        0.01415
         259288.41    4026577.09        0.01426                   259325.72
4026560.70        0.01483
         259363.03    4026544.31        0.01530                   258968.46
4026864.80        0.01814
         258983.11    4026827.35        0.01645                   258997.76
4026789.90        0.01476
         259012.42    4026752.45        0.01342                   259027.07
4026715.00        0.01246
         259041.72    4026677.55        0.01168                   259056.37
4026640.10        0.01106
         259071.02    4026602.65        0.01069                   259104.09
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4026557.11        0.01069
         259140.91    4026540.94        0.01114                       259177.73
4026524.76        0.01133
         259251.37    4026492.42        0.01129                       259288.19
4026476.25        0.01124
         259325.01    4026460.08        0.01143                       259361.83
4026443.90        0.01184
         259398.65    4026427.73        0.01225                       258946.88
4026941.86        0.02129
         258947.68    4026983.61        0.02338                       258948.47
4027025.36        0.02527
         259070.77    4026470.81        0.00896                       259108.93
4026454.05        0.00928
         259147.09    4026437.29        0.00942                       259185.25
4026420.53        0.00938
         259223.41    4026403.76        0.00925                       259299.72
4026370.24        0.00943
         259337.88    4026353.48        0.00964                       259376.04
4026336.72        0.00992
         258754.01    4026905.64        0.01413                       258769.00
4026867.32        0.01384
         258783.99    4026829.01        0.01345                       258798.98
4026790.69        0.01289
         258813.97    4026752.38        0.01208                       258828.96
4026714.06        0.01110
         258843.95    4026675.75        0.01010                       258858.94
4026637.43        0.00919
         258873.93    4026599.12        0.00846                       258888.92
4026560.80        0.00790
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 123
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A  ***
                                 INCLUDING SOURCE(S):     PHASE2A     ,

                                           *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4026684.24        0.00803
         258458.63    4026646.06        0.00798                        258473.56
4026607.88        0.00776
         258488.50    4026569.70        0.00740                        258503.44
4026531.52        0.00699
         258518.38    4026493.34        0.00658                        258533.31
4026455.15        0.00610
         258548.25    4026416.97        0.00564                        258563.19
4026378.79        0.00522
         258578.13    4026340.61        0.00487                        258593.07
4026302.43        0.00458
         258608.00    4026264.25        0.00436                        258622.94
4026226.07        0.00419
         258637.88    4026187.88        0.00406                        258671.59
4026141.46        0.00400
         258709.13    4026124.97        0.00409                        258746.66
4026108.48        0.00424
         258821.74    4026075.51        0.00455                        258859.28
4026059.02        0.00470
         258896.82    4026042.53        0.00482                        258934.36
4026026.04        0.00490
         258971.90    4026009.56        0.00496                        259009.43
4025993.07        0.00498
         258346.99    4026953.30        0.00897                        258347.79
4026995.05        0.00955
         258348.58    4027036.81        0.01010                        258154.17
4026916.97        0.00752
         258169.25    4026878.43        0.00720                        258184.33
4026839.88        0.00689
         258199.40    4026801.34        0.00666                        258214.48
4026762.80        0.00654
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 124
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A  ***
                                 INCLUDING SOURCE(S):     PHASE2A     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
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Y-COORD (M)        CONC
 - - -
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4026338.46        0.00519
         258197.21    4026299.65        0.00492                       258212.40
4026260.83        0.00466
         258227.58    4026222.02        0.00435                       258242.77
4026183.21        0.00405
         258257.95    4026144.40        0.00377                       258273.14
4026105.58        0.00356
         258288.32    4026066.77        0.00339                       258303.51
4026027.96        0.00321
         258318.69    4025989.14        0.00308                       258333.88
4025950.33        0.00297
         258349.06    4025911.52        0.00288                       258383.33
4025864.33        0.00281
         258421.49    4025847.57        0.00282                       258459.64
4025830.81        0.00286
         258497.80    4025814.05        0.00292                       258535.96
4025797.28        0.00301
         258574.12    4025780.52        0.00311                       258612.28
4025763.76        0.00322
         258650.44    4025747.00        0.00332                       258688.60
4025730.24        0.00341
         258726.76    4025713.48        0.00350                       258764.92
4025696.72        0.00356
         258803.07    4025679.96        0.00360                       258841.23
4025663.20        0.00363
         258879.39    4025646.44        0.00364                       258917.55
4025629.68        0.00362
         258955.71    4025612.92        0.00361                       258993.87
4025596.16        0.00358
         259032.03    4025579.40        0.00356                       259070.19
4025562.64        0.00354
         259108.35    4025545.88        0.00352                       259146.50
4025529.12        0.00350
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 125
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A  ***
                                  INCLUDING SOURCE(S):     PHASE2A     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                            ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
259184.66	4025512.36	0.00348	259222.82	4025495.60	0.00347
259260.98	4025478.84	0.00344	259299.14	4025462.08	0.00343
259337.30	4025445.32	0.00341	259375.46	4025428.56	0.00341
257947.06	4026960.93	0.00725	257947.86	4027002.69	0.00756
257948.65	4027044.44	0.00778	259440.80	4026786.83	0.05023
259379.45	4026788.79	0.03748	259436.01	4026636.90	0.02450
259432.81	4026536.95	0.01754	259426.43	4026337.06	0.01083
259420.04	4026137.16	0.00750	259379.14	4026138.47	0.00722
259413.66	4025937.26	0.00570	259372.76	4025938.57	0.00555
259407.27	4025737.36	0.00453	259366.37	4025738.67	0.00444
259400.88	4025537.46	0.00375	259359.98	4025538.77	0.00370
259359.62	4026838.10	0.04603	259400.71	4026338.79	0.01037
259330.90	4027040.02	0.26204	259334.08	4027080.58	0.42731
259338.10	4026995.92	0.14990	259305.97	4027041.98	0.17496
259309.16	4027082.54	0.25444	259338.57	4026970.92	0.11146
259282.64	4027064.21	0.15390	259285.83	4027104.77	0.19993
259320.38	4026953.78	0.08243	259259.31	4027086.45	0.13503
259219.74	4027011.60	0.06665	259233.19	4026973.40	0.05783
259206.28	4027049.81	0.07402	259209.47	4027090.37	0.08996
259176.62	4026996.42	0.04982	259156.43	4027053.73	0.05690
259159.62	4027094.29	0.06657	259113.32	4027038.54	0.04455
259126.77	4027000.33	0.04111	259192.54	4026858.76	0.02804
259267.22	4026827.36	0.03122	259108.18		

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4027077.92        0.04899
         259111.37    4027118.48        0.05528                       259090.38
4026966.04        0.03252
         259103.84    4026927.84        0.02943                       259117.29
4026889.63        0.02581
         259130.75    4026851.43        0.02273                       259156.15
4026824.47        0.02217
         259212.16    4026800.92        0.02408                       259268.17
4026777.37        0.02607
         259058.33    4027081.84        0.04025                       259061.52
4027122.40        0.04451
         258963.78    4027050.29        0.02752                       258977.23
4027012.08        0.02667
         258990.69    4026973.88        0.02525                       259004.15
4026935.67        0.02340
         259031.06    4026859.26        0.01931                       259044.51
4026821.05        0.01723
         259057.97    4026782.85        0.01546                       259083.37
4026755.89        0.01493
         259176.72    4026716.64        0.01730                       259214.06
4026700.94        0.01815
         258958.64    4027089.67        0.02896                       258961.83
4027130.23        0.03127
         258884.27    4027000.81        0.02056                       258897.72
4026962.61        0.01999
         258911.18    4026924.40        0.01908                       258924.64
4026886.19        0.01810
         258938.09    4026847.99        0.01688                       258951.55
4026809.78        0.01528
         258965.01    4026771.58        0.01375                       258978.46
4026733.37        0.01244
         259010.59    4026687.32        0.01142                       259066.60
4026663.76        0.01189
         259103.94    4026648.06        0.01253                       259141.27
4026632.36        0.01315
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 126
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A  ***
                                 INCLUDING SOURCE(S):     PHASE2A     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
258857.36	4027077.22	0.02122	258860.54	4027117.78	0.02281
258764.39	4027065.95	0.01715	258777.85	4027027.75	0.01661
258791.30	4026989.54	0.01637	258804.76	4026951.34	0.01614
258818.22	4026913.13	0.01582	258831.67	4026874.92	0.01543
258845.13	4026836.72	0.01473	258858.59	4026798.51	0.01390
258872.04	4026760.31	0.01282	258885.50	4026722.10	0.01165
258898.95	4026683.90	0.01052	258912.41	4026645.69	0.00956
258937.81	4026618.74	0.00917	259012.49	4026587.33	0.00944
259049.83	4026571.63	0.00981	258759.26	4027105.34	0.01816
258762.44	4027145.90	0.01937	258684.88	4027016.48	0.01418
258698.34	4026978.27	0.01373	258711.80	4026940.07	0.01349
258725.25	4026901.86	0.01342	258738.71	4026863.65	0.01316
258752.16	4026825.45	0.01283	258765.62	4026787.24	0.01236
258779.08	4026749.04	0.01169	258792.53	4026710.83	0.01084
258805.99	4026672.63	0.00991	258819.45	4026634.42	0.00903
258832.90	4026596.21	0.00824	258865.03	4026550.16	0.00759
258939.71	4026518.75	0.00775	258977.05	4026503.05	0.00806
258657.97	4027092.89	0.01520	258661.16	4027133.45	0.01620
258465.31	4027089.45	0.01202	258485.50	4027032.14	0.01128
258498.95	4026993.94	0.01083	258512.41	4026955.73	0.01043
258525.87	4026917.52	0.01014	258539.32	4026879.32	0.00996
258552.78	4026841.11	0.00987	258566.24		

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4026802.91        0.00982
         258579.69    4026764.70        0.00979                        258593.15
4026726.50        0.00964
         258606.60    4026688.29        0.00936                        258620.06
4026650.09        0.00891
         258633.52    4026611.88        0.00834                        258646.97
4026573.67        0.00771
         258660.43    4026535.47        0.00708                        258673.89
4026497.26        0.00652
         258687.34    4026459.06        0.00603                        258719.47
4026413.00        0.00558
         258775.48    4026389.45        0.00553                        258812.82
4026373.75        0.00559
         258850.15    4026358.04        0.00573                        258924.83
4026326.64        0.00615
         258962.17    4026310.94        0.00637                        258999.51
4026295.24        0.00658
         259036.85    4026279.54        0.00673                        259074.19
4026263.84        0.00683
         259167.54    4026224.58        0.00688                        259204.87
4026208.88        0.00689
         259242.21    4026193.18        0.00693                        259279.55
4026177.48        0.00693
         259316.89    4026161.77        0.00698                        259354.23
4026146.07        0.00713
         258460.18    4027128.83        0.01251                        258463.36
4027169.39        0.01302
         258265.93    4027105.12        0.01014                        258279.38
4027066.91        0.00991
         258292.84    4027028.70        0.00960                        258306.30
4026990.50        0.00922
         258319.75    4026952.29        0.00879                        258339.94
4026894.98        0.00820
         258353.39    4026856.78        0.00796                        258366.85
4026818.57        0.00779
         258380.31    4026780.37        0.00778                        258393.76
4026742.16        0.00776
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 127
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A  ***
                                  INCLUDING SOURCE(S):     PHASE2A     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
```

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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
258407.22	4026703.96	0.00780	258420.67	4026665.75	0.00780
258434.13	4026627.54	0.00773	258447.59	4026589.34	0.00754
258461.04	4026551.13	0.00722	258474.50	4026512.93	0.00682
258487.96	4026474.72	0.00637	258501.41	4026436.52	0.00591
258514.87	4026398.31	0.00548	258528.33	4026360.11	0.00508
258541.78	4026321.90	0.00473	258573.91	4026275.84	0.00441
258629.92	4026252.29	0.00433	258667.25	4026236.59	0.00433
258704.59	4026220.89	0.00437	258779.27	4026189.48	0.00459
258816.61	4026173.78	0.00478	258853.95	4026158.08	0.00498
258891.29	4026142.38	0.00513	258928.63	4026126.68	0.00526
259021.98	4026087.42	0.00549	259059.31	4026071.72	0.00550
259096.65	4026056.02	0.00550	259133.99	4026040.32	0.00550
259171.33	4026024.62	0.00550	259208.67	4026008.92	0.00551
259246.01	4025993.21	0.00552	259283.35	4025977.51	0.00554
259320.69	4025961.81	0.00555	258260.79	4027144.50	0.01039
258263.98	4027185.06	0.01059	258066.54	4027120.78	0.00874
258080.00	4027082.57	0.00866	258093.45	4027044.37	0.00854
258106.91	4027006.16	0.00830	258120.37	4026967.96	0.00795
258133.82	4026929.75	0.00756	258147.28	4026891.55	0.00724
258160.74	4026853.34	0.00692	258174.19	4026815.14	0.00664
258187.65	4026776.93	0.00644	258201.10		

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4026738.72        0.00639
         258214.56    4026700.52        0.00640                        258228.02
4026662.31        0.00645
         258241.47    4026624.11        0.00653                        258254.93
4026585.90        0.00655
         258268.39    4026547.70        0.00650                        258281.84
4026509.49        0.00636
         258295.30    4026471.28        0.00617                        258308.76
4026433.08        0.00593
         258322.21    4026394.87        0.00562                        258335.67
4026356.67        0.00528
         258349.12    4026318.46        0.00492                        258362.58
4026280.26        0.00457
         258376.04    4026242.05        0.00425                        258389.49
4026203.84        0.00399
         258402.95    4026165.64        0.00378                        258428.35
4026138.69        0.00366
         258503.02    4026107.28        0.00355                        258540.36
4026091.58        0.00354
         258577.70    4026075.88        0.00356                        258615.04
4026060.18        0.00361
         258652.38    4026044.48        0.00370                        258689.72
4026028.77        0.00382
         258727.06    4026013.07        0.00397                        258764.40
4025997.37        0.00411
         258801.74    4025981.67        0.00423                        258876.41
4025950.27        0.00444
         258913.75    4025934.56        0.00450                        258951.09
4025918.86        0.00455
         258988.43    4025903.16        0.00457                        259025.77
4025887.46        0.00456
         259063.11    4025871.76        0.00455                        259100.45
4025856.06        0.00454
         259137.79    4025840.35        0.00452                        259175.13
4025824.65        0.00451
         259212.47    4025808.95        0.00451                        259249.80
4025793.25        0.00451
         259287.14    4025777.55        0.00449                        259324.48
4025761.85        0.00447
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 128
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A  ***
                                 INCLUDING SOURCE(S):     PHASE2A     ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
258061.41	4027160.16	0.00877	258064.59	4027200.72	0.00882
257867.16	4027136.45	0.00752	257880.61	4027098.24	0.00755
257894.07	4027060.03	0.00757	257907.53	4027021.83	0.00751
257920.98	4026983.62	0.00731	258008.45	4026735.29	0.00557
258021.90	4026697.08	0.00547	258035.36	4026658.87	0.00543
258048.82	4026620.67	0.00544	258062.27	4026582.46	0.00551
258075.73	4026544.26	0.00558	258089.19	4026506.05	0.00563
258102.64	4026467.85	0.00562	258116.10	4026429.64	0.00557
258129.55	4026391.44	0.00545	258143.01	4026353.23	0.00526
258156.47	4026315.02	0.00504	258169.92	4026276.82	0.00479
258183.38	4026238.61	0.00452	258196.84	4026200.41	0.00425
258210.29	4026162.20	0.00396	258223.75	4026124.00	0.00371
258237.20	4026085.79	0.00350	258250.66	4026047.58	0.00332
258282.79	4026001.53	0.00313	258338.79	4025977.98	0.00305
258376.13	4025962.27	0.00302	258413.47	4025946.57	0.00301
258450.81	4025930.87	0.00301	258488.15	4025915.17	0.00303
258525.49	4025899.47	0.00309	258562.83	4025883.77	0.00318
258600.17	4025868.06	0.00328	258637.51	4025852.36	0.00340
258674.85	4025836.66	0.00351	258712.18	4025820.96	0.00361
258749.52	4025805.26	0.00371	258786.86		

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4025789.56        0.00378
         258824.20    4025773.85        0.00384                       258861.54
4025758.15        0.00388
         258898.88    4025742.45        0.00391                       258936.22
4025726.75        0.00391
         258973.56    4025711.05        0.00390                       259010.90
4025695.35        0.00388
         259048.24    4025679.64        0.00386                       259085.57
4025663.94        0.00384
         259122.91    4025648.24        0.00383                       259160.25
4025632.54        0.00382
         259197.59    4025616.84        0.00381                       259234.93
4025601.14        0.00378
         259272.27    4025585.44        0.00376                       259309.61
4025569.73        0.00374
         257862.02    4027175.83        0.00758                       257865.21
4027216.39        0.00757
         259335.94    4027123.45        0.52364                       259336.28
4027147.64        0.55556
         259336.62    4027171.84        0.58117                       259336.96
4027196.03        0.58341
         259337.30    4027220.23        0.59609                       259337.64
4027244.43        0.60496
         259337.98    4027268.62        0.61490                       259310.94
4027123.80        0.31426
         259311.28    4027147.99        0.33747                       259311.62
4027172.19        0.35582
         259311.96    4027196.39        0.37308                       259312.30
4027220.58        0.38612
         259312.64    4027244.78        0.39426                       259312.98
4027268.97        0.40052
         259286.29    4027148.35        0.23294                       259286.63
4027172.54        0.24837
         259286.97    4027196.74        0.26219                       259287.31
4027220.93        0.27283
         259287.65    4027245.13        0.28088                       259287.99
4027269.32        0.28609
         259260.95    4027124.50        0.16081                       259261.29
4027148.70        0.17384
         259261.63    4027172.89        0.18559                       259261.97
4027197.09        0.19611
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                PAGE 129
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                            *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
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VALUES FOR SOURCE GROUP: PHASE2A  ***
                                  INCLUDING SOURCE(S):     PHASE2A     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -
         259262.31    4027221.28        0.20474                      259262.65
4027245.48        0.21146
         259262.99    4027269.68        0.21599                      259210.95
4027125.20        0.10298
         259211.29    4027149.40        0.11070                      259211.63
4027173.59        0.11772
         259211.97    4027197.79        0.12415                      259212.31
4027221.99        0.12974
         259212.65    4027246.18        0.13437                      259212.99
4027270.38        0.13778
         259160.96    4027125.91        0.07370                      259161.30
4027150.10        0.07856
         259161.64    4027174.30        0.08306                      259161.98
4027198.49        0.08716
         259162.32    4027222.69        0.09082                      259162.66
4027246.88        0.09391
         259163.00    4027271.08        0.09636                      259111.30
4027150.80        0.05939
         259111.64    4027175.00        0.06246                      259111.98
4027199.20        0.06532
         259112.32    4027223.39        0.06789                      259112.66
4027247.59        0.07012
         259113.00    4027271.78        0.07194                      259061.31
4027151.51        0.04705
         259061.65    4027175.70        0.04920                      259061.99
4027199.90        0.05128
         259062.33    4027224.09        0.05323                      259062.67
4027248.29        0.05498
         259063.01    4027272.49        0.05643                      258961.32
4027152.91        0.03239
         258961.66    4027177.11        0.03371                      258962.00
4027201.30        0.03506
         258962.34    4027225.50        0.03637                      258962.68
4027249.69        0.03755
         258963.02    4027273.89        0.03807                      258861.33
4027154.32        0.02450
         258861.67    4027178.51        0.02548                      258862.01
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4027202.71        0.02646
         258862.35    4027226.90        0.02715                        258862.69
4027251.10        0.02783
         258863.03    4027275.30        0.02834                        258761.68
4027179.92        0.02027
         258762.02    4027204.11        0.02098                        258762.36
4027228.31        0.02157
         258762.70    4027252.50        0.02199                        258763.04
4027276.70        0.02234
         258661.35    4027157.13        0.01672                        258661.69
4027181.32        0.01725
         258662.03    4027205.52        0.01771                        258662.37
4027229.71        0.01808
         258662.71    4027253.91        0.01820                        258663.05
4027278.11        0.01837
         258462.05    4027208.33        0.01326                        258462.39
4027232.52        0.01336
         258462.73    4027256.72        0.01347                        258463.07
4027280.92        0.01354
         258262.07    4027211.14        0.01061                        258262.41
4027235.33        0.01063
         258262.75    4027259.53        0.01062                        258263.09
4027283.73        0.01065
         258062.43    4027238.14        0.00880                        258062.77
4027262.34        0.00873
         258063.11    4027286.54        0.00865                        257862.45
4027240.95        0.00750
         257862.79    4027265.15        0.00744                        257863.13
4027289.35        0.00739
         259338.18    4027292.34        0.63185                        259338.38
4027316.19        0.64219
         259338.58    4027340.05        0.62171                        259313.18
4027292.55        0.40600
         259313.38    4027316.40        0.40542                        259313.58
4027340.26        0.38359
         259288.18    4027292.76        0.28752                        259288.38
4027316.61        0.28750
         259288.58    4027340.47        0.28058                        259263.18
4027292.96        0.21770
         259263.38    4027316.82        0.21743                        259263.58
4027340.68        0.21487
         259213.19    4027293.38        0.13956                        259213.39
4027317.24        0.13988
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                        ***        18:20:08

                                  PAGE 130
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE2A ***

INCLUDING SOURCE(S): PHASE2A ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
259213.59	4027341.10	0.13867	259163.19	4027293.80	0.09790
259163.39	4027317.66	0.09849	259163.59	4027341.52	0.09654
259113.19	4027294.22	0.07313	259113.39	4027318.08	0.07385
259113.59	4027341.94	0.07398	259063.39	4027318.50	0.05791
259063.59	4027342.35	0.05805	258963.39	4027319.34	0.03834
258963.59	4027343.19	0.03835	258863.40	4027320.17	0.02860
258863.60	4027344.03	0.02851	258763.40	4027321.01	0.02273
258763.60	4027344.87	0.02280	258663.40	4027321.85	0.01857
258663.60	4027345.71	0.01857	258463.41	4027323.53	0.01353
258463.61	4027347.38	0.01351	258263.42	4027325.20	0.01045
258263.62	4027349.06	0.01041	258063.43	4027326.88	0.00857
258063.63	4027350.74	0.00854	257863.43	4027328.56	0.00729
257863.63	4027352.41	0.00728	259339.22	4027365.21	0.59774
259339.86	4027389.95	0.55506	259340.50	4027414.68	0.46988
259341.13	4027439.41	0.36555	259341.77	4027464.14	0.28618
259342.40	4027488.87	0.23179	259343.04	4027513.60	0.19351
259343.68	4027538.33	0.16560	259344.31	4027563.06	0.14447
259344.95	4027587.80	0.12589	259345.58		

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4027612.53        0.11095
         259346.22    4027637.26        0.09909                      259346.86
4027661.99        0.08970
         259347.49    4027686.72        0.08215                      259348.13
4027711.45        0.07596
         259314.23    4027365.86        0.36350                      259314.87
4027390.59        0.34331
         259315.50    4027415.32        0.31412                      259316.14
4027440.05        0.27305
         259316.78    4027464.78        0.23285                      259317.41
4027489.51        0.19738
         259318.05    4027514.24        0.16982                      259318.68
4027538.98        0.14840
         259319.32    4027563.71        0.13096                      259319.96
4027588.44        0.11651
         259320.59    4027613.17        0.10441                      259321.23
4027637.90        0.09371
         259321.86    4027662.63        0.08512                      259322.50
4027687.36        0.07825
         259323.14    4027712.10        0.07222                      259289.24
4027366.50        0.26409
         259289.88    4027391.23        0.25036                      259290.51
4027415.96        0.23546
         259291.15    4027440.69        0.21592                      259291.78
4027465.42        0.19007
         259292.42    4027490.16        0.16689                      259293.06
4027514.89        0.14705
         259293.69    4027539.62        0.13122                      259294.33
4027564.35        0.11861
         259294.96    4027589.08        0.10696                      259295.60
4027613.81        0.09691
         259296.24    4027638.54        0.08772                      259296.87
4027663.28        0.08004
         259297.51    4027688.01        0.07377                      259298.14
4027712.74        0.06845
         259264.25    4027367.14        0.20660                      259264.89
4027391.87        0.19804
         259265.52    4027416.60        0.18776                      259266.16
4027441.34        0.17548
         259266.79    4027466.07        0.15939                      259267.43
4027490.80        0.14252
         259268.07    4027515.53        0.12800                      259268.70
4027540.26        0.11606
         259269.34    4027564.99        0.10607                      259269.97
4027589.72        0.09695
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE2A ***
INCLUDING SOURCE(S): PHASE2A ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
259270.61	4027614.46	0.08882	259271.25	4027639.19	0.08144
259271.88	4027663.92	0.07497	259272.52	4027688.65	0.06938
259273.15	4027713.38	0.06457	259214.27	4027368.43	0.13610
259214.90	4027393.16	0.13240	259215.54	4027417.89	0.12772
259216.17	4027442.62	0.12205	259216.81	4027467.35	0.11566
259217.45	4027492.08	0.10749	259218.08	4027516.82	0.09927
259218.72	4027541.55	0.09177	259219.35	4027566.28	0.08467
259219.99	4027591.01	0.07849	259220.63	4027615.74	0.07367
259221.26	4027640.47	0.06896	259221.90	4027665.20	0.06464
259222.53	4027689.93	0.06061	259223.17	4027714.67	0.05710
259164.28	4027369.71	0.09516	259164.92	4027394.44	0.09409
259165.55	4027419.18	0.09221	259166.19	4027443.91	0.08911
259166.83	4027468.64	0.08603	259167.46	4027493.37	0.08184
259168.10	4027518.10	0.07724	259168.73	4027542.83	0.07313
259169.37	4027567.56	0.06928	259170.01	4027592.29	0.06540
259170.64	4027617.03	0.06243	259171.28	4027641.76	0.05952
259171.91	4027666.49	0.05638	259172.55		

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4027691.22        0.05328
         259173.19    4027715.95        0.05039                       259114.30
4027371.00        0.07321
         259114.93    4027395.73        0.07152                       259115.57
4027420.46        0.06991
         259116.21    4027445.19        0.06842                       259116.84
4027469.92        0.06685
         259117.48    4027494.65        0.06472                       259118.11
4027519.39        0.06277
         259118.75    4027544.12        0.06084                       259119.39
4027568.85        0.05863
         259120.02    4027593.58        0.05607                       259120.66
4027618.31        0.05374
         259121.29    4027643.04        0.05154                       259121.93
4027667.77        0.04931
         259122.57    4027692.51        0.04694                       259123.20
4027717.24        0.04461
         259064.32    4027372.28        0.05773                       259064.95
4027397.02        0.05660
         259065.59    4027421.75        0.05562                       259066.22
4027446.48        0.05494
         259066.86    4027471.21        0.05434                       259067.50
4027495.94        0.05388
         259068.13    4027520.67        0.05299                       259068.77
4027545.40        0.05145
         259069.40    4027570.13        0.04957                       259070.04
4027594.87        0.04779
         259070.68    4027619.60        0.04644                       259071.31
4027644.33        0.04482
         259071.95    4027669.06        0.04304                       259072.58
4027693.79        0.04128
         259073.22    4027718.52        0.03961                       258964.35
4027374.85        0.03825
         258964.98    4027399.59        0.03813                       258965.62
4027424.32        0.03836
         258966.26    4027449.05        0.03880                       258966.89
4027473.78        0.03912
         258967.53    4027498.51        0.03895                       258968.16
4027523.24        0.03838
         258968.80    4027547.97        0.03760                       258969.44
4027572.71        0.03676
         258970.07    4027597.44        0.03587                       258970.71
4027622.17        0.03494
         258971.34    4027646.90        0.03409                       258971.98
4027671.63        0.03336
         258972.62    4027696.36        0.03265                       258973.25
4027721.09        0.03184
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE2A ***
INCLUDING SOURCE(S): PHASE2A ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
258864.38	4027377.43	0.02841	258865.02	4027402.16	0.02848
258865.65	4027426.89	0.02872	258866.29	4027451.62	0.02893
258866.93	4027476.35	0.02903	258867.56	4027501.08	0.02911
258868.20	4027525.81	0.02889	258868.83	4027550.54	0.02877
258869.47	4027575.28	0.02859	258870.11	4027600.01	0.02829
258870.74	4027624.74	0.02784	258871.38	4027649.47	0.02735
258872.01	4027674.20	0.02674	258872.65	4027698.93	0.02622
258873.29	4027723.66	0.02566	258764.41	4027380.00	0.02279
258765.05	4027404.73	0.02282	258765.69	4027429.46	0.02300
258766.32	4027454.19	0.02318	258766.96	4027478.92	0.02328
258767.59	4027503.65	0.02329	258768.23	4027528.38	0.02330
258768.87	4027553.12	0.02327	258769.50	4027577.85	0.02314
258770.14	4027602.58	0.02297	258770.77	4027627.31	0.02278
258771.41	4027652.04	0.02252	258772.05	4027676.77	0.02205
258772.68	4027701.50	0.02164	258773.32	4027726.23	0.02126
258664.45	4027382.57	0.01867	258665.08		

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4027407.30        0.01885
         258665.72    4027432.03        0.01906                       258666.36
4027456.76        0.01929
         258666.99    4027481.49        0.01950                       258667.63
4027506.22        0.01960
         258668.26    4027530.95        0.01958                       258668.90
4027555.69        0.01945
         258669.54    4027580.42        0.01936                       258670.17
4027605.15        0.01926
         258670.81    4027629.88        0.01918                       258671.44
4027654.61        0.01912
         258672.08    4027679.34        0.01892                       258672.72
4027704.07        0.01861
         258673.35    4027728.81        0.01827                       258464.51
4027387.71        0.01360
         258465.15    4027412.44        0.01374                       258465.79
4027437.17        0.01391
         258466.42    4027461.90        0.01410                       258467.06
4027486.63        0.01432
         258467.69    4027511.37        0.01452                       258468.33
4027536.10        0.01467
         258468.97    4027560.83        0.01476                       258469.60
4027585.56        0.01478
         258470.24    4027610.29        0.01480                       258470.87
4027635.02        0.01476
         258471.51    4027659.75        0.01467                       258472.15
4027684.48        0.01455
         258472.78    4027709.22        0.01442                       258473.42
4027733.95        0.01428
         258264.58    4027392.85        0.01060                       258265.22
4027417.58        0.01076
         258265.85    4027442.31        0.01088                       258266.49
4027467.04        0.01106
         258267.12    4027491.78        0.01126                       258267.76
4027516.51        0.01142
         258268.40    4027541.24        0.01154                       258269.03
4027565.97        0.01164
         258269.67    4027590.70        0.01176                       258270.30
4027615.43        0.01184
         258270.94    4027640.16        0.01182                       258271.58
4027664.89        0.01179
         258272.21    4027689.63        0.01175                       258272.85
4027714.36        0.01168
         258273.48    4027739.09        0.01159                       258064.01
4027373.26        0.00857
         258064.65    4027397.99        0.00865                       258065.28
4027422.72        0.00877
         258065.92    4027447.45        0.00894                       258066.55
4027472.19        0.00914
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
```

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A ***
INCLUDING SOURCE(S): PHASE2A ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF OTHER IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
258067.19	4027496.92	0.00935	258067.83	4027521.65	0.00952
258068.46	4027546.38	0.00967	258069.10	4027571.11	0.00976
258069.73	4027595.84	0.00981	258070.37	4027620.57	0.00983
258071.01	4027645.30	0.00985	258071.64	4027670.04	0.00987
258072.28	4027694.77	0.00987	258072.91	4027719.50	0.00983
258073.55	4027744.23	0.00977	257864.08	4027378.40	0.00731
257864.71	4027403.13	0.00739	257865.35	4027427.86	0.00749
257865.98	4027452.60	0.00762	257866.62	4027477.33	0.00777
257867.26	4027502.06	0.00792	257867.89	4027526.79	0.00812
257868.53	4027551.52	0.00828	257869.16	4027576.25	0.00837
257869.80	4027600.98	0.00843	257870.44	4027625.72	0.00848
257871.07	4027650.45	0.00848	257871.71	4027675.18	0.00846
257872.34	4027699.91	0.00844	257872.98	4027724.64	0.00843
257873.62	4027749.37	0.00841	259373.56	4027735.81	0.07208
259396.16	4027735.41	0.07460	259418.75		

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4027735.01        0.07671
         259441.35    4027734.61        0.07789                   259463.95
4027734.22        0.08032
         259486.54    4027733.82        0.08225                   259509.14
4027733.42        0.08378
         259531.74    4027733.02        0.08528                   259554.33
4027732.62        0.08678
         259576.93    4027732.23        0.08820                   259356.27
4027753.86        0.06569
         259396.60    4027760.40        0.06768                   259419.19
4027760.01        0.06950
         259441.79    4027759.61        0.07101                   259464.39
4027759.21        0.07315
         259486.98    4027758.81        0.07512                   259509.58
4027758.42        0.07648
         259532.18    4027758.02        0.07774                   259554.77
4027757.62        0.07850
         259577.37    4027757.22        0.07921                   259356.71
4027778.86        0.06006
         259313.55    4027747.57        0.06311                   259397.04
4027785.40        0.06180
         259419.63    4027785.00        0.06351                   259442.23
4027784.61        0.06529
         259464.83    4027784.21        0.06718                   259487.42
4027783.81        0.06891
         259510.02    4027783.41        0.07008                   259532.62
4027783.01        0.07116
         259555.21    4027782.62        0.07222                   259577.81
4027782.22        0.07240
         259357.15    4027803.85        0.05562                   259321.69
4027789.98        0.05568
         259296.26    4027765.62        0.05812                   259397.48
4027810.40        0.05713
         259420.07    4027810.00        0.05861                   259442.67
4027809.60        0.06014
         259465.27    4027809.20        0.06191                   259487.86
4027808.81        0.06344
         259510.46    4027808.41        0.06446                   259533.06
4027808.01        0.06537
         259555.65    4027807.61        0.06633                   259578.25
4027807.21        0.06727
         259358.03    4027853.85        0.04881                   259322.57
4027839.97        0.04851
         259287.11    4027826.09        0.04804                   259261.67
4027801.73        0.04941
         259246.27    4027766.91        0.05305                   259398.36
4027860.39        0.04971
         259420.95    4027859.99        0.05082                   259443.55
4027859.59        0.05191
         259466.15    4027859.20        0.05320                   259488.74
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE2A ***
                                   INCLUDING SOURCE(S):   PHASE2A   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                            ** CONC OF OTHER   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

```
4027960.37        0.03895
         259422.71    4027959.98        0.03956                    259445.31
4027959.58        0.04003
         259467.91    4027959.18        0.04054                    259490.50
4027958.78        0.04127
         259513.10    4027958.38        0.04180                    259535.70
4027957.99        0.04212
         259558.29    4027957.59        0.04241                    259580.89
4027957.19        0.04239
         259359.06    4028003.19        0.03414                    259320.37
4027988.05        0.03453
         259281.69    4027972.91        0.03420                    259243.00
4027957.77        0.03393
         259204.32    4027942.63        0.03362                    259157.23
4027908.49        0.03331
         259140.43    4027870.50        0.03497                    259123.63
4027832.50        0.03641
         259106.82    4027794.51        0.03745                    259090.02
4027756.52        0.03850
         259401.00    4028010.37        0.03432                    259423.59
4028009.97        0.03478
         259446.19    4028009.57        0.03530                    259468.79
4028009.17        0.03581
         259491.38    4028008.77        0.03627                    259513.98
4028008.38        0.03666
         259536.58    4028007.98        0.03698                    259559.17
4028007.58        0.03728
         259581.77    4028007.18        0.03746                    259359.90
4028102.82        0.02783
         259319.37    4028086.95        0.02803                    259278.84
4028071.09        0.02832
         259238.31    4028055.23        0.02827                    259197.79
4028039.37        0.02793
         259157.26    4028023.50        0.02745                    259116.73
4028007.64        0.02688
         259087.67    4027979.81        0.02677                    259070.06
4027940.01        0.02751
         259052.46    4027900.20        0.02846                    259034.86
4027860.40        0.02947
         259017.26    4027820.60        0.03024                    258999.66
4027780.80        0.03087
         259402.76    4028110.35        0.02823                    259425.35
4028109.95        0.02857
         259447.95    4028109.55        0.02887                    259470.55
4028109.16        0.02913
         259493.14    4028108.76        0.02928                    259515.74
4028108.36        0.02938
         259538.34    4028107.96        0.02943                    259560.93
4028107.57        0.02944
         259583.53    4028107.17        0.02929                    259361.06
```

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A ***
                                  INCLUDING SOURCE(S):   PHASE2A   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         259235.90   4028153.58   0.02431   259194.18
4028137.25   0.02423
         259152.46   4028120.92   0.02392   259110.74
4028104.59   0.02320
         259069.02   4028088.27   0.02246   259018.25
4028051.45   0.02201
         259000.13   4028010.48   0.02257   258982.01
4027969.50   0.02327
         258963.89   4027928.53   0.02398   258945.77
4027887.56   0.02450
         258927.65   4027846.58   0.02498   258909.53
4027805.61   0.02529
         258891.41   4027764.64   0.02552   259404.52
4028210.33   0.02337
         259427.11   4028209.94   0.02352   259449.71
4028209.54   0.02370
         259472.31   4028209.14   0.02383   259494.90
4028208.74   0.02371
         259517.50   4028208.35   0.02381   259540.10
4028207.95   0.02391
         259562.69   4028207.55   0.02391   259585.29
4028207.15   0.02372
         259363.42   4028302.79   0.01979   259322.89
4028286.92   0.02002
         259282.36   4028271.06   0.02045   259241.83

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4028255.20        0.02081
         259201.31    4028239.34        0.02104                   259160.78
4028223.47        0.02096
         259120.25    4028207.61        0.02070                   259079.72
4028191.75        0.02021
         259039.20    4028175.89        0.01962                   258998.67
4028160.02        0.01898
         258949.34    4028124.26        0.01854                   258931.74
4028084.46        0.01906
         258914.14    4028044.66        0.01964                   258896.53
4028004.85        0.02015
         258878.93    4027965.05        0.02083                   258861.33
4027925.25        0.02126
         258843.73    4027885.45        0.02135                   258826.13
4027845.64        0.02135
         258808.52    4027805.84        0.02145                   258790.92
4027766.04        0.02131
         259406.28    4028310.32        0.01976                   259428.87
4028309.92        0.01989
         259451.47    4028309.52        0.01999                   259474.07
4028309.13        0.02010
         259496.66    4028308.73        0.02009                   259519.26
4028308.33        0.02019
         259541.86    4028307.93        0.02021                   259564.45
4028307.53        0.02013
         259587.05    4028307.14        0.01999                   259364.75
4028402.61        0.01700
         259323.38    4028386.41        0.01724                   259282.01
4028370.22        0.01759
         259240.64    4028354.03        0.01793                   259199.27
4028337.83        0.01818
         259157.90    4028321.64        0.01825                   259116.52
4028305.45        0.01829
         259075.15    4028289.26        0.01826                   259033.78
4028273.06        0.01788
         258992.41    4028256.87        0.01731                   258951.04
4028240.68        0.01669
         258909.67    4028224.48        0.01607                   258880.00
4028196.07        0.01600
         258862.03    4028155.44        0.01641                   258844.06
4028114.81        0.01683
         258826.09    4028074.18        0.01735                   258808.12
4028033.54        0.01792
         258790.15    4027992.91        0.01821                   258772.18
4027952.28        0.01819
         258754.21    4027911.65        0.01818                   258736.24
4027871.02        0.01820
         258718.27    4027830.39        0.01817                   258700.30
4027789.75        0.01816
         259408.04    4028410.30        0.01706                   259430.63
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4028409.91   0.01722
         259453.23   4028409.51   0.01735   259475.83
4028409.11   0.01747
         259498.42   4028408.71   0.01758   259521.02
4028408.31   0.01766
↑ *** AERMOD - VERSION 23132 ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc   ***   07/04/24
 *** AERMET - VERSION 21112 ***   ***
                      ***   18:20:08

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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A ***
                                    INCLUDING SOURCE(S):   PHASE2A   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

4028138.39 0.01415
258634.39 4028097.95 0.01425 258616.51
4028057.50 0.01422
258598.62 4028017.06 0.01422 258580.73
4027976.61 0.01418
258562.85 4027936.17 0.01420 258544.96
4027895.73 0.01423
258527.08 4027855.28 0.01427 258509.19
4027814.84 0.01427
258491.30 4027774.39 0.01428 259411.56
4028610.27 0.01352
259434.15 4028609.88 0.01352 259456.75
4028609.48 0.01356
259479.35 4028609.08 0.01362 259501.94
4028608.68 0.01368
259524.54 4028608.28 0.01367 259547.14
4028607.89 0.01365
259569.73 4028607.49 0.01360 259592.33
4028607.09 0.01353
259371.95 4028802.60 0.01118 259330.89
4028786.53 0.01131
259289.83 4028770.46 0.01140 259248.77
4028754.39 0.01144
259207.71 4028738.32 0.01147 259166.65
4028722.25 0.01152
259125.59 4028706.18 0.01159 259084.53
4028690.11 0.01170
259043.47 4028674.04 0.01185 259002.40
4028657.96 0.01193
258961.34 4028641.89 0.01204 258920.28
4028625.82 0.01211
258879.22 4028609.75 0.01207 258838.16
4028593.68 0.01187
258797.10 4028577.61 0.01157 258756.04
4028561.54 0.01119
258714.98 4028545.47 0.01078 258673.92
4028529.39 0.01043
258632.86 4028513.32 0.01020 258603.41
4028485.13 0.01029
258585.58 4028444.80 0.01057 258567.74
4028404.47 0.01088
258549.91 4028364.15 0.01118 258532.08
4028323.82 0.01142
258514.24 4028283.49 0.01155 258496.41
4028243.17 0.01159
258478.57 4028202.84 0.01158 258460.74
4028162.51 0.01148
258442.91 4028122.19 0.01143 258425.07
4028081.86 0.01141
258407.24 4028041.54 0.01145 258389.40

4028001.21   0.01153
         258371.57   4027960.88   0.01161   258353.74
4027920.56   0.01168
         258335.90   4027880.23   0.01172   258318.07
4027839.90   0.01173
         258300.23   4027799.58   0.01171   259415.08
4028810.24   0.01113

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A ***
                                INCLUDING SOURCE(S):   PHASE2A   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

4028871.18 0.00988
259018.82 4028862.98 0.00988 258997.87
4028854.78 0.00991
258976.91 4028846.58 0.00996 258935.00
4028830.17 0.01005
258914.05 4028821.97 0.01008 258893.09
4028813.77 0.01011
258872.14 4028805.57 0.01016 258851.18
4028797.37 0.01020
258809.27 4028780.96 0.01023 258788.32
4028772.76 0.01021
258767.37 4028764.56 0.01018 258746.41
4028756.36 0.01013
258704.50 4028739.96 0.00992 258683.55
4028731.75 0.00979
258662.59 4028723.55 0.00963 258641.64
4028715.35 0.00947
258599.73 4028698.95 0.00918 258578.77
4028690.75 0.00905
258557.82 4028682.55 0.00894 258536.87
4028674.34 0.00884
258494.96 4028657.94 0.00876 258464.90
4028629.16 0.00883
258455.80 4028608.58 0.00894 258437.60
4028567.42 0.00917
258428.50 4028546.84 0.00928 258410.29
4028505.68 0.00950
258401.19 4028485.10 0.00959 258382.99
4028443.94 0.00973
258373.89 4028423.36 0.00976 258355.69
4028382.20 0.00978
258346.59 4028361.62 0.00976 258328.38
4028320.46 0.00970
258310.18 4028279.30 0.00962 258291.98
4028238.14 0.00956
258282.88 4028217.56 0.00955 258264.67
4028176.40 0.00955
258255.57 4028155.83 0.00958 258237.37
4028114.67 0.00966
258228.27 4028094.09 0.00970 258210.07
4028052.93 0.00979
258200.97 4028032.35 0.00983 258182.76
4027991.19 0.00990
258173.66 4027970.61 0.00992 258155.46
4027929.45 0.00994
258146.36 4027908.87 0.00994 258128.16
4027867.71 0.00993
258109.95 4027826.55 0.00987 258091.75
4027785.39 0.00981
259418.60 4029010.21 0.00938 259441.19

4029009.81   0.00937
         259463.79   4029009.42   0.00934   259486.39
4029009.02   0.00928
         259508.98   4029008.62   0.00923   259531.58
4029008.22   0.00921
         259554.18   4029007.82   0.00919   259576.77
4029007.43   0.00915
         259599.37   4029007.03   0.00911   259378.66
4029202.41   0.00808

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A ***
                                  INCLUDING SOURCE(S):   PHASE2A   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         259336.94   4029186.08   0.00822   259295.22
4029169.76   0.00837
         259253.50   4029153.43   0.00853   259211.78
4029137.10   0.00863
         259170.06   4029120.77   0.00875   259128.34
4029104.44   0.00881
         259086.63   4029088.11   0.00881   259044.91
4029071.78   0.00876
         259003.19   4029055.45   0.00869   258961.47
4029039.12   0.00864
         258919.75   4029022.79   0.00861   258878.03
4029006.47   0.00858
         258836.31   4028990.14   0.00866   258794.59
4028973.81   0.00877
         258752.87   4028957.48   0.00880   258711.15
4028941.15   0.00883
         258669.43   4028924.82   0.00882   258627.71
4028908.49   0.00869
         258585.99   4028892.16   0.00853   258544.27

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4028875.83        0.00831
         258502.55    4028859.51        0.00810                  258460.83
4028843.18        0.00790
         258419.12    4028826.85        0.00778                  258377.40
4028810.52        0.00772
         258326.62    4028773.70        0.00776                  258308.50
4028732.73        0.00792
         258290.38    4028691.76        0.00809                  258272.26
4028650.78        0.00824
         258254.14    4028609.81        0.00835                  258236.02
4028568.84        0.00842
         258217.90    4028527.86        0.00842                  258199.78
4028486.89        0.00836
         258181.66    4028445.92        0.00829                  258163.54
4028404.94        0.00824
         258145.42    4028363.97        0.00821                  258127.30
4028323.00        0.00821
         258109.18    4028282.02        0.00822                  258091.06
4028241.05        0.00827
         258072.94    4028200.08        0.00834                  258054.82
4028159.10        0.00842
         258036.70    4028118.13        0.00851                  258018.58
4028077.16        0.00860
         258000.46    4028036.18        0.00861                  257982.34
4027995.21        0.00862
         257964.22    4027954.24        0.00861                  257946.10
4027913.26        0.00858
         257927.98    4027872.29        0.00854                  257909.86
4027831.32        0.00850
         257891.74    4027790.35        0.00847                  259422.12
4029210.18        0.00801
         259444.71    4029209.78        0.00799                  259467.31
4029209.38        0.00797
         259489.91    4029208.99        0.00795                  259512.50
4029208.59        0.00791
         259535.10    4029208.19        0.00787                  259557.70
4029207.79        0.00784
         259580.29    4029207.40        0.00780                  259602.89
4029207.00        0.00776
         259621.33    4027730.68        0.09257                  259665.29
4027729.15        0.09752
         259709.26    4027727.61        0.10234                  259600.22
4027756.43        0.08093
         259644.18    4027754.90        0.08545                  259688.15
4027753.36        0.08899
         259732.11    4027751.83        0.09205                  259601.09
4027781.42        0.07358
         259645.05    4027779.88        0.07730                  259689.02
4027778.35        0.07971
         259732.99    4027776.81        0.08171                  259601.96
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4027806.40        0.06787
         259645.93    4027804.87        0.07026                       259689.89
4027803.33        0.07180
         259733.86    4027801.80        0.07299                       259603.70
4027856.37        0.05793
         259647.67    4027854.84        0.05872                       259691.64
4027853.30        0.05908
         259735.60    4027851.77        0.05925                       259605.45
4027906.34        0.04874
         259649.41    4027904.81        0.04953                       259693.38
4027903.27        0.04945
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 139
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A  ***
                                INCLUDING SOURCE(S):     PHASE2A     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         259737.35    4027901.74        0.04912                       259607.19
4027956.31        0.04216
         259651.16    4027954.78        0.04193                       259695.12
4027953.24        0.04213
         259739.09    4027951.71        0.04161                       259608.94
4028006.28        0.03724
         259652.90    4028004.75        0.03649                       259696.87
4028003.21        0.03610
         259740.83    4028001.68        0.03582                       259612.42
4028106.22        0.02903
         259656.39    4028104.69        0.02836                       259700.35
4028103.15        0.02777
         259744.32    4028101.62        0.02726                       259615.91
4028206.16        0.02345
         259659.88    4028204.62        0.02285                       259703.84
4028203.09        0.02234
         259747.81    4028201.56        0.02170                       259619.40
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4028306.10 0.01979
259663.36 4028304.56 0.01934 259707.33
4028303.03 0.01878
259751.30 4028301.49 0.01822 259622.89
4028406.04 0.01710
259666.85 4028404.50 0.01675 259710.82
4028402.97 0.01633
259754.78 4028401.43 0.01578 259629.86
4028605.92 0.01338
259673.83 4028604.38 0.01317 259717.79
4028602.85 0.01287
259761.76 4028601.31 0.01247 259636.84
4028805.79 0.01073
259680.80 4028804.26 0.01055 259724.77
4028802.73 0.01036
259768.73 4028801.19 0.01013 259643.81
4029005.67 0.00897
259687.78 4029004.14 0.00882 259731.74
4029002.60 0.00869
259775.71 4029001.07 0.00852 259628.80
4029206.32 0.00772
259672.77 4029204.78 0.00762 259716.74
4029203.25 0.00753
259760.70 4029201.71 0.00744 259755.00
4027725.55 0.10662
259778.26 4027724.27 0.10810 259801.52
4027722.99 0.10863
259824.78 4027721.71 0.10727 259848.04
4027720.44 0.10656
259871.30 4027719.16 0.10530 259894.56
4027717.88 0.10259
259756.37 4027750.51 0.09351 259779.63
4027749.23 0.09439
259802.89 4027747.95 0.09460 259826.15
4027746.68 0.09397
259849.41 4027745.40 0.09273 259872.67
4027744.12 0.09102
259895.93 4027742.84 0.08834 259757.74
4027775.47 0.08264
259781.00 4027774.19 0.08310 259804.26
4027772.92 0.08307
259827.52 4027771.64 0.08250 259850.78
4027770.36 0.08142
259874.04 4027769.08 0.07988 259897.30
4027767.81 0.07702
259759.11 4027800.43 0.07354 259782.37
4027799.16 0.07373
259805.63 4027797.88 0.07325 259828.89
4027796.60 0.07269
259852.15 4027795.32 0.07121 259875.41

4027993.75 0.03294
259909.64 4027992.47 0.03210 259775.56
4028099.98 0.02699
259798.82 4028098.70 0.02658 259822.08
4028097.43 0.02605
259845.34 4028096.15 0.02558 259868.60
4028094.87 0.02513
259891.86 4028093.60 0.02463 259915.12
4028092.32 0.02410
259781.04 4028199.83 0.02103 259804.30
4028198.55 0.02051
259827.56 4028197.28 0.02010 259850.82
4028196.00 0.01977
259874.08 4028194.72 0.01946 259897.34
4028193.45 0.01912
259920.60 4028192.17 0.01868 259786.52
4028299.68 0.01768
259809.78 4028298.40 0.01730 259833.04
4028297.13 0.01690
259856.30 4028295.85 0.01647 259879.56
4028294.57 0.01607
259902.82 4028293.29 0.01571 259926.08
4028292.02 0.01538
259792.01 4028399.53 0.01521 259815.27
4028398.25 0.01477
259838.53 4028396.98 0.01432 259861.79
4028395.70 0.01389
259885.05 4028394.42 0.01353 259908.31
4028393.14 0.01323
259931.57 4028391.87 0.01296 259802.97
4028599.23 0.01197
259826.23 4028597.95 0.01167 259849.49
4028596.67 0.01137
259872.75 4028595.40 0.01109 259896.01
4028594.12 0.01083
259919.27 4028592.84 0.01058 259942.53
4028591.57 0.01035
259813.94 4028798.93 0.00980 259837.20
4028797.65 0.00961
259860.46 4028796.37 0.00942 259883.72
4028795.10 0.00922
259906.98 4028793.82 0.00900 259930.24
4028792.54 0.00878
259953.50 4028791.27 0.00857 259801.64
4028999.90 0.00839
259824.90 4028998.63 0.00825 259848.16
4028997.35 0.00811
259871.42 4028996.07 0.00799 259894.68
4028994.80 0.00787
259917.94 4028993.52 0.00774 259941.20

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4028992.24        0.00758
         259964.46    4028990.96        0.00742                       259797.65
4029200.28        0.00731
         259835.87    4029198.33        0.00718                       259859.13
4029197.05        0.00710
         259882.39    4029195.77        0.00702                       259905.65
4029194.50        0.00692
         259928.91    4029193.22        0.00682                       259952.17
4029191.94        0.00670
         259975.43    4029190.66        0.00659                       259939.86
4027716.72        0.09380
         259962.87    4027716.12        0.08983                       259985.88
4027715.52        0.08486
         260008.89    4027714.93        0.07841                       260031.90
4027714.33        0.07179
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 141
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A  ***
                                  INCLUDING SOURCE(S):     PHASE2A     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         260054.91    4027713.73        0.06527                       260077.92
4027713.14        0.05918
         260100.94    4027712.54        0.05387                       260123.95
4027711.94        0.04909
         260146.96    4027711.35        0.04505                       260169.97
4027710.75        0.04135
         259940.51    4027741.71        0.08101                       259963.52
4027741.11        0.07769
         259986.53    4027740.52        0.07378                       260009.54
4027739.92        0.06909
         260032.55    4027739.32        0.06366                       260055.56
4027738.73        0.05830
         260078.57    4027738.13        0.05332                       260101.58
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4027737.53        0.04892
         260124.59    4027736.94        0.04491                  260147.61
4027736.34        0.04153
         260170.62    4027735.74        0.03844                  259941.16
4027766.70        0.07041
         259964.17    4027766.10        0.06742                  259987.18
4027765.51        0.06430
         260010.19    4027764.91        0.06092                  260033.20
4027764.31        0.05687
         260056.21    4027763.72        0.05277                  260079.22
4027763.12        0.04865
         260102.23    4027762.52        0.04466                  260125.24
4027761.93        0.04103
         260148.25    4027761.33        0.03816                  260171.26
4027760.73        0.03556
         259941.80    4027791.69        0.06253                  259964.81
4027791.10        0.06006
         259987.83    4027790.50        0.05732                  260010.84
4027789.90        0.05423
         260033.85    4027789.31        0.05094                  260056.86
4027788.71        0.04781
         260079.87    4027788.11        0.04457                  260102.88
4027787.52        0.04123
         260125.89    4027786.92        0.03785                  260148.90
4027786.32        0.03522
         260171.91    4027785.73        0.03282                  259943.10
4027841.68        0.05054
         259966.11    4027841.08        0.04840                  259989.12
4027840.48        0.04609
         260012.13    4027839.89        0.04358                  260035.14
4027839.29        0.04125
         260058.15    4027838.69        0.03891                  260081.16
4027838.10        0.03661
         260104.18    4027837.50        0.03436                  260127.19
4027836.90        0.03208
         260150.20    4027836.31        0.03006                  260173.21
4027835.71        0.02812
         259944.40    4027891.66        0.04160                  259967.41
4027891.06        0.03964
         259990.42    4027890.47        0.03789                  260013.43
4027889.87        0.03635
         260036.44    4027889.27        0.03459                  260059.45
4027888.68        0.03302
         260082.46    4027888.08        0.03138                  260105.47
4027887.48        0.02966
         260128.48    4027886.89        0.02790                  260151.49
4027886.29        0.02636
         260174.50    4027885.69        0.02491                  259945.69
4027941.64        0.03534
         259968.70    4027941.05        0.03391                  259991.71
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4027940.45        0.03255
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4027939.26        0.02985
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4027938.06        0.02717
         260106.77    4027937.47        0.02592                       260129.78
4027936.87        0.02467
         260152.79    4027936.27        0.02347                       260175.80
4027935.68        0.02230
         259946.99    4027991.63        0.03045                       259970.00
4027991.03        0.02937
         259993.01    4027990.43        0.02815                       260016.02
4027989.84        0.02692
         260039.03    4027989.24        0.02578                       260062.04
4027988.64        0.02469
         260085.05    4027988.05        0.02369                       260108.06
4027987.45        0.02272
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 142
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A  ***
                                 INCLUDING SOURCE(S):     PHASE2A     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         260131.07    4027986.85        0.02172                       260154.09
4027986.26        0.02079
         260177.10    4027985.66        0.01980                       259949.58
4028091.59        0.02315
         259972.59    4028091.00        0.02247                       259995.60
4028090.40        0.02173
         260018.61    4028089.80        0.02097                       260041.62
4028089.21        0.02027
         260064.63    4028088.61        0.01959                       260087.65
4028088.01        0.01898
         260110.66    4028087.42        0.01833                       260133.67
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4028086.82        0.01762
         260156.68    4028086.22        0.01695                    260179.69
4028085.63        0.01628
         259952.17    4028191.56        0.01816                    259975.18
4028190.96        0.01799
         259998.19    4028190.37        0.01768                    260021.20
4028189.77        0.01723
         260044.22    4028189.17        0.01666                    260067.23
4028188.58        0.01614
         260090.24    4028187.98        0.01571                    260113.25
4028187.38        0.01520
         260136.26    4028186.79        0.01463                    260159.27
4028186.19        0.01412
         260182.28    4028185.59        0.01353                    259954.76
4028291.53        0.01495
         259977.78    4028290.93        0.01476                    260000.79
4028290.33        0.01457
         260023.80    4028289.74        0.01430                    260046.81
4028289.14        0.01395
         260069.82    4028288.54        0.01355                    260092.83
4028287.95        0.01314
         260115.84    4028287.35        0.01271                    260138.85
4028286.75        0.01229
         260161.86    4028286.16        0.01193                    260184.87
4028285.56        0.01157
         259957.36    4028391.49        0.01268                    259980.37
4028390.89        0.01248
         260003.38    4028390.30        0.01231                    260026.39
4028389.70        0.01211
         260049.40    4028389.10        0.01189                    260072.41
4028388.51        0.01166
         260095.42    4028387.91        0.01143                    260118.43
4028387.31        0.01121
         260141.44    4028386.72        0.01098                    260164.45
4028386.12        0.01072
         260187.46    4028385.52        0.01041                    259985.55
4028590.83        0.00996
         260008.56    4028590.23        0.00978                    260031.57
4028589.63        0.00959
         260054.58    4028589.04        0.00942                    260077.59
4028588.44        0.00926
         260100.61    4028587.84        0.00909                    260123.62
4028587.25        0.00895
         260146.63    4028586.65        0.00880                    260169.64
4028586.05        0.00864
         260192.65    4028585.46        0.00847                    259990.74
4028790.76        0.00828
         260013.75    4028790.16        0.00812                    260036.76
4028789.57        0.00795
         260059.77    4028788.97        0.00781                    260082.78
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4028788.37   0.00767
         260105.79   4028787.78   0.00754   260128.80
4028787.18   0.00741
         260151.81   4028786.58   0.00729   260174.82
4028785.99   0.00717
         260197.83   4028785.39   0.00704   259995.92
4028990.69   0.00720
         260018.93   4028990.10   0.00704   260041.94
4028989.50   0.00687
         260064.95   4028988.90   0.00672   260087.96
4028988.31   0.00657
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4028987.11   0.00632
         260157.00   4028986.52   0.00620   260180.01
4028985.92   0.00611
         260203.02   4028985.32   0.00600   260001.10
4029190.63   0.00645
         260024.11   4029190.03   0.00631   260047.13
4029189.43   0.00617

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A ***
                                 INCLUDING SOURCE(S):   PHASE2A   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

4027700.10 0.03516
260192.81 4027726.50 0.03630 260220.40
4027671.92 0.03625
260238.40 4027703.19 0.03157 260226.93
4027727.68 0.03152
260208.71 4027745.13 0.03254 260245.34
4027673.65 0.03208
260262.96 4027705.74 0.02847 260250.72
4027731.86 0.02851
260225.17 4027763.53 0.02910 260198.54
4027774.63 0.03112
260270.28 4027675.38 0.02881 260312.40
4027710.13 0.02337
260299.29 4027738.12 0.02368 260286.18
4027766.11 0.02366
260258.80 4027800.04 0.02372 260230.27
4027811.93 0.02517
260201.74 4027823.82 0.02665 260320.16
4027678.84 0.02355
260362.04 4027714.11 0.01938 260348.44
4027743.14 0.01983
260334.84 4027772.16 0.02011 260321.24
4027801.19 0.02009
260292.85 4027836.38 0.02017 260263.26
4027848.71 0.02126
260233.68 4027861.03 0.02242 260204.09
4027873.36 0.02364
260370.04 4027682.30 0.01904 260411.77
4027717.90 0.01599
260397.86 4027747.59 0.01654 260383.95
4027777.27 0.01715
260370.04 4027806.96 0.01752 260356.13
4027836.64 0.01747
260327.10 4027872.63 0.01750 260296.84
4027885.24 0.01832
260266.58 4027897.85 0.01923 260236.32
4027910.46 0.02026
260206.06 4027923.07 0.02131 260419.92
4027685.76 0.01588
260461.54 4027721.59 0.01332 260447.42
4027751.73 0.01388
260433.30 4027781.87 0.01454 260419.17
4027812.01 0.01511
260405.05 4027842.16 0.01535 260390.93
4027872.30 0.01529
260361.44 4027908.84 0.01547 260330.72
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4027947.25 0.01762
260238.55 4027960.05 0.01829 260207.82

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4027972.86        0.01902
         260469.80    4027689.22        0.01327                       260561.16
4027728.81        0.00995
         260546.76    4027759.54        0.01034                       260532.36
4027790.27        0.01077
         260517.96    4027821.00        0.01131                       260503.57
4027851.73        0.01185
         260489.17    4027882.47        0.01230                       260474.77
4027913.20        0.01254
         260460.37    4027943.93        0.01255                       260430.31
4027981.19        0.01260
         260398.98    4027994.25        0.01290                       260367.65
4028007.30        0.01330
         260336.32    4028020.35        0.01386                       260305.00
4028033.41        0.01439
         260273.67    4028046.46        0.01483                       260242.34
4028059.52        0.01520
         260211.02    4028072.57        0.01570                       260569.56
4027696.14        0.00996
         260660.84    4027735.91        0.00798                       260646.27
4027767.01        0.00812
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***       18:20:08

                                 PAGE 144
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A  ***
                                 INCLUDING SOURCE(S):     PHASE2A     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
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4027829.20        0.00867
         260602.55    4027860.30        0.00917                       260587.98
4027891.40        0.00968
         260573.41    4027922.50        0.01010                       260558.84
4027953.60        0.01036
         260544.27    4027984.69        0.01036                       260529.70
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260499.28 4028053.49 0.01042 260467.58
4028066.70 0.01071
260435.88 4028079.91 0.01097 260404.18
4028093.12 0.01125
260372.48 4028106.33 0.01159 260340.78
4028119.54 0.01197
260309.08 4028132.75 0.01226 260277.38
4028145.96 0.01254
260245.68 4028159.17 0.01282 260213.98
4028172.38 0.01307
260669.32 4027703.06 0.00807 260760.54
4027742.95 0.00654
260745.85 4027774.30 0.00650 260731.16
4027805.65 0.00662
260716.48 4027836.99 0.00688 260701.79
4027868.34 0.00728
260687.10 4027899.69 0.00775 260672.42
4027931.03 0.00823
260657.73 4027962.38 0.00862 260643.04
4027993.73 0.00884
260628.35 4028025.07 0.00892 260613.67
4028056.42 0.00894
260598.98 4028087.77 0.00888 260568.32
4028125.77 0.00885
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4028152.40 0.00925
260472.46 4028165.72 0.00949 260440.50
4028179.03 0.00977
260408.55 4028192.35 0.01001 260376.59
4028205.67 0.01018
260344.64 4028218.98 0.01035 260312.69
4028232.30 0.01052
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4028258.93 0.01090
260216.83 4028272.24 0.01124 260769.08
4027709.98 0.00677
260860.50 4027749.44 0.00573 260846.22
4027779.91 0.00560
260831.94 4027810.39 0.00558 260817.67
4027840.87 0.00565
260803.39 4027871.34 0.00583 260789.11
4027901.82 0.00613
260774.83 4027932.29 0.00649 260760.55
4027962.77 0.00690
260746.27 4027993.25 0.00728 260731.99
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260717.71 4028054.20 0.00775 260703.43
4028084.67 0.00782
260689.15 4028115.15 0.00780 260674.87

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         260606.86    4028210.76        0.00779                       260575.79
4028223.71        0.00799
         260544.72    4028236.65        0.00819                       260513.66
4028249.60        0.00838
         260482.59    4028262.54        0.00858                       260451.53
4028275.49        0.00871
         260420.46    4028288.43        0.00883                       260389.39
4028301.38        0.00896
         260358.33    4028314.32        0.00911                       260327.26
4028327.27        0.00926
         260296.20    4028340.22        0.00941                       260265.13
4028353.16        0.00964
         260234.06    4028366.11        0.00993                       260868.84
4027716.90        0.00597
         261059.92    4027763.51        0.00476                       261045.42
4027794.44        0.00456
         261030.93    4027825.37        0.00440                       261016.43
4027856.31        0.00432
         261001.94    4027887.24        0.00428                       260987.45
4027918.18        0.00433
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 145
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A  ***
                                 INCLUDING SOURCE(S):     PHASE2A     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         260972.95    4027949.11        0.00445                       260958.46
4027980.05        0.00467
         260943.97    4028010.98        0.00496                       260929.47
4028041.92        0.00528
         260914.98    4028072.85        0.00558                       260900.48
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4028165.65 0.00619
260857.00 4028196.59 0.00624 260842.51
4028227.52 0.00619
260828.02 4028258.46 0.00607 260813.52
4028289.39 0.00597
260799.03 4028320.33 0.00595 260776.01
4028342.36 0.00598
260744.48 4028355.50 0.00612 260712.95
4028368.64 0.00627
260681.41 4028381.78 0.00641 260649.88
4028394.92 0.00655
260618.35 4028408.06 0.00667 260586.81
4028421.20 0.00678
260555.28 4028434.34 0.00686 260523.75
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260492.21 4028460.63 0.00698 260460.68
4028473.77 0.00703
260429.15 4028486.91 0.00709 260397.62
4028500.05 0.00710
260366.08 4028513.19 0.00730 260334.55
4028526.33 0.00753
260303.02 4028539.47 0.00773 260271.48
4028552.61 0.00798
260239.95 4028565.75 0.00821 261068.36
4027730.74 0.00500
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4027808.73 0.00404
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4027933.66 0.00346
261171.56 4027964.89 0.00342 261156.93
4027996.13 0.00345
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4028058.59 0.00372
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4028183.53 0.00477
261054.49 4028214.76 0.00499 261039.86
4028245.99 0.00516
261025.23 4028277.23 0.00523 261010.59
4028308.46 0.00521
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4028370.93 0.00509
260966.69 4028402.16 0.00499 260952.06
4028433.39 0.00492
260937.42 4028464.63 0.00488 260914.19

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4028539.95        0.00537
         260755.00    4028553.21        0.00548                       260723.16
4028566.48        0.00557
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4028593.02        0.00566
         260627.64    4028606.28        0.00569                       260595.81
4028619.55        0.00572
         260563.97    4028632.82        0.00573                       260532.13
4028646.08        0.00572
         260500.29    4028659.35        0.00578                       260468.46
4028672.62        0.00592
         260436.62    4028685.89        0.00608                       260404.78
4028699.15        0.00624
         260372.94    4028712.42        0.00642                       260341.10
4028725.69        0.00660
         260309.27    4028738.96        0.00670                       260277.43
4028752.22        0.00678
         260245.59    4028765.49        0.00687                       261267.88
4027744.58        0.00437
         261458.97    4027791.15        0.00379                       261444.51
4027822.03        0.00365
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 146
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A  ***
                                  INCLUDING SOURCE(S):     PHASE2A     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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4028069.00        0.00287
         261314.33    4028099.87        0.00292                   261299.86
4028130.74        0.00305
         261285.40    4028161.62        0.00323                   261270.93
4028192.49        0.00346
         261256.47    4028223.36        0.00369                   261242.00
4028254.23        0.00391
         261227.54    4028285.10        0.00411                   261213.07
4028315.98        0.00428
         261198.61    4028346.85        0.00442                   261184.15
4028377.72        0.00448
         261169.68    4028408.59        0.00448                   261155.22
4028439.46        0.00445
         261140.75    4028470.34        0.00438                   261126.29
4028501.21        0.00430
         261111.82    4028532.08        0.00422                   261097.36
4028562.95        0.00418
         261082.89    4028593.82        0.00414                   261052.69
4028631.25        0.00415
         261021.23    4028644.37        0.00423                   260989.76
4028657.48        0.00432
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4028683.71        0.00451
         260895.35    4028696.82        0.00459                   260863.88
4028709.94        0.00467
         260832.41    4028723.05        0.00473                   260800.94
4028736.16        0.00478
         260769.47    4028749.28        0.00482                   260738.00
4028762.39        0.00485
         260706.53    4028775.50        0.00484                   260675.06
4028788.62        0.00484
         260643.59    4028801.73        0.00487                   260612.12
4028814.85        0.00492
         260580.65    4028827.96        0.00499                   260549.18
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4028867.30        0.00528
         260454.77    4028880.41        0.00540                   260423.30
4028893.53        0.00551
         260391.83    4028906.64        0.00560                   260360.37
4028919.75        0.00568
         260328.90    4028932.87        0.00574                   260297.43
4028945.98        0.00581
         260265.96    4028959.10        0.00587                   260234.49
4028972.21        0.00593
         261467.40    4027758.42        0.00390                   261658.44
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4027867.30        0.00328
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4027929.50        0.00308
         261585.59    4027960.60        0.00296                       261571.02
4027991.69        0.00283
         261556.45    4028022.79        0.00271                       261541.88
4028053.89        0.00261
         261527.30    4028084.99        0.00253                       261512.73
4028116.09        0.00248
         261498.16    4028147.19        0.00247                       261483.59
4028178.28        0.00251
         261469.02    4028209.38        0.00260                       261454.45
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         261439.88    4028271.58        0.00292                       261425.31
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4028427.07        0.00383
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4028489.27        0.00394
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4028551.46        0.00390
         261294.18    4028582.56        0.00382                       261279.61
4028613.66        0.00373
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 147
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A  ***
                                 INCLUDING SOURCE(S):     PHASE2A     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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         261127.50    4028802.17        0.00374                    261095.80
4028815.38        0.00382
         261064.10    4028828.59        0.00388                    261032.40
4028841.80        0.00398
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4028947.48        0.00416
         260747.10    4028960.69        0.00418                    260715.40
4028973.90        0.00421
         260683.70    4028987.11        0.00425                    260652.00
4029000.32        0.00433
         260620.30    4029013.53        0.00442                    260588.60
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         260556.90    4029039.95        0.00461                    260525.20
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         260493.50    4029066.37        0.00477                    260461.80
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4029106.00        0.00490
         260366.70    4029119.21        0.00494                    260335.00
4029132.42        0.00498
         260303.30    4029145.63        0.00506                    260271.60
4029158.84        0.00514
         260239.90    4029172.05        0.00523                    261666.92
4027772.26        0.00351
         260195.10    4027643.19        0.04445                    260194.68
4027618.34        0.04842
         260194.26    4027593.49        0.05338                    260193.84
4027568.64        0.06066
         260193.42    4027543.79        0.07037                    260193.01
4027518.94        0.08329
         260192.59    4027494.09        0.10125                    260192.17
4027469.24        0.12745
         260191.75    4027444.39        0.17172                    260191.33
4027419.55        0.25695
         260190.91    4027394.70        0.44538                    260190.50
4027369.85        0.63607
         260190.08    4027345.00        0.70073                    260189.66
4027320.15        0.61549
         260189.24    4027295.30        0.49534                    260188.82
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4027270.45        0.40440
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4027220.75        0.29022
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4027171.05        0.22307
         260186.73    4027146.20        0.19862                       260186.31
4027121.35        0.17705
         260185.89    4027096.50        0.15920                       260185.48
4027071.65        0.14478
         260185.06    4027046.81        0.13169                       260184.64
4027021.96        0.12045
         260184.22    4026997.11        0.11219                       260183.80
4026972.26        0.10503
         260183.38    4026947.41        0.09870                       260182.96
4026922.56        0.09290
         260220.09    4027642.77        0.03882                       260219.68
4027617.92        0.04180
         260219.26    4027593.07        0.04552                       260218.84
4027568.22        0.05151
         260218.42    4027543.37        0.05990                       260218.00
4027518.52        0.06990
         260217.58    4027493.67        0.08093                       260217.17
4027468.82        0.09556
         260216.75    4027443.97        0.11843                       260216.33
4027419.12        0.15639
         260215.91    4027394.28        0.22993                       260215.49
4027369.43        0.32082
         260215.07    4027344.58        0.38696                       260214.66
4027319.73        0.40148
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                        ***        18:20:08

                                   PAGE 148
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A  ***
                                   INCLUDING SOURCE(S):     PHASE2A     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4027592.23        0.03507
         260268.83    4027567.38        0.03911                        260268.41
4027542.53        0.04309
         260268.00    4027517.68        0.04788                        260267.58
4027492.83        0.05346
         260267.16    4027467.98        0.06021                        260266.74
4027443.13        0.07158
         260266.32    4027418.28        0.08652                        260265.90
4027393.43        0.10729
         260265.49    4027368.58        0.13350                        260265.07
4027343.73        0.16185
         260264.65    4027318.89        0.18681                        260264.23
4027294.04        0.20290
         260263.81    4027269.19        0.20846                        260263.39
4027244.34        0.20485
         260262.97    4027219.49        0.19332                        260262.56
4027194.64        0.18143
         260262.14    4027169.79        0.16865                        260261.72
4027144.94        0.15785
         260261.30    4027120.09        0.14662                        260260.88
4027095.24        0.13591
         260260.46    4027070.39        0.12613                        260320.08
4027641.09        0.02462
         260319.66    4027616.24        0.02582                        260319.24
4027591.39        0.02739
         260318.83    4027566.54        0.02963                        260318.41
4027541.69        0.03229
         260317.99    4027516.84        0.03510                        260317.57
4027491.99        0.03849
         260317.15    4027467.14        0.04277                        260316.73
4027442.29        0.04872
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 149
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A  ***
                                 INCLUDING SOURCE(S):     PHASE2A     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
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Y-COORD (M)        CONC
 - - -
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4027614.55        0.01737
         260419.23    4027589.70        0.01835                      260418.81
4027564.85        0.01942
         260418.39    4027540.00        0.02062                      260417.97
4027515.16        0.02207
         260417.56    4027490.31        0.02387                      260417.14
4027465.46        0.02601
         260416.72    4027440.61        0.02847                      260416.30
4027415.76        0.03131
         260415.88    4027390.91        0.03459                      260415.46
4027366.06        0.03841
         260415.05    4027341.21        0.04270                      260414.63
4027316.36        0.04730
         260414.21    4027291.51        0.05212                      260413.79
4027266.66        0.05693
         260413.37    4027241.81        0.06157                      260412.95
4027216.96        0.06595
         260412.54    4027192.11        0.06987                      260412.12
4027167.26        0.07301
         260411.70    4027142.41        0.07485                      260411.28
4027117.57        0.07628
         260410.86    4027092.72        0.07708                      260410.44
4027067.87        0.07734
         260410.02    4027043.02        0.07657                      260409.61
4027018.17        0.07530
         260409.19    4026993.32        0.07359                      260408.77
4026968.47        0.07133
         260408.35    4026943.62        0.06931                      260407.93
4026918.77        0.06740
         260407.51    4026893.92        0.06516                      260470.48
4027663.41        0.01373
         260470.06    4027638.56        0.01428                      260469.64
4027613.71        0.01483
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 150
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A  ***
                                 INCLUDING SOURCE(S):     PHASE2A     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **
```

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260469.22	4027588.86	0.01553	260468.80	4027564.01	0.01633
260468.39	4027539.16	0.01730	260467.97	4027514.31	0.01852
260467.55	4027489.46	0.01994	260467.13	4027464.61	0.02147
260466.71	4027439.77	0.02311	260466.29	4027414.92	0.02477
260465.88	4027390.07	0.02707	260465.46	4027365.22	0.02982
260465.04	4027340.37	0.03263	260464.62	4027315.52	0.03569
260464.20	4027290.67	0.03894	260463.78	4027265.82	0.04222
260463.36	4027240.97	0.04541	260462.95	4027216.12	0.04850
260462.53	4027191.27	0.05094	260462.11	4027166.42	0.05322
260461.69	4027141.57	0.05632	260461.27	4027116.72	0.05903
260460.85	4027091.87	0.06086	260460.44	4027067.03	0.06222
260570.46	4027661.73	0.01041	260570.04	4027636.88	0.01084
260569.63	4027612.03	0.01129	260569.21	4027587.18	0.01178
260568.79	4027562.33	0.01244	260568.37	4027537.48	0.01320
260567.95	4027512.63	0.01405	260567.53	4027487.78	0.01488
260567.12	4027462.93	0.01570	260566.70	4027438.08	0.01667
260566.28	4027413.23	0.01767	260565.86	4027388.38	0.01878
260565.44	4027363.53	0.01990	260565.02	4027338.68	0.02112
260564.61	4027313.84	0.02256	260564.19	4027288.99	0.02428
260563.77	4027264.14	0.02622	260563.35	4027239.29	0.02792
260562.93	4027214.44	0.02961	260562.51	4027189.59	0.03118
260562.10	4027164.74	0.03259	260561.68	4027139.89	0.03408
260561.26	4027115.04	0.03579	260560.84		

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4027090.19        0.03777
         260560.42    4027065.34        0.03952                        260560.00
4027040.49        0.04084
         260559.59    4027015.64        0.04185                        260559.17
4026990.79        0.04283
         260558.75    4026965.94        0.04380                        260558.33
4026941.09        0.04383
         260557.91    4026916.25        0.04370                        260557.49
4026891.40        0.04380
         260670.45    4027660.04        0.00846                        260670.03
4027635.19        0.00881
         260669.61    4027610.34        0.00926                        260669.19
4027585.49        0.00978
         260668.78    4027560.65        0.01020                        260668.36
4027535.80        0.01068
         260667.94    4027510.95        0.01122                        260667.52
4027486.10        0.01176
         260667.10    4027461.25        0.01228                        260666.68
4027436.40        0.01284
         260666.27    4027411.55        0.01344                        260665.85
4027386.70        0.01408
         260665.43    4027361.85        0.01468                        260665.01
4027337.00        0.01533
         260664.59    4027312.15        0.01609                        260664.17
4027287.30        0.01702
         260663.75    4027262.45        0.01807                        260663.34
4027237.60        0.01915
         260662.92    4027212.75        0.02016                        260662.50
4027187.90        0.02114
         260662.08    4027163.06        0.02215                        260661.66
4027138.21        0.02317
         260661.24    4027113.36        0.02417                        260660.83
4027088.51        0.02530
         260660.41    4027063.66        0.02641                        260769.98
4027675.57        0.00722
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 151
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A  ***
                                 INCLUDING SOURCE(S):     PHASE2A     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260770.02	4027633.51	0.00779	260769.60	4027608.66	0.00815
260769.18	4027583.81	0.00850	260768.76	4027558.96	0.00878
260768.34	4027534.11	0.00905	260767.92	4027509.26	0.00935
260767.51	4027484.41	0.00970	260767.09	4027459.56	0.01007
260766.67	4027434.72	0.01045	260766.25	4027409.87	0.01082
260765.83	4027385.02	0.01121	260765.41	4027360.17	0.01161
260765.00	4027335.32	0.01206	260764.58	4027310.47	0.01255
260764.16	4027285.62	0.01306	260763.74	4027260.77	0.01365
260763.32	4027235.92	0.01438	260762.90	4027211.07	0.01508
260762.49	4027186.22	0.01579	260762.07	4027161.37	0.01649
260761.65	4027136.52	0.01712	260761.23	4027111.67	0.01778
260760.81	4027086.82	0.01868	260760.39	4027061.97	0.01952
260759.98	4027037.13	0.02024	260759.56	4027012.28	0.02091
260759.14	4026987.43	0.02169	260758.72	4026962.58	0.02269
260758.30	4026937.73	0.02357	260757.88	4026912.88	0.02432
260757.46	4026888.03	0.02497	260869.89	4027676.75	0.00643
260870.00	4027631.83	0.00692	260869.58	4027606.98	0.00717
260869.17	4027582.13	0.00741	260868.75	4027557.28	0.00762
260868.33	4027532.43	0.00781	260867.91	4027507.58	0.00803
260867.49	4027482.73	0.00828	260867.07	4027457.88	0.00856
260866.66	4027433.03	0.00885	260866.24	4027408.18	0.00912
260865.82	4027383.33	0.00932	260865.40		

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4027358.48        0.00954
         260864.98    4027333.63        0.00975                        260864.56
4027308.78        0.01003
         260864.14    4027283.94        0.01037                        260863.73
4027259.09        0.01076
         260863.31    4027234.24        0.01124                        260862.89
4027209.39        0.01184
         260862.47    4027184.54        0.01245                        260862.05
4027159.69        0.01300
         260861.63    4027134.84        0.01349                        260861.22
4027109.99        0.01398
         260860.80    4027085.14        0.01455                        260860.38
4027060.29        0.01505
         261069.89    4027672.67        0.00540                        261069.97
4027628.46        0.00563
         261069.56    4027603.61        0.00571                        261069.14
4027578.76        0.00579
         261068.72    4027553.91        0.00589                        261068.30
4027529.06        0.00598
         261067.88    4027504.21        0.00614                        261067.46
4027479.36        0.00633
         261067.05    4027454.51        0.00653                        261066.63
4027429.66        0.00674
         261066.21    4027404.82        0.00692                        261065.79
4027379.97        0.00707
         261065.37    4027355.12        0.00715                        261064.95
4027330.27        0.00727
         261064.54    4027305.42        0.00746                        261064.12
4027280.57        0.00758
         261063.70    4027255.72        0.00776                        261063.28
4027230.87        0.00804
         261062.86    4027206.02        0.00833                        261062.44
4027181.17        0.00861
         261062.02    4027156.32        0.00894                        261061.61
4027131.47        0.00933
         261061.19    4027106.62        0.00972                        260860.77
4027081.77        0.01004
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 152
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A  ***
                                  INCLUDING SOURCE(S):     PHASE2A     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
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***

** CONC OF OTHER IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
261060.35	4027056.92	0.01026	261269.74	4027673.60	0.00468
261269.12	4027697.26	0.00460	261268.50	4027720.92	0.00449
261270.36	4027649.94	0.00475	261269.95	4027625.09	0.00482
261269.53	4027600.24	0.00485	261269.11	4027575.39	0.00486
261268.69	4027550.54	0.00488	261268.27	4027525.70	0.00489
261267.85	4027500.85	0.00495	261267.44	4027476.00	0.00510
261267.02	4027451.15	0.00530	261266.60	4027426.30	0.00547
261266.18	4027401.45	0.00565	261265.76	4027376.60	0.00574
261265.34	4027351.75	0.00580	261264.93	4027326.90	0.00583
261264.51	4027302.05	0.00583	261264.09	4027277.20	0.00589
261263.67	4027252.35	0.00603	261263.25	4027227.50	0.00614
261262.83	4027202.65	0.00629	261262.41	4027177.80	0.00651
261262.00	4027152.95	0.00674	261261.58	4027128.11	0.00696
261261.16	4027103.26	0.00719	261260.74	4027078.41	0.00742
261260.32	4027053.56	0.00765	261469.75	4027668.94	0.00407
261468.58	4027713.68	0.00403	261470.34	4027646.58	0.00405
261469.92	4027621.73	0.00403	261469.50	4027596.88	0.00410
261469.08	4027572.03	0.00416	261468.66	4027547.18	0.00422
261468.24	4027522.33	0.00429	261467.83	4027497.48	0.00436
261467.41	4027472.63	0.00443	261466.99	4027447.78	0.00454
261466.57	4027422.93	0.00466	261466.15		

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4027398.08        0.00475
         261465.73    4027373.23        0.00481                        261465.32
4027348.38        0.00485
         261464.90    4027323.53        0.00487                        261464.48
4027298.68        0.00489
         261464.06    4027273.83        0.00491                        261463.64
4027248.99        0.00495
         261463.22    4027224.14        0.00501                        261462.80
4027199.29        0.00508
         261462.39    4027174.44        0.00519                        261461.97
4027149.59        0.00536
         261461.55    4027124.74        0.00550                        261461.13
4027099.89        0.00567
         261460.71    4027075.04        0.00584                        261460.29
4027050.19        0.00599
         261459.88    4027025.34        0.00618                        261459.46
4027000.49        0.00635
         261459.04    4026975.64        0.00650                        261458.62
4026950.79        0.00664
         261458.20    4026925.94        0.00679                        261457.78
4026901.09        0.00694
         261457.37    4026876.25        0.00705                        261669.74
4027664.72        0.00360
         261668.62    4027707.73        0.00363                        261669.89
4027618.36        0.00357
         261669.47    4027593.51        0.00358                        261669.05
4027568.66        0.00360
         261668.63    4027543.81        0.00364                        261668.22
4027518.96        0.00370
         261667.80    4027494.11        0.00378                        261667.38
4027469.26        0.00386
         261666.96    4027444.41        0.00394                        261666.54
4027419.56        0.00403
         261666.12    4027394.71        0.00411                        261665.71
4027369.87        0.00416
         261665.29    4027345.02        0.00421                        261664.87
4027320.17        0.00424
         261664.45    4027295.32        0.00424                        261664.03
4027270.47        0.00424
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 153
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A  ***
                                INCLUDING SOURCE(S):     PHASE2A     ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
261663.61	4027245.62	0.00424	261663.19	4027220.77	0.00426
261662.78	4027195.92	0.00430	261662.36	4027171.07	0.00435
261661.94	4027146.22	0.00443	261661.52	4027121.37	0.00452
261661.10	4027096.52	0.00462	261660.68	4027071.67	0.00474
261660.27	4027046.82	0.00487	261659.85	4027021.97	0.00501
261659.43	4026997.12	0.00515	261659.01	4026972.28	0.00528
261658.59	4026947.43	0.00542	261658.17	4026922.58	0.00556
261657.76	4026897.73	0.00570	261657.34	4026872.88	0.00581
260288.10	4026826.13	0.06842	260294.23	4026848.07	0.07106
260300.37	4026870.01	0.07383	260348.08	4026861.01	0.06825
260374.46	4026775.74	0.05642	260380.66	4026797.90	0.05794
260386.85	4026820.06	0.05954	260393.05	4026842.22	0.06133
260399.25	4026864.38	0.06306	260420.80	4026761.83	0.05259
260504.00	4026700.14	0.04350	260510.29	4026722.64	0.04404
260516.59	4026745.14	0.04461	260522.88	4026767.64	0.04522
260529.17	4026790.14	0.04557	260535.47	4026812.64	0.04574
260541.76	4026835.14	0.04544	260548.05	4026857.65	0.04501
260590.35	4026649.71	0.03653	260596.64	4026672.21	0.03675
260602.94	4026694.71	0.03688	260609.23	4026717.21	0.03709
260615.52	4026739.71	0.03720	260626.01		

4026777.21   0.03694
         260648.04   4026855.96   0.03489   260676.70
4026599.27   0.03094
         260682.99   4026621.77   0.03106   260689.29
4026644.27   0.03114
         260695.58   4026666.77   0.03105   260701.87
4026689.27   0.03083
         260708.17   4026711.78   0.03061   260714.46
4026734.28   0.03029
         260720.75   4026756.78   0.02983   260727.05
4026779.28   0.02917
         260733.34   4026801.78   0.02853   260739.63
4026824.28   0.02777
         260745.93   4026846.78   0.02686   260763.05
4026548.84   0.02668
         260769.34   4026571.34   0.02656   260775.64
4026593.84   0.02644
         260781.93   4026616.34   0.02627   260788.22
4026638.84   0.02603
         260794.52   4026661.34   0.02577   260800.81
4026683.84   0.02540
         260807.10   4026706.34   0.02494   260813.40
4026728.84   0.02440
         260825.98   4026773.84   0.02309   260846.96
4026848.84   0.02047
         260935.75   4026447.97   0.02032   260942.04
4026470.47   0.02015
         260948.34   4026492.97   0.01993   260954.63
4026515.47   0.01969
         260960.92   4026537.97   0.01938   260967.22
4026560.47   0.01904
         260973.51   4026582.97   0.01873   260979.80
4026605.47   0.01838
         260986.10   4026627.97   0.01794   260992.39
4026650.47   0.01748
         260998.68   4026672.97   0.01700   261004.98
4026695.47   0.01645
         261011.27   4026717.98   0.01589   261019.66
4026747.98   0.01514
         261108.46   4026347.13   0.01596   261114.80
4026369.78   0.01580

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: PHASE2A ***
                                  INCLUDING SOURCE(S):   PHASE2A   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

```
4026721.58        0.00840
         261420.44    4026744.21        0.00821                       261426.77
4026766.85        0.00798
         261433.10    4026789.48        0.00776                       261439.43
4026812.11        0.00756
         261445.76    4026834.75        0.00736                       261453.86
4026145.38        0.01112
         261460.18    4026168.00        0.01094                       261466.51
4026190.61        0.01076
         261472.83    4026213.23        0.01059                       261479.16
4026235.85        0.01039
         261485.49    4026258.46        0.01019                       261491.81
4026281.08        0.00999
         261498.14    4026303.70        0.00980                       261504.46
4026326.31        0.00963
         261510.79    4026348.93        0.00944                       261517.11
4026371.55        0.00927
         261523.44    4026394.16        0.00909                       261529.77
4026416.78        0.00891
         261536.09    4026439.39        0.00872                       261542.42
4026462.01        0.00854
         261548.74    4026484.63        0.00838                       261555.07
4026507.24        0.00823
         261561.40    4026529.86        0.00807                       261567.72
4026552.48        0.00791
         261574.05    4026575.09        0.00776                       261580.37
4026597.71        0.00760
         261586.70    4026620.33        0.00744                       261593.02
4026642.94        0.00730
         261599.35    4026665.56        0.00716                       261605.68
4026688.18        0.00700
         261612.00    4026710.79        0.00686                       261618.33
4026733.41        0.00671
         261624.65    4026756.03        0.00655                       261630.98
4026778.64        0.00640
         261637.31    4026801.26        0.00626                       261643.63
4026823.88        0.00612
         261649.96    4026846.49        0.00598                       260178.22
4026852.86        0.07915
         260186.13    4026829.14        0.07481                       260206.65
4026845.81        0.07638
         260187.19    4026799.87        0.07045                       260223.53
4026769.10        0.06463
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 155
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE2A ***

INCLUDING SOURCE(S): PHASE2A ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260244.05	4026785.76	0.06568	260264.57	4026802.43	0.06671
260226.11	4026710.93	0.05816	260248.00	4026728.70	0.05902
260299.44	4026710.19	0.05498	260321.04	4026727.73	0.05556
260342.64	4026745.27	0.05586	260257.58	4026615.93	0.04860
260278.99	4026633.32	0.04930	260300.41	4026650.70	0.05001
260321.82	4026668.09	0.05053	260343.24	4026685.48	0.05098
260333.14	4026556.74	0.04267	260355.03	4026574.51	0.04309
260376.92	4026592.29	0.04343	260398.81	4026610.06	0.04368
260420.70	4026627.83	0.04383	260442.59	4026645.61	0.04389
260464.49	4026663.38	0.04382	260486.38	4026681.15	0.04360
260320.88	4026426.24	0.03573	260342.49	4026443.78	0.03629
260364.09	4026461.32	0.03676	260385.69	4026478.86	0.03716
260407.30	4026496.40	0.03749	260428.90	4026513.94	0.03775
260450.50	4026531.48	0.03790	260472.11	4026549.02	0.03797
260572.92	4026630.87	0.03695	260352.60	4026331.45	0.03083
260374.49	4026349.23	0.03142	260396.39	4026367.00	0.03194
260483.95	4026438.10	0.03322	260505.84	4026455.87	0.03332
260527.73	4026473.64	0.03334	260549.62		

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4026491.42        0.03328
         260571.51    4026509.19        0.03306                       260593.40
4026526.96        0.03285
         260615.30    4026544.74        0.03244                       260637.19
4026562.51        0.03180
         260659.08    4026580.28        0.03123                       260384.16
4026236.53        0.02674
         260405.84    4026254.14        0.02732                       260427.53
4026271.74        0.02785
         260449.21    4026289.35        0.02832                       260470.90
4026306.95        0.02872
         260492.58    4026324.56        0.02906                       260514.26
4026342.17        0.02932
         260535.95    4026359.77        0.02949                       260557.63
4026377.38        0.02958
         260579.32    4026394.98        0.02960                       260601.00
4026412.59        0.02955
         260622.69    4026430.19        0.02942                       260644.37
4026447.80        0.02922
         260709.42    4026500.62        0.02810                       260731.11
4026518.22        0.02758
         260447.42    4026046.81        0.02043                       260469.15
4026064.45        0.02100
         260505.36    4026093.85        0.02180                       260548.82
4026129.14        0.02266
         260570.55    4026146.78        0.02302                       260592.28
4026164.42        0.02333
         260614.01    4026182.07        0.02354                       260635.74
4026199.71        0.02373
         260657.47    4026217.35        0.02389                       260679.20
4026235.00        0.02395
         260700.93    4026252.64        0.02390                       260722.66
4026270.28        0.02383
         260744.39    4026287.92        0.02373                       260766.12
4026305.57        0.02356
         260860.29    4026382.02        0.02207                       260882.02
4026399.66        0.02159
         260903.75    4026417.30        0.02112                       260510.67
4025857.08        0.01611
         260532.43    4025874.74        0.01646                       260554.19
4025892.41        0.01689
         260575.95    4025910.08        0.01736                       260699.25
4026010.19        0.01928
         260721.01    4026027.85        0.01951                       260742.77
4026045.52        0.01968
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE2A ***

INCLUDING SOURCE(S): PHASE2A ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260764.53	4026063.19	0.01981	260786.29	4026080.85	0.01991
260808.05	4026098.52	0.01993	260829.81	4026116.18	0.01991
260851.57	4026133.85	0.01981	260873.32	4026151.52	0.01969
260895.08	4026169.18	0.01955	260916.84	4026186.85	0.01934
261011.13	4026263.40	0.01800	261032.89	4026281.07	0.01763
261054.65	4026298.74	0.01722	261076.41	4026316.40	0.01672
260573.93	4025667.35	0.01309	260595.71	4025685.03	0.01343
260617.48	4025702.71	0.01377	260639.26	4025720.39	0.01414
260661.04	4025738.08	0.01445	260769.94	4025826.49	0.01585
260849.80	4025891.33	0.01666	260871.58	4025909.01	0.01680
260893.36	4025926.69	0.01690	260915.13	4025944.38	0.01697
260936.91	4025962.06	0.01698	260958.69	4025979.74	0.01695
260980.47	4025997.43	0.01688	261002.25	4026015.11	0.01676
261024.03	4026032.79	0.01662	261045.81	4026050.47	0.01644
261067.59	4026068.16	0.01623	261089.37	4026085.84	0.01600
261111.15	4026103.52	0.01575	261132.93	4026121.20	0.01549
261154.71	4026138.89	0.01522	261176.49		

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4026156.57        0.01492
         261198.26    4026174.25        0.01462                       261220.04
4026191.94        0.01428
         261241.82    4026209.62        0.01388                       261263.60
4026227.30        0.01351
         260637.18    4025477.61        0.01089                       260658.97
4025495.31        0.01118
         260680.76    4025513.00        0.01147                       260702.56
4025530.70        0.01175
         260724.35    4025548.39        0.01203                       260746.15
4025566.09        0.01228
         260767.94    4025583.78        0.01250                       260789.73
4025601.48        0.01274
         260811.53    4025619.17        0.01298                       260833.32
4025636.87        0.01321
         260855.12    4025654.56        0.01343                       260876.91
4025672.26        0.01364
         260898.71    4025689.95        0.01386                       260920.50
4025707.65        0.01406
         260942.29    4025725.34        0.01423                       260964.09
4025743.04        0.01439
         260985.88    4025760.73        0.01452                       261007.68
4025778.43        0.01462
         261029.47    4025796.12        0.01468                       261051.26
4025813.82        0.01474
         261073.06    4025831.51        0.01471                       261094.85
4025849.21        0.01463
         261116.65    4025866.90        0.01454                       261138.44
4025884.59        0.01443
         261160.23    4025902.29        0.01432                       261182.03
4025919.98        0.01416
         261203.82    4025937.68        0.01403                       261225.62
4025955.37        0.01385
         261247.41    4025973.07        0.01364                       261269.20
4025990.76        0.01341
         261291.00    4026008.46        0.01318                       261312.79
4026026.15        0.01295
         261334.59    4026043.85        0.01270                       261356.38
4026061.54        0.01245
         261378.18    4026079.24        0.01219                       261399.97
4026096.93        0.01192
         261421.76    4026114.63        0.01159                       259786.65
4026922.81        0.15649
         259785.22    4026946.18        0.16693                       259786.24
4026967.32        0.17497
         259787.46    4026993.13        0.18405                       259786.85
4027016.70        0.19291
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE2B ***
INCLUDING SOURCE(S): PHASE2B ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260122.88	4026867.29	0.05191	260099.69	4026867.81	0.04464
260076.51	4026868.33	0.03837	260053.32	4026868.85	0.03311
260030.13	4026869.37	0.02893	260006.94	4026869.89	0.02573
259983.76	4026870.42	0.02329	259960.57	4026870.94	0.02130
260145.51	4026841.77	0.04869	260122.32	4026842.29	0.04244
260099.13	4026842.82	0.03675	260075.94	4026843.34	0.03186
260052.76	4026843.86	0.02777	260029.57	4026844.38	0.02452
260006.38	4026844.90	0.02204	259983.19	4026845.42	0.02017
259960.01	4026845.94	0.01863	260157.65	4026818.69	0.04383
260121.76	4026817.30	0.03524	260098.57	4026817.82	0.03070
260075.38	4026818.34	0.02683	260052.19	4026818.86	0.02361
260029.01	4026819.39	0.02105	260005.82	4026819.91	0.01910
259982.63	4026820.43	0.01762	259959.44	4026820.95	0.01638
260161.32	4026794.34	0.03761	260121.20	4026792.31	0.02965
260098.01	4026792.83	0.02600	260074.82	4026793.35	0.02289
260051.63	4026793.87	0.02030	260028.45		

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4026794.39        0.01825
         260005.26    4026794.91        0.01667                     259982.07
4026795.43        0.01548
         259958.88    4026795.96        0.01449                     260160.19
4026744.35        0.02709
         260120.07    4026742.32        0.02172                     260096.88
4026742.84        0.01927
         260073.70    4026743.36        0.01717                     260050.51
4026743.88        0.01542
         260027.32    4026744.40        0.01404                     260004.13
4026744.93        0.01299
         259980.95    4026745.45        0.01217                     259957.76
4026745.97        0.01152
         260164.72    4026695.21        0.02088                     260187.30
4026698.62        0.02357
         260142.14    4026691.81        0.01840                     260118.95
4026692.33        0.01648
         260095.76    4026692.85        0.01478                     260072.57
4026693.37        0.01333
         260049.39    4026693.90        0.01211                     260026.20
4026694.42        0.01113
         260003.01    4026694.94        0.01038                     259979.82
4026695.46        0.00980
         259956.64    4026695.98        0.00934                     260162.18
4026645.01        0.01599
         260204.52    4026651.40        0.01972                     260117.82
4026642.34        0.01294
         260094.64    4026642.87        0.01171                     260071.45
4026643.39        0.01065
         260048.26    4026643.91        0.00977                     260025.07
4026644.43        0.00906
         260001.89    4026644.95        0.00851                     259978.70
4026645.47        0.00808
         259955.51    4026645.99        0.00773                     260160.21
4026594.90        0.01265
         260200.85    4026601.03        0.01530                     260116.70
4026592.36        0.01042
         260093.51    4026592.88        0.00949                     260070.33
4026593.40        0.00869
         260047.14    4026593.92        0.00804                     260023.95
4026594.44        0.00751
         260000.76    4026594.96        0.00710                     259977.58
4026595.48        0.00677
         259954.39    4026596.01        0.00650                     260160.22
4026495.27        0.00857
         260182.80    4026498.67        0.00943                     260205.38
4026502.07        0.01035
         260227.96    4026505.48        0.01131                     260250.54
4026508.88        0.01231
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B ***
                                  INCLUDING SOURCE(S):   PHASE2B   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         260137.64   4026491.86   0.00778   260114.45
4026492.38   0.00715
         260091.27   4026492.90   0.00660   260068.08
4026493.42   0.00612
         260044.89   4026493.95   0.00573   260021.70
4026494.47   0.00542
         259998.52   4026494.99   0.00516   259975.33
4026495.51   0.00496
         259952.14   4026496.03   0.00479   260156.56
4026395.08   0.00610
         260198.90   4026401.46   0.00717   260241.24
4026407.84   0.00833
         260283.58   4026414.23   0.00956   260112.21
4026392.41   0.00522
         260089.02   4026392.93   0.00486   260065.83
4026393.45   0.00456
         260042.64   4026393.97   0.00432   260019.46
4026394.49   0.00412
         259996.27   4026395.01   0.00395   259973.08
4026395.54   0.00382
         259949.89   4026396.06   0.00370   260155.73
4026295.32   0.00461
         260178.31   4026298.72   0.00499   260200.89
4026302.12   0.00540
         260223.47   4026305.53   0.00582   260246.05
4026308.93   0.00626
         260268.63   4026312.34   0.00670   260291.21
4026315.74   0.00714
         260313.79   4026319.15   0.00760   260133.15

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4026291.91        0.00426
         260109.96    4026292.43        0.00398                   260086.77
4026292.95        0.00375
         260063.58    4026293.48        0.00355                   260040.40
4026294.00        0.00339
         260017.21    4026294.52        0.00325                   259994.02
4026295.04        0.00314
         259970.83    4026295.56        0.00305                   259947.65
4026296.08        0.00297
         260152.45    4026195.19        0.00359                   260195.56
4026201.69        0.00412
         260238.67    4026208.18        0.00472                   260281.77
4026214.68        0.00532
         260324.88    4026221.18        0.00593                   260107.71
4026192.46        0.00316
         260084.52    4026192.98        0.00299                   260061.34
4026193.50        0.00286
         260038.15    4026194.02        0.00274                   260014.96
4026194.54        0.00265
         259991.77    4026195.06        0.00257                   259968.59
4026195.59        0.00251
         259945.40    4026196.11        0.00245                   260148.18
4025995.27        0.00238
         260191.72    4026001.84        0.00269                   260235.27
4026008.40        0.00304
         260278.82    4026014.97        0.00341                   260322.37
4026021.53        0.00377
         260365.91    4026028.10        0.00410                   260409.46
4026034.66        0.00445
         260103.22    4025992.51        0.00215                   260080.03
4025993.03        0.00207
         260056.84    4025993.55        0.00200                   260033.65
4025994.07        0.00194
         260010.47    4025994.59        0.00189                   259987.28
4025995.11        0.00185
         259964.09    4025995.64        0.00181                   259940.90
4025996.16        0.00178
         260143.82    4025795.34        0.00174                   260187.66
4025801.95        0.00192
         260231.49    4025808.56        0.00214                   260275.32
4025815.17        0.00239
         260319.15    4025821.78        0.00263                   260362.98
4025828.38        0.00286
         260406.82    4025834.99        0.00307                   260450.65
4025841.60        0.00327
         260098.72    4025792.56        0.00161                   260075.53
4025793.08        0.00156
         260052.35    4025793.60        0.00151                   260029.16
4025794.12        0.00148
         260005.97    4025794.64        0.00145                   259982.78
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE2B ***
                                   INCLUDING SOURCE(S):   PHASE2B   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                            ** CONC OF OTHER   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

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4025442.09        0.00188
         260488.44    4025448.75        0.00198                    260532.61
4025455.41        0.00207
         260576.79    4025462.07        0.00217                    260089.73
4025392.66        0.00104
         260066.54    4025393.18        0.00102                    260043.36
4025393.70        0.00101
         260020.17    4025394.22        0.00099                    259996.98
4025394.75        0.00098
         259973.79    4025395.27        0.00096                    259950.61
4025395.79        0.00095
         259927.42    4025396.31        0.00094                    259936.53
4026919.72        0.02527
         259936.93    4026943.08        0.02916                    259937.33
4026966.44        0.03406
         259937.73    4026989.80        0.04037                    259938.13
4027013.16        0.04870
         259918.11    4026879.03        0.01879                    259911.54
4026920.14        0.02251
         259911.93    4026943.51        0.02573                    259912.33
4026966.87        0.02977
         259912.73    4026990.23        0.03490                    259913.13
4027013.59        0.04150
         259893.11    4026879.46        0.01696                    259924.52
4026836.29        0.01573
         259886.54    4026920.57        0.02005                    259886.94
4026943.93        0.02279
         259887.34    4026967.29        0.02620                    259887.73
4026990.66        0.03046
         259888.13    4027014.02        0.03581                    259868.12
4026879.88        0.01527
         259882.06    4026844.38        0.01395                    259906.50
4026818.96        0.01371
         259861.54    4026921.00        0.01795                    259861.94
4026944.36        0.02033
         259862.34    4026967.72        0.02329                    259862.74
4026991.08        0.02692
         259863.14    4027014.44        0.03126                    259819.52
4026877.19        0.01241
         259827.89    4026855.88        0.01178                    259836.25
4026834.58        0.01126
         259844.62    4026813.28        0.01079                    259873.94
4026782.78        0.01073
         259894.90    4026773.58        0.01103                    259915.85
4026764.37        0.01125
         259936.80    4026755.17        0.01140                    259811.55
4026921.85        0.01483
         259811.95    4026945.21        0.01676                    259812.35
4026968.57        0.01904
         259812.75    4026991.93        0.02164                    259813.14
```

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B ***
                                  INCLUDING SOURCE(S):   PHASE2B   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         259801.00   4026797.90   0.00878   259836.90
4026748.57   0.00856
         259876.81   4026731.04   0.00903   259916.72
4026713.51   0.00924
         259718.91   4026880.47   0.00947   259734.41
4026841.02   0.00828
         259749.90   4026801.57   0.00750   259765.40
4026762.13   0.00703
         259800.30   4026714.16   0.00697   259839.10
4026697.12   0.00739
         259877.90   4026680.08   0.00763   259916.71
4026663.03   0.00770
         259669.54   4026879.74   0.00859   259677.91
4026858.44   0.00796
         259686.28   4026837.14   0.00739   259694.64
4026815.84   0.00689
         259703.01   4026794.54   0.00650   259711.38
4026773.24   0.00619
         259719.75   4026751.94   0.00596   259728.11
4026730.63   0.00579
         259736.48   4026709.33   0.00566   259765.80
4026678.83   0.00580
         259786.76   4026669.63   0.00603   259807.71
4026660.42   0.00622
         259828.66   4026651.22   0.00636   259849.62

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4026642.02        0.00645
         259870.57    4026632.82        0.00649                    259891.53
4026623.61        0.00650
         259912.48    4026614.41        0.00649                    259933.43
4026605.21        0.00649
         259569.16    4026882.46        0.00727                    259585.09
4026841.89        0.00654
         259601.03    4026801.31        0.00563                    259616.97
4026760.74        0.00492
         259632.91    4026720.17        0.00450                    259648.85
4026679.59        0.00420
         259664.78    4026639.02        0.00400                    259692.71
4026609.97        0.00414
         259732.62    4026592.44        0.00448                    259772.53
4026574.91        0.00474
         259812.45    4026557.38        0.00486                    259852.36
4026539.85        0.00486
         259892.27    4026522.32        0.00481                    259485.81
4026841.80        0.00569
         259502.22    4026800.04        0.00516                    259518.63
4026758.27        0.00454
         259535.03    4026716.50        0.00399                    259543.24
4026695.62        0.00375
         259559.64    4026653.85        0.00339                    259576.05
4026612.08        0.00315
         259592.46    4026570.32        0.00304                    259621.20
4026540.41        0.00310
         259662.29    4026522.37        0.00336                    259703.37
4026504.32        0.00363
         259744.46    4026486.28        0.00379                    259785.55
4026468.23        0.00383
         259826.63    4026450.19        0.00379                    259867.72
4026432.14        0.00373
         259888.26    4026423.12        0.00371                    259377.95
4026863.56        0.00488
         259386.32    4026842.26        0.00483                    259394.69
4026820.95        0.00475
         259403.05    4026799.65        0.00463                    259411.42
4026778.35        0.00447
         259419.79    4026757.05        0.00426                    259428.16
4026735.75        0.00403
         259436.52    4026714.45        0.00377                    259444.89
4026693.15        0.00354
         259453.26    4026671.84        0.00332                    259461.63
4026650.54        0.00312
         259469.99    4026629.24        0.00294                    259478.36
4026607.94        0.00279
         259486.73    4026586.64        0.00267                    259495.10
4026565.34        0.00257
         259503.46    4026544.04        0.00249                    259511.83
```

4026522.74   0.00244
         259520.20   4026501.43   0.00240   259549.52
4026470.93   0.00245
         259570.47   4026461.73   0.00253   259591.43
4026452.53   0.00263
↟ *** AERMOD - VERSION 23132 ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc   ***   07/04/24
 *** AERMET - VERSION 21112 ***   ***
                       ***   18:20:08

                                  PAGE 161
 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B ***
                                    INCLUDING SOURCE(S):   PHASE2B   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

```
4026843.03        0.00404
         259295.19    4026821.42        0.00403                   259303.67
4026799.81        0.00401
         259312.16    4026778.20        0.00396                   259320.65
4026756.59        0.00387
         259329.14    4026734.98        0.00375                   259337.63
4026713.37        0.00360
         259346.12    4026691.76        0.00342                   259354.61
4026670.15        0.00322
         259363.10    4026648.54        0.00303                   259371.58
4026626.93        0.00285
         259380.07    4026605.32        0.00267                   259388.56
4026583.71        0.00253
         259397.05    4026562.10        0.00239                   259405.54
4026540.49        0.00228
         259414.03    4026518.88        0.00218                   259422.52
4026497.27        0.00210
         259431.00    4026475.66        0.00203                   259439.49
4026454.05        0.00199
         259447.98    4026432.44        0.00194                   259477.73
4026401.50        0.00197
         259498.99    4026392.16        0.00205                   259520.24
4026382.83        0.00213
         259541.50    4026373.49        0.00221                   259562.76
4026364.15        0.00230
         259584.02    4026354.82        0.00239                   259605.27
4026345.48        0.00246
         259626.53    4026336.15        0.00253                   259647.79
4026326.81        0.00257
         259669.05    4026317.47        0.00260                   259690.31
4026308.14        0.00262
         259711.56    4026298.80        0.00262                   259732.82
4026289.47        0.00260
         259754.08    4026280.13        0.00257                   259775.34
4026270.79        0.00254
         259796.59    4026261.46        0.00251                   259817.85
4026252.12        0.00248
         259839.11    4026242.79        0.00246                   259860.37
4026233.45        0.00244
         259881.62    4026224.11        0.00244                   259902.88
4026214.78        0.00243
         259924.14    4026205.44        0.00244                   259261.63
4026931.23        0.00420
         259262.03    4026954.59        0.00436                   259262.43
4026977.95        0.00454
         259262.83    4027001.31        0.00473                   259263.22
4027024.67        0.00493
         259263.62    4027048.03        0.00512                   259069.63
4026889.97        0.00299
         259078.00    4026868.67        0.00292                   259086.36
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4026847.37   0.00288
         259094.73   4026826.07   0.00287   259103.10
4026804.77   0.00287
         259111.47   4026783.47   0.00288   259119.83
4026762.16   0.00290
         259128.20   4026740.86   0.00292   259136.57
4026719.56   0.00294
 *** AERMOD - VERSION 23132 ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc   ***   07/04/24
 *** AERMET - VERSION 21112 ***   ***
                       ***   18:20:08

                                  PAGE 162
 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B ***
                                INCLUDING SOURCE(S):   PHASE2B   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

```
4026253.83        0.00145
         259375.14    4026244.63        0.00148                    259396.10
4026235.42        0.00152
         259417.05    4026226.22        0.00157                    259438.01
4026217.02        0.00163
         259458.96    4026207.82        0.00170                    259479.91
4026198.61        0.00175
         259500.87    4026189.41        0.00180                    259521.82
4026180.21        0.00185
         259542.78    4026171.01        0.00189                    259563.73
4026161.80        0.00193
         259584.68    4026152.60        0.00195                    259605.64
4026143.40        0.00195
         259626.59    4026134.20        0.00195                    259647.55
4026124.99        0.00194
         259668.50    4026115.79        0.00193                    259689.45
4026106.59        0.00190
         259710.41    4026097.39        0.00187                    259731.36
4026088.18        0.00185
         259752.32    4026078.98        0.00183                    259773.27
4026069.78        0.00180
         259794.23    4026060.58        0.00179                    259815.18
4026051.37        0.00177
         259836.13    4026042.17        0.00177                    259857.09
4026032.97        0.00176
         259878.04    4026023.77        0.00177                    259899.00
4026014.56        0.00177
         259919.95    4026005.36        0.00177                    259061.66
4026934.64        0.00323
         259062.06    4026958.00        0.00337                    259062.46
4026981.36        0.00352
         259062.85    4027004.72        0.00367                    259063.25
4027028.08        0.00379
         259063.65    4027051.44        0.00389                    258869.81
4026892.99        0.00256
         258878.33    4026871.29        0.00246                    258886.86
4026849.60        0.00239
         258895.38    4026827.90        0.00233                    258903.90
4026806.20        0.00228
         258912.42    4026784.51        0.00226                    258920.95
4026762.81        0.00224
         258929.47    4026741.12        0.00224                    258937.99
4026719.42        0.00225
         258946.51    4026697.73        0.00227                    258955.04
4026676.03        0.00229
         258963.56    4026654.33        0.00231                    258972.08
4026632.64        0.00232
         258980.60    4026610.94        0.00232                    258989.12
4026589.25        0.00231
         258997.65    4026567.55        0.00227                    259006.17
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4026545.85        0.00223
         259014.69    4026524.16        0.00216                       259023.21
4026502.46        0.00209
         259031.74    4026480.77        0.00200                       259040.26
4026459.07        0.00192
         259048.78    4026437.38        0.00183                       259057.30
4026415.68        0.00173
         259065.83    4026393.98        0.00165                       259074.35
4026372.29        0.00156
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                   PAGE 163
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B  ***
                                   INCLUDING SOURCE(S):     PHASE2B     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         259082.87    4026350.59        0.00148                       259091.39
4026328.90        0.00141
         259099.92    4026307.20        0.00135                       259108.44
4026285.51        0.00130
         259116.96    4026263.81        0.00126                       259125.48
4026242.11        0.00122
         259134.00    4026220.42        0.00118                       259142.53
4026198.72        0.00115
         259151.05    4026177.03        0.00113                       259159.57
4026155.33        0.00111
         259189.44    4026124.26        0.00110                       259210.78
4026114.89        0.00111
         259232.12    4026105.52        0.00112                       259253.46
4026096.14        0.00114
         259274.80    4026086.77        0.00117                       259296.15
4026077.40        0.00121
         259317.49    4026068.02        0.00125                       259338.83
4026058.65        0.00129
         259360.17    4026049.28        0.00134                       259381.51
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4026039.91        0.00138
         259402.86    4026030.53        0.00142                   259424.20
4026021.16        0.00146
         259445.54    4026011.79        0.00149                   259466.88
4026002.41        0.00151
         259488.22    4025993.04        0.00153                   259509.57
4025983.67        0.00154
         259530.91    4025974.29        0.00154                   259552.25
4025964.92        0.00154
         259573.59    4025955.55        0.00153                   259594.94
4025946.18        0.00152
         259616.28    4025936.80        0.00151                   259637.62
4025927.43        0.00148
         259658.96    4025918.06        0.00146                   259680.30
4025908.68        0.00144
         259701.65    4025899.31        0.00142                   259722.99
4025889.94        0.00140
         259744.33    4025880.56        0.00139                   259765.67
4025871.19        0.00138
         259787.01    4025861.82        0.00137                   259808.36
4025852.45        0.00137
         259829.70    4025843.07        0.00137                   259851.04
4025833.70        0.00137
         259872.38    4025824.33        0.00137                   259893.72
4025814.95        0.00138
         259915.07    4025805.58        0.00138                   258861.29
4026914.68        0.00263
         258861.69    4026938.04        0.00273                   258862.09
4026961.41        0.00284
         258862.48    4026984.77        0.00296                   258862.88
4027008.13        0.00304
         258863.28    4027031.49        0.00310                   258863.68
4027054.85        0.00313
         258669.75    4026896.63        0.00228                   258678.18
4026875.16        0.00220
         258686.62    4026853.69        0.00212                   258695.05
4026832.23        0.00205
         258703.48    4026810.76        0.00199                   258711.91
4026789.29        0.00193
         258720.34    4026767.83        0.00188                   258728.78
4026746.36        0.00184
         258737.21    4026724.89        0.00181                   258745.64
4026703.43        0.00180
         258754.07    4026681.96        0.00180                   258762.51
4026660.50        0.00181
         258770.94    4026639.03        0.00183                   258779.37
4026617.56        0.00185
         258787.80    4026596.10        0.00188                   258796.23
4026574.63        0.00190
         258804.67    4026553.16        0.00191                   258813.10
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4026531.70        0.00191
         258821.53    4026510.23        0.00191                       258829.96
4026488.76        0.00189
         258838.40    4026467.30        0.00186                       258846.83
4026445.83        0.00183
         258855.26    4026424.36        0.00178                       258863.69
4026402.90        0.00173
         258872.13    4026381.43        0.00167                       258880.56
4026359.97        0.00161
         258888.99    4026338.50        0.00155                       258897.42
4026317.03        0.00148
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 164
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B  ***
                                  INCLUDING SOURCE(S):     PHASE2B     ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         258905.85    4026295.57        0.00141                       258914.29
4026274.10        0.00135
         258922.72    4026252.63        0.00128                       258931.15
4026231.17        0.00123
         258939.58    4026209.70        0.00118                       258948.02
4026188.23        0.00113
         258956.45    4026166.77        0.00108                       258964.88
4026145.30        0.00105
         258973.31    4026123.83        0.00102                       258981.74
4026102.37        0.00100
         258990.18    4026080.90        0.00097                       258998.61
4026059.44        0.00095
         259007.04    4026037.97        0.00093                       259015.47
4026016.50        0.00092
         259045.02    4025985.76        0.00090                       259066.14
4025976.49        0.00090
         259087.25    4025967.21        0.00091                       259108.37
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4025957.94        0.00092
         259129.49    4025948.67        0.00093                    259150.60
4025939.39        0.00095
         259171.72    4025930.12        0.00097                    259192.84
4025920.84        0.00099
         259213.95    4025911.57        0.00102                    259235.07
4025902.30        0.00106
         259256.19    4025893.02        0.00109                    259277.30
4025883.75        0.00112
         259298.42    4025874.48        0.00116                    259319.54
4025865.20        0.00118
         259340.65    4025855.93        0.00121                    259361.77
4025846.65        0.00123
         259382.89    4025837.38        0.00125                    259404.00
4025828.11        0.00126
         259425.12    4025818.83        0.00127                    259446.23
4025809.56        0.00127
         259467.35    4025800.28        0.00127                    259488.47
4025791.01        0.00127
         259509.58    4025781.74        0.00126                    259530.70
4025772.46        0.00125
         259551.82    4025763.19        0.00123                    259572.93
4025753.91        0.00122
         259594.05    4025744.64        0.00120                    259615.17
4025735.37        0.00119
         259636.28    4025726.09        0.00117                    259657.40
4025716.82        0.00115
         259678.52    4025707.55        0.00114                    259699.63
4025698.27        0.00113
         259720.75    4025689.00        0.00112                    259741.87
4025679.72        0.00112
         259762.98    4025670.45        0.00112                    259784.10
4025661.18        0.00112
         259805.21    4025651.90        0.00112                    259826.33
4025642.63        0.00112
         259847.45    4025633.35        0.00112                    259868.56
4025624.08        0.00112
         259889.68    4025614.81        0.00112                    259910.80
4025605.53        0.00112
         258661.32    4026918.09        0.00235                    258661.72
4026941.45        0.00243
         258662.12    4026964.82        0.00249                    258662.51
4026988.18        0.00254
         258662.91    4027011.54        0.00257                    258663.31
4027034.90        0.00259
         258663.71    4027058.26        0.00260                    258469.89
4026899.77        0.00204
         258478.42    4026878.03        0.00201                    258486.96
4026856.29        0.00196
         258495.50    4026834.56        0.00190                    258504.04
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4026812.82        0.00184
         258512.58    4026791.09        0.00178                       258521.11
4026769.35        0.00172
         258529.65    4026747.61        0.00167                       258538.19
4026725.88        0.00162
         258546.73    4026704.14        0.00159                       258555.27
4026682.41        0.00156
         258563.81    4026660.67        0.00154                       258572.34
4026638.93        0.00153
         258580.88    4026617.20        0.00152                       258589.42
4026595.46        0.00153
         258597.96    4026573.73        0.00154                       258606.50
4026551.99        0.00155
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 165
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B  ***
                                  INCLUDING SOURCE(S):     PHASE2B     ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         258615.03    4026530.25        0.00157                       258623.57
4026508.52        0.00159
         258632.11    4026486.78        0.00160                       258640.65
4026465.05        0.00161
         258649.19    4026443.31        0.00162                       258657.73
4026421.57        0.00162
         258666.26    4026399.84        0.00161                       258674.80
4026378.10        0.00159
         258683.34    4026356.37        0.00157                       258691.88
4026334.63        0.00154
         258700.42    4026312.89        0.00150                       258708.95
4026291.16        0.00146
         258717.49    4026269.42        0.00141                       258726.03
4026247.69        0.00136
         258734.57    4026225.95        0.00131                       258743.11
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4026204.21        0.00125
         258751.64    4026182.48        0.00120                    258760.18
4026160.74        0.00115
         258768.72    4026139.01        0.00110                    258777.26
4026117.27        0.00106
         258785.80    4026095.53        0.00101                    258794.34
4026073.80        0.00098
         258802.87    4026052.06        0.00094                    258811.41
4026030.33        0.00091
         258819.95    4026008.59        0.00088                    258828.49
4025986.85        0.00086
         258837.03    4025965.12        0.00084                    258845.56
4025943.38        0.00083
         258854.10    4025921.65        0.00081                    258862.64
4025899.91        0.00080
         258871.18    4025878.17        0.00079                    258901.10
4025847.05        0.00077
         258922.48    4025837.66        0.00077                    258943.86
4025828.27        0.00077
         258965.24    4025818.88        0.00077                    258986.63
4025809.49        0.00078
         259008.01    4025800.09        0.00078                    259029.39
4025790.70        0.00080
         259050.77    4025781.31        0.00081                    259072.15
4025771.92        0.00083
         259093.53    4025762.53        0.00085                    259114.92
4025753.14        0.00088
         259136.30    4025743.75        0.00090                    259157.68
4025734.36        0.00093
         259179.06    4025724.97        0.00095                    259200.44
4025715.58        0.00098
         259221.82    4025706.19        0.00100                    259243.21
4025696.80        0.00102
         259264.59    4025687.41        0.00104                    259285.97
4025678.02        0.00106
         259307.35    4025668.63        0.00107                    259328.73
4025659.24        0.00108
         259350.11    4025649.85        0.00108                    259371.50
4025640.46        0.00108
         259392.88    4025631.07        0.00108                    259414.26
4025621.68        0.00108
         259435.64    4025612.29        0.00107                    259457.02
4025602.90        0.00106
         259478.40    4025593.51        0.00105                    259499.79
4025584.12        0.00104
         259521.17    4025574.73        0.00103                    259542.55
4025565.34        0.00102
         259563.93    4025555.95        0.00100                    259585.31
4025546.55        0.00099
         259606.69    4025537.16        0.00097                    259628.08
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4025527.77        0.00096
         259649.46    4025518.38        0.00095                       259670.84
4025508.99        0.00095
         259692.22    4025499.60        0.00094                       259713.60
4025490.21        0.00094
         259734.98    4025480.82        0.00094                       259756.37
4025471.43        0.00094
         259777.75    4025462.04        0.00094                       259799.13
4025452.65        0.00094
         259820.51    4025443.26        0.00094                       259841.89
4025433.87        0.00094
         259863.27    4025424.48        0.00094                       259884.66
4025415.09        0.00094
         259906.04    4025405.70        0.00094                       258461.35
4026921.50        0.00209
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 166
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B  ***
                                  INCLUDING SOURCE(S):     PHASE2B     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         258461.75    4026944.86        0.00213                       258462.14
4026968.23        0.00216
         258462.54    4026991.59        0.00219                       258462.94
4027014.95        0.00219
         258463.34    4027038.31        0.00219                       258463.74
4027061.67        0.00218
         259934.28    4026786.78        0.01298                       259843.61
4026789.17        0.00993
         259775.62    4026790.96        0.00788                       259910.29
4026737.40        0.00998
         259796.97    4026740.38        0.00738                       259774.30
4026740.98        0.00687
         259751.64    4026741.57        0.00639                       259930.33
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4026636.84 0.00718
259794.33 4026640.42 0.00574 259771.67
4026641.01 0.00544
259749.00 4026641.61 0.00513 259950.36
4026536.27 0.00537
259927.70 4026536.87 0.00521 259791.70
4026540.45 0.00452
259769.04 4026541.05 0.00437 259746.37
4026541.64 0.00420
259947.73 4026436.31 0.00404 259925.07
4026436.90 0.00395
259789.07 4026440.48 0.00361 259766.41
4026441.08 0.00355
259743.74 4026441.68 0.00347 259945.10
4026336.34 0.00322
259922.43 4026336.94 0.00315 259786.44
4026340.52 0.00292
259763.77 4026341.12 0.00290 259741.11
4026341.71 0.00287
259939.84 4026136.41 0.00220 259917.17
4026137.01 0.00216
259894.50 4026137.61 0.00212 259871.84
4026138.20 0.00209
259849.17 4026138.80 0.00206 259826.51
4026139.40 0.00204
259803.84 4026139.99 0.00203 259781.18
4026140.59 0.00202
259758.51 4026141.19 0.00201 259735.85
4026141.78 0.00201
259934.57 4025936.48 0.00163 259911.91
4025937.08 0.00161
259889.24 4025937.67 0.00159 259866.58
4025938.27 0.00157
259843.91 4025938.87 0.00155 259821.24
4025939.46 0.00153
259798.58 4025940.06 0.00152 259775.91
4025940.66 0.00151
259753.25 4025941.25 0.00150 259730.58
4025941.85 0.00150
259929.31 4025736.55 0.00129 259906.64
4025737.15 0.00128
259883.98 4025737.74 0.00126 259861.31
4025738.34 0.00125
259838.65 4025738.94 0.00123 259815.98
4025739.53 0.00122
259793.32 4025740.13 0.00121 259770.65
4025740.73 0.00120
259747.99 4025741.32 0.00119 259725.32
4025741.92 0.00118
259924.05 4025536.62 0.00106 259901.38

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4025537.22        0.00105
         259878.72    4025537.81        0.00104                       259856.05
4025538.41        0.00103
         259833.38    4025539.01        0.00102                       259810.72
4025539.60        0.00101
         259788.05    4025540.20        0.00101                       259765.39
4025540.80        0.00100
         259742.72    4025541.39        0.00099                       259720.06
4025541.99        0.00098
         260259.41    4027030.57        0.25335                       260258.91
4027007.71        0.22841
         260258.41    4026984.85        0.20058                       260257.92
4026961.98        0.17351
         260257.42    4026939.12        0.14884                       260256.92
4026916.26        0.12680
         260256.42    4026893.39        0.10770                       260359.39
4027028.40        0.11595
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 167
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B  ***
                                    INCLUDING SOURCE(S):     PHASE2B     ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         260358.89    4027005.53        0.11579                       260358.39
4026982.67        0.11376
         260357.89    4026959.81        0.10992                       260357.39
4026936.94        0.10450
         260356.90    4026914.08        0.09790                       260356.40
4026891.22        0.09057
         260459.36    4027026.22        0.05464                       260458.87
4027003.35        0.05709
         260458.37    4026980.49        0.05890                       260457.87
4026957.63        0.06006
         260457.37    4026934.76        0.06057                       260456.87
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4026911.90        0.06039
         260456.37    4026889.04        0.05952                  260659.32
4027021.86        0.01602
         260658.82    4026998.99        0.01698                  260658.32
4026976.13        0.01801
         260657.82    4026953.27        0.01914                  260657.32
4026930.40        0.02016
         260656.82    4026907.54        0.02102                  260656.33
4026884.68        0.02184
         260859.27    4027017.50        0.00738                  260858.77
4026994.64        0.00774
         260858.27    4026971.77        0.00816                  260857.77
4026948.91        0.00856
         260857.28    4026926.05        0.00892                  260856.78
4026903.18        0.00928
         260856.28    4026880.32        0.00963                  261059.22
4027013.14        0.00428
         261058.72    4026990.28        0.00448                  261058.22
4026967.42        0.00470
         261057.73    4026944.55        0.00489                  261057.23
4026921.69        0.00507
         261056.73    4026898.83        0.00525                  261056.23
4026875.96        0.00542
         261259.17    4027008.78        0.00284                  261258.68
4026985.92        0.00295
         261258.18    4026963.06        0.00308                  261257.68
4026940.19        0.00322
         261257.18    4026917.33        0.00335                  261256.68
4026894.47        0.00347
         261256.18    4026871.60        0.00358                  259796.13
4026879.73        0.01157
         259754.95    4026854.32        0.00920                  259754.15
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         259782.14    4026815.29        0.00868                  259810.93
4026826.23        0.00995
         259798.03    4026771.96        0.00806                  259766.16
4026710.47        0.00622
         259713.18    4026705.57        0.00524                  259863.07
4026697.95        0.00785
         259730.08    4026655.01        0.00498                  259763.58
4026610.76        0.00501
         259879.85    4026654.96        0.00706                  259977.30
4026719.03        0.01068
         259998.89    4026767.78        0.01424                  259760.72
4026510.93        0.00407
         259828.46    4026536.69        0.00469                  259879.27
4026556.01        0.00522
         259913.14    4026568.88        0.00562                  259757.73
4026411.06        0.00331
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4026469.70        0.00426
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4026528.34        0.00681
         260107.90    4026558.14        0.00880                       260137.61
4026625.19        0.01310
         260182.16    4026725.77        0.02692                       260197.01
4026759.29        0.03537
         260211.87    4026792.82        0.04697                       260226.72
4026826.34        0.06264
         260241.57    4026859.87        0.08299                       259754.68
4026311.16        0.00273
         259875.60    4026357.14        0.00316                       259910.15
4026370.27        0.00334
         260031.07    4026416.25        0.00446                       260065.62
4026429.38        0.00503
         260100.17    4026442.52        0.00581                       260134.71
4026455.65        0.00682
         260199.20    4026536.38        0.01156                       260214.18
4026570.17        0.01404
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                PAGE 168
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B  ***
                                 INCLUDING SOURCE(S):     PHASE2B     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         260229.15    4026603.97        0.01721                       260244.12
4026637.76        0.02130
         260259.09    4026671.55        0.02665                       260274.06
4026705.35        0.03349
         260289.03    4026739.14        0.04206                       260304.00
4026772.94        0.05236
         260318.97    4026806.73        0.06393                       260333.94
4026840.52        0.07592
         259751.01    4026211.03        0.00227                       259784.60
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4026223.80        0.00233
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4026268.50        0.00269
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4026332.35        0.00395
         260103.69    4026345.12        0.00447                    260137.28
4026357.90        0.00514
         260170.87    4026370.67        0.00595                    260221.26
4026389.82        0.00741
         260252.61    4026429.06        0.00924                    260267.16
4026461.92        0.01082
         260281.71    4026494.77        0.01276                    260296.27
4026527.63        0.01514
         260310.82    4026560.48        0.01809                    260325.38
4026593.34        0.02170
         260339.93    4026626.19        0.02603                    260354.49
4026659.05        0.03111
         260369.04    4026691.90        0.03681                    260383.60
4026724.76        0.04286
         260398.15    4026757.62        0.04894                    260412.71
4026790.47        0.05436
         260427.26    4026823.33        0.05843                    260441.82
4026856.18        0.06033
         259715.72    4026205.24        0.00223                    259744.88
4026011.23        0.00165
         259778.98    4026024.19        0.00169                    259864.21
4026056.60        0.00183
         259898.31    4026069.56        0.00191                    259932.40
4026082.52        0.00200
         259966.50    4026095.49        0.00211                    260000.59
4026108.45        0.00223
         260034.68    4026121.41        0.00239                    260068.78
4026134.38        0.00259
         260102.87    4026147.34        0.00285                    260136.97
4026160.30        0.00318
         260171.06    4026173.26        0.00360                    260222.20
4026192.71        0.00435
         260341.53    4026238.08        0.00641                    260383.01
4026267.72        0.00756
         260397.79    4026301.06        0.00859                    260412.56
4026334.41        0.00980
         260427.33    4026367.76        0.01119                    260442.11
4026401.11        0.01279
         260456.88    4026434.46        0.01461                    260471.65
4026467.81        0.01663
         260486.43    4026501.16        0.01883                    260501.20
4026534.51        0.02116
         260515.98    4026567.86        0.02351                    260530.75
4026601.21        0.02576
         260545.52    4026634.56        0.02773                    260560.30
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4026667.91        0.02926
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4026734.61        0.03028
         260604.62    4026767.96        0.02954                       260619.39
4026801.30        0.02798
         260634.17    4026834.65        0.02577                       259709.35
4026005.34        0.00164
         259738.67    4025811.39        0.00128                       259773.09
4025824.48        0.00131
         259859.15    4025857.20        0.00142                       259893.58
4025870.29        0.00147
         259928.00    4025883.38        0.00152                       259962.42
4025896.47        0.00158
         259996.85    4025909.55        0.00166                       260031.27
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         260065.69    4025935.73        0.00186                       260100.12
4025948.82        0.00201
         260134.54    4025961.91        0.00217                       260168.96
4025974.99        0.00242
         260341.08    4026040.43        0.00404                       260375.50
4026053.52        0.00440
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                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B  ***
                                 INCLUDING SOURCE(S):     PHASE2B     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
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4026079.70        0.00521
         260478.78    4026092.79        0.00568                       260520.66
4026122.71        0.00651
         260535.57    4026156.38        0.00722                       260550.49
4026190.05        0.00801
         260565.41    4026223.72        0.00887                       260580.32
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4026257.40        0.00982
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4026324.74        0.01198
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4026392.08        0.01426
         260654.91    4026425.75        0.01533                    260669.82
4026459.43        0.01629
         260684.74    4026493.10        0.01710                    260699.66
4026526.77        0.01774
         260714.57    4026560.44        0.01814                    260729.49
4026594.11        0.01823
         260744.40    4026627.78        0.01795                    260759.32
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         260774.24    4026695.13        0.01632                    260789.15
4026728.80        0.01511
         260804.07    4026762.47        0.01380                    260818.99
4026796.14        0.01247
         260833.90    4026829.81        0.01124                    259702.97
4025805.44        0.00127
         259732.09    4025611.42        0.00105                    259766.12
4025624.36        0.00107
         259851.18    4025656.70        0.00114                    259885.21
4025669.63        0.00118
         259919.23    4025682.57        0.00122                    259953.26
4025695.51        0.00125
         259987.28    4025708.44        0.00129                    260021.31
4025721.38        0.00135
         260055.33    4025734.32        0.00142                    260089.36
4025747.25        0.00150
         260123.38    4025760.19        0.00160                    260157.41
4025773.13        0.00173
         260208.45    4025792.53        0.00198                    260344.55
4025844.28        0.00285
         260378.57    4025857.22        0.00307                    260412.60
4025870.15        0.00328
         260446.62    4025883.09        0.00350                    260480.65
4025896.02        0.00374
         260514.67    4025908.96        0.00400                    260548.70
4025921.90        0.00434
         260582.72    4025934.83        0.00467                    260616.75
4025947.77        0.00500
         260658.15    4025977.35        0.00554                    260672.89
4026010.63        0.00600
         260687.63    4026043.91        0.00651                    260702.38
4026077.19        0.00706
         260717.12    4026110.48        0.00766                    260731.86
4026143.76        0.00829
         260746.61    4026177.04        0.00893                    260761.35
4026210.32        0.00956
         260776.10    4026243.60        0.01015                    260790.84
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4026276.89        0.01069
         260805.58    4026310.17        0.01117                       260820.33
4026343.45        0.01158
         260835.07    4026376.73        0.01193                       260849.82
4026410.01        0.01218
         260864.56    4026443.30        0.01230                       260879.30
4026476.58        0.01225
         260894.05    4026509.86        0.01200                       260908.79
4026543.14        0.01157
         260923.54    4026576.42        0.01099                       260938.28
4026609.71        0.01031
         260953.02    4026642.99        0.00956                       260967.77
4026676.27        0.00881
         260982.51    4026709.55        0.00809                       260997.26
4026742.83        0.00741
         261012.00    4026776.12        0.00680                       261026.74
4026809.40        0.00631
         261041.49    4026842.68        0.00586                       259696.59
4025605.54        0.00103
         259725.84    4025411.57        0.00089                       259760.11
4025424.60        0.00091
         259845.80    4025457.18        0.00096                       259880.07
4025470.21        0.00098
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 170
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B  ***
                                 INCLUDING SOURCE(S):     PHASE2B     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         259914.35    4025483.24        0.00101                       259948.62
4025496.27        0.00103
         259982.90    4025509.30        0.00106                       260017.17
4025522.34        0.00110
         260051.45    4025535.37        0.00114                       260085.72
```

4025548.40 0.00120
260119.99 4025561.43 0.00126 260154.27
4025574.46 0.00134
260205.68 4025594.01 0.00150 260291.37
4025626.59 0.00187
260342.78 4025646.13 0.00212 260377.05
4025659.16 0.00227
260411.33 4025672.20 0.00241 260445.60
4025685.23 0.00256
260479.88 4025698.26 0.00270 260514.15
4025711.29 0.00286
260548.43 4025724.32 0.00304 260582.70
4025737.35 0.00324
260616.97 4025750.38 0.00346 260651.25
4025763.42 0.00369
260685.52 4025776.45 0.00391 260719.80
4025789.48 0.00413
260754.07 4025802.51 0.00435 260795.77
4025832.30 0.00471
260810.63 4025865.83 0.00504 260825.48
4025899.36 0.00540
260840.33 4025932.88 0.00579 260855.18
4025966.41 0.00620
260870.03 4025999.93 0.00661 260884.89
4026033.46 0.00701
260899.74 4026066.98 0.00738 260914.59
4026100.51 0.00771
260929.44 4026134.04 0.00800 260944.29
4026167.56 0.00825
260959.14 4026201.09 0.00849 260974.00
4026234.61 0.00869
260988.85 4026268.14 0.00886 261003.70
4026301.67 0.00895
261018.55 4026335.19 0.00895 261033.40
4026368.72 0.00883
261048.26 4026402.24 0.00860 261063.11
4026435.77 0.00826
261077.96 4026469.29 0.00787 261092.81
4026502.82 0.00741
261107.66 4026536.35 0.00694 261122.52
4026569.87 0.00647
261137.37 4026603.40 0.00601 261152.22
4026636.92 0.00559
261167.07 4026670.45 0.00521 261181.92
4026703.97 0.00487
261196.78 4026737.50 0.00458 261211.63
4026771.03 0.00431
261226.48 4026804.55 0.00406 261241.33
4026838.08 0.00382
259690.21 4025405.64 0.00088 259694.18

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4026881.02        0.00904
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4026882.65        0.00797
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4026857.65        0.00726
         259569.47    4026858.74        0.00677                       259544.63
4026859.28        0.00652
         259519.80    4026859.82        0.00627                       259470.13
4026860.91        0.00578
         259445.30    4026861.45        0.00553                       259643.42
4026832.12        0.00674
         259618.59    4026832.66        0.00653                       259544.09
4026834.29        0.00605
         259519.25    4026834.83        0.00586                       259444.75
4026836.46        0.00528
         259667.71    4026806.58        0.00631                       259642.87
4026807.12        0.00597
         259568.37    4026808.75        0.00565                       259543.54
4026809.29        0.00556
         259469.04    4026810.92        0.00515                       259444.21
4026811.46        0.00501
         259691.45    4026756.05        0.00561                       259666.62
4026756.59        0.00533
         259641.78    4026757.13        0.00505                       259592.11
4026758.22        0.00479
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                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B  ***
                                  INCLUDING SOURCE(S):     PHASE2B     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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         259665.52    4026706.60        0.00463                    259591.02
4026708.23        0.00409
         259566.19    4026708.77        0.00399                    259491.69
4026710.40        0.00381
         259466.85    4026710.95        0.00378                    259689.26
4026656.07        0.00443
         259639.60    4026657.16        0.00391                    259614.76
4026657.70        0.00373
         259589.93    4026658.24        0.00357                    259515.43
4026659.87        0.00330
         259490.59    4026660.41        0.00326                    259663.34
4026606.63        0.00379
         259638.50    4026607.17        0.00355                    259613.67
4026607.71        0.00334
         259539.17    4026609.34        0.00297                    259514.34
4026609.88        0.00289
         259439.84    4026611.51        0.00276                    259636.32
4026507.19        0.00310
         259611.49    4026507.74        0.00293                    259586.65
4026508.28        0.00277
         259561.82    4026508.82        0.00262                    259487.32
4026510.45        0.00231
         259462.48    4026510.99        0.00223                    259634.13
4026407.22        0.00277
         259609.30    4026407.76        0.00262                    259584.47
4026408.30        0.00248
         259559.63    4026408.85        0.00235                    259534.80
4026409.39        0.00223
         259435.47    4026411.56        0.00186                    259631.95
4026307.24        0.00246
         259607.12    4026307.78        0.00237                    259582.28
4026308.33        0.00228
         259557.45    4026308.87        0.00218                    259532.61
4026309.41        0.00207
         259507.78    4026309.96        0.00197                    259482.95
4026310.50        0.00187
         259458.11    4026311.04        0.00178                    259433.28
4026311.58        0.00170
         259679.43    4026206.18        0.00221                    259654.60
4026206.72        0.00219
         259629.76    4026207.27        0.00216                    259604.93
4026207.81        0.00211
         259580.10    4026208.35        0.00206                    259555.26
4026208.89        0.00199
         259530.43    4026209.44        0.00192                    259675.06
4026006.23        0.00164
         259650.23    4026006.77        0.00164                    259625.39
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4026007.31        0.00164
         259600.56    4026007.86        0.00164                       259575.73
4026008.40        0.00163
         259550.89    4026008.94        0.00161                       259526.06
4026009.48        0.00159
         259670.69    4025806.28        0.00127                       259645.86
4025806.82        0.00128
         259621.02    4025807.36        0.00129                       259596.19
4025807.90        0.00129
         259571.36    4025808.45        0.00129                       259546.52
4025808.99        0.00130
         259521.69    4025809.53        0.00130                       259666.32
4025606.32        0.00103
         259641.49    4025606.87        0.00103                       259616.65
4025607.41        0.00104
         259591.82    4025607.95        0.00104                       259566.99
4025608.49        0.00105
         259542.15    4025609.04        0.00106                       259517.32
4025609.58        0.00106
         259661.95    4025406.37        0.00087                       259637.12
4025406.91        0.00087
         259612.29    4025407.46        0.00087                       259587.45
4025408.00        0.00087
         259562.62    4025408.54        0.00088                       259537.78
4025409.08        0.00088
         259512.95    4025409.63        0.00089                       259488.12
4025410.17        0.00090
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 172
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B  ***
                                 INCLUDING SOURCE(S):     PHASE2B     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         259463.28    4025410.71        0.00090                       259438.45
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4025411.26 0.00090
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4026953.67 0.00601
259422.99 4026995.42 0.00642 259396.80
4026933.27 0.00551
259397.59 4026975.02 0.00587 259398.39
4027016.78 0.00630
259409.77 4026851.82 0.00510 259317.30
4026860.93 0.00434
259331.22 4026825.36 0.00430 259355.67
4026799.88 0.00434
259296.82 4026935.18 0.00451 259297.61
4026976.93 0.00481
259298.41 4027018.68 0.00518 259354.57
4026749.90 0.00396
259389.55 4026734.53 0.00392 259217.31
4026862.84 0.00362
259231.23 4026827.26 0.00362 259245.15
4026791.69 0.00363
259259.07 4026756.11 0.00359 259283.52
4026730.64 0.00356
259370.97 4026692.23 0.00345 259405.95
4026676.86 0.00332
259196.83 4026937.09 0.00382 259197.63
4026978.84 0.00411
259198.43 4027020.59 0.00443 259169.22
4026858.94 0.00333
259184.41 4026820.13 0.00333 259199.59
4026781.32 0.00335
259214.78 4026742.51 0.00334 259249.04
4026695.31 0.00325
259287.20 4026678.55 0.00322 259325.36
4026661.79 0.00314
259401.68 4026628.27 0.00287 259146.84
4026938.04 0.00359
259147.64 4026979.79 0.00388 259148.44
4027021.55 0.00417
259213.78 4026609.86 0.00267 259251.10
4026593.47 0.00255
259288.41 4026577.09 0.00243 259325.72
4026560.70 0.00236
259363.03 4026544.31 0.00227 258968.46
4026864.80 0.00259
258983.11 4026827.35 0.00249 258997.76
4026789.90 0.00243
259012.42 4026752.45 0.00247 259027.07
4026715.00 0.00252
259041.72 4026677.55 0.00255 259056.37
4026640.10 0.00253
259071.02 4026602.65 0.00247 259104.09

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4026557.11        0.00234
         259140.91    4026540.94        0.00228                       259177.73
4026524.76        0.00218
         259251.37    4026492.42        0.00196                       259288.19
4026476.25        0.00185
         259325.01    4026460.08        0.00180                       259361.83
4026443.90        0.00181
         259398.65    4026427.73        0.00183                       258946.88
4026941.86        0.00296
         258947.68    4026983.61        0.00317                       258948.47
4027025.36        0.00334
         259070.77    4026470.81        0.00196                       259108.93
4026454.05        0.00187
         259147.09    4026437.29        0.00177                       259185.25
4026420.53        0.00168
         259223.41    4026403.76        0.00160                       259299.72
4026370.24        0.00154
         259337.88    4026353.48        0.00156                       259376.04
4026336.72        0.00160
         258754.01    4026905.64        0.00242                       258769.00
4026867.32        0.00227
         258783.99    4026829.01        0.00215                       258798.98
4026790.69        0.00205
         258813.97    4026752.38        0.00199                       258828.96
4026714.06        0.00197
         258843.95    4026675.75        0.00199                       258858.94
4026637.43        0.00203
         258873.93    4026599.12        0.00207                       258888.92
4026560.80        0.00207
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 173
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B  ***
                                 INCLUDING SOURCE(S):     PHASE2B     ,

                                           *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4026607.88   0.00141
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4026531.52   0.00141
         258518.38   4026493.34   0.00144   258533.31
4026455.15   0.00147
         258548.25   4026416.97   0.00149   258563.19
4026378.79   0.00150
         258578.13   4026340.61   0.00149   258593.07
4026302.43   0.00145
         258608.00   4026264.25   0.00140   258622.94
4026226.07   0.00134
         258637.88   4026187.88   0.00127   258671.59
4026141.46   0.00116
         258709.13   4026124.97   0.00111   258746.66
4026108.48   0.00106
         258821.74   4026075.51   0.00097   258859.28
4026059.02   0.00094
         258896.82   4026042.53   0.00092   258934.36
4026026.04   0.00091
         258971.90   4026009.56   0.00090   259009.43
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4026995.05   0.00204
         258348.58   4027036.81   0.00203   258154.17
4026916.97   0.00176
         258169.25   4026878.43   0.00175   258184.33
4026839.88   0.00169
         258199.40   4026801.34   0.00162   258214.48
4026762.80   0.00155

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B ***
                                 INCLUDING SOURCE(S):   PHASE2B   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)

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Y-COORD (M)        CONC
 - - -
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4026338.46        0.00112
         258197.21    4026299.65        0.00114                       258212.40
4026260.83        0.00116
         258227.58    4026222.02        0.00117                       258242.77
4026183.21        0.00118
         258257.95    4026144.40        0.00116                       258273.14
4026105.58        0.00115
         258288.32    4026066.77        0.00111                       258303.51
4026027.96        0.00107
         258318.69    4025989.14        0.00103                       258333.88
4025950.33        0.00098
         258349.06    4025911.52        0.00092                       258383.33
4025864.33        0.00085
         258421.49    4025847.57        0.00081                       258459.64
4025830.81        0.00077
         258497.80    4025814.05        0.00074                       258535.96
4025797.28        0.00072
         258574.12    4025780.52        0.00071                       258612.28
4025763.76        0.00070
         258650.44    4025747.00        0.00069                       258688.60
4025730.24        0.00068
         258726.76    4025713.48        0.00068                       258764.92
4025696.72        0.00067
         258803.07    4025679.96        0.00067                       258841.23
4025663.20        0.00067
         258879.39    4025646.44        0.00067                       258917.55
4025629.68        0.00069
         258955.71    4025612.92        0.00071                       258993.87
4025596.16        0.00074
         259032.03    4025579.40        0.00078                       259070.19
4025562.64        0.00081
         259108.35    4025545.88        0.00085                       259146.50
4025529.12        0.00088
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                        ***        18:20:08

                                   PAGE 175
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B  ***
                                    INCLUDING SOURCE(S):     PHASE2B     ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF OTHER    IN MICROGRAMS/M**3
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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259337.30	4025445.32	0.00093	259375.46	4025428.56	0.00092
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257948.65	4027044.44	0.00157	259440.80	4026786.83	0.00470
259379.45	4026788.79	0.00439	259436.01	4026636.90	0.00297
259432.81	4026536.95	0.00229	259426.43	4026337.06	0.00172
259420.04	4026137.16	0.00153	259379.14	4026138.47	0.00142
259413.66	4025937.26	0.00137	259372.76	4025938.57	0.00130
259407.27	4025737.36	0.00118	259366.37	4025738.67	0.00115
259400.88	4025537.46	0.00100	259359.98	4025538.77	0.00100
259359.62	4026838.10	0.00458	259400.71	4026338.79	0.00166
259330.90	4027040.02	0.00570	259334.08	4027080.58	0.00609
259338.10	4026995.92	0.00536	259305.97	4027041.98	0.00546
259309.16	4027082.54	0.00582	259338.57	4026970.92	0.00514
259282.64	4027064.21	0.00542	259285.83	4027104.77	0.00571
259320.38	4026953.78	0.00484	259259.31	4027086.45	0.00534
259219.74	4027011.60	0.00450	259233.19	4026973.40	0.00429
259206.28	4027049.81	0.00468	259209.47	4027090.37	0.00492
259176.62	4026996.42	0.00414	259156.43	4027053.73	0.00440
259159.62	4027094.29	0.00458	259113.32	4027038.54	0.00409
259126.77	4027000.33	0.00392	259192.54	4026858.76	0.00346
259267.22	4026827.36	0.00386	259108.18		

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4027077.92        0.00420
         259111.37    4027118.48        0.00429                       259090.38
4026966.04        0.00353
         259103.84    4026927.84        0.00334                       259117.29
4026889.63        0.00319
         259130.75    4026851.43        0.00310                       259156.15
4026824.47        0.00319
         259212.16    4026800.92        0.00346                       259268.17
4026777.37        0.00372
         259058.33    4027081.84        0.00394                       259061.52
4027122.40        0.00401
         258963.78    4027050.29        0.00345                       258977.23
4027012.08        0.00339
         258990.69    4026973.88        0.00325                       259004.15
4026935.67        0.00306
         259031.06    4026859.26        0.00272                       259044.51
4026821.05        0.00264
         259057.97    4026782.85        0.00265                       259083.37
4026755.89        0.00274
         259176.72    4026716.64        0.00311                       259214.06
4026700.94        0.00318
         258958.64    4027089.67        0.00349                       258961.83
4027130.23        0.00353
         258884.27    4027000.81        0.00307                       258897.72
4026962.61        0.00294
         258911.18    4026924.40        0.00279                       258924.64
4026886.19        0.00263
         258938.09    4026847.99        0.00249                       258951.55
4026809.78        0.00238
         258965.01    4026771.58        0.00235                       258978.46
4026733.37        0.00236
         259010.59    4026687.32        0.00246                       259066.60
4026663.76        0.00261
         259103.94    4026648.06        0.00269                       259141.27
4026632.36        0.00271
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 176
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B  ***
                                 INCLUDING SOURCE(S):     PHASE2B     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
258857.36	4027077.22	0.00313	258860.54	4027117.78	0.00314
258764.39	4027065.95	0.00285	258777.85	4027027.75	0.00283
258791.30	4026989.54	0.00279	258804.76	4026951.34	0.00270
258818.22	4026913.13	0.00256	258831.67	4026874.92	0.00240
258845.13	4026836.72	0.00227	258858.59	4026798.51	0.00217
258872.04	4026760.31	0.00211	258885.50	4026722.10	0.00211
258898.95	4026683.90	0.00214	258912.41	4026645.69	0.00218
258937.81	4026618.74	0.00223	259012.49	4026587.33	0.00233
259049.83	4026571.63	0.00234	258759.26	4027105.34	0.00282
258762.44	4027145.90	0.00280	258684.88	4027016.48	0.00262
258698.34	4026978.27	0.00259	258711.80	4026940.07	0.00250
258725.25	4026901.86	0.00236	258738.71	4026863.65	0.00222
258752.16	4026825.45	0.00209	258765.62	4026787.24	0.00199
258779.08	4026749.04	0.00192	258792.53	4026710.83	0.00190
258805.99	4026672.63	0.00190	258819.45	4026634.42	0.00194
258832.90	4026596.21	0.00198	258865.03	4026550.16	0.00202
258939.71	4026518.75	0.00208	258977.05	4026503.05	0.00207
258657.97	4027092.89	0.00256	258661.16	4027133.45	0.00253
258465.31	4027089.45	0.00217	258485.50	4027032.14	0.00223
258498.95	4026993.94	0.00224	258512.41	4026955.73	0.00221
258525.87	4026917.52	0.00215	258539.32	4026879.32	0.00206
258552.78	4026841.11	0.00195	258566.24		

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4026802.91        0.00184
         258579.69    4026764.70        0.00175                        258593.15
4026726.50        0.00167
         258606.60    4026688.29        0.00161                        258620.06
4026650.09        0.00159
         258633.52    4026611.88        0.00159                        258646.97
4026573.67        0.00161
         258660.43    4026535.47        0.00164                        258673.89
4026497.26        0.00167
         258687.34    4026459.06        0.00168                        258719.47
4026413.00        0.00168
         258775.48    4026389.45        0.00168                        258812.82
4026373.75        0.00165
         258850.15    4026358.04        0.00161                        258924.83
4026326.64        0.00150
         258962.17    4026310.94        0.00143                        258999.51
4026295.24        0.00136
         259036.85    4026279.54        0.00130                        259074.19
4026263.84        0.00126
         259167.54    4026224.58        0.00120                        259204.87
4026208.88        0.00120
         259242.21    4026193.18        0.00121                        259279.55
4026177.48        0.00123
         259316.89    4026161.77        0.00128                        259354.23
4026146.07        0.00137
         258460.18    4027128.83        0.00212                        258463.36
4027169.39        0.00207
         258265.93    4027105.12        0.00184                        258279.38
4027066.91        0.00191
         258292.84    4027028.70        0.00196                        258306.30
4026990.50        0.00199
         258319.75    4026952.29        0.00198                        258339.94
4026894.98        0.00193
         258353.39    4026856.78        0.00184                        258366.85
4026818.57        0.00175
         258380.31    4026780.37        0.00168                        258393.76
4026742.16        0.00159
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 177
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B  ***
                                  INCLUDING SOURCE(S):     PHASE2B     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
258407.22	4026703.96	0.00151	258420.67	4026665.75	0.00144
258434.13	4026627.54	0.00139	258447.59	4026589.34	0.00137
258461.04	4026551.13	0.00137	258474.50	4026512.93	0.00138
258487.96	4026474.72	0.00140	258501.41	4026436.52	0.00143
258514.87	4026398.31	0.00145	258528.33	4026360.11	0.00146
258541.78	4026321.90	0.00144	258573.91	4026275.84	0.00141
258629.92	4026252.29	0.00139	258667.25	4026236.59	0.00136
258704.59	4026220.89	0.00131	258779.27	4026189.48	0.00120
258816.61	4026173.78	0.00115	258853.95	4026158.08	0.00110
258891.29	4026142.38	0.00106	258928.63	4026126.68	0.00103
259021.98	4026087.42	0.00099	259059.31	4026071.72	0.00098
259096.65	4026056.02	0.00098	259133.99	4026040.32	0.00099
259171.33	4026024.62	0.00100	259208.67	4026008.92	0.00104
259246.01	4025993.21	0.00109	259283.35	4025977.51	0.00116
259320.69	4025961.81	0.00122	258260.79	4027144.50	0.00179
258263.98	4027185.06	0.00176	258066.54	4027120.78	0.00159
258080.00	4027082.57	0.00165	258093.45	4027044.37	0.00172
258106.91	4027006.16	0.00176	258120.37	4026967.96	0.00176
258133.82	4026929.75	0.00175	258147.28	4026891.55	0.00174
258160.74	4026853.34	0.00170	258174.19	4026815.14	0.00164
258187.65	4026776.93	0.00156	258201.10		

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4026738.72        0.00150
         258214.56    4026700.52        0.00142                        258228.02
4026662.31        0.00135
         258241.47    4026624.11        0.00129                        258254.93
4026585.90        0.00124
         258268.39    4026547.70        0.00121                        258281.84
4026509.49        0.00119
         258295.30    4026471.28        0.00120                        258308.76
4026433.08        0.00122
         258322.21    4026394.87        0.00124                        258335.67
4026356.67        0.00126
         258349.12    4026318.46        0.00128                        258362.58
4026280.26        0.00129
         258376.04    4026242.05        0.00128                        258389.49
4026203.84        0.00126
         258402.95    4026165.64        0.00123                        258428.35
4026138.69        0.00121
         258503.02    4026107.28        0.00116                        258540.36
4026091.58        0.00112
         258577.70    4026075.88        0.00108                        258615.04
4026060.18        0.00103
         258652.38    4026044.48        0.00099                        258689.72
4026028.77        0.00095
         258727.06    4026013.07        0.00091                        258764.40
4025997.37        0.00088
         258801.74    4025981.67        0.00086                        258876.41
4025950.27        0.00084
         258913.75    4025934.56        0.00083                        258951.09
4025918.86        0.00083
         258988.43    4025903.16        0.00083                        259025.77
4025887.46        0.00083
         259063.11    4025871.76        0.00085                        259100.45
4025856.06        0.00087
         259137.79    4025840.35        0.00091                        259175.13
4025824.65        0.00096
         259212.47    4025808.95        0.00101                        259249.80
4025793.25        0.00106
         259287.14    4025777.55        0.00110                        259324.48
4025761.85        0.00113
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 178
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B  ***
                                 INCLUDING SOURCE(S):     PHASE2B     ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
258061.41	4027160.16	0.00154	258064.59	4027200.72	0.00152
257867.16	4027136.45	0.00138	257880.61	4027098.24	0.00143
257894.07	4027060.03	0.00150	257907.53	4027021.83	0.00156
257920.98	4026983.62	0.00160	258008.45	4026735.29	0.00142
258021.90	4026697.08	0.00136	258035.36	4026658.87	0.00129
258048.82	4026620.67	0.00123	258062.27	4026582.46	0.00118
258075.73	4026544.26	0.00113	258089.19	4026506.05	0.00109
258102.64	4026467.85	0.00107	258116.10	4026429.64	0.00107
258129.55	4026391.44	0.00107	258143.01	4026353.23	0.00109
258156.47	4026315.02	0.00111	258169.92	4026276.82	0.00112
258183.38	4026238.61	0.00114	258196.84	4026200.41	0.00114
258210.29	4026162.20	0.00115	258223.75	4026124.00	0.00114
258237.20	4026085.79	0.00112	258250.66	4026047.58	0.00109
258282.79	4026001.53	0.00104	258338.79	4025977.98	0.00101
258376.13	4025962.27	0.00098	258413.47	4025946.57	0.00094
258450.81	4025930.87	0.00090	258488.15	4025915.17	0.00087
258525.49	4025899.47	0.00083	258562.83	4025883.77	0.00080
258600.17	4025868.06	0.00078	258637.51	4025852.36	0.00076
258674.85	4025836.66	0.00074	258712.18	4025820.96	0.00073
258749.52	4025805.26	0.00073	258786.86		

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4025789.56        0.00072
         258824.20    4025773.85        0.00072                       258861.54
4025758.15        0.00072
         258898.88    4025742.45        0.00072                       258936.22
4025726.75        0.00072
         258973.56    4025711.05        0.00074                       259010.90
4025695.35        0.00076
         259048.24    4025679.64        0.00080                       259085.57
4025663.94        0.00084
         259122.91    4025648.24        0.00088                       259160.25
4025632.54        0.00092
         259197.59    4025616.84        0.00095                       259234.93
4025601.14        0.00098
         259272.27    4025585.44        0.00099                       259309.61
4025569.73        0.00101
         257862.02    4027175.83        0.00136                       257865.21
4027216.39        0.00136
         259335.94    4027123.45        0.00642                       259336.28
4027147.64        0.00657
         259336.62    4027171.84        0.00671                       259336.96
4027196.03        0.00682
         259337.30    4027220.23        0.00694                       259337.64
4027244.43        0.00705
         259337.98    4027268.62        0.00716                       259310.94
4027123.80        0.00610
         259311.28    4027147.99        0.00622                       259311.62
4027172.19        0.00633
         259311.96    4027196.39        0.00645                       259312.30
4027220.58        0.00656
         259312.64    4027244.78        0.00666                       259312.98
4027268.97        0.00676
         259286.29    4027148.35        0.00590                       259286.63
4027172.54        0.00601
         259286.97    4027196.74        0.00612                       259287.31
4027220.93        0.00622
         259287.65    4027245.13        0.00631                       259287.99
4027269.32        0.00640
         259260.95    4027124.50        0.00553                       259261.29
4027148.70        0.00562
         259261.63    4027172.89        0.00571                       259261.97
4027197.09        0.00581
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                PAGE 179
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                            *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
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VALUES FOR SOURCE GROUP: PHASE2B  ***
                                  INCLUDING SOURCE(S):     PHASE2B     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -
         259262.31    4027221.28        0.00591                      259262.65
4027245.48        0.00599
         259262.99    4027269.68        0.00606                      259210.95
4027125.20        0.00505
         259211.29    4027149.40        0.00512                      259211.63
4027173.59        0.00519
         259211.97    4027197.79        0.00526                      259212.31
4027221.99        0.00534
         259212.65    4027246.18        0.00541                      259212.99
4027270.38        0.00548
         259160.96    4027125.91        0.00465                      259161.30
4027150.10        0.00470
         259161.64    4027174.30        0.00475                      259161.98
4027198.49        0.00480
         259162.32    4027222.69        0.00486                      259162.66
4027246.88        0.00491
         259163.00    4027271.08        0.00498                      259111.30
4027150.80        0.00432
         259111.64    4027175.00        0.00436                      259111.98
4027199.20        0.00441
         259112.32    4027223.39        0.00445                      259112.66
4027247.59        0.00451
         259113.00    4027271.78        0.00457                      259061.31
4027151.51        0.00402
         259061.65    4027175.70        0.00405                      259061.99
4027199.90        0.00407
         259062.33    4027224.09        0.00411                      259062.67
4027248.29        0.00415
         259063.01    4027272.49        0.00421                      258961.32
4027152.91        0.00352
         258961.66    4027177.11        0.00352                      258962.00
4027201.30        0.00353
         258962.34    4027225.50        0.00355                      258962.68
4027249.69        0.00360
         258963.02    4027273.89        0.00367                      258861.33
4027154.32        0.00311
         258861.67    4027178.51        0.00310                      258862.01
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4027202.71        0.00310
         258862.35    4027226.90        0.00314                        258862.69
4027251.10        0.00317
         258863.03    4027275.30        0.00322                        258761.68
4027179.92        0.00277
         258762.02    4027204.11        0.00278                        258762.36
4027228.31        0.00279
         258762.70    4027252.50        0.00282                        258763.04
4027276.70        0.00287
         258661.35    4027157.13        0.00251                        258661.69
4027181.32        0.00249
         258662.03    4027205.52        0.00249                        258662.37
4027229.71        0.00251
         258662.71    4027253.91        0.00254                        258663.05
4027278.11        0.00259
         258462.05    4027208.33        0.00205                        258462.39
4027232.52        0.00205
         258462.73    4027256.72        0.00209                        258463.07
4027280.92        0.00214
         258262.07    4027211.14        0.00175                        258262.41
4027235.33        0.00176
         258262.75    4027259.53        0.00179                        258263.09
4027283.73        0.00183
         258062.43    4027238.14        0.00154                        258062.77
4027262.34        0.00156
         258063.11    4027286.54        0.00159                        257862.45
4027240.95        0.00137
         257862.79    4027265.15        0.00139                        257863.13
4027289.35        0.00142
         259338.18    4027292.34        0.00729                        259338.38
4027316.19        0.00744
         259338.58    4027340.05        0.00757                        259313.18
4027292.55        0.00688
         259313.38    4027316.40        0.00702                        259313.58
4027340.26        0.00716
         259288.18    4027292.76        0.00648                        259288.38
4027316.61        0.00661
         259288.58    4027340.47        0.00676                        259263.18
4027292.96        0.00614
         259263.38    4027316.82        0.00625                        259263.58
4027340.68        0.00640
         259213.19    4027293.38        0.00556                        259213.39
4027317.24        0.00567
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                        ***        18:20:08

                                  PAGE 180
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE2B ***

INCLUDING SOURCE(S): PHASE2B ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
259213.59	4027341.10	0.00578	259163.19	4027293.80	0.00507
259163.39	4027317.66	0.00518	259163.59	4027341.52	0.00529
259113.19	4027294.22	0.00464	259113.39	4027318.08	0.00473
259113.59	4027341.94	0.00483	259063.39	4027318.50	0.00436
259063.59	4027342.35	0.00446	258963.39	4027319.34	0.00377
258963.59	4027343.19	0.00385	258863.40	4027320.17	0.00333
258863.60	4027344.03	0.00339	258763.40	4027321.01	0.00297
258763.60	4027344.87	0.00303	258663.40	4027321.85	0.00268
258663.60	4027345.71	0.00274	258463.41	4027323.53	0.00224
258463.61	4027347.38	0.00229	258263.42	4027325.20	0.00192
258263.62	4027349.06	0.00197	258063.43	4027326.88	0.00166
258063.63	4027350.74	0.00170	257863.43	4027328.56	0.00147
257863.63	4027352.41	0.00151	259339.22	4027365.21	0.00770
259339.86	4027389.95	0.00779	259340.50	4027414.68	0.00784
259341.13	4027439.41	0.00784	259341.77	4027464.14	0.00778
259342.40	4027488.87	0.00768	259343.04	4027513.60	0.00758
259343.68	4027538.33	0.00746	259344.31	4027563.06	0.00734
259344.95	4027587.80	0.00717	259345.58		

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4027612.53        0.00697
         259346.22    4027637.26        0.00679                       259346.86
4027661.99        0.00662
         259347.49    4027686.72        0.00648                       259348.13
4027711.45        0.00631
         259314.23    4027365.86        0.00726                       259314.87
4027390.59        0.00737
         259315.50    4027415.32        0.00742                       259316.14
4027440.05        0.00742
         259316.78    4027464.78        0.00738                       259317.41
4027489.51        0.00730
         259318.05    4027514.24        0.00720                       259318.68
4027538.98        0.00709
         259319.32    4027563.71        0.00697                       259319.96
4027588.44        0.00684
         259320.59    4027613.17        0.00669                       259321.23
4027637.90        0.00651
         259321.86    4027662.63        0.00635                       259322.50
4027687.36        0.00622
         259323.14    4027712.10        0.00606                       259289.24
4027366.50        0.00690
         259289.88    4027391.23        0.00698                       259290.51
4027415.96        0.00703
         259291.15    4027440.69        0.00703                       259291.78
4027465.42        0.00701
         259292.42    4027490.16        0.00694                       259293.06
4027514.89        0.00683
         259293.69    4027539.62        0.00674                       259294.33
4027564.35        0.00665
         259294.96    4027589.08        0.00653                       259295.60
4027613.81        0.00641
         259296.24    4027638.54        0.00625                       259296.87
4027663.28        0.00609
         259297.51    4027688.01        0.00596                       259298.14
4027712.74        0.00583
         259264.25    4027367.14        0.00653                       259264.89
4027391.87        0.00662
         259265.52    4027416.60        0.00667                       259266.16
4027441.34        0.00667
         259266.79    4027466.07        0.00666                       259267.43
4027490.80        0.00662
         259268.07    4027515.53        0.00652                       259268.70
4027540.26        0.00642
         259269.34    4027564.99        0.00634                       259269.97
4027589.72        0.00623
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE2B ***
INCLUDING SOURCE(S): PHASE2B ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
259270.61	4027614.46	0.00612	259271.25	4027639.19	0.00599
259271.88	4027663.92	0.00586	259272.52	4027688.65	0.00573
259273.15	4027713.38	0.00560	259214.27	4027368.43	0.00591
259214.90	4027393.16	0.00599	259215.54	4027417.89	0.00603
259216.17	4027442.62	0.00604	259216.81	4027467.35	0.00605
259217.45	4027492.08	0.00603	259218.08	4027516.82	0.00598
259218.72	4027541.55	0.00588	259219.35	4027566.28	0.00578
259219.99	4027591.01	0.00568	259220.63	4027615.74	0.00560
259221.26	4027640.47	0.00551	259221.90	4027665.20	0.00541
259222.53	4027689.93	0.00531	259223.17	4027714.67	0.00521
259164.28	4027369.71	0.00541	259164.92	4027394.44	0.00549
259165.55	4027419.18	0.00554	259166.19	4027443.91	0.00557
259166.83	4027468.64	0.00556	259167.46	4027493.37	0.00553
259168.10	4027518.10	0.00546	259168.73	4027542.83	0.00539
259169.37	4027567.56	0.00533	259170.01	4027592.29	0.00525
259170.64	4027617.03	0.00520	259171.28	4027641.76	0.00513
259171.91	4027666.49	0.00506	259172.55		

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4027691.22        0.00497
         259173.19    4027715.95        0.00487                       259114.30
4027371.00        0.00496
         259114.93    4027395.73        0.00505                       259115.57
4027420.46        0.00508
         259116.21    4027445.19        0.00509                       259116.84
4027469.92        0.00509
         259117.48    4027494.65        0.00507                       259118.11
4027519.39        0.00505
         259118.75    4027544.12        0.00503                       259119.39
4027568.85        0.00500
         259120.02    4027593.58        0.00493                       259120.66
4027618.31        0.00487
         259121.29    4027643.04        0.00481                       259121.93
4027667.77        0.00474
         259122.57    4027692.51        0.00466                       259123.20
4027717.24        0.00457
         259064.32    4027372.28        0.00458                       259064.95
4027397.02        0.00466
         259065.59    4027421.75        0.00468                       259066.22
4027446.48        0.00470
         259066.86    4027471.21        0.00472                       259067.50
4027495.94        0.00474
         259068.13    4027520.67        0.00472                       259068.77
4027545.40        0.00469
         259069.40    4027570.13        0.00466                       259070.04
4027594.87        0.00461
         259070.68    4027619.60        0.00457                       259071.31
4027644.33        0.00451
         259071.95    4027669.06        0.00445                       259072.58
4027693.79        0.00437
         259073.22    4027718.52        0.00430                       258964.35
4027374.85        0.00395
         258964.98    4027399.59        0.00400                       258965.62
4027424.32        0.00406
         258966.26    4027449.05        0.00412                       258966.89
4027473.78        0.00413
         258967.53    4027498.51        0.00412                       258968.16
4027523.24        0.00412
         258968.80    4027547.97        0.00411                       258969.44
4027572.71        0.00409
         258970.07    4027597.44        0.00405                       258970.71
4027622.17        0.00401
         258971.34    4027646.90        0.00397                       258971.98
4027671.63        0.00394
         258972.62    4027696.36        0.00390                       258973.25
4027721.09        0.00385
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE2B ***
INCLUDING SOURCE(S): PHASE2B ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
258864.38	4027377.43	0.00348	258865.02	4027402.16	0.00353
258865.65	4027426.89	0.00358	258866.29	4027451.62	0.00362
258866.93	4027476.35	0.00363	258867.56	4027501.08	0.00365
258868.20	4027525.81	0.00363	258868.83	4027550.54	0.00363
258869.47	4027575.28	0.00363	258870.11	4027600.01	0.00362
258870.74	4027624.74	0.00360	258871.38	4027649.47	0.00357
258872.01	4027674.20	0.00353	258872.65	4027698.93	0.00350
258873.29	4027723.66	0.00346	258764.41	4027380.00	0.00313
258765.05	4027404.73	0.00319	258765.69	4027429.46	0.00323
258766.32	4027454.19	0.00326	258766.96	4027478.92	0.00326
258767.59	4027503.65	0.00326	258768.23	4027528.38	0.00326
258768.87	4027553.12	0.00326	258769.50	4027577.85	0.00325
258770.14	4027602.58	0.00325	258770.77	4027627.31	0.00324
258771.41	4027652.04	0.00322	258772.05	4027676.77	0.00320
258772.68	4027701.50	0.00317	258773.32	4027726.23	0.00313
258664.45	4027382.57	0.00283	258665.08		

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4027407.30        0.00287
         258665.72    4027432.03        0.00291                    258666.36
4027456.76        0.00293
         258666.99    4027481.49        0.00295                    258667.63
4027506.22        0.00296
         258668.26    4027530.95        0.00296                    258668.90
4027555.69        0.00294
         258669.54    4027580.42        0.00293                    258670.17
4027605.15        0.00293
         258670.81    4027629.88        0.00294                    258671.44
4027654.61        0.00293
         258672.08    4027679.34        0.00291                    258672.72
4027704.07        0.00290
         258673.35    4027728.81        0.00289                    258464.51
4027387.71        0.00237
         258465.15    4027412.44        0.00241                    258465.79
4027437.17        0.00244
         258466.42    4027461.90        0.00245                    258467.06
4027486.63        0.00246
         258467.69    4027511.37        0.00247                    258468.33
4027536.10        0.00247
         258468.97    4027560.83        0.00247                    258469.60
4027585.56        0.00246
         258470.24    4027610.29        0.00247                    258470.87
4027635.02        0.00247
         258471.51    4027659.75        0.00247                    258472.15
4027684.48        0.00247
         258472.78    4027709.22        0.00246                    258473.42
4027733.95        0.00245
         258264.58    4027392.85        0.00206                    258265.22
4027417.58        0.00208
         258265.85    4027442.31        0.00210                    258266.49
4027467.04        0.00211
         258267.12    4027491.78        0.00212                    258267.76
4027516.51        0.00212
         258268.40    4027541.24        0.00211                    258269.03
4027565.97        0.00210
         258269.67    4027590.70        0.00211                    258270.30
4027615.43        0.00212
         258270.94    4027640.16        0.00212                    258271.58
4027664.89        0.00212
         258272.21    4027689.63        0.00212                    258272.85
4027714.36        0.00212
         258273.48    4027739.09        0.00212                    258064.01
4027373.26        0.00174
         258064.65    4027397.99        0.00178                    258065.28
4027422.72        0.00182
         258065.92    4027447.45        0.00185                    258066.55
4027472.19        0.00187
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B ***
                                   INCLUDING SOURCE(S):   PHASE2B   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

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4027735.01        0.00702
         259441.35    4027734.61        0.00739                    259463.95
4027734.22        0.00778
         259486.54    4027733.82        0.00821                    259509.14
4027733.42        0.00867
         259531.74    4027733.02        0.00919                    259554.33
4027732.62        0.00976
         259576.93    4027732.23        0.01033                    259356.27
4027753.86        0.00613
         259396.60    4027760.40        0.00657                    259419.19
4027760.01        0.00690
         259441.79    4027759.61        0.00726                    259464.39
4027759.21        0.00765
         259486.98    4027758.81        0.00807                    259509.58
4027758.42        0.00852
         259532.18    4027758.02        0.00900                    259554.77
4027757.62        0.00953
         259577.37    4027757.22        0.01004                    259356.71
4027778.86        0.00599
         259313.55    4027747.57        0.00575                    259397.04
4027785.40        0.00646
         259419.63    4027785.00        0.00679                    259442.23
4027784.61        0.00715
         259464.83    4027784.21        0.00753                    259487.42
4027783.81        0.00793
         259510.02    4027783.41        0.00835                    259532.62
4027783.01        0.00879
         259555.21    4027782.62        0.00926                    259577.81
4027782.22        0.00971
         259357.15    4027803.85        0.00588                    259321.69
4027789.98        0.00558
         259296.26    4027765.62        0.00550                    259397.48
4027810.40        0.00637
         259420.07    4027810.00        0.00670                    259442.67
4027809.60        0.00706
         259465.27    4027809.20        0.00743                    259487.86
4027808.81        0.00780
         259510.46    4027808.41        0.00817                    259533.06
4027808.01        0.00855
         259555.65    4027807.61        0.00893                    259578.25
4027807.21        0.00932
         259358.03    4027853.85        0.00575                    259322.57
4027839.97        0.00540
         259287.11    4027826.09        0.00512                    259261.67
4027801.73        0.00504
         259246.27    4027766.91        0.00513                    259398.36
4027860.39        0.00625
         259420.95    4027859.99        0.00656                    259443.55
4027859.59        0.00688
         259466.15    4027859.20        0.00719                    259488.74
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE2B ***
                                   INCLUDING SOURCE(S):   PHASE2B   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                            ** CONC OF OTHER   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

4027960.37 0.00593
259422.71 4027959.98 0.00613 259445.31
4027959.58 0.00630
259467.91 4027959.18 0.00644 259490.50
4027958.78 0.00655
259513.10 4027958.38 0.00664 259535.70
4027957.99 0.00672
259558.29 4027957.59 0.00680 259580.89
4027957.19 0.00690
259359.06 4028003.19 0.00544 259320.37
4027988.05 0.00514
259281.69 4027972.91 0.00480 259243.00
4027957.77 0.00447
259204.32 4027942.63 0.00420 259157.23
4027908.49 0.00403
259140.43 4027870.50 0.00409 259123.63
4027832.50 0.00417
259106.82 4027794.51 0.00425 259090.02
4027756.52 0.00428
259401.00 4028010.37 0.00567 259423.59
4028009.97 0.00576
259446.19 4028009.57 0.00585 259468.79
4028009.17 0.00591
259491.38 4028008.77 0.00595 259513.98
4028008.38 0.00600
259536.58 4028007.98 0.00606 259559.17
4028007.58 0.00615
259581.77 4028007.18 0.00626 259359.90
4028102.82 0.00489
259319.37 4028086.95 0.00485 259278.84
4028071.09 0.00468
259238.31 4028055.23 0.00440 259197.79
4028039.37 0.00409
259157.26 4028023.50 0.00382 259116.73
4028007.64 0.00360
259087.67 4027979.81 0.00354 259070.06
4027940.01 0.00360
259052.46 4027900.20 0.00368 259034.86
4027860.40 0.00375
259017.26 4027820.60 0.00379 258999.66
4027780.80 0.00381
259402.76 4028110.35 0.00486 259425.35
4028109.95 0.00486
259447.95 4028109.55 0.00487 259470.55
4028109.16 0.00489
259493.14 4028108.76 0.00493 259515.74
4028108.36 0.00500
259538.34 4028107.96 0.00510 259560.93
4028107.57 0.00524
259583.53 4028107.17 0.00541 259361.06

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4028202.57        0.00413
         259319.34    4028186.24        0.00429                      259277.62
4028169.91        0.00434
↑ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 185
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B  ***
                                  INCLUDING SOURCE(S):     PHASE2B     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         259235.90    4028153.58        0.00424                      259194.18
4028137.25        0.00404
         259152.46    4028120.92        0.00379                      259110.74
4028104.59        0.00354
         259069.02    4028088.27        0.00331                      259018.25
4028051.45        0.00315
         259000.13    4028010.48        0.00320                      258982.01
4027969.50        0.00327
         258963.89    4027928.53        0.00334                      258945.77
4027887.56        0.00337
         258927.65    4027846.58        0.00340                      258909.53
4027805.61        0.00342
         258891.41    4027764.64        0.00344                      259404.52
4028210.33        0.00406
         259427.11    4028209.94        0.00408                      259449.71
4028209.54        0.00412
         259472.31    4028209.14        0.00419                      259494.90
4028208.74        0.00427
         259517.50    4028208.35        0.00439                      259540.10
4028207.95        0.00455
         259562.69    4028207.55        0.00472                      259585.29
4028207.15        0.00488
         259363.42    4028302.79        0.00350                      259322.89
4028286.92        0.00361
         259282.36    4028271.06        0.00376                      259241.83
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4028255.20        0.00386
         259201.31    4028239.34        0.00387                   259160.78
4028223.47        0.00380
         259120.25    4028207.61        0.00362                   259079.72
4028191.75        0.00340
         259039.20    4028175.89        0.00318                   258998.67
4028160.02        0.00298
         258949.34    4028124.26        0.00284                   258931.74
4028084.46        0.00286
         258914.14    4028044.66        0.00292                   258896.53
4028004.85        0.00299
         258878.93    4027965.05        0.00305                   258861.33
4027925.25        0.00309
         258843.73    4027885.45        0.00312                   258826.13
4027845.64        0.00312
         258808.52    4027805.84        0.00314                   258790.92
4027766.04        0.00313
         259406.28    4028310.32        0.00353                   259428.87
4028309.92        0.00360
         259451.47    4028309.52        0.00370                   259474.07
4028309.13        0.00382
         259496.66    4028308.73        0.00396                   259519.26
4028308.33        0.00411
         259541.86    4028307.93        0.00425                   259564.45
4028307.53        0.00437
         259587.05    4028307.14        0.00449                   259364.75
4028402.61        0.00313
         259323.38    4028386.41        0.00311                   259282.01
4028370.22        0.00319
         259240.64    4028354.03        0.00333                   259199.27
4028337.83        0.00346
         259157.90    4028321.64        0.00352                   259116.52
4028305.45        0.00350
         259075.15    4028289.26        0.00338                   259033.78
4028273.06        0.00319
         258992.41    4028256.87        0.00299                   258951.04
4028240.68        0.00280
         258909.67    4028224.48        0.00265                   258880.00
4028196.07        0.00258
         258862.03    4028155.44        0.00259                   258844.06
4028114.81        0.00265
         258826.09    4028074.18        0.00272                   258808.12
4028033.54        0.00277
         258790.15    4027992.91        0.00282                   258772.18
4027952.28        0.00284
         258754.21    4027911.65        0.00284                   258736.24
4027871.02        0.00285
         258718.27    4027830.39        0.00285                   258700.30
4027789.75        0.00286
         259408.04    4028410.30        0.00327                   259430.63
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B ***
                                   INCLUDING SOURCE(S):   PHASE2B   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

```
4028138.39        0.00237
         258634.39    4028097.95        0.00240                    258616.51
4028057.50        0.00242
         258598.62    4028017.06        0.00244                    258580.73
4027976.61        0.00244
         258562.85    4027936.17        0.00245                    258544.96
4027895.73        0.00245
         258527.08    4027855.28        0.00246                    258509.19
4027814.84        0.00246
         258491.30    4027774.39        0.00246                    259411.56
4028610.27        0.00303
         259434.15    4028609.88        0.00312                    259456.75
4028609.48        0.00319
         259479.35    4028609.08        0.00326                    259501.94
4028608.68        0.00331
         259524.54    4028608.28        0.00334                    259547.14
4028607.89        0.00336
         259569.73    4028607.49        0.00337                    259592.33
4028607.09        0.00337
         259371.95    4028802.60        0.00268                    259330.89
4028786.53        0.00258
         259289.83    4028770.46        0.00246                    259248.77
4028754.39        0.00233
         259207.71    4028738.32        0.00223                    259166.65
4028722.25        0.00215
         259125.59    4028706.18        0.00214                    259084.53
4028690.11        0.00219
         259043.47    4028674.04        0.00228                    259002.40
4028657.96        0.00239
         258961.34    4028641.89        0.00250                    258920.28
4028625.82        0.00256
         258879.22    4028609.75        0.00257                    258838.16
4028593.68        0.00253
         258797.10    4028577.61        0.00244                    258756.04
4028561.54        0.00232
         258714.98    4028545.47        0.00220                    258673.92
4028529.39        0.00208
         258632.86    4028513.32        0.00198                    258603.41
4028485.13        0.00191
         258585.58    4028444.80        0.00188                    258567.74
4028404.47        0.00189
         258549.91    4028364.15        0.00193                    258532.08
4028323.82        0.00198
         258514.24    4028283.49        0.00203                    258496.41
4028243.17        0.00208
         258478.57    4028202.84        0.00210                    258460.74
4028162.51        0.00211
         258442.91    4028122.19        0.00212                    258425.07
4028081.86        0.00212
         258407.24    4028041.54        0.00213                    258389.40
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         258371.57   4027960.88   0.00215   258353.74
4027920.56   0.00215
         258335.90   4027880.23   0.00216   258318.07
4027839.90   0.00216
         258300.23   4027799.58   0.00215   259415.08
4028810.24   0.00274

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B ***
                                INCLUDING SOURCE(S):   PHASE2B   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

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4028854.78 0.00187
258976.91 4028846.58 0.00189 258935.00
4028830.17 0.00197
258914.05 4028821.97 0.00202 258893.09
4028813.77 0.00208
258872.14 4028805.57 0.00213 258851.18
4028797.37 0.00218
258809.27 4028780.96 0.00225 258788.32
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258767.37 4028764.56 0.00227 258746.41
4028756.36 0.00227
258704.50 4028739.96 0.00222 258683.55
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258662.59 4028723.55 0.00215 258641.64
4028715.35 0.00210
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4028674.34 0.00184
258494.96 4028657.94 0.00175 258464.90
4028629.16 0.00169
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4028567.42 0.00166
258428.50 4028546.84 0.00166 258410.29
4028505.68 0.00168
258401.19 4028485.10 0.00170 258382.99
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258346.59 4028361.62 0.00183 258328.38
4028320.46 0.00186
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4028238.14 0.00188
258282.88 4028217.56 0.00188 258264.67
4028176.40 0.00188
258255.57 4028155.83 0.00188 258237.37
4028114.67 0.00189
258228.27 4028094.09 0.00189 258210.07
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259418.60 4029010.21 0.00236 259441.19

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4029008.22        0.00236
         259554.18    4029007.82        0.00236                       259576.77
4029007.43        0.00237
         259599.37    4029007.03        0.00238                       259378.66
4029202.41        0.00206
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 188
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B  ***
                                  INCLUDING SOURCE(S):     PHASE2B     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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         259170.06    4029120.77        0.00201                       259128.34
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4029039.12        0.00163
         258919.75    4029022.79        0.00162                       258878.03
4029006.47        0.00165
         258836.31    4028990.14        0.00172                       258794.59
4028973.81        0.00180
         258752.87    4028957.48        0.00190                       258711.15
4028941.15        0.00198
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4028908.49        0.00203
         258585.99    4028892.16        0.00200                       258544.27
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4028810.52        0.00162
         258326.62    4028773.70        0.00152                    258308.50
4028732.73        0.00150
         258290.38    4028691.76        0.00148                    258272.26
4028650.78        0.00149
         258254.14    4028609.81        0.00152                    258236.02
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         258072.94    4028200.08        0.00169                    258054.82
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         258000.46    4028036.18        0.00171                    257982.34
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         257964.22    4027954.24        0.00172                    257946.10
4027913.26        0.00172
         257927.98    4027872.29        0.00171                    257909.86
4027831.32        0.00170
         257891.74    4027790.35        0.00168                    259422.12
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         259489.91    4029208.99        0.00205                    259512.50
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         259535.10    4029208.19        0.00207                    259557.70
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4029207.00        0.00210
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         259647.67    4027854.84        0.00914                       259691.64
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4027903.27        0.00878
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 189
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B  ***
                                INCLUDING SOURCE(S):     PHASE2B     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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         259651.16    4027954.78        0.00747                       259695.12
4027953.24        0.00809
         259739.09    4027951.71        0.00877                       259608.94
4028006.28        0.00647
         259652.90    4028004.75        0.00692                       259696.87
4028003.21        0.00753
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4028106.22        0.00566
         259656.39    4028104.69        0.00608                       259700.35
4028103.15        0.00649
         259744.32    4028101.62        0.00682                       259615.91
4028206.16        0.00510
         259659.88    4028204.62        0.00539                       259703.84
4028203.09        0.00561
         259747.81    4028201.56        0.00572                       259619.40
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4028303.03 0.00484
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4027720.44 0.01886
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4027746.68 0.01658
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4027744.12 0.01826
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4027772.92 0.01468
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4027770.36 0.01619
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259759.11 4027800.43 0.01245 259782.37
4027799.16 0.01311
259805.63 4027797.88 0.01379 259828.89
4027796.60 0.01446
259852.15 4027795.32 0.01508 259875.41

4027794.05   0.01559
         259898.67   4027792.77   0.01596   259761.85
4027850.36   0.01115
         259785.11   4027849.08   0.01171   259808.37
4027847.80   0.01224
         259831.63   4027846.53   0.01272   259854.89
4027845.25   0.01312
         259878.15   4027843.97   0.01341   259901.41
4027842.69   0.01357
         259764.59   4027900.28   0.01009   259787.85
4027899.00   0.01052
         259811.11   4027897.73   0.01090   259834.37
4027896.45   0.01122

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B ***
                                 INCLUDING SOURCE(S):   PHASE2B   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

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4028097.43        0.00710
         259845.34    4028096.15        0.00709                   259868.60
4028094.87        0.00707
         259891.86    4028093.60        0.00702                   259915.12
4028092.32        0.00695
         259781.04    4028199.83        0.00575                   259804.30
4028198.55        0.00573
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4028196.00        0.00571
         259874.08    4028194.72        0.00569                   259897.34
4028193.45        0.00563
         259920.60    4028192.17        0.00551                   259786.52
4028299.68        0.00492
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4028297.13        0.00490
         259856.30    4028295.85        0.00485                   259879.56
4028294.57        0.00478
         259902.82    4028293.29        0.00468                   259926.08
4028292.02        0.00460
         259792.01    4028399.53        0.00427                   259815.27
4028398.25        0.00424
         259838.53    4028396.98        0.00417                   259861.79
4028395.70        0.00410
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4028393.14        0.00396
         259931.57    4028391.87        0.00389                   259802.97
4028599.23        0.00336
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4028596.67        0.00327
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         259919.27    4028592.84        0.00314                   259942.53
4028591.57        0.00310
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4028797.65        0.00268
         259860.46    4028796.37        0.00265                   259883.72
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4028792.54        0.00253
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4028999.90        0.00229
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4028997.35        0.00222
         259871.42    4028996.07        0.00219                   259894.68
4028994.80        0.00216
         259917.94    4028993.52        0.00214                   259941.20
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4028992.24        0.00212
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4029197.05        0.00190
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4029194.50        0.00186
         259928.91    4029193.22        0.00184                      259952.17
4029191.94        0.00182
         259975.43    4029190.66        0.00182                      259939.86
4027716.72        0.02171
         259962.87    4027716.12        0.02187                      259985.88
4027715.52        0.02183
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4027714.33        0.02133
↑ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 191
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B  ***
                                  INCLUDING SOURCE(S):     PHASE2B     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
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         260146.96    4027711.35        0.01786                      260169.97
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4027741.11        0.01964
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4027739.92        0.01933
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         260148.25    4027761.33        0.01486                  260171.26
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4027791.10        0.01607
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         260033.85    4027789.31        0.01549                  260056.86
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         260128.48    4027886.89        0.01026                  260151.49
4027886.29        0.00996
         260174.50    4027885.69        0.00958                  259945.69
4027941.64        0.00990
         259968.70    4027941.05        0.00977                  259991.71
```

4027940.45   0.00963
         260014.72   4027939.85   0.00951   260037.74
4027939.26   0.00940
         260060.75   4027938.66   0.00930   260083.76
4027938.06   0.00920
         260106.77   4027937.47   0.00908   260129.78
4027936.87   0.00892
         260152.79   4027936.27   0.00870   260175.80
4027935.68   0.00841
         259946.99   4027991.63   0.00863   259970.00
4027991.03   0.00851
         259993.01   4027990.43   0.00839   260016.02
4027989.84   0.00830
         260039.03   4027989.24   0.00822   260062.04
4027988.64   0.00815
         260085.05   4027988.05   0.00807   260108.06
4027987.45   0.00798

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B ***
                                    INCLUDING SOURCE(S):   PHASE2B   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         260131.07   4027986.85   0.00787   260154.09
4027986.26   0.00770
         260177.10   4027985.66   0.00747   259949.58
4028091.59   0.00680
         259972.59   4028091.00   0.00670   259995.60
4028090.40   0.00660
         260018.61   4028089.80   0.00653   260041.62
4028089.21   0.00649
         260064.63   4028088.61   0.00646   260087.65
4028088.01   0.00641
         260110.66   4028087.42   0.00636   260133.67

4028086.82 0.00628
260156.68 4028086.22 0.00618 260179.69
4028085.63 0.00605
259952.17 4028191.56 0.00543 259975.18
4028190.96 0.00540
259998.19 4028190.37 0.00539 260021.20
4028189.77 0.00536
260044.22 4028189.17 0.00531 260067.23
4028188.58 0.00529
260090.24 4028187.98 0.00528 260113.25
4028187.38 0.00525
260136.26 4028186.79 0.00521 260159.27
4028186.19 0.00515
260182.28 4028185.59 0.00503 259954.76
4028291.53 0.00448
259977.78 4028290.93 0.00446 260000.79
4028290.33 0.00447
260023.80 4028289.74 0.00446 260046.81
4028289.14 0.00444
260069.82 4028288.54 0.00441 260092.83
4028287.95 0.00439
260115.84 4028287.35 0.00439 260138.85
4028286.75 0.00436
260161.86 4028286.16 0.00431 260184.87
4028285.56 0.00426
259957.36 4028391.49 0.00383 259980.37
4028390.89 0.00380
260003.38 4028390.30 0.00379 260026.39
4028389.70 0.00379
260049.40 4028389.10 0.00380 260072.41
4028388.51 0.00380
260095.42 4028387.91 0.00381 260118.43
4028387.31 0.00380
260141.44 4028386.72 0.00380 260164.45
4028386.12 0.00378
260187.46 4028385.52 0.00375 259985.55
4028590.83 0.00305
260008.56 4028590.23 0.00304 260031.57
4028589.63 0.00303
260054.58 4028589.04 0.00302 260077.59
4028588.44 0.00302
260100.61 4028587.84 0.00301 260123.62
4028587.25 0.00300
260146.63 4028586.65 0.00299 260169.64
4028586.05 0.00297
260192.65 4028585.46 0.00295 259990.74
4028790.76 0.00249
260013.75 4028790.16 0.00249 260036.76
4028789.57 0.00249
260059.77 4028788.97 0.00249 260082.78

4028788.37   0.00249
         260105.79   4028787.78   0.00249   260128.80
4028787.18   0.00249
         260151.81   4028786.58   0.00248   260174.82
4028785.99   0.00247
         260197.83   4028785.39   0.00244   259995.92
4028990.69   0.00209
         260018.93   4028990.10   0.00209   260041.94
4028989.50   0.00209
         260064.95   4028988.90   0.00209   260087.96
4028988.31   0.00209
         260110.97   4028987.71   0.00209   260133.98
4028987.11   0.00209
         260157.00   4028986.52   0.00209   260180.01
4028985.92   0.00208
         260203.02   4028985.32   0.00207   260001.10
4029190.63   0.00181
         260024.11   4029190.03   0.00181   260047.13
4029189.43   0.00181

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B ***
                                 INCLUDING SOURCE(S):   PHASE2B   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

```
4027700.10        0.01489
         260192.81    4027726.50        0.01471                   260220.40
4027671.92        0.01599
         260238.40    4027703.19        0.01339                   260226.93
4027727.68        0.01289
         260208.71    4027745.13        0.01304                   260245.34
4027673.65        0.01436
         260262.96    4027705.74        0.01210                   260250.72
4027731.86        0.01162
         260225.17    4027763.53        0.01159                   260198.54
4027774.63        0.01231
         260270.28    4027675.38        0.01310                   260312.40
4027710.13        0.01021
         260299.29    4027738.12        0.00968                   260286.18
4027766.11        0.00927
         260258.80    4027800.04        0.00917                   260230.27
4027811.93        0.00982
         260201.74    4027823.82        0.01045                   260320.16
4027678.84        0.01112
         260362.04    4027714.11        0.00899                   260348.44
4027743.14        0.00844
         260334.84    4027772.16        0.00797                   260321.24
4027801.19        0.00761
         260292.85    4027836.38        0.00748                   260263.26
4027848.71        0.00800
         260233.68    4027861.03        0.00860                   260204.09
4027873.36        0.00916
         260370.04    4027682.30        0.00975                   260411.77
4027717.90        0.00803
         260397.86    4027747.59        0.00763                   260383.95
4027777.27        0.00719
         260370.04    4027806.96        0.00677                   260356.13
4027836.64        0.00642
         260327.10    4027872.63        0.00623                   260296.84
4027885.24        0.00662
         260266.58    4027897.85        0.00713                   260236.32
4027910.46        0.00769
         260206.06    4027923.07        0.00814                   260419.92
4027685.76        0.00853
         260461.54    4027721.59        0.00706                   260447.42
4027751.73        0.00681
         260433.30    4027781.87        0.00656                   260419.17
4027812.01        0.00623
         260405.05    4027842.16        0.00589                   260390.93
4027872.30        0.00553
         260361.44    4027908.84        0.00533                   260330.72
4027921.64        0.00557
         260300.00    4027934.45        0.00601                   260269.27
4027947.25        0.00649
         260238.55    4027960.05        0.00692                   260207.82
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4027972.86        0.00727
         260469.80    4027689.22        0.00746                       260561.16
4027728.81        0.00554
         260546.76    4027759.54        0.00546                       260532.36
4027790.27        0.00531
         260517.96    4027821.00        0.00515                       260503.57
4027851.73        0.00502
         260489.17    4027882.47        0.00485                       260474.77
4027913.20        0.00463
         260460.37    4027943.93        0.00439                       260430.31
4027981.19        0.00416
         260398.98    4027994.25        0.00421                       260367.65
4028007.30        0.00437
         260336.32    4028020.35        0.00468                       260305.00
4028033.41        0.00505
         260273.67    4028046.46        0.00542                       260242.34
4028059.52        0.00573
         260211.02    4028072.57        0.00594                       260569.56
4027696.14        0.00571
         260660.84    4027735.91        0.00441                       260646.27
4027767.01        0.00437
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                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B  ***
                                 INCLUDING SOURCE(S):     PHASE2B     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         260631.70    4027798.10        0.00435                       260617.12
4027829.20        0.00425
         260602.55    4027860.30        0.00416                       260587.98
4027891.40        0.00407
         260573.41    4027922.50        0.00401                       260558.84
4027953.60        0.00391
         260544.27    4027984.69        0.00378                       260529.70
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4028015.79 0.00363
260499.28 4028053.49 0.00346 260467.58
4028066.70 0.00341
260435.88 4028079.91 0.00343 260404.18
4028093.12 0.00353
260372.48 4028106.33 0.00377 260340.78
4028119.54 0.00407
260309.08 4028132.75 0.00438 260277.38
4028145.96 0.00466
260245.68 4028159.17 0.00484 260213.98
4028172.38 0.00494
260669.32 4027703.06 0.00448 260760.54
4027742.95 0.00356
260745.85 4027774.30 0.00357 260731.16
4027805.65 0.00355
260716.48 4027836.99 0.00355 260701.79
4027868.34 0.00353
260687.10 4027899.69 0.00348 260672.42
4027931.03 0.00341
260657.73 4027962.38 0.00334 260643.04
4027993.73 0.00327
260628.35 4028025.07 0.00322 260613.67
4028056.42 0.00316
260598.98 4028087.77 0.00309 260568.32
4028125.77 0.00298
260536.36 4028139.09 0.00291 260504.41
4028152.40 0.00285
260472.46 4028165.72 0.00285 260440.50
4028179.03 0.00295
260408.55 4028192.35 0.00313 260376.59
4028205.67 0.00336
260344.64 4028218.98 0.00361 260312.69
4028232.30 0.00384
260280.73 4028245.61 0.00403 260248.78
4028258.93 0.00415
260216.83 4028272.24 0.00423 260769.08
4027709.98 0.00354
260860.50 4027749.44 0.00290 260846.22
4027779.91 0.00297
260831.94 4027810.39 0.00300 260817.67
4027840.87 0.00299
260803.39 4027871.34 0.00297 260789.11
4027901.82 0.00296
260774.83 4027932.29 0.00295 260760.55
4027962.77 0.00293
260746.27 4027993.25 0.00289 260731.99
4028023.72 0.00282
260717.71 4028054.20 0.00276 260703.43
4028084.67 0.00271
260689.15 4028115.15 0.00269 260674.87

4028145.63   0.00267
         260660.60   4028176.10   0.00262   260637.92
4028197.81   0.00260
         260606.86   4028210.76   0.00257   260575.79
4028223.71   0.00252
         260544.72   4028236.65   0.00246   260513.66
4028249.60   0.00244
         260482.59   4028262.54   0.00249   260451.53
4028275.49   0.00261
         260420.46   4028288.43   0.00278   260389.39
4028301.38   0.00299
         260358.33   4028314.32   0.00322   260327.26
4028327.27   0.00340
         260296.20   4028340.22   0.00353   260265.13
4028353.16   0.00363
         260234.06   4028366.11   0.00370   260868.84
4027716.90   0.00279
         261059.92   4027763.51   0.00182   261045.42
4027794.44   0.00196
         261030.93   4027825.37   0.00211   261016.43
4027856.31   0.00220
         261001.94   4027887.24   0.00224   260987.45
4027918.18   0.00223

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B ***
                                   INCLUDING SOURCE(S):   PHASE2B   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

4028103.78 0.00217
260885.99 4028134.72 0.00214 260871.50
4028165.65 0.00210
260857.00 4028196.59 0.00205 260842.51
4028227.52 0.00200
260828.02 4028258.46 0.00197 260813.52
4028289.39 0.00197
260799.03 4028320.33 0.00199 260776.01
4028342.36 0.00203
260744.48 4028355.50 0.00208 260712.95
4028368.64 0.00208
260681.41 4028381.78 0.00203 260649.88
4028394.92 0.00196
260618.35 4028408.06 0.00190 260586.81
4028421.20 0.00187
260555.28 4028434.34 0.00189 260523.75
4028447.49 0.00196
260492.21 4028460.63 0.00209 260460.68
4028473.77 0.00224
260429.15 4028486.91 0.00240 260397.62
4028500.05 0.00255
260366.08 4028513.19 0.00270 260334.55
4028526.33 0.00280
260303.02 4028539.47 0.00287 260271.48
4028552.61 0.00292
260239.95 4028565.75 0.00294 261068.36
4027730.74 0.00170
261259.37 4027777.49 0.00119 261244.73
4027808.73 0.00126
261230.10 4027839.96 0.00136 261215.46
4027871.19 0.00149
261200.83 4027902.43 0.00161 261186.20
4027933.66 0.00171
261171.56 4027964.89 0.00177 261156.93
4027996.13 0.00180
261142.30 4028027.36 0.00178 261127.66
4028058.59 0.00173
261113.03 4028089.83 0.00170 261098.39
4028121.06 0.00169
261083.76 4028152.29 0.00170 261069.13
4028183.53 0.00171
261054.49 4028214.76 0.00173 261039.86
4028245.99 0.00174
261025.23 4028277.23 0.00173 261010.59
4028308.46 0.00169
260995.96 4028339.69 0.00164 260981.32
4028370.93 0.00159
260966.69 4028402.16 0.00156 260952.06
4028433.39 0.00154
260937.42 4028464.63 0.00156 260914.19

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4028486.88        0.00161
         260882.35    4028500.15        0.00168                       260850.51
4028513.41        0.00173
         260818.67    4028526.68        0.00174                       260786.83
4028539.95        0.00172
         260755.00    4028553.21        0.00167                       260723.16
4028566.48        0.00160
         260691.32    4028579.75        0.00154                       260659.48
4028593.02        0.00151
         260627.64    4028606.28        0.00152                       260595.81
4028619.55        0.00157
         260563.97    4028632.82        0.00165                       260532.13
4028646.08        0.00176
         260500.29    4028659.35        0.00189                       260468.46
4028672.62        0.00202
         260436.62    4028685.89        0.00216                       260404.78
4028699.15        0.00226
         260372.94    4028712.42        0.00234                       260341.10
4028725.69        0.00239
         260309.27    4028738.96        0.00241                       260277.43
4028752.22        0.00242
         260245.59    4028765.49        0.00243                       261267.88
4027744.58        0.00118
         261458.97    4027791.15        0.00095                       261444.51
4027822.03        0.00093
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                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B  ***
                                  INCLUDING SOURCE(S):     PHASE2B     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         261430.04    4027852.90        0.00094                       261415.58
4027883.77        0.00099
         261401.11    4027914.64        0.00106                       261386.65
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4027945.51        0.00116
         261372.18    4027976.39        0.00127                   261357.72
4028007.26        0.00137
         261343.26    4028038.13        0.00144                   261328.79
4028069.00        0.00149
         261314.33    4028099.87        0.00150                   261299.86
4028130.74        0.00148
         261285.40    4028161.62        0.00144                   261270.93
4028192.49        0.00140
         261256.47    4028223.36        0.00137                   261242.00
4028254.23        0.00136
         261227.54    4028285.10        0.00137                   261213.07
4028315.98        0.00139
         261198.61    4028346.85        0.00142                   261184.15
4028377.72        0.00144
         261169.68    4028408.59        0.00143                   261155.22
4028439.46        0.00142
         261140.75    4028470.34        0.00138                   261126.29
4028501.21        0.00134
         261111.82    4028532.08        0.00130                   261097.36
4028562.95        0.00127
         261082.89    4028593.82        0.00126                   261052.69
4028631.25        0.00129
         261021.23    4028644.37        0.00135                   260989.76
4028657.48        0.00141
         260958.29    4028670.59        0.00147                   260926.82
4028683.71        0.00149
         260895.35    4028696.82        0.00149                   260863.88
4028709.94        0.00146
         260832.41    4028723.05        0.00140                   260800.94
4028736.16        0.00135
         260769.47    4028749.28        0.00130                   260738.00
4028762.39        0.00128
         260706.53    4028775.50        0.00126                   260675.06
4028788.62        0.00129
         260643.59    4028801.73        0.00134                   260612.12
4028814.85        0.00142
         260580.65    4028827.96        0.00152                   260549.18
4028841.07        0.00163
         260517.71    4028854.19        0.00173                   260486.24
4028867.30        0.00183
         260454.77    4028880.41        0.00191                   260423.30
4028893.53        0.00197
         260391.83    4028906.64        0.00202                   260360.37
4028919.75        0.00205
         260328.90    4028932.87        0.00207                   260297.43
4028945.98        0.00208
         260265.96    4028959.10        0.00209                   260234.49
4028972.21        0.00208
         261467.40    4027758.42        0.00099                   261658.44
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4027805.11        0.00086
         261643.87    4027836.20        0.00083                       261629.30
4027867.30        0.00080
         261614.73    4027898.40        0.00079                       261600.16
4027929.50        0.00079
         261585.59    4027960.60        0.00082                       261571.02
4027991.69        0.00087
         261556.45    4028022.79        0.00094                       261541.88
4028053.89        0.00102
         261527.30    4028084.99        0.00111                       261512.73
4028116.09        0.00120
         261498.16    4028147.19        0.00125                       261483.59
4028178.28        0.00129
         261469.02    4028209.38        0.00129                       261454.45
4028240.48        0.00127
         261439.88    4028271.58        0.00123                       261425.31
4028302.68        0.00119
         261410.74    4028333.77        0.00115                       261396.17
4028364.87        0.00113
         261381.60    4028395.97        0.00114                       261367.03
4028427.07        0.00115
         261352.46    4028458.17        0.00118                       261337.89
4028489.27        0.00120
         261323.32    4028520.36        0.00122                       261308.75
4028551.46        0.00122
         261294.18    4028582.56        0.00121                       261279.61
4028613.66        0.00118
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 197
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B  ***
                                 INCLUDING SOURCE(S):     PHASE2B     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         261265.04    4028644.76        0.00115                       261250.47
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4028675.85 0.00111
261235.90 4028706.95 0.00108 261221.32
4028738.05 0.00106
261190.90 4028775.75 0.00106 261159.20
4028788.96 0.00110
261127.50 4028802.17 0.00115 261095.80
4028815.38 0.00122
261064.10 4028828.59 0.00127 261032.40
4028841.80 0.00130
261000.70 4028855.01 0.00131 260969.00
4028868.22 0.00130
260937.30 4028881.43 0.00124 260905.60
4028894.64 0.00120
260873.90 4028907.85 0.00115 260842.20
4028921.06 0.00112
260810.50 4028934.27 0.00109 260778.80
4028947.48 0.00108
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4028973.90 0.00113
260683.70 4028987.11 0.00118 260652.00
4029000.32 0.00126
260620.30 4029013.53 0.00134 260588.60
4029026.74 0.00143
260556.90 4029039.95 0.00153 260525.20
4029053.16 0.00161
260493.50 4029066.37 0.00168 260461.80
4029079.58 0.00173
260430.10 4029092.79 0.00176 260398.40
4029106.00 0.00178
260366.70 4029119.21 0.00180 260335.00
4029132.42 0.00181
260303.30 4029145.63 0.00181 260271.60
4029158.84 0.00182
260239.90 4029172.05 0.00181 261666.92
4027772.26 0.00090
260195.10 4027643.19 0.01983 260194.68
4027618.34 0.02222
260194.26 4027593.49 0.02511 260193.84
4027568.64 0.02896
260193.42 4027543.79 0.03363 260193.01
4027518.94 0.03930
260192.59 4027494.09 0.04644 260192.17
4027469.24 0.05577
260191.75 4027444.39 0.06887 260191.33
4027419.55 0.08631
260190.91 4027394.70 0.11144 260190.50
4027369.85 0.14947
260190.08 4027345.00 0.22104 260189.66
4027320.15 0.38538
260189.24 4027295.30 0.57149 260188.82

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4027270.45        0.69457
         260188.40    4027245.60        0.78173                       260187.99
4027220.75        0.84569
         260187.57    4027195.90        0.88523                       260187.15
4027171.05        0.90464
         260186.73    4027146.20        0.92229                       260186.31
4027121.35        0.92594
         260185.89    4027096.50        0.83509                       260185.48
4027071.65        0.63940
         260185.06    4027046.81        0.46179                       260184.64
4027021.96        0.33680
         260184.22    4026997.11        0.25593                       260183.80
4026972.26        0.19714
         260183.38    4026947.41        0.15236                       260182.96
4026922.56        0.11936
         260220.09    4027642.77        0.01784                       260219.68
4027617.92        0.01987
         260219.26    4027593.07        0.02231                       260218.84
4027568.22        0.02574
         260218.42    4027543.37        0.02944                       260218.00
4027518.52        0.03392
         260217.58    4027493.67        0.03955                       260217.17
4027468.82        0.04657
         260216.75    4027443.97        0.05541                       260216.33
4027419.12        0.06663
         260215.91    4027394.28        0.08101                       260215.49
4027369.43        0.10094
         260215.07    4027344.58        0.13582                       260214.66
4027319.73        0.20115
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 198
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B  ***
                                 INCLUDING SOURCE(S):     PHASE2B     ,

                                           *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4027592.23        0.01831
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4027542.53        0.02289
         260268.00    4027517.68        0.02581                        260267.58
4027492.83        0.02925
         260267.16    4027467.98        0.03315                        260266.74
4027443.13        0.03730
         260266.32    4027418.28        0.04192                        260265.90
4027393.43        0.04786
         260265.49    4027368.58        0.05603                        260265.07
4027343.73        0.06767
         260264.65    4027318.89        0.08504                        260264.23
4027294.04        0.10984
         260263.81    4027269.19        0.14069                        260263.39
4027244.34        0.17486
         260262.97    4027219.49        0.20757                        260262.56
4027194.64        0.23682
         260262.14    4027169.79        0.26072                        260261.72
4027144.94        0.27973
         260261.30    4027120.09        0.29081                        260260.88
4027095.24        0.29339
         260260.46    4027070.39        0.28459                        260320.08
4027641.09        0.01272
         260319.66    4027616.24        0.01394                        260319.24
4027591.39        0.01531
         260318.83    4027566.54        0.01681                        260318.41
4027541.69        0.01844
         260317.99    4027516.84        0.02022                        260317.57
4027491.99        0.02219
         260317.15    4027467.14        0.02430                        260316.73
4027442.29        0.02640
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 199
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B  ***
                                 INCLUDING SOURCE(S):     PHASE2B     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
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Y-COORD (M)        CONC
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4027614.55        0.01019
         260419.23    4027589.70        0.01082                       260418.81
4027564.85        0.01146
         260418.39    4027540.00        0.01210                       260417.97
4027515.16        0.01271
         260417.56    4027490.31        0.01326                       260417.14
4027465.46        0.01382
         260416.72    4027440.61        0.01450                       260416.30
4027415.76        0.01536
         260415.88    4027390.91        0.01646                       260415.46
4027366.06        0.01785
         260415.05    4027341.21        0.01960                       260414.63
4027316.36        0.02182
         260414.21    4027291.51        0.02466                       260413.79
4027266.66        0.02828
         260413.37    4027241.81        0.03270                       260412.95
4027216.96        0.03777
         260412.54    4027192.11        0.04331                       260412.12
4027167.26        0.04914
         260411.70    4027142.41        0.05511                       260411.28
4027117.57        0.06120
         260410.86    4027092.72        0.06706                       260410.44
4027067.87        0.07235
         260410.02    4027043.02        0.07665                       260409.61
4027018.17        0.07964
         260409.19    4026993.32        0.08117                       260408.77
4026968.47        0.08137
         260408.35    4026943.62        0.08040                       260407.93
4026918.77        0.07827
         260407.51    4026893.92        0.07499                       260470.48
4027663.41        0.00784
         260470.06    4027638.56        0.00824                       260469.64
4027613.71        0.00868
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 200
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B  ***
                                 INCLUDING SOURCE(S):     PHASE2B     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260469.22	4027588.86	0.00910	260468.80	4027564.01	0.00950
260468.39	4027539.16	0.00985	260467.97	4027514.31	0.01016
260467.55	4027489.46	0.01044	260467.13	4027464.61	0.01078
260466.71	4027439.77	0.01122	260466.29	4027414.92	0.01181
260465.88	4027390.07	0.01254	260465.46	4027365.22	0.01346
260465.04	4027340.37	0.01462	260464.62	4027315.52	0.01607
260464.20	4027290.67	0.01790	260463.78	4027265.82	0.02020
260463.36	4027240.97	0.02297	260462.95	4027216.12	0.02608
260462.53	4027191.27	0.02939	260462.11	4027166.42	0.03278
260461.69	4027141.57	0.03677	260461.27	4027116.72	0.04079
260460.85	4027091.87	0.04482	260460.44	4027067.03	0.04879
260570.46	4027661.73	0.00601	260570.04	4027636.88	0.00620
260569.63	4027612.03	0.00636	260569.21	4027587.18	0.00647
260568.79	4027562.33	0.00656	260568.37	4027537.48	0.00662
260567.95	4027512.63	0.00669	260567.53	4027487.78	0.00680
260567.12	4027462.93	0.00697	260566.70	4027438.08	0.00720
260566.28	4027413.23	0.00751	260565.86	4027388.38	0.00792
260565.44	4027363.53	0.00845	260565.02	4027338.68	0.00912
260564.61	4027313.84	0.00992	260564.19	4027288.99	0.01084
260563.77	4027264.14	0.01191	260563.35	4027239.29	0.01312
260562.93	4027214.44	0.01448	260562.51	4027189.59	0.01596
260562.10	4027164.74	0.01743	260561.68	4027139.89	0.01891
260561.26	4027115.04	0.02065	260560.84		

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4027090.19        0.02281
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4027040.49        0.02672
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4026990.79        0.03025
         260558.75    4026965.94        0.03204                          260558.33
4026941.09        0.03306
         260557.91    4026916.25        0.03381                          260557.49
4026891.40        0.03485
         260670.45    4027660.04        0.00458                          260670.03
4027635.19        0.00459
         260669.61    4027610.34        0.00461                          260669.19
4027585.49        0.00462
         260668.78    4027560.65        0.00459                          260668.36
4027535.80        0.00459
         260667.94    4027510.95        0.00464                          260667.52
4027486.10        0.00471
         260667.10    4027461.25        0.00484                          260666.68
4027436.40        0.00502
         260666.27    4027411.55        0.00527                          260665.85
4027386.70        0.00559
         260665.43    4027361.85        0.00597                          260665.01
4027337.00        0.00637
         260664.59    4027312.15        0.00682                          260664.17
4027287.30        0.00732
         260663.75    4027262.45        0.00786                          260663.34
4027237.60        0.00844
         260662.92    4027212.75        0.00906                          260662.50
4027187.90        0.00975
         260662.08    4027163.06        0.01055                          260661.66
4027138.21        0.01142
         260661.24    4027113.36        0.01229                          260660.83
4027088.51        0.01327
         260660.41    4027063.66        0.01426                          260769.98
4027675.57        0.00352
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 201
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B  ***
                                 INCLUDING SOURCE(S):     PHASE2B     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260770.02	4027633.51	0.00345	260769.60	4027608.66	0.00340
260769.18	4027583.81	0.00336	260768.76	4027558.96	0.00334
260768.34	4027534.11	0.00335	260767.92	4027509.26	0.00340
260767.51	4027484.41	0.00351	260767.09	4027459.56	0.00365
260766.67	4027434.72	0.00384	260766.25	4027409.87	0.00405
260765.83	4027385.02	0.00428	260765.41	4027360.17	0.00456
260765.00	4027335.32	0.00487	260764.58	4027310.47	0.00517
260764.16	4027285.62	0.00543	260763.74	4027260.77	0.00568
260763.32	4027235.92	0.00599	260762.90	4027211.07	0.00632
260762.49	4027186.22	0.00672	260762.07	4027161.37	0.00717
260761.65	4027136.52	0.00763	260761.23	4027111.67	0.00815
260760.81	4027086.82	0.00885	260760.39	4027061.97	0.00954
260759.98	4027037.13	0.01014	260759.56	4027012.28	0.01071
260759.14	4026987.43	0.01135	260758.72	4026962.58	0.01202
260758.30	4026937.73	0.01263	260757.88	4026912.88	0.01323
260757.46	4026888.03	0.01382	260869.89	4027676.75	0.00270
260870.00	4027631.83	0.00258	260869.58	4027606.98	0.00254
260869.17	4027582.13	0.00253	260868.75	4027557.28	0.00255
260868.33	4027532.43	0.00262	260867.91	4027507.58	0.00271
260867.49	4027482.73	0.00284	260867.07	4027457.88	0.00299
260866.66	4027433.03	0.00315	260866.24	4027408.18	0.00331
260865.82	4027383.33	0.00345	260865.40		

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4027358.48        0.00361
         260864.98    4027333.63        0.00379                       260864.56
4027308.78        0.00398
         260864.14    4027283.94        0.00416                       260863.73
4027259.09        0.00431
         260863.31    4027234.24        0.00448                       260862.89
4027209.39        0.00471
         260862.47    4027184.54        0.00499                       260862.05
4027159.69        0.00527
         260861.63    4027134.84        0.00556                       260861.22
4027109.99        0.00588
         260860.80    4027085.14        0.00630                       260860.38
4027060.29        0.00668
         261069.89    4027672.67        0.00162                       261069.97
4027628.46        0.00164
         261069.56    4027603.61        0.00169                       261069.14
4027578.76        0.00176
         261068.72    4027553.91        0.00184                       261068.30
4027529.06        0.00193
         261067.88    4027504.21        0.00203                       261067.46
4027479.36        0.00213
         261067.05    4027454.51        0.00223                       261066.63
4027429.66        0.00232
         261066.21    4027404.82        0.00241                       261065.79
4027379.97        0.00249
         261065.37    4027355.12        0.00256                       261064.95
4027330.27        0.00266
         261064.54    4027305.42        0.00276                       261064.12
4027280.57        0.00283
         261063.70    4027255.72        0.00290                       261063.28
4027230.87        0.00300
         261062.86    4027206.02        0.00310                       261062.44
4027181.17        0.00321
         261062.02    4027156.32        0.00331                       261061.61
4027131.47        0.00346
         261061.19    4027106.62        0.00359                       261060.77
4027081.77        0.00376
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 202
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B  ***
                                  INCLUDING SOURCE(S):     PHASE2B     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
261060.35	4027056.92	0.00394	261269.74	4027673.60	0.00127
261269.12	4027697.26	0.00123	261268.50	4027720.92	0.00120
261270.36	4027649.94	0.00132	261269.95	4027625.09	0.00138
261269.53	4027600.24	0.00145	261269.11	4027575.39	0.00151
261268.69	4027550.54	0.00156	261268.27	4027525.70	0.00160
261267.85	4027500.85	0.00164	261267.44	4027476.00	0.00168
261267.02	4027451.15	0.00174	261266.60	4027426.30	0.00181
261266.18	4027401.45	0.00186	261265.76	4027376.60	0.00190
261265.34	4027351.75	0.00194	261264.93	4027326.90	0.00201
261264.51	4027302.05	0.00204	261264.09	4027277.20	0.00210
261263.67	4027252.35	0.00216	261263.25	4027227.50	0.00220
261262.83	4027202.65	0.00224	261262.41	4027177.80	0.00230
261262.00	4027152.95	0.00235	261261.58	4027128.11	0.00241
261261.16	4027103.26	0.00247	261260.74	4027078.41	0.00255
261260.32	4027053.56	0.00264	261469.75	4027668.94	0.00114
261468.58	4027713.68	0.00106	261470.34	4027646.58	0.00118
261469.92	4027621.73	0.00122	261469.50	4027596.88	0.00128
261469.08	4027572.03	0.00133	261468.66	4027547.18	0.00136
261468.24	4027522.33	0.00139	261467.83	4027497.48	0.00142
261467.41	4027472.63	0.00145	261466.99	4027447.78	0.00147
261466.57	4027422.93	0.00148	261466.15		

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4027348.38        0.00156
         261464.90    4027323.53        0.00159                        261464.48
4027298.68        0.00163
         261464.06    4027273.83        0.00167                        261463.64
4027248.99        0.00172
         261463.22    4027224.14        0.00175                        261462.80
4027199.29        0.00178
         261462.39    4027174.44        0.00180                        261461.97
4027149.59        0.00182
         261461.55    4027124.74        0.00184                        261461.13
4027099.89        0.00186
         261460.71    4027075.04        0.00190                        261460.29
4027050.19        0.00194
         261459.88    4027025.34        0.00200                        261459.46
4027000.49        0.00207
         261459.04    4026975.64        0.00215                        261458.62
4026950.79        0.00224
         261458.20    4026925.94        0.00234                        261457.78
4026901.09        0.00244
         261457.37    4026876.25        0.00252                        261669.74
4027664.72        0.00107
         261668.62    4027707.73        0.00100                        261669.89
4027618.36        0.00112
         261669.47    4027593.51        0.00115                        261669.05
4027568.66        0.00118
         261668.63    4027543.81        0.00119                        261668.22
4027518.96        0.00121
         261667.80    4027494.11        0.00122                        261667.38
4027469.26        0.00123
         261666.96    4027444.41        0.00123                        261666.54
4027419.56        0.00124
         261666.12    4027394.71        0.00125                        261665.71
4027369.87        0.00127
         261665.29    4027345.02        0.00130                        261664.87
4027320.17        0.00133
         261664.45    4027295.32        0.00136                        261664.03
4027270.47        0.00139
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B  ***
                                 INCLUDING SOURCE(S):     PHASE2B     ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
261663.61	4027245.62	0.00142	261663.19	4027220.77	0.00145
261662.78	4027195.92	0.00147	261662.36	4027171.07	0.00149
261661.94	4027146.22	0.00150	261661.52	4027121.37	0.00150
261661.10	4027096.52	0.00150	261660.68	4027071.67	0.00151
261660.27	4027046.82	0.00152	261659.85	4027021.97	0.00155
261659.43	4026997.12	0.00159	261659.01	4026972.28	0.00164
261658.59	4026947.43	0.00171	261658.17	4026922.58	0.00178
261657.76	4026897.73	0.00186	261657.34	4026872.88	0.00193
260288.10	4026826.13	0.07049	260294.23	4026848.07	0.08080
260300.37	4026870.01	0.09181	260348.08	4026861.01	0.08181
260374.46	4026775.74	0.05380	260380.66	4026797.90	0.05884
260386.85	4026820.06	0.06369	260393.05	4026842.22	0.06811
260399.25	4026864.38	0.07179	260420.80	4026761.83	0.04849
260504.00	4026700.14	0.03504	260510.29	4026722.64	0.03662
260516.59	4026745.14	0.03794	260522.88	4026767.64	0.03892
260529.17	4026790.14	0.03943	260535.47	4026812.64	0.03942
260541.76	4026835.14	0.03887	260548.05	4026857.65	0.03782
260590.35	4026649.71	0.02657	260596.64	4026672.21	0.02728
260602.94	4026694.71	0.02777	260609.23	4026717.21	0.02802
260615.52	4026739.71	0.02800	260626.01		

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4026777.21        0.02731
         260648.04    4026855.96        0.02363                       260676.70
4026599.27        0.02057
         260682.99    4026621.77        0.02086                       260689.29
4026644.27        0.02099
         260695.58    4026666.77        0.02095                       260701.87
4026689.27        0.02072
         260708.17    4026711.78        0.02032                       260714.46
4026734.28        0.01976
         260720.75    4026756.78        0.01906                       260727.05
4026779.28        0.01823
         260733.34    4026801.78        0.01735                       260739.63
4026824.28        0.01642
         260745.93    4026846.78        0.01548                       260763.05
4026548.84        0.01628
         260769.34    4026571.34        0.01635                       260775.64
4026593.84        0.01631
         260781.93    4026616.34        0.01615                       260788.22
4026638.84        0.01588
         260794.52    4026661.34        0.01550                       260800.81
4026683.84        0.01502
         260807.10    4026706.34        0.01446                       260813.40
4026728.84        0.01385
         260825.98    4026773.84        0.01253                       260846.96
4026848.84        0.01043
         260935.75    4026447.97        0.01083                       260942.04
4026470.47        0.01074
         260948.34    4026492.97        0.01059                       260954.63
4026515.47        0.01039
         260960.92    4026537.97        0.01014                       260967.22
4026560.47        0.00984
         260973.51    4026582.97        0.00951                       260979.80
4026605.47        0.00917
         260986.10    4026627.97        0.00880                       260992.39
4026650.47        0.00843
         260998.68    4026672.97        0.00806                       261004.98
4026695.47        0.00770
         261011.27    4026717.98        0.00735                       261019.66
4026747.98        0.00691
         261108.46    4026347.13        0.00764                       261114.80
4026369.78        0.00754
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                  PAGE 204
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
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VALUES FOR SOURCE GROUP: PHASE2B  ***
                                  INCLUDING SOURCE(S):     PHASE2B     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         261121.13    4026392.44        0.00741                      261127.47
4026415.10        0.00725
         261133.81    4026437.76        0.00705                      261140.15
4026460.42        0.00684
         261146.48    4026483.08        0.00662                      261152.82
4026505.74        0.00639
         261159.16    4026528.40        0.00616                      261165.50
4026551.06        0.00593
         261171.84    4026573.72        0.00571                      261178.17
4026596.37        0.00549
         261184.51    4026619.03        0.00528                      261190.85
4026641.69        0.00508
         261197.19    4026664.35        0.00490                      261203.52
4026687.01        0.00473
         261209.86    4026709.67        0.00457                      261219.37
4026743.66        0.00435
         261281.16    4026246.25        0.00576                      261287.49
4026268.89        0.00565
         261293.82    4026291.52        0.00552                      261300.15
4026314.16        0.00539
         261306.48    4026336.79        0.00524                      261312.81
4026359.42        0.00510
         261319.14    4026382.06        0.00495                      261325.47
4026404.69        0.00479
         261331.80    4026427.33        0.00464                      261338.13
4026449.96        0.00449
         261344.47    4026472.60        0.00435                      261350.80
4026495.23        0.00421
         261357.13    4026517.87        0.00407                      261363.46
4026540.50        0.00394
         261369.79    4026563.14        0.00382                      261376.12
4026585.77        0.00368
         261382.45    4026608.40        0.00356                      261388.78
4026631.04        0.00346
         261395.11    4026653.67        0.00339                      261401.44
4026676.31        0.00333
         261407.77    4026698.94        0.00324                      261414.10
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4026721.58        0.00316
         261420.44    4026744.21        0.00308                       261426.77
4026766.85        0.00300
         261433.10    4026789.48        0.00291                       261439.43
4026812.11        0.00281
         261445.76    4026834.75        0.00271                       261453.86
4026145.38        0.00451
         261460.18    4026168.00        0.00442                       261466.51
4026190.61        0.00432
         261472.83    4026213.23        0.00422                       261479.16
4026235.85        0.00411
         261485.49    4026258.46        0.00399                       261491.81
4026281.08        0.00388
         261498.14    4026303.70        0.00378                       261504.46
4026326.31        0.00369
         261510.79    4026348.93        0.00358                       261517.11
4026371.55        0.00348
         261523.44    4026394.16        0.00339                       261529.77
4026416.78        0.00329
         261536.09    4026439.39        0.00320                       261542.42
4026462.01        0.00311
         261548.74    4026484.63        0.00303                       261555.07
4026507.24        0.00296
         261561.40    4026529.86        0.00289                       261567.72
4026552.48        0.00283
         261574.05    4026575.09        0.00276                       261580.37
4026597.71        0.00271
         261586.70    4026620.33        0.00265                       261593.02
4026642.94        0.00260
         261599.35    4026665.56        0.00255                       261605.68
4026688.18        0.00250
         261612.00    4026710.79        0.00244                       261618.33
4026733.41        0.00239
         261624.65    4026756.03        0.00233                       261630.98
4026778.64        0.00226
         261637.31    4026801.26        0.00218                       261643.63
4026823.88        0.00211
         261649.96    4026846.49        0.00203                       260178.22
4026852.86        0.06338
         260186.13    4026829.14        0.05472                       260206.65
4026845.81        0.06765
         260187.19    4026799.87        0.04444                       260223.53
4026769.10        0.04189
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                        ***        18:20:08

                                  PAGE 205
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE2B ***

INCLUDING SOURCE(S): PHASE2B ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260244.05	4026785.76	0.04995	260264.57	4026802.43	0.05861
260226.11	4026710.93	0.02963	260248.00	4026728.70	0.03546
260299.44	4026710.19	0.03656	260321.04	4026727.73	0.04173
260342.64	4026745.27	0.04665	260257.58	4026615.93	0.02002
260278.99	4026633.32	0.02325	260300.41	4026650.70	0.02686
260321.82	4026668.09	0.03074	260343.24	4026685.48	0.03473
260333.14	4026556.74	0.01880	260355.03	4026574.51	0.02126
260376.92	4026592.29	0.02384	260398.81	4026610.06	0.02642
260420.70	4026627.83	0.02886	260442.59	4026645.61	0.03105
260464.49	4026663.38	0.03282	260486.38	4026681.15	0.03407
260320.88	4026426.24	0.01095	260342.49	4026443.78	0.01227
260364.09	4026461.32	0.01372	260385.69	4026478.86	0.01530
260407.30	4026496.40	0.01698	260428.90	4026513.94	0.01870
260450.50	4026531.48	0.02040	260472.11	4026549.02	0.02202
260572.92	4026630.87	0.02637	260352.60	4026331.45	0.00859
260374.49	4026349.23	0.00952	260396.39	4026367.00	0.01055
260483.95	4026438.10	0.01525	260505.84	4026455.87	0.01645
260527.73	4026473.64	0.01760	260549.62		

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4026491.42        0.01863
         260571.51    4026509.19        0.01948                       260593.40
4026526.96        0.02014
         260615.30    4026544.74        0.02056                       260637.19
4026562.51        0.02071
         260659.08    4026580.28        0.02063                       260384.16
4026236.53        0.00694
         260405.84    4026254.14        0.00761                       260427.53
4026271.74        0.00833
         260449.21    4026289.35        0.00911                       260470.90
4026306.95        0.00993
         260492.58    4026324.56        0.01079                       260514.26
4026342.17        0.01167
         260535.95    4026359.77        0.01256                       260557.63
4026377.38        0.01343
         260579.32    4026394.98        0.01427                       260601.00
4026412.59        0.01503
         260622.69    4026430.19        0.01569                       260644.37
4026447.80        0.01619
         260709.42    4026500.62        0.01678                       260731.11
4026518.22        0.01667
         260447.42    4026046.81        0.00486                       260469.15
4026064.45        0.00523
         260505.36    4026093.85        0.00594                       260548.82
4026129.14        0.00687
         260570.55    4026146.78        0.00736                       260592.28
4026164.42        0.00786
         260614.01    4026182.07        0.00836                       260635.74
4026199.71        0.00888
         260657.47    4026217.35        0.00941                       260679.20
4026235.00        0.00991
         260700.93    4026252.64        0.01038                       260722.66
4026270.28        0.01079
         260744.39    4026287.92        0.01113                       260766.12
4026305.57        0.01139
         260860.29    4026382.02        0.01163                       260882.02
4026399.66        0.01150
         260903.75    4026417.30        0.01129                       260510.67
4025857.08        0.00364
         260532.43    4025874.74        0.00386                       260554.19
4025892.41        0.00413
         260575.95    4025910.08        0.00441                       260699.25
4026010.19        0.00613
         260721.01    4026027.85        0.00645                       260742.77
4026045.52        0.00679
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE2B ***
INCLUDING SOURCE(S): PHASE2B ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260764.53	4026063.19	0.00713	260786.29	4026080.85	0.00746
260808.05	4026098.52	0.00777	260829.81	4026116.18	0.00804
260851.57	4026133.85	0.00827	260873.32	4026151.52	0.00843
260895.08	4026169.18	0.00855	260916.84	4026186.85	0.00863
261011.13	4026263.40	0.00860	261032.89	4026281.07	0.00849
261054.65	4026298.74	0.00833	261076.41	4026316.40	0.00811
260573.93	4025667.35	0.00287	260595.71	4025685.03	0.00303
260617.48	4025702.71	0.00320	260639.26	4025720.39	0.00338
260661.04	4025738.08	0.00357	260769.94	4025826.49	0.00458
260849.80	4025891.33	0.00541	260871.58	4025909.01	0.00565
260893.36	4025926.69	0.00588	260915.13	4025944.38	0.00610
260936.91	4025962.06	0.00629	260958.69	4025979.74	0.00645
260980.47	4025997.43	0.00657	261002.25	4026015.11	0.00665
261024.03	4026032.79	0.00670	261045.81	4026050.47	0.00674
261067.59	4026068.16	0.00676	261089.37	4026085.84	0.00677
261111.15	4026103.52	0.00677	261132.93	4026121.20	0.00675
261154.71	4026138.89	0.00671	261176.49		

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4026156.57        0.00663
         261198.26    4026174.25        0.00652                       261220.04
4026191.94        0.00636
         261241.82    4026209.62        0.00618                       261263.60
4026227.30        0.00596
         260637.18    4025477.61        0.00234                       260658.97
4025495.31        0.00245
         260680.76    4025513.00        0.00257                       260702.56
4025530.70        0.00270
         260724.35    4025548.39        0.00284                       260746.15
4025566.09        0.00298
         260767.94    4025583.78        0.00312                       260789.73
4025601.48        0.00326
         260811.53    4025619.17        0.00340                       260833.32
4025636.87        0.00354
         260855.12    4025654.56        0.00369                       260876.91
4025672.26        0.00384
         260898.71    4025689.95        0.00399                       260920.50
4025707.65        0.00416
         260942.29    4025725.34        0.00433                       260964.09
4025743.04        0.00451
         260985.88    4025760.73        0.00468                       261007.68
4025778.43        0.00485
         261029.47    4025796.12        0.00501                       261051.26
4025813.82        0.00515
         261073.06    4025831.51        0.00526                       261094.85
4025849.21        0.00534
         261116.65    4025866.90        0.00539                       261138.44
4025884.59        0.00542
         261160.23    4025902.29        0.00544                       261182.03
4025919.98        0.00546
         261203.82    4025937.68        0.00547                       261225.62
4025955.37        0.00549
         261247.41    4025973.07        0.00549                       261269.20
4025990.76        0.00549
         261291.00    4026008.46        0.00546                       261312.79
4026026.15        0.00540
         261334.59    4026043.85        0.00532                       261356.38
4026061.54        0.00522
         261378.18    4026079.24        0.00510                       261399.97
4026096.93        0.00495
         261421.76    4026114.63        0.00478                       259786.65
4026922.81        0.01374
         259785.22    4026946.18        0.01539                       259786.24
4026967.32        0.01721
         259787.46    4026993.13        0.01967                       259786.85
4027016.70        0.02195
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3A ***
INCLUDING SOURCE(S): PHASE3A ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260122.88	4026867.29	0.04676	260099.69	4026867.81	0.04679
260076.51	4026868.33	0.04668	260053.32	4026868.85	0.04638
260030.13	4026869.37	0.04589	260006.94	4026869.89	0.04523
259983.76	4026870.42	0.04444	259960.57	4026870.94	0.04353
260145.51	4026841.77	0.04369	260122.32	4026842.29	0.04372
260099.13	4026842.82	0.04363	260075.94	4026843.34	0.04340
260052.76	4026843.86	0.04299	260029.57	4026844.38	0.04241
260006.38	4026844.90	0.04170	259983.19	4026845.42	0.04090
259960.01	4026845.94	0.03997	260157.65	4026818.69	0.04117
260121.76	4026817.30	0.04087	260098.57	4026817.82	0.04066
260075.38	4026818.34	0.04034	260052.19	4026818.86	0.03986
260029.01	4026819.39	0.03925	260005.82	4026819.91	0.03851
259982.63	4026820.43	0.03768	259959.44	4026820.95	0.03673
260161.32	4026794.34	0.03871	260121.20	4026792.31	0.03819
260098.01	4026792.83	0.03791	260074.82	4026793.35	0.03751
260051.63	4026793.87	0.03699	260028.45		

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4026794.39        0.03634
         260005.26    4026794.91        0.03558                     259982.07
4026795.43        0.03473
         259958.88    4026795.96        0.03379                     260160.19
4026744.35        0.03409
         260120.07    4026742.32        0.03337                     260096.88
4026742.84        0.03298
         260073.70    4026743.36        0.03249                     260050.51
4026743.88        0.03190
         260027.32    4026744.40        0.03123                     260004.13
4026744.93        0.03047
         259980.95    4026745.45        0.02963                     259957.76
4026745.97        0.02874
         260164.72    4026695.21        0.03016                     260187.30
4026698.62        0.03067
         260142.14    4026691.81        0.02956                     260118.95
4026692.33        0.02918
         260095.76    4026692.85        0.02874                     260072.57
4026693.37        0.02825
         260049.39    4026693.90        0.02765                     260026.20
4026694.42        0.02697
         260003.01    4026694.94        0.02623                     259979.82
4026695.46        0.02543
         259956.64    4026695.98        0.02459                     260162.18
4026645.01        0.02660
         260204.52    4026651.40        0.02756                     260117.82
4026642.34        0.02564
         260094.64    4026642.87        0.02518                     260071.45
4026643.39        0.02466
         260048.26    4026643.91        0.02407                     260025.07
4026644.43        0.02343
         260001.89    4026644.95        0.02273                     259978.70
4026645.47        0.02198
         259955.51    4026645.99        0.02120                     260160.21
4026594.90        0.02354
         260200.85    4026601.03        0.02448                     260116.70
4026592.36        0.02260
         260093.51    4026592.88        0.02213                     260070.33
4026593.40        0.02162
         260047.14    4026593.92        0.02105                     260023.95
4026594.44        0.02044
         260000.76    4026594.96        0.01978                     259977.58
4026595.48        0.01910
         259954.39    4026596.01        0.01839                     260160.22
4026495.27        0.01869
         260182.80    4026498.67        0.01919                     260205.38
4026502.07        0.01965
         260227.96    4026505.48        0.02009                     260250.54
4026508.88        0.02050
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
```

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A ***
                                 INCLUDING SOURCE(S):   PHASE3A   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         260137.64   4026491.86   0.01816   260114.45
4026492.38   0.01775
         260091.27   4026492.90   0.01731   260068.08
4026493.42   0.01683
         260044.89   4026493.95   0.01632   260021.70
4026494.47   0.01579
         259998.52   4026494.99   0.01524   259975.33
4026495.51   0.01469
         259952.14   4026496.03   0.01414   260156.56
4026395.08   0.01496
         260198.90   4026401.46   0.01578   260241.24
4026407.84   0.01654
         260283.58   4026414.23   0.01722   260112.21
4026392.41   0.01414
         260089.02   4026392.93   0.01374   260065.83
4026393.45   0.01333
         260042.64   4026393.97   0.01290   260019.46
4026394.49   0.01247
         259996.27   4026395.01   0.01204   259973.08
4026395.54   0.01161
         259949.89   4026396.06   0.01118   260155.73
4026295.32   0.01218
         260178.31   4026298.72   0.01257   260200.89
4026302.12   0.01295
         260223.47   4026305.53   0.01331   260246.05
4026308.93   0.01367
         260268.63   4026312.34   0.01401   260291.21
4026315.74   0.01433
         260313.79   4026319.15   0.01464   260133.15

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4026291.91        0.01178
         260109.96    4026292.43        0.01145                    260086.77
4026292.95        0.01112
         260063.58    4026293.48        0.01077                    260040.40
4026294.00        0.01043
         260017.21    4026294.52        0.01008                    259994.02
4026295.04        0.00973
         259970.83    4026295.56        0.00939                    259947.65
4026296.08        0.00906
         260152.45    4026195.19        0.01003                    260195.56
4026201.69        0.01065
         260238.67    4026208.18        0.01125                    260281.77
4026214.68        0.01184
         260324.88    4026221.18        0.01238                    260107.71
4026192.46        0.00945
         260084.52    4026192.98        0.00917                    260061.34
4026193.50        0.00889
         260038.15    4026194.02        0.00861                    260014.96
4026194.54        0.00834
         259991.77    4026195.06        0.00806                    259968.59
4026195.59        0.00779
         259945.40    4026196.11        0.00752                    260148.18
4025995.27        0.00717
         260191.72    4026001.84        0.00760                    260235.27
4026008.40        0.00802
         260278.82    4026014.97        0.00844                    260322.37
4026021.53        0.00888
         260365.91    4026028.10        0.00931                    260409.46
4026034.66        0.00972
         260103.22    4025992.51        0.00676                    260080.03
4025993.03        0.00659
         260056.84    4025993.55        0.00640                    260033.65
4025994.07        0.00621
         260010.47    4025994.59        0.00602                    259987.28
4025995.11        0.00582
         259964.09    4025995.64        0.00563                    259940.90
4025996.16        0.00544
         260143.82    4025795.34        0.00544                    260187.66
4025801.95        0.00574
         260231.49    4025808.56        0.00604                    260275.32
4025815.17        0.00634
         260319.15    4025821.78        0.00664                    260362.98
4025828.38        0.00695
         260406.82    4025834.99        0.00727                    260450.65
4025841.60        0.00759
         260098.72    4025792.56        0.00516                    260075.53
4025793.08        0.00501
         260052.35    4025793.60        0.00487                    260029.16
4025794.12        0.00472
         260005.97    4025794.64        0.00458                    259982.78
```

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3A ***
                                   INCLUDING SOURCE(S):   PHASE3A   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                            ** CONC OF OTHER   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

```
4025442.09        0.00472
         260488.44    4025448.75        0.00491                  260532.61
4025455.41        0.00509
         260576.79    4025462.07        0.00528                  260089.73
4025392.66        0.00335
         260066.54    4025393.18        0.00327                  260043.36
4025393.70        0.00319
         260020.17    4025394.22        0.00311                  259996.98
4025394.75        0.00302
         259973.79    4025395.27        0.00294                  259950.61
4025395.79        0.00286
         259927.42    4025396.31        0.00278                  259936.53
4026919.72        0.05044
         259936.93    4026943.08        0.05502                  259937.33
4026966.44        0.06005
         259937.73    4026989.80        0.06556                  259938.13
4027013.16        0.07167
         259918.11    4026879.03        0.04259                  259911.54
4026920.14        0.04914
         259911.93    4026943.51        0.05375                  259912.33
4026966.87        0.05888
         259912.73    4026990.23        0.06454                  259913.13
4027013.59        0.07084
         259893.11    4026879.46        0.04116                  259924.52
4026836.29        0.03692
         259886.54    4026920.57        0.04762                  259886.94
4026943.93        0.05224
         259887.34    4026967.29        0.05741                  259887.73
4026990.66        0.06313
         259888.13    4027014.02        0.06955                  259868.12
4026879.88        0.03958
         259882.06    4026844.38        0.03552                  259906.50
4026818.96        0.03381
         259861.54    4026921.00        0.04593                  259861.94
4026944.36        0.05050
         259862.34    4026967.72        0.05564                  259862.74
4026991.08        0.06141
         259863.14    4027014.44        0.06785                  259819.52
4026877.19        0.03577
         259827.89    4026855.88        0.03351                  259836.25
4026834.58        0.03148
         259844.62    4026813.28        0.02962                  259873.94
4026782.78        0.02816
         259894.90    4026773.58        0.02836                  259915.85
4026764.37        0.02852
         259936.80    4026755.17        0.02865                  259811.55
4026921.85        0.04223
         259811.95    4026945.21        0.04664                  259812.35
4026968.57        0.05162
         259812.75    4026991.93        0.05721                  259813.14
```

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A ***
                                  INCLUDING SOURCE(S):   PHASE3A   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         259801.00   4026797.90   0.02554   259836.90
4026748.57   0.02330
         259876.81   4026731.04   0.02383   259916.72
4026713.51   0.02427
         259718.91   4026880.47   0.02857   259734.41
4026841.02   0.02546
         259749.90   4026801.57   0.02287   259765.40
4026762.13   0.02071
         259800.30   4026714.16   0.01920   259839.10
4026697.12   0.01982
         259877.90   4026680.08   0.02036   259916.71
4026663.03   0.02082
         259669.54   4026879.74   0.02490   259677.91
4026858.44   0.02342
         259686.28   4026837.14   0.02209   259694.64
4026815.84   0.02087
         259703.01   4026794.54   0.01977   259711.38
4026773.24   0.01877
         259719.75   4026751.94   0.01785   259728.11
4026730.63   0.01700
         259736.48   4026709.33   0.01623   259765.80
4026678.83   0.01588
         259786.76   4026669.63   0.01623   259807.71
4026660.42   0.01656
         259828.66   4026651.22   0.01688   259849.62

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4026642.02        0.01718
         259870.57    4026632.82        0.01746                    259891.53
4026623.61        0.01771
         259912.48    4026614.41        0.01795                    259933.43
4026605.21        0.01818
         259569.16    4026882.46        0.01909                    259585.09
4026841.89        0.01721
         259601.03    4026801.31        0.01538                    259616.97
4026760.74        0.01404
         259632.91    4026720.17        0.01309                    259648.85
4026679.59        0.01208
         259664.78    4026639.02        0.01112                    259692.71
4026609.97        0.01103
         259732.62    4026592.44        0.01154                    259772.53
4026574.91        0.01207
         259812.45    4026557.38        0.01259                    259852.36
4026539.85        0.01309
         259892.27    4026522.32        0.01354                    259485.81
4026841.80        0.01360
         259502.22    4026800.04        0.01243                    259518.63
4026758.27        0.01143
         259535.03    4026716.50        0.01062                    259543.24
4026695.62        0.01022
         259559.64    4026653.85        0.00949                    259576.05
4026612.08        0.00882
         259592.46    4026570.32        0.00827                    259621.20
4026540.41        0.00806
         259662.29    4026522.37        0.00836                    259703.37
4026504.32        0.00877
         259744.46    4026486.28        0.00916                    259785.55
4026468.23        0.00959
         259826.63    4026450.19        0.01002                    259867.72
4026432.14        0.01044
         259888.26    4026423.12        0.01063                    259377.95
4026863.56        0.01153
         259386.32    4026842.26        0.01113                    259394.69
4026820.95        0.01074
         259403.05    4026799.65        0.01037                    259411.42
4026778.35        0.01000
         259419.79    4026757.05        0.00965                    259428.16
4026735.75        0.00931
         259436.52    4026714.45        0.00896                    259444.89
4026693.15        0.00865
         259453.26    4026671.84        0.00837                    259461.63
4026650.54        0.00809
         259469.99    4026629.24        0.00781                    259478.36
4026607.94        0.00756
         259486.73    4026586.64        0.00731                    259495.10
4026565.34        0.00708
         259503.46    4026544.04        0.00686                    259511.83
```

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A ***
                                INCLUDING SOURCE(S):   PHASE3A   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

```
4026843.03        0.00928
         259295.19    4026821.42        0.00905                    259303.67
4026799.81        0.00881
         259312.16    4026778.20        0.00858                    259320.65
4026756.59        0.00835
         259329.14    4026734.98        0.00812                    259337.63
4026713.37        0.00789
         259346.12    4026691.76        0.00766                    259354.61
4026670.15        0.00742
         259363.10    4026648.54        0.00720                    259371.58
4026626.93        0.00698
         259380.07    4026605.32        0.00676                    259388.56
4026583.71        0.00657
         259397.05    4026562.10        0.00636                    259405.54
4026540.49        0.00616
         259414.03    4026518.88        0.00598                    259422.52
4026497.27        0.00579
         259431.00    4026475.66        0.00562                    259439.49
4026454.05        0.00546
         259447.98    4026432.44        0.00528                    259477.73
4026401.50        0.00515
         259498.99    4026392.16        0.00520                    259520.24
4026382.83        0.00525
         259541.50    4026373.49        0.00530                    259562.76
4026364.15        0.00535
         259584.02    4026354.82        0.00542                    259605.27
4026345.48        0.00549
         259626.53    4026336.15        0.00558                    259647.79
4026326.81        0.00567
         259669.05    4026317.47        0.00576                    259690.31
4026308.14        0.00587
         259711.56    4026298.80        0.00598                    259732.82
4026289.47        0.00609
         259754.08    4026280.13        0.00622                    259775.34
4026270.79        0.00635
         259796.59    4026261.46        0.00650                    259817.85
4026252.12        0.00665
         259839.11    4026242.79        0.00680                    259860.37
4026233.45        0.00695
         259881.62    4026224.11        0.00709                    259902.88
4026214.78        0.00724
         259924.14    4026205.44        0.00739                    259261.63
4026931.23        0.01057
         259262.03    4026954.59        0.01117                    259262.43
4026977.95        0.01184
         259262.83    4027001.31        0.01260                    259263.22
4027024.67        0.01348
         259263.62    4027048.03        0.01449                    259069.63
4026889.97        0.00686
         259078.00    4026868.67        0.00660                    259086.36
```

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A ***
                                  INCLUDING SOURCE(S):   PHASE3A   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

```
4026253.83        0.00392
         259375.14    4026244.63        0.00390                    259396.10
4026235.42        0.00388
         259417.05    4026226.22        0.00387                    259438.01
4026217.02        0.00387
         259458.96    4026207.82        0.00388                    259479.91
4026198.61        0.00389
         259500.87    4026189.41        0.00390                    259521.82
4026180.21        0.00392
         259542.78    4026171.01        0.00395                    259563.73
4026161.80        0.00400
         259584.68    4026152.60        0.00404                    259605.64
4026143.40        0.00409
         259626.59    4026134.20        0.00414                    259647.55
4026124.99        0.00420
         259668.50    4026115.79        0.00426                    259689.45
4026106.59        0.00433
         259710.41    4026097.39        0.00439                    259731.36
4026088.18        0.00447
         259752.32    4026078.98        0.00455                    259773.27
4026069.78        0.00464
         259794.23    4026060.58        0.00473                    259815.18
4026051.37        0.00482
         259836.13    4026042.17        0.00491                    259857.09
4026032.97        0.00501
         259878.04    4026023.77        0.00512                    259899.00
4026014.56        0.00523
         259919.95    4026005.36        0.00533                    259061.66
4026934.64        0.00763
         259062.06    4026958.00        0.00811                    259062.46
4026981.36        0.00865
         259062.85    4027004.72        0.00927                    259063.25
4027028.08        0.00996
         259063.65    4027051.44        0.01071                    258869.81
4026892.99        0.00631
         258878.33    4026871.29        0.00595                    258886.86
4026849.60        0.00564
         258895.38    4026827.90        0.00537                    258903.90
4026806.20        0.00512
         258912.42    4026784.51        0.00491                    258920.95
4026762.81        0.00474
         258929.47    4026741.12        0.00458                    258937.99
4026719.42        0.00445
         258946.51    4026697.73        0.00434                    258955.04
4026676.03        0.00427
         258963.56    4026654.33        0.00421                    258972.08
4026632.64        0.00417
         258980.60    4026610.94        0.00414                    258989.12
4026589.25        0.00411
         258997.65    4026567.55        0.00409                    259006.17
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4026545.85        0.00407
         259014.69    4026524.16        0.00405                       259023.21
4026502.46        0.00403
         259031.74    4026480.77        0.00402                       259040.26
4026459.07        0.00400
         259048.78    4026437.38        0.00398                       259057.30
4026415.68        0.00396
         259065.83    4026393.98        0.00393                       259074.35
4026372.29        0.00389
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                   PAGE 213
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A  ***
                                   INCLUDING SOURCE(S):     PHASE3A     ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         259082.87    4026350.59        0.00385                       259091.39
4026328.90        0.00380
         259099.92    4026307.20        0.00375                       259108.44
4026285.51        0.00371
         259116.96    4026263.81        0.00367                       259125.48
4026242.11        0.00361
         259134.00    4026220.42        0.00354                       259142.53
4026198.72        0.00347
         259151.05    4026177.03        0.00341                       259159.57
4026155.33        0.00336
         259189.44    4026124.26        0.00327                       259210.78
4026114.89        0.00325
         259232.12    4026105.52        0.00322                       259253.46
4026096.14        0.00319
         259274.80    4026086.77        0.00316                       259296.15
4026077.40        0.00314
         259317.49    4026068.02        0.00312                       259338.83
4026058.65        0.00311
         259360.17    4026049.28        0.00310                       259381.51
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4026039.91        0.00309
         259402.86    4026030.53        0.00308                    259424.20
4026021.16        0.00307
         259445.54    4026011.79        0.00307                    259466.88
4026002.41        0.00307
         259488.22    4025993.04        0.00308                    259509.57
4025983.67        0.00309
         259530.91    4025974.29        0.00311                    259552.25
4025964.92        0.00314
         259573.59    4025955.55        0.00317                    259594.94
4025946.18        0.00320
         259616.28    4025936.80        0.00324                    259637.62
4025927.43        0.00328
         259658.96    4025918.06        0.00332                    259680.30
4025908.68        0.00337
         259701.65    4025899.31        0.00342                    259722.99
4025889.94        0.00347
         259744.33    4025880.56        0.00352                    259765.67
4025871.19        0.00358
         259787.01    4025861.82        0.00365                    259808.36
4025852.45        0.00372
         259829.70    4025843.07        0.00379                    259851.04
4025833.70        0.00386
         259872.38    4025824.33        0.00394                    259893.72
4025814.95        0.00402
         259915.07    4025805.58        0.00410                    258861.29
4026914.68        0.00664
         258861.69    4026938.04        0.00702                    258862.09
4026961.41        0.00747
         258862.48    4026984.77        0.00796                    258862.88
4027008.13        0.00840
         258863.28    4027031.49        0.00882                    258863.68
4027054.85        0.00919
         258669.75    4026896.63        0.00613                    258678.18
4026875.16        0.00591
         258686.62    4026853.69        0.00567                    258695.05
4026832.23        0.00542
         258703.48    4026810.76        0.00516                    258711.91
4026789.29        0.00490
         258720.34    4026767.83        0.00466                    258728.78
4026746.36        0.00444
         258737.21    4026724.89        0.00422                    258745.64
4026703.43        0.00404
         258754.07    4026681.96        0.00387                    258762.51
4026660.50        0.00372
         258770.94    4026639.03        0.00359                    258779.37
4026617.56        0.00348
         258787.80    4026596.10        0.00339                    258796.23
4026574.63        0.00331
         258804.67    4026553.16        0.00325                    258813.10
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4026531.70        0.00320
         258821.53    4026510.23        0.00315                       258829.96
4026488.76        0.00312
         258838.40    4026467.30        0.00309                       258846.83
4026445.83        0.00307
         258855.26    4026424.36        0.00305                       258863.69
4026402.90        0.00305
         258872.13    4026381.43        0.00305                       258880.56
4026359.97        0.00305
         258888.99    4026338.50        0.00305                       258897.42
4026317.03        0.00305
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 214
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A  ***
                                  INCLUDING SOURCE(S):     PHASE3A     ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         258905.85    4026295.57        0.00306                       258914.29
4026274.10        0.00305
         258922.72    4026252.63        0.00305                       258931.15
4026231.17        0.00305
         258939.58    4026209.70        0.00305                       258948.02
4026188.23        0.00304
         258956.45    4026166.77        0.00302                       258964.88
4026145.30        0.00301
         258973.31    4026123.83        0.00300                       258981.74
4026102.37        0.00297
         258990.18    4026080.90        0.00294                       258998.61
4026059.44        0.00290
         259007.04    4026037.97        0.00287                       259015.47
4026016.50        0.00284
         259045.02    4025985.76        0.00280                       259066.14
4025976.49        0.00279
         259087.25    4025967.21        0.00278                       259108.37
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4025957.94        0.00276
         259129.49    4025948.67        0.00274                    259150.60
4025939.39        0.00272
         259171.72    4025930.12        0.00270                    259192.84
4025920.84        0.00268
         259213.95    4025911.57        0.00266                    259235.07
4025902.30        0.00264
         259256.19    4025893.02        0.00262                    259277.30
4025883.75        0.00260
         259298.42    4025874.48        0.00258                    259319.54
4025865.20        0.00257
         259340.65    4025855.93        0.00256                    259361.77
4025846.65        0.00255
         259382.89    4025837.38        0.00254                    259404.00
4025828.11        0.00254
         259425.12    4025818.83        0.00254                    259446.23
4025809.56        0.00254
         259467.35    4025800.28        0.00254                    259488.47
4025791.01        0.00255
         259509.58    4025781.74        0.00256                    259530.70
4025772.46        0.00257
         259551.82    4025763.19        0.00259                    259572.93
4025753.91        0.00261
         259594.05    4025744.64        0.00264                    259615.17
4025735.37        0.00266
         259636.28    4025726.09        0.00269                    259657.40
4025716.82        0.00272
         259678.52    4025707.55        0.00276                    259699.63
4025698.27        0.00279
         259720.75    4025689.00        0.00283                    259741.87
4025679.72        0.00287
         259762.98    4025670.45        0.00292                    259784.10
4025661.18        0.00296
         259805.21    4025651.90        0.00301                    259826.33
4025642.63        0.00306
         259847.45    4025633.35        0.00311                    259868.56
4025624.08        0.00317
         259889.68    4025614.81        0.00323                    259910.80
4025605.53        0.00329
         258661.32    4026918.09        0.00631                    258661.72
4026941.45        0.00651
         258662.12    4026964.82        0.00668                    258662.51
4026988.18        0.00680
         258662.91    4027011.54        0.00689                    258663.31
4027034.90        0.00696
         258663.71    4027058.26        0.00700                    258469.89
4026899.77        0.00526
         258478.42    4026878.03        0.00526                    258486.96
4026856.29        0.00523
         258495.50    4026834.56        0.00516                    258504.04
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4026812.82   0.00505
         258512.58   4026791.09   0.00491   258521.11
4026769.35   0.00475
         258529.65   4026747.61   0.00458   258538.19
4026725.88   0.00442
         258546.73   4026704.14   0.00424   258555.27
4026682.41   0.00406
         258563.81   4026660.67   0.00388   258572.34
4026638.93   0.00370
         258580.88   4026617.20   0.00353   258589.42
4026595.46   0.00337
         258597.96   4026573.73   0.00323   258606.50
4026551.99   0.00310

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A ***
                                 INCLUDING SOURCE(S):   PHASE3A   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

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4026204.21        0.00241
         258751.64    4026182.48        0.00241                    258760.18
4026160.74        0.00242
         258768.72    4026139.01        0.00243                    258777.26
4026117.27        0.00244
         258785.80    4026095.53        0.00245                    258794.34
4026073.80        0.00246
         258802.87    4026052.06        0.00247                    258811.41
4026030.33        0.00247
         258819.95    4026008.59        0.00247                    258828.49
4025986.85        0.00247
         258837.03    4025965.12        0.00246                    258845.56
4025943.38        0.00246
         258854.10    4025921.65        0.00245                    258862.64
4025899.91        0.00244
         258871.18    4025878.17        0.00243                    258901.10
4025847.05        0.00242
         258922.48    4025837.66        0.00242                    258943.86
4025828.27        0.00243
         258965.24    4025818.88        0.00243                    258986.63
4025809.49        0.00242
         259008.01    4025800.09        0.00241                    259029.39
4025790.70        0.00240
         259050.77    4025781.31        0.00239                    259072.15
4025771.92        0.00237
         259093.53    4025762.53        0.00235                    259114.92
4025753.14        0.00233
         259136.30    4025743.75        0.00231                    259157.68
4025734.36        0.00229
         259179.06    4025724.97        0.00227                    259200.44
4025715.58        0.00225
         259221.82    4025706.19        0.00223                    259243.21
4025696.80        0.00222
         259264.59    4025687.41        0.00221                    259285.97
4025678.02        0.00220
         259307.35    4025668.63        0.00219                    259328.73
4025659.24        0.00218
         259350.11    4025649.85        0.00217                    259371.50
4025640.46        0.00217
         259392.88    4025631.07        0.00217                    259414.26
4025621.68        0.00217
         259435.64    4025612.29        0.00217                    259457.02
4025602.90        0.00218
         259478.40    4025593.51        0.00218                    259499.79
4025584.12        0.00219
         259521.17    4025574.73        0.00220                    259542.55
4025565.34        0.00221
         259563.93    4025555.95        0.00222                    259585.31
4025546.55        0.00223
         259606.69    4025537.16        0.00225                    259628.08
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4025527.77        0.00227
         259649.46    4025518.38        0.00229                        259670.84
4025508.99        0.00232
         259692.22    4025499.60        0.00234                        259713.60
4025490.21        0.00237
         259734.98    4025480.82        0.00240                        259756.37
4025471.43        0.00244
         259777.75    4025462.04        0.00247                        259799.13
4025452.65        0.00251
         259820.51    4025443.26        0.00255                        259841.89
4025433.87        0.00259
         259863.27    4025424.48        0.00263                        259884.66
4025415.09        0.00268
         259906.04    4025405.70        0.00273                        258461.35
4026921.50        0.00524
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 216
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A  ***
                                  INCLUDING SOURCE(S):     PHASE3A     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         258461.75    4026944.86        0.00525                        258462.14
4026968.23        0.00524
         258462.54    4026991.59        0.00524                        258462.94
4027014.95        0.00523
         258463.34    4027038.31        0.00524                        258463.74
4027061.67        0.00529
         259934.28    4026786.78        0.03165                        259843.61
4026789.17        0.02714
         259775.62    4026790.96        0.02347                        259910.29
4026737.40        0.02587
         259796.97    4026740.38        0.02076                        259774.30
4026740.98        0.01971
         259751.64    4026741.57        0.01868                        259930.33
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4026636.84 0.01977
259794.33 4026640.42 0.01516 259771.67
4026641.01 0.01442
259749.00 4026641.61 0.01369 259950.36
4026536.27 0.01559
259927.70 4026536.87 0.01500 259791.70
4026540.45 0.01151
259769.04 4026541.05 0.01097 259746.37
4026541.64 0.01045
259947.73 4026436.31 0.01214 259925.07
4026436.90 0.01171
259789.07 4026440.48 0.00908 259766.41
4026441.08 0.00867
259743.74 4026441.68 0.00830 259945.10
4026336.34 0.00978
259922.43 4026336.94 0.00942 259786.44
4026340.52 0.00736
259763.77 4026341.12 0.00706 259741.11
4026341.71 0.00678
259939.84 4026136.41 0.00674 259917.17
4026137.01 0.00650
259894.50 4026137.61 0.00626 259871.84
4026138.20 0.00603
259849.17 4026138.80 0.00581 259826.51
4026139.40 0.00560
259803.84 4026139.99 0.00540 259781.18
4026140.59 0.00520
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4026141.78 0.00485
259934.57 4025936.48 0.00496 259911.91
4025937.08 0.00480
259889.24 4025937.67 0.00464 259866.58
4025938.27 0.00449
259843.91 4025938.87 0.00434 259821.24
4025939.46 0.00420
259798.58 4025940.06 0.00407 259775.91
4025940.66 0.00394
259753.25 4025941.25 0.00383 259730.58
4025941.85 0.00372
259929.31 4025736.55 0.00387 259906.64
4025737.15 0.00375
259883.98 4025737.74 0.00364 259861.31
4025738.34 0.00353
259838.65 4025738.94 0.00343 259815.98
4025739.53 0.00333
259793.32 4025740.13 0.00324 259770.65
4025740.73 0.00315
259747.99 4025741.32 0.00307 259725.32
4025741.92 0.00299
259924.05 4025536.62 0.00313 259901.38

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4025537.22        0.00304
         259878.72    4025537.81        0.00296                       259856.05
4025538.41        0.00288
         259833.38    4025539.01        0.00280                       259810.72
4025539.60        0.00274
         259788.05    4025540.20        0.00267                       259765.39
4025540.80        0.00261
         259742.72    4025541.39        0.00255                       259720.06
4025541.99        0.00249
         260259.41    4027030.57        0.05966                       260258.91
4027007.71        0.05742
         260258.41    4026984.85        0.05518                       260257.92
4026961.98        0.05296
         260257.42    4026939.12        0.05080                       260256.92
4026916.26        0.04865
         260256.42    4026893.39        0.04654                       260359.39
4027028.40        0.04794
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 217
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A  ***
                                    INCLUDING SOURCE(S):     PHASE3A     ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
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4026982.67        0.04589
         260357.89    4026959.81        0.04475                       260357.39
4026936.94        0.04355
         260356.90    4026914.08        0.04230                       260356.40
4026891.22        0.04103
         260459.36    4027026.22        0.03682                       260458.87
4027003.35        0.03669
         260458.37    4026980.49        0.03645                       260457.87
4026957.63        0.03610
         260457.37    4026934.76        0.03566                       260456.87
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4026911.90        0.03515
         260456.37    4026889.04        0.03456                   260659.32
4027021.86        0.02048
         260658.82    4026998.99        0.02091                   260658.32
4026976.13        0.02135
         260657.82    4026953.27        0.02182                   260657.32
4026930.40        0.02214
         260656.82    4026907.54        0.02237                   260656.33
4026884.68        0.02255
         260859.27    4027017.50        0.01238                   260858.77
4026994.64        0.01266
         260858.27    4026971.77        0.01301                   260857.77
4026948.91        0.01333
         260857.28    4026926.05        0.01362                   260856.78
4026903.18        0.01391
         260856.28    4026880.32        0.01420                   261059.22
4027013.14        0.00845
         261058.72    4026990.28        0.00862                   261058.22
4026967.42        0.00880
         261057.73    4026944.55        0.00897                   261057.23
4026921.69        0.00914
         261056.73    4026898.83        0.00931                   261056.23
4026875.96        0.00951
         261259.17    4027008.78        0.00635                   261258.68
4026985.92        0.00645
         261258.18    4026963.06        0.00655                   261257.68
4026940.19        0.00666
         261257.18    4026917.33        0.00677                   261256.68
4026894.47        0.00688
         261256.18    4026871.60        0.00699                   259796.13
4026879.73        0.03441
         259754.95    4026854.32        0.02825                   259754.15
4026829.33        0.02561
         259782.14    4026815.29        0.02603                   259810.93
4026826.23        0.02895
         259798.03    4026771.96        0.02315                   259766.16
4026710.47        0.01752
         259713.18    4026705.57        0.01515                   259863.07
4026697.95        0.02089
         259730.08    4026655.01        0.01359                   259763.58
4026610.76        0.01301
         259879.85    4026654.96        0.01896                   259977.30
4026719.03        0.02714
         259998.89    4026767.78        0.03247                   259760.72
4026510.93        0.01004
         259828.46    4026536.69        0.01235                   259879.27
4026556.01        0.01439
         259913.14    4026568.88        0.01587                   259757.73
4026411.06        0.00800
         259877.69    4026456.67        0.01125                   259911.97
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4026528.34        0.01827
         260107.90    4026558.14        0.02061                       260137.61
4026625.19        0.02493
         260182.16    4026725.77        0.03273                       260197.01
4026759.29        0.03558
         260211.87    4026792.82        0.03845                       260226.72
4026826.34        0.04129
         260241.57    4026859.87        0.04401                       259754.68
4026311.16        0.00657
         259875.60    4026357.14        0.00902                       259910.15
4026370.27        0.00988
         260031.07    4026416.25        0.01333                       260065.62
4026429.38        0.01444
         260100.17    4026442.52        0.01557                       260134.71
4026455.65        0.01668
         260199.20    4026536.38        0.02111                       260214.18
4026570.17        0.02299
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 218
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A  ***
                                  INCLUDING SOURCE(S):     PHASE3A     ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         260229.15    4026603.97        0.02497                       260244.12
4026637.76        0.02706
         260259.09    4026671.55        0.02923                       260274.06
4026705.35        0.03140
         260289.03    4026739.14        0.03353                       260304.00
4026772.94        0.03556
         260318.97    4026806.73        0.03743                       260333.94
4026840.52        0.03909
         259751.01    4026211.03        0.00552                       259784.60
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4026223.80        0.00596
         259868.57    4026255.73        0.00734                    259902.16
4026268.50        0.00797
         260036.52    4026319.58        0.01091                    260070.11
4026332.35        0.01176
         260103.69    4026345.12        0.01265                    260137.28
4026357.90        0.01354
         260170.87    4026370.67        0.01442                    260221.26
4026389.82        0.01570
         260252.61    4026429.06        0.01740                    260267.16
4026461.92        0.01877
         260281.71    4026494.77        0.02022                    260296.27
4026527.63        0.02175
         260310.82    4026560.48        0.02335                    260325.38
4026593.34        0.02497
         260339.93    4026626.19        0.02658                    260354.49
4026659.05        0.02814
         260369.04    4026691.90        0.02962                    260383.60
4026724.76        0.03098
         260398.15    4026757.62        0.03217                    260412.71
4026790.47        0.03316
         260427.26    4026823.33        0.03392                    260441.82
4026856.18        0.03440
         259715.72    4026205.24        0.00517                    259744.88
4026011.23        0.00412
         259778.98    4026024.19        0.00440                    259864.21
4026056.60        0.00524
         259898.31    4026069.56        0.00565                    259932.40
4026082.52        0.00609
         259966.50    4026095.49        0.00656                    260000.59
4026108.45        0.00705
         260034.68    4026121.41        0.00757                    260068.78
4026134.38        0.00811
         260102.87    4026147.34        0.00867                    260136.97
4026160.30        0.00925
         260171.06    4026173.26        0.00985                    260222.20
4026192.71        0.01077
         260341.53    4026238.08        0.01290                    260383.01
4026267.72        0.01391
         260397.79    4026301.06        0.01483                    260412.56
4026334.41        0.01579
         260427.33    4026367.76        0.01679                    260442.11
4026401.11        0.01781
         260456.88    4026434.46        0.01883                    260471.65
4026467.81        0.01984
         260486.43    4026501.16        0.02082                    260501.20
4026534.51        0.02173
         260515.98    4026567.86        0.02257                    260530.75
4026601.21        0.02328
         260545.52    4026634.56        0.02387                    260560.30
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4026667.91        0.02430
         260575.07    4026701.26        0.02456                       260589.84
4026734.61        0.02464
         260604.62    4026767.96        0.02454                       260619.39
4026801.30        0.02423
         260634.17    4026834.65        0.02373                       259709.35
4026005.34        0.00390
         259738.67    4025811.39        0.00325                       259773.09
4025824.48        0.00344
         259859.15    4025857.20        0.00402                       259893.58
4025870.29        0.00429
         259928.00    4025883.38        0.00458                       259962.42
4025896.47        0.00490
         259996.85    4025909.55        0.00524                       260031.27
4025922.64        0.00560
         260065.69    4025935.73        0.00596                       260100.12
4025948.82        0.00635
         260134.54    4025961.91        0.00670                       260168.96
4025974.99        0.00713
         260341.08    4026040.43        0.00929                       260375.50
4026053.52        0.00976
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 219
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A  ***
                                  INCLUDING SOURCE(S):     PHASE3A     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         260409.93    4026066.61        0.01021                       260444.35
4026079.70        0.01064
         260478.78    4026092.79        0.01106                       260520.66
4026122.71        0.01177
         260535.57    4026156.38        0.01242                       260550.49
4026190.05        0.01308
         260565.41    4026223.72        0.01377                       260580.32
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4026324.74        0.01582
         260625.07    4026358.41        0.01646                    260639.99
4026392.08        0.01704
         260654.91    4026425.75        0.01755                    260669.82
4026459.43        0.01798
         260684.74    4026493.10        0.01832                    260699.66
4026526.77        0.01855
         260714.57    4026560.44        0.01868                    260729.49
4026594.11        0.01871
         260744.40    4026627.78        0.01862                    260759.32
4026661.45        0.01842
         260774.24    4026695.13        0.01809                    260789.15
4026728.80        0.01762
         260804.07    4026762.47        0.01702                    260818.99
4026796.14        0.01630
         260833.90    4026829.81        0.01549                    259702.97
4025805.44        0.00310
         259732.09    4025611.42        0.00267                    259766.12
4025624.36        0.00280
         259851.18    4025656.70        0.00320                    259885.21
4025669.63        0.00339
         259919.23    4025682.57        0.00361                    259953.26
4025695.51        0.00382
         259987.28    4025708.44        0.00405                    260021.31
4025721.38        0.00430
         260055.33    4025734.32        0.00456                    260089.36
4025747.25        0.00483
         260123.38    4025760.19        0.00510                    260157.41
4025773.13        0.00536
         260208.45    4025792.53        0.00579                    260344.55
4025844.28        0.00699
         260378.57    4025857.22        0.00732                    260412.60
4025870.15        0.00766
         260446.62    4025883.09        0.00801                    260480.65
4025896.02        0.00834
         260514.67    4025908.96        0.00864                    260548.70
4025921.90        0.00903
         260582.72    4025934.83        0.00933                    260616.75
4025947.77        0.00962
         260658.15    4025977.35        0.01012                    260672.89
4026010.63        0.01058
         260687.63    4026043.91        0.01106                    260702.38
4026077.19        0.01154
         260717.12    4026110.48        0.01202                    260731.86
4026143.76        0.01250
         260746.61    4026177.04        0.01296                    260761.35
4026210.32        0.01339
         260776.10    4026243.60        0.01377                    260790.84
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4026276.89        0.01410
         260805.58    4026310.17        0.01437                       260820.33
4026343.45        0.01459
         260835.07    4026376.73        0.01475                       260849.82
4026410.01        0.01484
         260864.56    4026443.30        0.01487                       260879.30
4026476.58        0.01484
         260894.05    4026509.86        0.01474                       260908.79
4026543.14        0.01456
         260923.54    4026576.42        0.01428                       260938.28
4026609.71        0.01392
         260953.02    4026642.99        0.01346                       260967.77
4026676.27        0.01294
         260982.51    4026709.55        0.01239                       260997.26
4026742.83        0.01180
         261012.00    4026776.12        0.01116                       261026.74
4026809.40        0.01060
         261041.49    4026842.68        0.01004                       259696.59
4025605.54        0.00256
         259725.84    4025411.57        0.00226                       259760.11
4025424.60        0.00236
         259845.80    4025457.18        0.00265                       259880.07
4025470.21        0.00279
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 220
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A  ***
                                 INCLUDING SOURCE(S):     PHASE3A     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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4025496.27        0.00311
         259982.90    4025509.30        0.00328                       260017.17
4025522.34        0.00346
         260051.45    4025535.37        0.00366                       260085.72
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4025626.59        0.00512
         260342.78    4025646.13        0.00545                    260377.05
4025659.16        0.00568
         260411.33    4025672.20        0.00592                    260445.60
4025685.23        0.00618
         260479.88    4025698.26        0.00644                    260514.15
4025711.29        0.00671
         260548.43    4025724.32        0.00698                    260582.70
4025737.35        0.00726
         260616.97    4025750.38        0.00753                    260651.25
4025763.42        0.00778
         260685.52    4025776.45        0.00802                    260719.80
4025789.48        0.00825
         260754.07    4025802.51        0.00847                    260795.77
4025832.30        0.00885
         260810.63    4025865.83        0.00920                    260825.48
4025899.36        0.00956
         260840.33    4025932.88        0.00991                    260855.18
4025966.41        0.01026
         260870.03    4025999.93        0.01061                    260884.89
4026033.46        0.01093
         260899.74    4026066.98        0.01123                    260914.59
4026100.51        0.01149
         260929.44    4026134.04        0.01172                    260944.29
4026167.56        0.01190
         260959.14    4026201.09        0.01205                    260974.00
4026234.61        0.01215
         260988.85    4026268.14        0.01222                    261003.70
4026301.67        0.01225
         261018.55    4026335.19        0.01224                    261033.40
4026368.72        0.01218
         261048.26    4026402.24        0.01206                    261063.11
4026435.77        0.01187
         261077.96    4026469.29        0.01162                    261092.81
4026502.82        0.01130
         261107.66    4026536.35        0.01094                    261122.52
4026569.87        0.01053
         261137.37    4026603.40        0.01010                    261152.22
4026636.92        0.00965
         261167.07    4026670.45        0.00921                    261181.92
4026703.97        0.00878
         261196.78    4026737.50        0.00837                    261211.63
4026771.03        0.00798
         261226.48    4026804.55        0.00762                    261241.33
4026838.08        0.00729
         259690.21    4025405.64        0.00218                    259694.18
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         259643.97    4026857.11        0.02123                       259619.13
4026857.65        0.01990
         259569.47    4026858.74        0.01755                       259544.63
4026859.28        0.01651
         259519.80    4026859.82        0.01556                       259470.13
4026860.91        0.01389
         259445.30    4026861.45        0.01317                       259643.42
4026832.12        0.01924
         259618.59    4026832.66        0.01802                       259544.09
4026834.29        0.01519
         259519.25    4026834.83        0.01436                       259444.75
4026836.46        0.01228
         259667.71    4026806.58        0.01872                       259642.87
4026807.12        0.01722
         259568.37    4026808.75        0.01473                       259543.54
4026809.29        0.01402
         259469.04    4026810.92        0.01201                       259444.21
4026811.46        0.01148
         259691.45    4026756.05        0.01684                       259666.62
4026756.59        0.01584
         259641.78    4026757.13        0.01479                       259592.11
4026758.22        0.01330
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 221
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A  ***
                                  INCLUDING SOURCE(S):     PHASE3A     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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         259492.78    4026760.39        0.01090                       259467.95
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4026706.06 0.01435
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259566.19 4026708.77 0.01104 259491.69
4026710.40 0.00969
259466.85 4026710.95 0.00930 259689.26
4026656.07 0.01238
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4026657.70 0.01061
259589.93 4026658.24 0.01013 259515.43
4026659.87 0.00894
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4026606.63 0.01024
259638.50 4026607.17 0.00973 259613.67
4026607.71 0.00927
259539.17 4026609.34 0.00827 259514.34
4026609.88 0.00798
259439.84 4026611.51 0.00727 259636.32
4026507.19 0.00774
259611.49 4026507.74 0.00747 259586.65
4026508.28 0.00719
259561.82 4026508.82 0.00693 259487.32
4026510.45 0.00631
259462.48 4026510.99 0.00614 259634.13
4026407.22 0.00637
259609.30 4026407.76 0.00609 259584.47
4026408.30 0.00588
259559.63 4026408.85 0.00570 259534.80
4026409.39 0.00555
259435.47 4026411.56 0.00506 259631.95
4026307.24 0.00536
259607.12 4026307.78 0.00518 259582.28
4026308.33 0.00502
259557.45 4026308.87 0.00487 259532.61
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259507.78 4026309.96 0.00462 259482.95
4026310.50 0.00453
259458.11 4026311.04 0.00445 259433.28
4026311.58 0.00438
259679.43 4026206.18 0.00491 259654.60
4026206.72 0.00475
259629.76 4026207.27 0.00460 259604.93
4026207.81 0.00446
259580.10 4026208.35 0.00433 259555.26
4026208.89 0.00421
259530.43 4026209.44 0.00411 259675.06
4026006.23 0.00374
259650.23 4026006.77 0.00363 259625.39

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4026007.31        0.00353
         259600.56    4026007.86        0.00344                       259575.73
4026008.40        0.00336
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4026009.48        0.00322
         259670.69    4025806.28        0.00300                       259645.86
4025806.82        0.00293
         259621.02    4025807.36        0.00286                       259596.19
4025807.90        0.00279
         259571.36    4025808.45        0.00274                       259546.52
4025808.99        0.00268
         259521.69    4025809.53        0.00264                       259666.32
4025606.32        0.00249
         259641.49    4025606.87        0.00244                       259616.65
4025607.41        0.00239
         259591.82    4025607.95        0.00235                       259566.99
4025608.49        0.00231
         259542.15    4025609.04        0.00228                       259517.32
4025609.58        0.00225
         259661.95    4025406.37        0.00213                       259637.12
4025406.91        0.00210
         259612.29    4025407.46        0.00206                       259587.45
4025408.00        0.00203
         259562.62    4025408.54        0.00201                       259537.78
4025409.08        0.00198
         259512.95    4025409.63        0.00196                       259488.12
4025410.17        0.00194
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 222
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A  ***
                                 INCLUDING SOURCE(S):     PHASE3A     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4027016.78        0.01879
         259409.77    4026851.82        0.01192                   259317.30
4026860.93        0.01020
         259331.22    4026825.36        0.00971                   259355.67
4026799.88        0.00960
         259296.82    4026935.18        0.01151                   259297.61
4026976.93        0.01278
         259298.41    4027018.68        0.01437                   259354.57
4026749.90        0.00866
         259389.55    4026734.53        0.00880                   259217.31
4026862.84        0.00843
         259231.23    4026827.26        0.00813                   259245.15
4026791.69        0.00786
         259259.07    4026756.11        0.00759                   259283.52
4026730.64        0.00756
         259370.97    4026692.23        0.00788                   259405.95
4026676.86        0.00793
         259196.83    4026937.09        0.00940                   259197.63
4026978.84        0.01040
         259198.43    4027020.59        0.01166                   259169.22
4026858.94        0.00766
         259184.41    4026820.13        0.00737                   259199.59
4026781.32        0.00714
         259214.78    4026742.51        0.00692                   259249.04
4026695.31        0.00681
         259287.20    4026678.55        0.00698                   259325.36
4026661.79        0.00710
         259401.68    4026628.27        0.00721                   259146.84
4026938.04        0.00862
         259147.64    4026979.79        0.00956                   259148.44
4027021.55        0.01076
         259213.78    4026609.86        0.00574                   259251.10
4026593.47        0.00580
         259288.41    4026577.09        0.00588                   259325.72
4026560.70        0.00601
         259363.03    4026544.31        0.00601                   258968.46
4026864.80        0.00593
         258983.11    4026827.35        0.00548                   258997.76
4026789.90        0.00514
         259012.42    4026752.45        0.00500                   259027.07
4026715.00        0.00488
         259041.72    4026677.55        0.00478                   259056.37
4026640.10        0.00470
         259071.02    4026602.65        0.00464                   259104.09
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4026524.76        0.00501
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4026476.25        0.00507
         259325.01    4026460.08        0.00505                        259361.83
4026443.90        0.00507
         259398.65    4026427.73        0.00508                        258946.88
4026941.86        0.00728
         258947.68    4026983.61        0.00818                        258948.47
4027025.36        0.00919
         259070.77    4026470.81        0.00420                        259108.93
4026454.05        0.00433
         259147.09    4026437.29        0.00443                        259185.25
4026420.53        0.00448
         259223.41    4026403.76        0.00445                        259299.72
4026370.24        0.00443
         259337.88    4026353.48        0.00442                        259376.04
4026336.72        0.00441
         258754.01    4026905.64        0.00641                        258769.00
4026867.32        0.00587
         258783.99    4026829.01        0.00535                        258798.98
4026790.69        0.00489
         258813.97    4026752.38        0.00448                        258828.96
4026714.06        0.00415
         258843.95    4026675.75        0.00390                        258858.94
4026637.43        0.00372
         258873.93    4026599.12        0.00361                        258888.92
4026560.80        0.00353
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 223
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A  ***
                                 INCLUDING SOURCE(S):     PHASE3A     ,

                                           *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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         258548.25    4026416.97        0.00254                        258563.19
4026378.79        0.00243
         258578.13    4026340.61        0.00235                        258593.07
4026302.43        0.00229
         258608.00    4026264.25        0.00223                        258622.94
4026226.07        0.00220
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         258709.13    4026124.97        0.00227                        258746.66
4026108.48        0.00235
         258821.74    4026075.51        0.00253                        258859.28
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         258896.82    4026042.53        0.00269                        258934.36
4026026.04        0.00274
         258971.90    4026009.56        0.00277                        259009.43
4025993.07        0.00278
         258346.99    4026953.30        0.00458                        258347.79
4026995.05        0.00458
         258348.58    4027036.81        0.00465                        258154.17
4026916.97        0.00375
         258169.25    4026878.43        0.00382                        258184.33
4026839.88        0.00390
         258199.40    4026801.34        0.00398                        258214.48
4026762.80        0.00403
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 224
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A  ***
                                 INCLUDING SOURCE(S):     PHASE3A     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
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Y-COORD (M)        CONC
 - - -
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4026338.46        0.00252
         258197.21    4026299.65        0.00235                       258212.40
4026260.83        0.00219
         258227.58    4026222.02        0.00206                       258242.77
4026183.21        0.00197
         258257.95    4026144.40        0.00189                       258273.14
4026105.58        0.00183
         258288.32    4026066.77        0.00177                       258303.51
4026027.96        0.00172
         258318.69    4025989.14        0.00168                       258333.88
4025950.33        0.00165
         258349.06    4025911.52        0.00162                       258383.33
4025864.33        0.00160
         258421.49    4025847.57        0.00163                       258459.64
4025830.81        0.00167
         258497.80    4025814.05        0.00171                       258535.96
4025797.28        0.00177
         258574.12    4025780.52        0.00184                       258612.28
4025763.76        0.00191
         258650.44    4025747.00        0.00197                       258688.60
4025730.24        0.00203
         258726.76    4025713.48        0.00208                       258764.92
4025696.72        0.00211
         258803.07    4025679.96        0.00213                       258841.23
4025663.20        0.00214
         258879.39    4025646.44        0.00213                       258917.55
4025629.68        0.00212
         258955.71    4025612.92        0.00210                       258993.87
4025596.16        0.00208
         259032.03    4025579.40        0.00205                       259070.19
4025562.64        0.00202
         259108.35    4025545.88        0.00198                       259146.50
4025529.12        0.00196
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 225
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A  ***
                                  INCLUDING SOURCE(S):     PHASE3A     ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
259184.66	4025512.36	0.00193	259222.82	4025495.60	0.00192
259260.98	4025478.84	0.00190	259299.14	4025462.08	0.00189
259337.30	4025445.32	0.00189	259375.46	4025428.56	0.00189
257947.06	4026960.93	0.00345	257947.86	4027002.69	0.00365
257948.65	4027044.44	0.00388	259440.80	4026786.83	0.01072
259379.45	4026788.79	0.00972	259436.01	4026636.90	0.00761
259432.81	4026536.95	0.00627	259426.43	4026337.06	0.00452
259420.04	4026137.16	0.00349	259379.14	4026138.47	0.00344
259413.66	4025937.26	0.00281	259372.76	4025938.57	0.00278
259407.27	4025737.36	0.00235	259366.37	4025738.67	0.00233
259400.88	4025537.46	0.00204	259359.98	4025538.77	0.00201
259359.62	4026838.10	0.01050	259400.71	4026338.79	0.00447
259330.90	4027040.02	0.01667	259334.08	4027080.58	0.01933
259338.10	4026995.92	0.01486	259305.97	4027041.98	0.01572
259309.16	4027082.54	0.01818	259338.57	4026970.92	0.01387
259282.64	4027064.21	0.01597	259285.83	4027104.77	0.01861
259320.38	4026953.78	0.01270	259259.31	4027086.45	0.01634
259219.74	4027011.60	0.01185	259233.19	4026973.40	0.01100
259206.28	4027049.81	0.01293	259209.47	4027090.37	0.01490
259176.62	4026996.42	0.01049	259156.43	4027053.73	0.01202
259159.62	4027094.29	0.01383	259113.32	4027038.54	0.01081
259126.77	4027000.33	0.00981	259192.54	4026858.76	0.00799
259267.22	4026827.36	0.00869	259108.18		

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4027077.92        0.01220
         259111.37    4027118.48        0.01402                        259090.38
4026966.04        0.00853
         259103.84    4026927.84        0.00790                        259117.29
4026889.63        0.00739
         259130.75    4026851.43        0.00701                        259156.15
4026824.47        0.00706
         259212.16    4026800.92        0.00752                        259268.17
4026777.37        0.00798
         259058.33    4027081.84        0.01174                        259061.52
4027122.40        0.01336
         258963.78    4027050.29        0.00991                        258977.23
4027012.08        0.00899
         258990.69    4026973.88        0.00810                        259004.15
4026935.67        0.00729
         259031.06    4026859.26        0.00610                        259044.51
4026821.05        0.00576
         259057.97    4026782.85        0.00553                        259083.37
4026755.89        0.00556
         259176.72    4026716.64        0.00628                        259214.06
4026700.94        0.00652
         258958.64    4027089.67        0.01090                        258961.83
4027130.23        0.01194
         258884.27    4027000.81        0.00835                        258897.72
4026962.61        0.00761
         258911.18    4026924.40        0.00689                        258924.64
4026886.19        0.00624
         258938.09    4026847.99        0.00570                        258951.55
4026809.78        0.00522
         258965.01    4026771.58        0.00491                        258978.46
4026733.37        0.00470
         259010.59    4026687.32        0.00463                        259066.60
4026663.76        0.00491
         259103.94    4026648.06        0.00515                        259141.27
4026632.36        0.00537
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 226
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A  ***
                                 INCLUDING SOURCE(S):     PHASE3A     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
258857.36	4027077.22	0.00945	258860.54	4027117.78	0.00996
258764.39	4027065.95	0.00819	258777.85	4027027.75	0.00798
258791.30	4026989.54	0.00767	258804.76	4026951.34	0.00720
258818.22	4026913.13	0.00661	258831.67	4026874.92	0.00600
258845.13	4026836.72	0.00546	258858.59	4026798.51	0.00499
258872.04	4026760.31	0.00460	258885.50	4026722.10	0.00431
258898.95	4026683.90	0.00410	258912.41	4026645.69	0.00396
258937.81	4026618.74	0.00395	259012.49	4026587.33	0.00421
259049.83	4026571.63	0.00438	258759.26	4027105.34	0.00829
258762.44	4027145.90	0.00847	258684.88	4027016.48	0.00712
258698.34	4026978.27	0.00701	258711.80	4026940.07	0.00673
258725.25	4026901.86	0.00631	258738.71	4026863.65	0.00581
258752.16	4026825.45	0.00532	258765.62	4026787.24	0.00485
258779.08	4026749.04	0.00445	258792.53	4026710.83	0.00410
258805.99	4026672.63	0.00383	258819.45	4026634.42	0.00362
258832.90	4026596.21	0.00348	258865.03	4026550.16	0.00341
258939.71	4026518.75	0.00363	258977.05	4026503.05	0.00378
258657.97	4027092.89	0.00697	258661.16	4027133.45	0.00711
258465.31	4027089.45	0.00541	258485.50	4027032.14	0.00538
258498.95	4026993.94	0.00549	258512.41	4026955.73	0.00558
258525.87	4026917.52	0.00561	258539.32	4026879.32	0.00552
258552.78	4026841.11	0.00533	258566.24		

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4026802.91        0.00505
         258579.69    4026764.70        0.00473                        258593.15
4026726.50        0.00438
         258606.60    4026688.29        0.00404                        258620.06
4026650.09        0.00372
         258633.52    4026611.88        0.00343                        258646.97
4026573.67        0.00320
         258660.43    4026535.47        0.00300                        258673.89
4026497.26        0.00286
         258687.34    4026459.06        0.00275                        258719.47
4026413.00        0.00268
         258775.48    4026389.45        0.00275                        258812.82
4026373.75        0.00283
         258850.15    4026358.04        0.00293                        258924.83
4026326.64        0.00318
         258962.17    4026310.94        0.00330                        258999.51
4026295.24        0.00341
         259036.85    4026279.54        0.00350                        259074.19
4026263.84        0.00356
         259167.54    4026224.58        0.00360                        259204.87
4026208.88        0.00358
         259242.21    4026193.18        0.00355                        259279.55
4026177.48        0.00348
         259316.89    4026161.77        0.00344                        259354.23
4026146.07        0.00344
         258460.18    4027128.83        0.00564                        258463.36
4027169.39        0.00602
         258265.93    4027105.12        0.00479                        258279.38
4027066.91        0.00456
         258292.84    4027028.70        0.00443                        258306.30
4026990.50        0.00439
         258319.75    4026952.29        0.00443                        258339.94
4026894.98        0.00458
         258353.39    4026856.78        0.00464                        258366.85
4026818.57        0.00463
         258380.31    4026780.37        0.00459                        258393.76
4026742.16        0.00447
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 227
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A  ***
                                  INCLUDING SOURCE(S):     PHASE3A     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
```

***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
258407.22	4026703.96	0.00427	258420.67	4026665.75	0.00403
258434.13	4026627.54	0.00376	258447.59	4026589.34	0.00349
258461.04	4026551.13	0.00323	258474.50	4026512.93	0.00300
258487.96	4026474.72	0.00279	258501.41	4026436.52	0.00262
258514.87	4026398.31	0.00248	258528.33	4026360.11	0.00238
258541.78	4026321.90	0.00229	258573.91	4026275.84	0.00222
258629.92	4026252.29	0.00225	258667.25	4026236.59	0.00229
258704.59	4026220.89	0.00234	258779.27	4026189.48	0.00250
258816.61	4026173.78	0.00260	258853.95	4026158.08	0.00271
258891.29	4026142.38	0.00281	258928.63	4026126.68	0.00290
259021.98	4026087.42	0.00300	259059.31	4026071.72	0.00301
259096.65	4026056.02	0.00300	259133.99	4026040.32	0.00298
259171.33	4026024.62	0.00295	259208.67	4026008.92	0.00291
259246.01	4025993.21	0.00287	259283.35	4025977.51	0.00284
259320.69	4025961.81	0.00281	258260.79	4027144.50	0.00513
258263.98	4027185.06	0.00551	258066.54	4027120.78	0.00455
258080.00	4027082.57	0.00429	258093.45	4027044.37	0.00406
258106.91	4027006.16	0.00387	258120.37	4026967.96	0.00374
258133.82	4026929.75	0.00369	258147.28	4026891.55	0.00373
258160.74	4026853.34	0.00380	258174.19	4026815.14	0.00388
258187.65	4026776.93	0.00393	258201.10		

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4026738.72        0.00397
         258214.56    4026700.52        0.00395                        258228.02
4026662.31        0.00386
         258241.47    4026624.11        0.00375                        258254.93
4026585.90        0.00359
         258268.39    4026547.70        0.00341                        258281.84
4026509.49        0.00320
         258295.30    4026471.28        0.00299                        258308.76
4026433.08        0.00279
         258322.21    4026394.87        0.00259                        258335.67
4026356.67        0.00243
         258349.12    4026318.46        0.00229                        258362.58
4026280.26        0.00217
         258376.04    4026242.05        0.00208                        258389.49
4026203.84        0.00201
         258402.95    4026165.64        0.00195                        258428.35
4026138.69        0.00191
         258503.02    4026107.28        0.00192                        258540.36
4026091.58        0.00194
         258577.70    4026075.88        0.00197                        258615.04
4026060.18        0.00202
         258652.38    4026044.48        0.00209                        258689.72
4026028.77        0.00217
         258727.06    4026013.07        0.00225                        258764.40
4025997.37        0.00234
         258801.74    4025981.67        0.00241                        258876.41
4025950.27        0.00252
         258913.75    4025934.56        0.00256                        258951.09
4025918.86        0.00259
         258988.43    4025903.16        0.00259                        259025.77
4025887.46        0.00258
         259063.11    4025871.76        0.00256                        259100.45
4025856.06        0.00253
         259137.79    4025840.35        0.00250                        259175.13
4025824.65        0.00246
         259212.47    4025808.95        0.00243                        259249.80
4025793.25        0.00240
         259287.14    4025777.55        0.00237                        259324.48
4025761.85        0.00235
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 228
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A  ***
                                INCLUDING SOURCE(S):     PHASE3A     ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
258061.41	4027160.16	0.00481	258064.59	4027200.72	0.00510
257867.16	4027136.45	0.00429	257880.61	4027098.24	0.00410
257894.07	4027060.03	0.00391	257907.53	4027021.83	0.00371
257920.98	4026983.62	0.00353	258008.45	4026735.29	0.00338
258021.90	4026697.08	0.00344	258035.36	4026658.87	0.00347
258048.82	4026620.67	0.00347	258062.27	4026582.46	0.00343
258075.73	4026544.26	0.00335	258089.19	4026506.05	0.00324
258102.64	4026467.85	0.00310	258116.10	4026429.64	0.00295
258129.55	4026391.44	0.00279	258143.01	4026353.23	0.00262
258156.47	4026315.02	0.00245	258169.92	4026276.82	0.00229
258183.38	4026238.61	0.00214	258196.84	4026200.41	0.00202
258210.29	4026162.20	0.00194	258223.75	4026124.00	0.00186
258237.20	4026085.79	0.00180	258250.66	4026047.58	0.00174
258282.79	4026001.53	0.00169	258338.79	4025977.98	0.00168
258376.13	4025962.27	0.00168	258413.47	4025946.57	0.00169
258450.81	4025930.87	0.00171	258488.15	4025915.17	0.00174
258525.49	4025899.47	0.00179	258562.83	4025883.77	0.00185
258600.17	4025868.06	0.00192	258637.51	4025852.36	0.00199
258674.85	4025836.66	0.00206	258712.18	4025820.96	0.00212
258749.52	4025805.26	0.00218	258786.86		

4025789.56   0.00222
         258824.20   4025773.85   0.00226   258861.54
4025758.15   0.00228
         258898.88   4025742.45   0.00228   258936.22
4025726.75   0.00227
         258973.56   4025711.05   0.00225   259010.90
4025695.35   0.00223
         259048.24   4025679.64   0.00220   259085.57
4025663.94   0.00217
         259122.91   4025648.24   0.00214   259160.25
4025632.54   0.00211
         259197.59   4025616.84   0.00209   259234.93
4025601.14   0.00207
         259272.27   4025585.44   0.00205   259309.61
4025569.73   0.00204
         257862.02   4027175.83   0.00453   257865.21
4027216.39   0.00473
         259335.94   4027123.45   0.02300   259336.28
4027147.64   0.02562
         259336.62   4027171.84   0.02879   259336.96
4027196.03   0.03265
         259337.30   4027220.23   0.03738   259337.64
4027244.43   0.04322
         259337.98   4027268.62   0.05052   259310.94
4027123.80   0.02143
         259311.28   4027147.99   0.02380   259311.62
4027172.19   0.02664
         259311.96   4027196.39   0.03007   259312.30
4027220.58   0.03417
         259312.64   4027244.78   0.03909   259312.98
4027268.97   0.04503
         259286.29   4027148.35   0.02225   259286.63
4027172.54   0.02482
         259286.97   4027196.74   0.02785   259287.31
4027220.93   0.03141
         259287.65   4027245.13   0.03556   259287.99
4027269.32   0.04041
         259260.95   4027124.50   0.01892   259261.29
4027148.70   0.02090
         259261.63   4027172.89   0.02320   259261.97
4027197.09   0.02588

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION

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VALUES FOR SOURCE GROUP: PHASE3A  ***
                                  INCLUDING SOURCE(S):     PHASE3A     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         259262.31    4027221.28        0.02896                      259262.65
4027245.48        0.03247
         259262.99    4027269.68        0.03647                      259210.95
4027125.20        0.01696
         259211.29    4027149.40        0.01863                      259211.63
4027173.59        0.02051
         259211.97    4027197.79        0.02264                      259212.31
4027221.99        0.02499
         259212.65    4027246.18        0.02758                      259212.99
4027270.38        0.03048
         259160.96    4027125.91        0.01549                      259161.30
4027150.10        0.01692
         259161.64    4027174.30        0.01851                      259161.98
4027198.49        0.02021
         259162.32    4027222.69        0.02203                      259162.66
4027246.88        0.02395
         259163.00    4027271.08        0.02599                      259111.30
4027150.80        0.01561
         259111.64    4027175.00        0.01691                      259111.98
4027199.20        0.01826
         259112.32    4027223.39        0.01960                      259112.66
4027247.59        0.02095
         259113.00    4027271.78        0.02227                      259061.31
4027151.51        0.01454
         259061.65    4027175.70        0.01553                      259061.99
4027199.90        0.01649
         259062.33    4027224.09        0.01740                      259062.67
4027248.29        0.01826
         259063.01    4027272.49        0.01910                      258961.32
4027152.91        0.01240
         258961.66    4027177.11        0.01284                      258962.00
4027201.30        0.01323
         258962.34    4027225.50        0.01360                      258962.68
4027249.69        0.01400
         258963.02    4027273.89        0.01451                      258861.33
4027154.32        0.01025
         258861.67    4027178.51        0.01041                      258862.01
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4027202.71        0.01060
         258862.35    4027226.90        0.01088                        258862.69
4027251.10        0.01125
         258863.03    4027275.30        0.01175                        258761.68
4027179.92        0.00862
         258762.02    4027204.11        0.00884                        258762.36
4027228.31        0.00916
         258762.70    4027252.50        0.00956                        258763.04
4027276.70        0.01006
         258661.35    4027157.13        0.00723                        258661.69
4027181.32        0.00744
         258662.03    4027205.52        0.00772                        258662.37
4027229.71        0.00807
         258662.71    4027253.91        0.00850                        258663.05
4027278.11        0.00894
         258462.05    4027208.33        0.00645                        258462.39
4027232.52        0.00674
         258462.73    4027256.72        0.00706                        258463.07
4027280.92        0.00737
         258262.07    4027211.14        0.00574                        258262.41
4027235.33        0.00595
         258262.75    4027259.53        0.00615                        258263.09
4027283.73        0.00636
         258062.43    4027238.14        0.00532                        258062.77
4027262.34        0.00543
         258063.11    4027286.54        0.00550                        257862.45
4027240.95        0.00481
         257862.79    4027265.15        0.00489                        257863.13
4027289.35        0.00491
         259338.18    4027292.34        0.05968                        259338.38
4027316.19        0.07178
         259338.58    4027340.05        0.08831                        259313.18
4027292.55        0.05216
         259313.38    4027316.40        0.06118                        259313.58
4027340.26        0.07283
         259288.18    4027292.76        0.04592                        259288.38
4027316.61        0.05285
         259288.58    4027340.47        0.06169                        259263.18
4027292.96        0.04092
         259263.38    4027316.82        0.04640                        259263.58
4027340.68        0.05321
         259213.19    4027293.38        0.03355                        259213.39
4027317.24        0.03709
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3A ***

INCLUDING SOURCE(S): PHASE3A ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
259213.59	4027341.10	0.04092	259163.19	4027293.80	0.02799
259163.39	4027317.66	0.03016	259163.59	4027341.52	0.03239
259113.19	4027294.22	0.02348	259113.39	4027318.08	0.02482
259113.59	4027341.94	0.02633	259063.39	4027318.50	0.02087
259063.59	4027342.35	0.02205	258963.39	4027319.34	0.01572
258963.59	4027343.19	0.01658	258863.40	4027320.17	0.01291
258863.60	4027344.03	0.01351	258763.40	4027321.01	0.01101
258763.60	4027344.87	0.01147	258663.40	4027321.85	0.00967
258663.60	4027345.71	0.01000	258463.41	4027323.53	0.00782
258463.61	4027347.38	0.00796	258263.42	4027325.20	0.00661
258263.62	4027349.06	0.00665	258063.43	4027326.88	0.00556
258063.63	4027350.74	0.00554	257863.43	4027328.56	0.00488
257863.63	4027352.41	0.00485	259339.22	4027365.21	0.11490
259339.86	4027389.95	0.15897	259340.50	4027414.68	0.23542
259341.13	4027439.41	0.32487	259341.77	4027464.14	0.37713
259342.40	4027488.87	0.37905	259343.04	4027513.60	0.33187
259343.68	4027538.33	0.26050	259344.31	4027563.06	0.20378
259344.95	4027587.80	0.16520	259345.58		

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4027612.53        0.13831
         259346.22    4027637.26        0.12019                       259346.86
4027661.99        0.10772
         259347.49    4027686.72        0.09875                       259348.13
4027711.45        0.09050
         259314.23    4027365.86        0.09034                       259314.87
4027390.59        0.11551
         259315.50    4027415.32        0.14832                       259316.14
4027440.05        0.18247
         259316.78    4027464.78        0.20644                       259317.41
4027489.51        0.21329
         259318.05    4027514.24        0.20060                       259318.68
4027538.98        0.17792
         259319.32    4027563.71        0.15416                       259319.96
4027588.44        0.13414
         259320.59    4027613.17        0.11824                       259321.23
4027637.90        0.10489
         259321.86    4027662.63        0.09513                       259322.50
4027687.36        0.08816
         259323.14    4027712.10        0.08150                       259289.24
4027366.50        0.07420
         259289.88    4027391.23        0.08910                       259290.51
4027415.96        0.10627
         259291.15    4027440.69        0.12286                       259291.78
4027465.42        0.13580
         259292.42    4027490.16        0.14146                       259293.06
4027514.89        0.13740
         259293.69    4027539.62        0.12915                       259294.33
4027564.35        0.11961
         259294.96    4027589.08        0.10888                       259295.60
4027613.81        0.09928
         259296.24    4027638.54        0.09025                       259296.87
4027663.28        0.08302
         259297.51    4027688.01        0.07754                       259298.14
4027712.74        0.07308
         259264.25    4027367.14        0.06217                       259264.89
4027391.87        0.07172
         259265.52    4027416.60        0.08178                       259266.16
4027441.34        0.09108
         259266.79    4027466.07        0.09899                       259267.43
4027490.80        0.10351
         259268.07    4027515.53        0.10270                       259268.70
4027540.26        0.09941
         259269.34    4027564.99        0.09461                       259269.97
4027589.72        0.08876
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3A ***
INCLUDING SOURCE(S): PHASE3A ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
259270.61	4027614.46	0.08302	259271.25	4027639.19	0.07745
259271.88	4027663.92	0.07251	259272.52	4027688.65	0.06835
259273.15	4027713.38	0.06488	259214.27	4027368.43	0.04570
259214.90	4027393.16	0.05025	259215.54	4027417.89	0.05458
259216.17	4027442.62	0.05855	259216.81	4027467.35	0.06240
259217.45	4027492.08	0.06536	259218.08	4027516.82	0.06695
259218.72	4027541.55	0.06613	259219.35	4027566.28	0.06412
259219.99	4027591.01	0.06171	259220.63	4027615.74	0.05986
259221.26	4027640.47	0.05776	259221.90	4027665.20	0.05558
259222.53	4027689.93	0.05356	259223.17	4027714.67	0.05180
259164.28	4027369.71	0.03530	259164.92	4027394.44	0.03796
259165.55	4027419.18	0.04046	259166.19	4027443.91	0.04276
259166.83	4027468.64	0.04489	259167.46	4027493.37	0.04665
259168.10	4027518.10	0.04744	259168.73	4027542.83	0.04791
259169.37	4027567.56	0.04779	259170.01	4027592.29	0.04683
259170.64	4027617.03	0.04618	259171.28	4027641.76	0.04540
259171.91	4027666.49	0.04440	259172.55		

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4027691.22        0.04334
         259173.19    4027715.95        0.04226                       259114.30
4027371.00        0.02843
         259114.93    4027395.73        0.03024                       259115.57
4027420.46        0.03166
         259116.21    4027445.19        0.03290                       259116.84
4027469.92        0.03426
         259117.48    4027494.65        0.03547                       259118.11
4027519.39        0.03680
         259118.75    4027544.12        0.03788                       259119.39
4027568.85        0.03829
         259120.02    4027593.58        0.03794                       259120.66
4027618.31        0.03747
         259121.29    4027643.04        0.03698                       259121.93
4027667.77        0.03640
         259122.57    4027692.51        0.03570                       259123.20
4027717.24        0.03497
         259064.32    4027372.28        0.02373                       259064.95
4027397.02        0.02506
         259065.59    4027421.75        0.02588                       259066.22
4027446.48        0.02671
         259066.86    4027471.21        0.02776                       259067.50
4027495.94        0.02908
         259068.13    4027520.67        0.02999                       259068.77
4027545.40        0.03070
         259069.40    4027570.13        0.03109                       259070.04
4027594.87        0.03112
         259070.68    4027619.60        0.03099                       259071.31
4027644.33        0.03072
         259071.95    4027669.06        0.03041                       259072.58
4027693.79        0.02993
         259073.22    4027718.52        0.02949                       258964.35
4027374.85        0.01768
         258964.98    4027399.59        0.01834                       258965.62
4027424.32        0.01899
         258966.26    4027449.05        0.01969                       258966.89
4027473.78        0.02016
         258967.53    4027498.51        0.02071                       258968.16
4027523.24        0.02131
         258968.80    4027547.97        0.02180                       258969.44
4027572.71        0.02212
         258970.07    4027597.44        0.02221                       258970.71
4027622.17        0.02221
         258971.34    4027646.90        0.02225                       258971.98
4027671.63        0.02238
         258972.62    4027696.36        0.02238                       258973.25
4027721.09        0.02229
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3A ***
INCLUDING SOURCE(S): PHASE3A ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
258864.38	4027377.43	0.01422	258865.02	4027402.16	0.01461
258865.65	4027426.89	0.01496	258866.29	4027451.62	0.01527
258866.93	4027476.35	0.01559	258867.56	4027501.08	0.01600
258868.20	4027525.81	0.01626	258868.83	4027550.54	0.01662
258869.47	4027575.28	0.01692	258870.11	4027600.01	0.01708
258870.74	4027624.74	0.01722	258871.38	4027649.47	0.01734
258872.01	4027674.20	0.01745	258872.65	4027698.93	0.01753
258873.29	4027723.66	0.01754	258764.41	4027380.00	0.01203
258765.05	4027404.73	0.01230	258765.69	4027429.46	0.01247
258766.32	4027454.19	0.01262	258766.96	4027478.92	0.01279
258767.59	4027503.65	0.01293	258768.23	4027528.38	0.01315
258768.87	4027553.12	0.01339	258769.50	4027577.85	0.01357
258770.14	4027602.58	0.01374	258770.77	4027627.31	0.01387
258771.41	4027652.04	0.01402	258772.05	4027676.77	0.01419
258772.68	4027701.50	0.01426	258773.32	4027726.23	0.01432
258664.45	4027382.57	0.01036	258665.08		

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4027407.30        0.01046
         258665.72    4027432.03        0.01053                    258666.36
4027456.76        0.01060
         258666.99    4027481.49        0.01071                    258667.63
4027506.22        0.01087
         258668.26    4027530.95        0.01105                    258668.90
4027555.69        0.01112
         258669.54    4027580.42        0.01122                    258670.17
4027605.15        0.01137
         258670.81    4027629.88        0.01158                    258671.44
4027654.61        0.01170
         258672.08    4027679.34        0.01186                    258672.72
4027704.07        0.01204
         258673.35    4027728.81        0.01220                    258464.51
4027387.71        0.00807
         258465.15    4027412.44        0.00808                    258465.79
4027437.17        0.00804
         258466.42    4027461.90        0.00801                    258467.06
4027486.63        0.00804
         258467.69    4027511.37        0.00810                    258468.33
4027536.10        0.00818
         258468.97    4027560.83        0.00827                    258469.60
4027585.56        0.00836
         258470.24    4027610.29        0.00848                    258470.87
4027635.02        0.00861
         258471.51    4027659.75        0.00875                    258472.15
4027684.48        0.00890
         258472.78    4027709.22        0.00906                    258473.42
4027733.95        0.00919
         258264.58    4027392.85        0.00663                    258265.22
4027417.58        0.00654
         258265.85    4027442.31        0.00645                    258266.49
4027467.04        0.00640
         258267.12    4027491.78        0.00639                    258267.76
4027516.51        0.00640
         258268.40    4027541.24        0.00643                    258269.03
4027565.97        0.00650
         258269.67    4027590.70        0.00661                    258270.30
4027615.43        0.00674
         258270.94    4027640.16        0.00684                    258271.58
4027664.89        0.00697
         258272.21    4027689.63        0.00710                    258272.85
4027714.36        0.00723
         258273.48    4027739.09        0.00733                    258064.01
4027373.26        0.00552
         258064.65    4027397.99        0.00547                    258065.28
4027422.72        0.00541
         258065.92    4027447.45        0.00537                    258066.55
4027472.19        0.00534
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A ***
                                   INCLUDING SOURCE(S):   PHASE3A   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         258067.19   4027496.92   0.00534   258067.83
4027521.65   0.00535
         258068.46   4027546.38   0.00539   258069.10
4027571.11   0.00543
         258069.73   4027595.84   0.00550   258070.37
4027620.57   0.00558
         258071.01   4027645.30   0.00568   258071.64
4027670.04   0.00581
         258072.28   4027694.77   0.00594   258072.91
4027719.50   0.00606
         258073.55   4027744.23   0.00615   257864.08
4027378.40   0.00479
         257864.71   4027403.13   0.00473   257865.35
4027427.86   0.00465
         257865.98   4027452.60   0.00459   257866.62
4027477.33   0.00454
         257867.26   4027502.06   0.00452   257867.89
4027526.79   0.00456
         257868.53   4027551.52   0.00460   257869.16
4027576.25   0.00465
         257869.80   4027600.98   0.00471   257870.44
4027625.72   0.00480
         257871.07   4027650.45   0.00489   257871.71
4027675.18   0.00497
         257872.34   4027699.91   0.00507   257872.98
4027724.64   0.00518
         257873.62   4027749.37   0.00528   259373.56
4027735.81   0.09192
         259396.16   4027735.41   0.10042   259418.75

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4027735.01        0.10995
         259441.35    4027734.61        0.12090                   259463.95
4027734.22        0.13366
         259486.54    4027733.82        0.14902                   259509.14
4027733.42        0.16874
         259531.74    4027733.02        0.19617                   259554.33
4027732.62        0.23649
         259576.93    4027732.23        0.29412                   259356.27
4027753.86        0.08105
         259396.60    4027760.40        0.09205                   259419.19
4027760.01        0.10046
         259441.79    4027759.61        0.11000                   259464.39
4027759.21        0.12113
         259486.98    4027758.81        0.13434                   259509.58
4027758.42        0.15080
         259532.18    4027758.02        0.17253                   259554.77
4027757.62        0.20221
         259577.37    4027757.22        0.24007                   259356.71
4027778.86        0.07471
         259313.55    4027747.57        0.07048                   259397.04
4027785.40        0.08438
         259419.63    4027785.00        0.09172                   259442.23
4027784.61        0.10001
         259464.83    4027784.21        0.10954                   259487.42
4027783.81        0.12063
         259510.02    4027783.41        0.13398                   259532.62
4027783.01        0.15071
         259555.21    4027782.62        0.17220                   259577.81
4027782.22        0.19716
         259357.15    4027803.85        0.06904                   259321.69
4027789.98        0.06411
         259296.26    4027765.62        0.06280                   259397.48
4027810.40        0.07745
         259420.07    4027810.00        0.08383                   259442.67
4027809.60        0.09098
         259465.27    4027809.20        0.09913                   259487.86
4027808.81        0.10840
         259510.46    4027808.41        0.11909                   259533.06
4027808.01        0.13166
         259555.65    4027807.61        0.14692                   259578.25
4027807.21        0.16419
         259358.03    4027853.85        0.05936                   259322.57
4027839.97        0.05564
         259287.11    4027826.09        0.05166                   259261.67
4027801.73        0.05053
         259246.27    4027766.91        0.05192                   259398.36
4027860.39        0.06565
         259420.95    4027859.99        0.07048                   259443.55
4027859.59        0.07583
         259466.15    4027859.20        0.08171                   259488.74
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3A ***
                                   INCLUDING SOURCE(S):   PHASE3A   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                            ** CONC OF OTHER   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
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4027960.37        0.04847
         259422.71    4027959.98        0.05122                   259445.31
4027959.58        0.05410
         259467.91    4027959.18        0.05710                   259490.50
4027958.78        0.06016
         259513.10    4027958.38        0.06320                   259535.70
4027957.99        0.06608
         259558.29    4027957.59        0.06869                   259580.89
4027957.19        0.07093
         259359.06    4028003.19        0.03943                   259320.37
4027988.05        0.03762
         259281.69    4027972.91        0.03576                   259243.00
4027957.77        0.03377
         259204.32    4027942.63        0.03171                   259157.23
4027908.49        0.03002
         259140.43    4027870.50        0.03060                   259123.63
4027832.50        0.03099
         259106.82    4027794.51        0.03110                   259090.02
4027756.52        0.03036
         259401.00    4028010.37        0.04219                   259423.59
4028009.97        0.04412
         259446.19    4028009.57        0.04623                   259468.79
4028009.17        0.04836
         259491.38    4028008.77        0.05045                   259513.98
4028008.38        0.05241
         259536.58    4028007.98        0.05428                   259559.17
4028007.58        0.05577
         259581.77    4028007.18        0.05698                   259359.90
4028102.82        0.03101
         259319.37    4028086.95        0.03000                   259278.84
4028071.09        0.02900
         259238.31    4028055.23        0.02766                   259197.79
4028039.37        0.02614
         259157.26    4028023.50        0.02472                   259116.73
4028007.64        0.02326
         259087.67    4027979.81        0.02287                   259070.06
4027940.01        0.02339
         259052.46    4027900.20        0.02373                   259034.86
4027860.40        0.02379
         259017.26    4027820.60        0.02347                   258999.66
4027780.80        0.02299
         259402.76    4028110.35        0.03253                   259425.35
4028109.95        0.03365
         259447.95    4028109.55        0.03474                   259470.55
4028109.16        0.03575
         259493.14    4028108.76        0.03668                   259515.74
4028108.36        0.03747
         259538.34    4028107.96        0.03811                   259560.93
4028107.57        0.03859
         259583.53    4028107.17        0.03885                   259361.06
```

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A ***
                                  INCLUDING SOURCE(S):   PHASE3A   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         259235.90   4028153.58   0.02312   259194.18
4028137.25   0.02215
         259152.46   4028120.92   0.02108   259110.74
4028104.59   0.02000
         259069.02   4028088.27   0.01896   259018.25
4028051.45   0.01825
         259000.13   4028010.48   0.01866   258982.01
4027969.50   0.01893
         258963.89   4027928.53   0.01899   258945.77
4027887.56   0.01869
         258927.65   4027846.58   0.01848   258909.53
4027805.61   0.01830
         258891.41   4027764.64   0.01804   259404.52
4028210.33   0.02556
         259427.11   4028209.94   0.02614   259449.71
4028209.54   0.02667
         259472.31   4028209.14   0.02716   259494.90
4028208.74   0.02745
         259517.50   4028208.35   0.02774   259540.10
4028207.95   0.02802
         259562.69   4028207.55   0.02813   259585.29
4028207.15   0.02799
         259363.42   4028302.79   0.02014   259322.89
4028286.92   0.02010
         259282.36   4028271.06   0.01992   259241.83

```
4028255.20        0.01963
         259201.31    4028239.34        0.01919                   259160.78
4028223.47        0.01863
         259120.25    4028207.61        0.01788                   259079.72
4028191.75        0.01703
         259039.20    4028175.89        0.01620                   258998.67
4028160.02        0.01548
         258949.34    4028124.26        0.01507                   258931.74
4028084.46        0.01536
         258914.14    4028044.66        0.01555                   258896.53
4028004.85        0.01564
         258878.93    4027965.05        0.01557                   258861.33
4027925.25        0.01550
         258843.73    4027885.45        0.01551                   258826.13
4027845.64        0.01537
         258808.52    4027805.84        0.01524                   258790.92
4027766.04        0.01481
         259406.28    4028310.32        0.02046                   259428.87
4028309.92        0.02081
         259451.47    4028309.52        0.02114                   259474.07
4028309.13        0.02143
         259496.66    4028308.73        0.02168                   259519.26
4028308.33        0.02183
         259541.86    4028307.93        0.02186                   259564.45
4028307.53        0.02174
         259587.05    4028307.14        0.02158                   259364.75
4028402.61        0.01671
         259323.38    4028386.41        0.01672                   259282.01
4028370.22        0.01669
         259240.64    4028354.03        0.01661                   259199.27
4028337.83        0.01648
         259157.90    4028321.64        0.01617                   259116.52
4028305.45        0.01580
         259075.15    4028289.26        0.01524                   259033.78
4028273.06        0.01453
         258992.41    4028256.87        0.01384                   258951.04
4028240.68        0.01326
         258909.67    4028224.48        0.01283                   258880.00
4028196.07        0.01277
         258862.03    4028155.44        0.01300                   258844.06
4028114.81        0.01318
         258826.09    4028074.18        0.01322                   258808.12
4028033.54        0.01316
         258790.15    4027992.91        0.01317                   258772.18
4027952.28        0.01315
         258754.21    4027911.65        0.01308                   258736.24
4027871.02        0.01303
         258718.27    4027830.39        0.01288                   258700.30
4027789.75        0.01266
         259408.04    4028410.30        0.01693                   259430.63
```

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3A ***
INCLUDING SOURCE(S): PHASE3A ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
259543.62	4028407.92	0.01777	259566.21	4028407.52	0.01773
259588.81	4028407.12	0.01740	259368.37	4028602.61	0.01244
259327.19	4028586.49	0.01238	259286.01	4028570.37	0.01237
259244.83	4028554.26	0.01232	259203.65	4028538.14	0.01226
259162.46	4028522.02	0.01221	259121.28	4028505.90	0.01217
259080.10	4028489.78	0.01203	259038.92	4028473.67	0.01203
258997.74	4028457.55	0.01180	258956.56	4028441.43	0.01147
258915.38	4028425.31	0.01103	258874.20	4028409.19	0.01057
258833.02	4028393.07	0.01019	258791.83	4028376.96	0.00990
258741.71	4028340.62	0.00975	258723.82	4028300.17	0.00990
258705.94	4028259.73	0.00999	258688.05	4028219.28	0.00999
258670.17	4028178.84	0.00995	258652.28		

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4028138.39        0.00997
         258634.39    4028097.95        0.00999                   258616.51
4028057.50        0.01004
         258598.62    4028017.06        0.01014                   258580.73
4027976.61        0.01016
         258562.85    4027936.17        0.01010                   258544.96
4027895.73        0.01002
         258527.08    4027855.28        0.00990                   258509.19
4027814.84        0.00973
         258491.30    4027774.39        0.00951                   259411.56
4028610.27        0.01250
         259434.15    4028609.88        0.01258                   259456.75
4028609.48        0.01260
         259479.35    4028609.08        0.01261                   259501.94
4028608.68        0.01258
         259524.54    4028608.28        0.01252                   259547.14
4028607.89        0.01244
         259569.73    4028607.49        0.01235                   259592.33
4028607.09        0.01225
         259371.95    4028802.60        0.00977                   259330.89
4028786.53        0.00986
         259289.83    4028770.46        0.00988                   259248.77
4028754.39        0.00986
         259207.71    4028738.32        0.00980                   259166.65
4028722.25        0.00968
         259125.59    4028706.18        0.00957                   259084.53
4028690.11        0.00951
         259043.47    4028674.04        0.00947                   259002.40
4028657.96        0.00950
         258961.34    4028641.89        0.00952                   258920.28
4028625.82        0.00947
         258879.22    4028609.75        0.00934                   258838.16
4028593.68        0.00912
         258797.10    4028577.61        0.00884                   258756.04
4028561.54        0.00854
         258714.98    4028545.47        0.00828                   258673.92
4028529.39        0.00807
         258632.86    4028513.32        0.00788                   258603.41
4028485.13        0.00782
         258585.58    4028444.80        0.00788                   258567.74
4028404.47        0.00795
         258549.91    4028364.15        0.00796                   258532.08
4028323.82        0.00796
         258514.24    4028283.49        0.00797                   258496.41
4028243.17        0.00800
         258478.57    4028202.84        0.00804                   258460.74
4028162.51        0.00809
         258442.91    4028122.19        0.00816                   258425.07
4028081.86        0.00820
         258407.24    4028041.54        0.00821                   258389.40
```

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A ***
                                  INCLUDING SOURCE(S):   PHASE3A   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

```
4028871.18        0.00780
         259018.82    4028862.98        0.00775                   258997.87
4028854.78        0.00772
         258976.91    4028846.58        0.00768                   258935.00
4028830.17        0.00767
         258914.05    4028821.97        0.00770                   258893.09
4028813.77        0.00773
         258872.14    4028805.57        0.00775                   258851.18
4028797.37        0.00777
         258809.27    4028780.96        0.00778                   258788.32
4028772.76        0.00776
         258767.37    4028764.56        0.00772                   258746.41
4028756.36        0.00766
         258704.50    4028739.96        0.00751                   258683.55
4028731.75        0.00742
         258662.59    4028723.55        0.00732                   258641.64
4028715.35        0.00721
         258599.73    4028698.95        0.00701                   258578.77
4028690.75        0.00692
         258557.82    4028682.55        0.00682                   258536.87
4028674.34        0.00672
         258494.96    4028657.94        0.00658                   258464.90
4028629.16        0.00653
         258455.80    4028608.58        0.00654                   258437.60
4028567.42        0.00657
         258428.50    4028546.84        0.00658                   258410.29
4028505.68        0.00661
         258401.19    4028485.10        0.00661                   258382.99
4028443.94        0.00662
         258373.89    4028423.36        0.00662                   258355.69
4028382.20        0.00664
         258346.59    4028361.62        0.00666                   258328.38
4028320.46        0.00671
         258310.18    4028279.30        0.00677                   258291.98
4028238.14        0.00683
         258282.88    4028217.56        0.00686                   258264.67
4028176.40        0.00688
         258255.57    4028155.83        0.00690                   258237.37
4028114.67        0.00691
         258228.27    4028094.09        0.00691                   258210.07
4028052.93        0.00688
         258200.97    4028032.35        0.00686                   258182.76
4027991.19        0.00680
         258173.66    4027970.61        0.00677                   258155.46
4027929.45        0.00671
         258146.36    4027908.87        0.00669                   258128.16
4027867.71        0.00664
         258109.95    4027826.55        0.00652                   258091.75
4027785.39        0.00636
         259418.60    4029010.21        0.00773                   259441.19
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4029009.81        0.00768
         259463.79    4029009.42        0.00765                       259486.39
4029009.02        0.00761
         259508.98    4029008.62        0.00757                       259531.58
4029008.22        0.00751
         259554.18    4029007.82        0.00745                       259576.77
4029007.43        0.00739
         259599.37    4029007.03        0.00734                       259378.66
4029202.41        0.00655
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 238
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A  ***
                                  INCLUDING SOURCE(S):     PHASE3A     ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         259336.94    4029186.08        0.00669                       259295.22
4029169.76        0.00683
         259253.50    4029153.43        0.00693                       259211.78
4029137.10        0.00702
         259170.06    4029120.77        0.00704                       259128.34
4029104.44        0.00703
         259086.63    4029088.11        0.00698                       259044.91
4029071.78        0.00688
         259003.19    4029055.45        0.00675                       258961.47
4029039.12        0.00659
         258919.75    4029022.79        0.00647                       258878.03
4029006.47        0.00643
         258836.31    4028990.14        0.00642                       258794.59
4028973.81        0.00645
         258752.87    4028957.48        0.00652                       258711.15
4028941.15        0.00655
         258669.43    4028924.82        0.00655                       258627.71
4028908.49        0.00652
         258585.99    4028892.16        0.00644                       258544.27
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4028875.83        0.00633
         258502.55    4028859.51        0.00621                   258460.83
4028843.18        0.00607
         258419.12    4028826.85        0.00588                   258377.40
4028810.52        0.00575
         258326.62    4028773.70        0.00559                   258308.50
4028732.73        0.00560
         258290.38    4028691.76        0.00560                   258272.26
4028650.78        0.00561
         258254.14    4028609.81        0.00564                   258236.02
4028568.84        0.00565
         258217.90    4028527.86        0.00566                   258199.78
4028486.89        0.00568
         258181.66    4028445.92        0.00571                   258163.54
4028404.94        0.00578
         258145.42    4028363.97        0.00585                   258127.30
4028323.00        0.00590
         258109.18    4028282.02        0.00592                   258091.06
4028241.05        0.00592
         258072.94    4028200.08        0.00593                   258054.82
4028159.10        0.00594
         258036.70    4028118.13        0.00594                   258018.58
4028077.16        0.00592
         258000.46    4028036.18        0.00585                   257982.34
4027995.21        0.00579
         257964.22    4027954.24        0.00575                   257946.10
4027913.26        0.00572
         257927.98    4027872.29        0.00568                   257909.86
4027831.32        0.00559
         257891.74    4027790.35        0.00547                   259422.12
4029210.18        0.00644
         259444.71    4029209.78        0.00640                   259467.31
4029209.38        0.00636
         259489.91    4029208.99        0.00632                   259512.50
4029208.59        0.00628
         259535.10    4029208.19        0.00623                   259557.70
4029207.79        0.00618
         259580.29    4029207.40        0.00614                   259602.89
4029207.00        0.00610
         259621.33    4027730.68        0.47713                   259665.29
4027729.15        0.56678
         259709.26    4027727.61        0.58458                   259600.22
4027756.43        0.28765
         259644.18    4027754.90        0.36337                   259688.15
4027753.36        0.38622
         259732.11    4027751.83        0.39248                   259601.09
4027781.42        0.22505
         259645.05    4027779.88        0.26761                   259689.02
4027778.35        0.28285
         259732.99    4027776.81        0.28769                   259601.96
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4027806.40        0.18206
         259645.93    4027804.87        0.20833                       259689.89
4027803.33        0.21879
         259733.86    4027801.80        0.22131                       259603.70
4027856.37        0.12742
         259647.67    4027854.84        0.13907                       259691.64
4027853.30        0.14418
         259735.60    4027851.77        0.14399                       259605.45
4027906.34        0.09438
         259649.41    4027904.81        0.10075                       259693.38
4027903.27        0.10275
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 239
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A  ***
                                  INCLUDING SOURCE(S):     PHASE3A     ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         259737.35    4027901.74        0.10116                       259607.19
4027956.31        0.07274
         259651.16    4027954.78        0.07603                       259695.12
4027953.24        0.07715
         259739.09    4027951.71        0.07543                       259608.94
4028006.28        0.05824
         259652.90    4028004.75        0.05951                       259696.87
4028003.21        0.05996
         259740.83    4028001.68        0.05852                       259612.42
4028106.22        0.03893
         259656.39    4028104.69        0.03882                       259700.35
4028103.15        0.03861
         259744.32    4028101.62        0.03788                       259615.91
4028206.16        0.02777
         259659.88    4028204.62        0.02731                       259703.84
4028203.09        0.02695
         259747.81    4028201.56        0.02621                       259619.40
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4028306.10        0.02135
         259663.36    4028304.56        0.02094                    259707.33
4028303.03        0.02042
         259751.30    4028301.49        0.01994                    259622.89
4028406.04        0.01715
         259666.85    4028404.50        0.01684                    259710.82
4028402.97        0.01650
         259754.78    4028401.43        0.01600                    259629.86
4028605.92        0.01209
         259673.83    4028604.38        0.01187                    259717.79
4028602.85        0.01158
         259761.76    4028601.31        0.01124                    259636.84
4028805.79        0.00911
         259680.80    4028804.26        0.00896                    259724.77
4028802.73        0.00880
         259768.73    4028801.19        0.00861                    259643.81
4029005.67        0.00726
         259687.78    4029004.14        0.00715                    259731.74
4029002.60        0.00704
         259775.71    4029001.07        0.00692                    259628.80
4029206.32        0.00605
         259672.77    4029204.78        0.00597                    259716.74
4029203.25        0.00591
         259760.70    4029201.71        0.00584                    259755.00
4027725.55        0.58119
         259778.26    4027724.27        0.58454                    259801.52
4027722.99        0.58832
         259824.78    4027721.71        0.58743                    259848.04
4027720.44        0.56902
         259871.30    4027719.16        0.54448                    259894.56
4027717.88        0.52154
         259756.37    4027750.51        0.39224                    259779.63
4027749.23        0.38969
         259802.89    4027747.95        0.38511                    259826.15
4027746.68        0.37734
         259849.41    4027745.40        0.36397                    259872.67
4027744.12        0.34618
         259895.93    4027742.84        0.32383                    259757.74
4027775.47        0.28757
         259781.00    4027774.19        0.28444                    259804.26
4027772.92        0.27802
         259827.52    4027771.64        0.26896                    259850.78
4027770.36        0.25712
         259874.04    4027769.08        0.24276                    259897.30
4027767.81        0.22447
         259759.11    4027800.43        0.22046                    259782.37
4027799.16        0.21744
         259805.63    4027797.88        0.21216                    259828.89
4027796.60        0.20447
         259852.15    4027795.32        0.19484                    259875.41
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4027794.05        0.18244
         259898.67    4027792.77        0.16714                      259761.85
4027850.36        0.14214
         259785.11    4027849.08        0.13927                      259808.37
4027847.80        0.13506
         259831.63    4027846.53        0.12948                      259854.89
4027845.25        0.12272
         259878.15    4027843.97        0.11458                      259901.41
4027842.69        0.10527
         259764.59    4027900.28        0.09924                      259787.85
4027899.00        0.09661
         259811.11    4027897.73        0.09328                      259834.37
4027896.45        0.08934
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 240
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A  ***
                                  INCLUDING SOURCE(S):     PHASE3A     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         259857.63    4027895.17        0.08470                      259880.89
4027893.90        0.07935
         259904.15    4027892.62        0.07351                      259767.34
4027950.21        0.07358
         259790.60    4027948.93        0.07131                      259813.86
4027947.65        0.06845
         259837.12    4027946.38        0.06522                      259860.38
4027945.10        0.06194
         259883.64    4027943.82        0.05854                      259906.90
4027942.54        0.05474
         259770.08    4028000.13        0.05673                      259793.34
4027998.85        0.05488
         259816.60    4027997.58        0.05272                      259839.86
4027996.30        0.05031
         259863.12    4027995.02        0.04775                      259886.38
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4027993.75 0.04513
259909.64 4027992.47 0.04254 259775.56
4028099.98 0.03687
259798.82 4028098.70 0.03560 259822.08
4028097.43 0.03418
259845.34 4028096.15 0.03269 259868.60
4028094.87 0.03122
259891.86 4028093.60 0.02978 259915.12
4028092.32 0.02839
259781.04 4028199.83 0.02520 259804.30
4028198.55 0.02428
259827.56 4028197.28 0.02344 259850.82
4028196.00 0.02263
259874.08 4028194.72 0.02185 259897.34
4028193.45 0.02098
259920.60 4028192.17 0.02001 259786.52
4028299.68 0.01935
259809.78 4028298.40 0.01886 259833.04
4028297.13 0.01829
259856.30 4028295.85 0.01761 259879.56
4028294.57 0.01691
259902.82 4028293.29 0.01623 259926.08
4028292.02 0.01553
259792.01 4028399.53 0.01545 259815.27
4028398.25 0.01500
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4028395.70 0.01396
259885.05 4028394.42 0.01348 259908.31
4028393.14 0.01304
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4028599.23 0.01095
259826.23 4028597.95 0.01073 259849.49
4028596.67 0.01048
259872.75 4028595.40 0.01023 259896.01
4028594.12 0.00999
259919.27 4028592.84 0.00973 259942.53
4028591.57 0.00945
259813.94 4028798.93 0.00839 259837.20
4028797.65 0.00826
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4028795.10 0.00799
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4028792.54 0.00763
259953.50 4028791.27 0.00743 259801.64
4028999.90 0.00683
259824.90 4028998.63 0.00674 259848.16
4028997.35 0.00665
259871.42 4028996.07 0.00657 259894.68
4028994.80 0.00650
259917.94 4028993.52 0.00641 259941.20

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4029197.05        0.00564
         259882.39    4029195.77        0.00559                       259905.65
4029194.50        0.00553
         259928.91    4029193.22        0.00545                       259952.17
4029191.94        0.00537
         259975.43    4029190.66        0.00529                       259939.86
4027716.72        0.41462
         259962.87    4027716.12        0.29583                       259985.88
4027715.52        0.19065
         260008.89    4027714.93        0.13322                       260031.90
4027714.33        0.09978
🏠 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 241
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A  ***
                                  INCLUDING SOURCE(S):     PHASE3A     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
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4027713.14        0.06153
         260100.94    4027712.54        0.05091                       260123.95
4027711.94        0.04294
         260146.96    4027711.35        0.03711                       260169.97
4027710.75        0.03255
         259940.51    4027741.71        0.24558                       259963.52
4027741.11        0.19028
         259986.53    4027740.52        0.14073                       260009.54
4027739.92        0.10662
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4027738.73        0.06765
         260078.57    4027738.13        0.05531                       260101.58
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         260124.59    4027736.94        0.03941                   260147.61
4027736.34        0.03419
         260170.62    4027735.74        0.02982                   259941.16
4027766.70        0.17026
         259964.17    4027766.10        0.13968                   259987.18
4027765.51        0.11104
         260010.19    4027764.91        0.08863                   260033.20
4027764.31        0.07232
         260056.21    4027763.72        0.05996                   260079.22
4027763.12        0.05037
         260102.23    4027762.52        0.04278                   260125.24
4027761.93        0.03660
         260148.25    4027761.33        0.03180                   260171.26
4027760.73        0.02783
         259941.80    4027791.69        0.13015                   259964.81
4027791.10        0.10980
         259987.83    4027790.50        0.09093                   260010.84
4027789.90        0.07537
         260033.85    4027789.31        0.06330                   260056.86
4027788.71        0.05365
         260079.87    4027788.11        0.04589                   260102.88
4027787.52        0.03961
         260125.89    4027786.92        0.03444                   260148.90
4027786.32        0.03006
         260171.91    4027785.73        0.02642                   259943.10
4027841.68        0.08616
         259966.11    4027841.08        0.07580                   259989.12
4027840.48        0.06601
         260012.13    4027839.89        0.05733                   260035.14
4027839.29        0.05009
         260058.15    4027838.69        0.04412                   260081.16
4027838.10        0.03903
         260104.18    4027837.50        0.03459                   260127.19
4027836.90        0.03072
         260150.20    4027836.31        0.02728                   260173.21
4027835.71        0.02422
         259944.40    4027891.66        0.06268                   259967.41
4027891.06        0.05662
         259990.42    4027890.47        0.05075                   260013.43
4027889.87        0.04534
         260036.44    4027889.27        0.04062                   260059.45
4027888.68        0.03658
         260082.46    4027888.08        0.03313                   260105.47
4027887.48        0.03010
         260128.48    4027886.89        0.02738                   260151.49
4027886.29        0.02487
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         259968.70    4027941.05        0.04418                   259991.71
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         260014.72    4027939.85        0.03674                       260037.74
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         260060.75    4027938.66        0.03066                       260083.76
4027938.06        0.02822
         260106.77    4027937.47        0.02608                       260129.78
4027936.87        0.02412
         260152.79    4027936.27        0.02230                       260175.80
4027935.68        0.02062
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4027991.03        0.03561
         259993.01    4027990.43        0.03300                       260016.02
4027989.84        0.03048
         260039.03    4027989.24        0.02814                       260062.04
4027988.64        0.02605
         260085.05    4027988.05        0.02423                       260108.06
4027987.45        0.02265
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 242
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A  ***
                                    INCLUDING SOURCE(S):     PHASE3A     ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4027986.26        0.01993
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         259972.59    4028091.00        0.02487                       259995.60
4028090.40        0.02346
         260018.61    4028089.80        0.02205                       260041.62
4028089.21        0.02075
         260064.63    4028088.61        0.01951                       260087.65
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         260110.66    4028087.42        0.01732                       260133.67
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         260156.68    4028086.22        0.01565                    260179.69
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         259998.19    4028190.37        0.01767                    260021.20
4028189.77        0.01684
         260044.22    4028189.17        0.01599                    260067.23
4028188.58        0.01521
         260090.24    4028187.98        0.01450                    260113.25
4028187.38        0.01383
         260136.26    4028186.79        0.01324                    260159.27
4028186.19        0.01271
         260182.28    4028185.59        0.01218                    259954.76
4028291.53        0.01464
         259977.78    4028290.93        0.01413                    260000.79
4028290.33        0.01370
         260023.80    4028289.74        0.01318                    260046.81
4028289.14        0.01262
         260069.82    4028288.54        0.01206                    260092.83
4028287.95        0.01153
         260115.84    4028287.35        0.01100                    260138.85
4028286.75        0.01057
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         259957.36    4028391.49        0.01201                    259980.37
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4028387.31        0.00933
         260141.44    4028386.72        0.00908                    260164.45
4028386.12        0.00884
         260187.46    4028385.52        0.00859                    259985.55
4028590.83        0.00887
         260008.56    4028590.23        0.00855                    260031.57
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         260054.58    4028589.04        0.00791                    260077.59
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         260100.61    4028587.84        0.00733                    260123.62
4028587.25        0.00709
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4028586.05        0.00669
         260192.65    4028585.46        0.00652                    259990.74
4028790.76        0.00711
         260013.75    4028790.16        0.00691                    260036.76
4028789.57        0.00668
         260059.77    4028788.97        0.00646                    260082.78
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4028785.99        0.00546
         260197.83    4028785.39        0.00529                       259995.92
4028990.69        0.00597
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4028988.31        0.00529
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         260157.00    4028986.52        0.00479                       260180.01
4028985.92        0.00465
         260203.02    4028985.32        0.00451                       260001.10
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4029189.43        0.00495
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                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A  ***
                                  INCLUDING SOURCE(S):     PHASE3A     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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4029187.05        0.00439
         260162.18    4029186.45        0.00425                       260185.19
4029185.85        0.00411
         260208.20    4029185.26        0.00399                       260190.44
4027695.65        0.03051
         260195.46    4027670.19        0.03256                       260214.10
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260208.71 4027745.13 0.02363 260245.34
4027673.65 0.02501
260262.96 4027705.74 0.02067 260250.72
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4027710.13 0.01679
260299.29 4027738.12 0.01619 260286.18
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260233.68 4027861.03 0.01782 260204.09
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4027717.90 0.01206
260397.86 4027747.59 0.01155 260383.95
4027777.27 0.01114
260370.04 4027806.96 0.01097 260356.13
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260327.10 4027872.63 0.01219 260296.84
4027885.24 0.01366
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4027910.46 0.01716
260206.06 4027923.07 0.01891 260419.92
4027685.76 0.01288
260461.54 4027721.59 0.01047 260447.42
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4027812.01 0.00943
260405.05 4027842.16 0.00943 260390.93
4027872.30 0.00970
260361.44 4027908.84 0.01084 260330.72
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260300.00 4027934.45 0.01350 260269.27
4027947.25 0.01484
260238.55 4027960.05 0.01618 260207.82

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4027972.86        0.01750
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4027728.81        0.00834
         260546.76    4027759.54        0.00806                       260532.36
4027790.27        0.00768
         260517.96    4027821.00        0.00734                       260503.57
4027851.73        0.00718
         260489.17    4027882.47        0.00720                       260474.77
4027913.20        0.00746
         260460.37    4027943.93        0.00792                       260430.31
4027981.19        0.00892
         260398.98    4027994.25        0.00984                       260367.65
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         260336.32    4028020.35        0.01153                       260305.00
4028033.41        0.01230
         260273.67    4028046.46        0.01307                       260242.34
4028059.52        0.01383
         260211.02    4028072.57        0.01448                       260569.56
4027696.14        0.00874
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4027767.01        0.00668
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 244
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A  ***
                                  INCLUDING SOURCE(S):     PHASE3A     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4027829.20        0.00614
         260602.55    4027860.30        0.00586                       260587.98
4027891.40        0.00569
         260573.41    4027922.50        0.00575                       260558.84
4027953.60        0.00597
         260544.27    4027984.69        0.00636                       260529.70
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4028093.12        0.00932
         260372.48    4028106.33        0.00982                  260340.78
4028119.54        0.01028
         260309.08    4028132.75        0.01074                  260277.38
4028145.96        0.01118
         260245.68    4028159.17        0.01156                  260213.98
4028172.38        0.01178
         260669.32    4027703.06        0.00715                  260760.54
4027742.95        0.00584
         260745.85    4027774.30        0.00569                  260731.16
4027805.65        0.00553
         260716.48    4027836.99        0.00536                  260701.79
4027868.34        0.00511
         260687.10    4027899.69        0.00488                  260672.42
4027931.03        0.00473
         260657.73    4027962.38        0.00473                  260643.04
4027993.73        0.00491
         260628.35    4028025.07        0.00526                  260613.67
4028056.42        0.00569
         260598.98    4028087.77        0.00610                  260568.32
4028125.77        0.00666
         260536.36    4028139.09        0.00703                  260504.41
4028152.40        0.00738
         260472.46    4028165.72        0.00773                  260440.50
4028179.03        0.00807
         260408.55    4028192.35        0.00836                  260376.59
4028205.67        0.00865
         260344.64    4028218.98        0.00893                  260312.69
4028232.30        0.00920
         260280.73    4028245.61        0.00947                  260248.78
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         260216.83    4028272.24        0.00980                  260769.08
4027709.98        0.00604
         260860.50    4027749.44        0.00508                  260846.22
4027779.91        0.00500
         260831.94    4027810.39        0.00490                  260817.67
4027840.87        0.00477
         260803.39    4027871.34        0.00459                  260789.11
4027901.82        0.00438
         260774.83    4027932.29        0.00418                  260760.55
4027962.77        0.00403
         260746.27    4027993.25        0.00399                  260731.99
4028023.72        0.00409
         260717.71    4028054.20        0.00432                  260703.43
4028084.67        0.00467
         260689.15    4028115.15        0.00505                  260674.87
```

```
4028145.63        0.00539
         260660.60    4028176.10        0.00562                       260637.92
4028197.81        0.00583
         260606.86    4028210.76        0.00607                       260575.79
4028223.71        0.00631
         260544.72    4028236.65        0.00653                       260513.66
4028249.60        0.00675
         260482.59    4028262.54        0.00695                       260451.53
4028275.49        0.00716
         260420.46    4028288.43        0.00736                       260389.39
4028301.38        0.00760
         260358.33    4028314.32        0.00785                       260327.26
4028327.27        0.00802
         260296.20    4028340.22        0.00811                       260265.13
4028353.16        0.00820
         260234.06    4028366.11        0.00832                       260868.84
4027716.90        0.00520
         261059.92    4027763.51        0.00399                       261045.42
4027794.44        0.00396
         261030.93    4027825.37        0.00394                       261016.43
4027856.31        0.00387
         261001.94    4027887.24        0.00377                       260987.45
4027918.18        0.00364
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 245
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A  ***
                                 INCLUDING SOURCE(S):     PHASE3A     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         260972.95    4027949.11        0.00349                       260958.46
4027980.05        0.00332
         260943.97    4028010.98        0.00317                       260929.47
4028041.92        0.00306
         260914.98    4028072.85        0.00300                       260900.48
```

4028103.78 0.00304
260885.99 4028134.72 0.00320 260871.50
4028165.65 0.00347
260857.00 4028196.59 0.00379 260842.51
4028227.52 0.00410
260828.02 4028258.46 0.00434 260813.52
4028289.39 0.00450
260799.03 4028320.33 0.00458 260776.01
4028342.36 0.00464
260744.48 4028355.50 0.00473 260712.95
4028368.64 0.00482
260681.41 4028381.78 0.00491 260649.88
4028394.92 0.00503
260618.35 4028408.06 0.00516 260586.81
4028421.20 0.00530
260555.28 4028434.34 0.00543 260523.75
4028447.49 0.00557
260492.21 4028460.63 0.00572 260460.68
4028473.77 0.00586
260429.15 4028486.91 0.00594 260397.62
4028500.05 0.00599
260366.08 4028513.19 0.00607 260334.55
4028526.33 0.00612
260303.02 4028539.47 0.00617 260271.48
4028552.61 0.00625
260239.95 4028565.75 0.00635 261068.36
4027730.74 0.00404
261259.37 4027777.49 0.00328 261244.73
4027808.73 0.00330
261230.10 4027839.96 0.00330 261215.46
4027871.19 0.00327
261200.83 4027902.43 0.00321 261186.20
4027933.66 0.00313
261171.56 4027964.89 0.00304 261156.93
4027996.13 0.00293
261142.30 4028027.36 0.00280 261127.66
4028058.59 0.00265
261113.03 4028089.83 0.00253 261098.39
4028121.06 0.00245
261083.76 4028152.29 0.00242 261069.13
4028183.53 0.00245
261054.49 4028214.76 0.00256 261039.86
4028245.99 0.00275
261025.23 4028277.23 0.00300 261010.59
4028308.46 0.00326
260995.96 4028339.69 0.00350 260981.32
4028370.93 0.00369
260966.69 4028402.16 0.00378 260952.06
4028433.39 0.00381
260937.42 4028464.63 0.00378 260914.19

```
4028486.88        0.00376
         260882.35    4028500.15        0.00378                       260850.51
4028513.41        0.00383
         260818.67    4028526.68        0.00388                       260786.83
4028539.95        0.00398
         260755.00    4028553.21        0.00410                       260723.16
4028566.48        0.00421
         260691.32    4028579.75        0.00430                       260659.48
4028593.02        0.00437
         260627.64    4028606.28        0.00446                       260595.81
4028619.55        0.00455
         260563.97    4028632.82        0.00462                       260532.13
4028646.08        0.00468
         260500.29    4028659.35        0.00474                       260468.46
4028672.62        0.00480
         260436.62    4028685.89        0.00487                       260404.78
4028699.15        0.00492
         260372.94    4028712.42        0.00496                       260341.10
4028725.69        0.00499
         260309.27    4028738.96        0.00499                       260277.43
4028752.22        0.00501
         260245.59    4028765.49        0.00508                       261267.88
4027744.58        0.00330
         261458.97    4027791.15        0.00280                       261444.51
4027822.03        0.00281
```



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                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A  ***
                                  INCLUDING SOURCE(S):     PHASE3A     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         261430.04    4027852.90        0.00282                       261415.58
4027883.77        0.00282
         261401.11    4027914.64        0.00281                       261386.65
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4027945.51        0.00278
         261372.18    4027976.39        0.00272                  261357.72
4028007.26        0.00264
         261343.26    4028038.13        0.00256                  261328.79
4028069.00        0.00245
         261314.33    4028099.87        0.00235                  261299.86
4028130.74        0.00224
         261285.40    4028161.62        0.00214                  261270.93
4028192.49        0.00205
         261256.47    4028223.36        0.00201                  261242.00
4028254.23        0.00201
         261227.54    4028285.10        0.00206                  261213.07
4028315.98        0.00219
         261198.61    4028346.85        0.00237                  261184.15
4028377.72        0.00258
         261169.68    4028408.59        0.00279                  261155.22
4028439.46        0.00300
         261140.75    4028470.34        0.00316                  261126.29
4028501.21        0.00325
         261111.82    4028532.08        0.00328                  261097.36
4028562.95        0.00325
         261082.89    4028593.82        0.00317                  261052.69
4028631.25        0.00310
         261021.23    4028644.37        0.00310                  260989.76
4028657.48        0.00313
         260958.29    4028670.59        0.00319                  260926.82
4028683.71        0.00327
         260895.35    4028696.82        0.00336                  260863.88
4028709.94        0.00345
         260832.41    4028723.05        0.00353                  260800.94
4028736.16        0.00360
         260769.47    4028749.28        0.00366                  260738.00
4028762.39        0.00370
         260706.53    4028775.50        0.00373                  260675.06
4028788.62        0.00376
         260643.59    4028801.73        0.00383                  260612.12
4028814.85        0.00390
         260580.65    4028827.96        0.00397                  260549.18
4028841.07        0.00402
         260517.71    4028854.19        0.00405                  260486.24
4028867.30        0.00410
         260454.77    4028880.41        0.00412                  260423.30
4028893.53        0.00411
         260391.83    4028906.64        0.00410                  260360.37
4028919.75        0.00410
         260328.90    4028932.87        0.00412                  260297.43
4028945.98        0.00418
         260265.96    4028959.10        0.00426                  260234.49
4028972.21        0.00438
         261467.40    4027758.42        0.00281                  261658.44
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4027805.11        0.00243
         261643.87    4027836.20        0.00247                       261629.30
4027867.30        0.00251
         261614.73    4027898.40        0.00253                       261600.16
4027929.50        0.00252
         261585.59    4027960.60        0.00249                       261571.02
4027991.69        0.00243
         261556.45    4028022.79        0.00237                       261541.88
4028053.89        0.00232
         261527.30    4028084.99        0.00226                       261512.73
4028116.09        0.00218
         261498.16    4028147.19        0.00210                       261483.59
4028178.28        0.00201
         261469.02    4028209.38        0.00191                       261454.45
4028240.48        0.00183
         261439.88    4028271.58        0.00176                       261425.31
4028302.68        0.00172
         261410.74    4028333.77        0.00172                       261396.17
4028364.87        0.00176
         261381.60    4028395.97        0.00185                       261367.03
4028427.07        0.00198
         261352.46    4028458.17        0.00215                       261337.89
4028489.27        0.00233
         261323.32    4028520.36        0.00251                       261308.75
4028551.46        0.00269
         261294.18    4028582.56        0.00280                       261279.61
4028613.66        0.00286
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 247
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A  ***
                                 INCLUDING SOURCE(S):     PHASE3A     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         261265.04    4028644.76        0.00286                       261250.47
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4028675.85        0.00282
         261235.90    4028706.95        0.00275                   261221.32
4028738.05        0.00267
         261190.90    4028775.75        0.00259                   261159.20
4028788.96        0.00260
         261127.50    4028802.17        0.00264                   261095.80
4028815.38        0.00270
         261064.10    4028828.59        0.00277                   261032.40
4028841.80        0.00285
         261000.70    4028855.01        0.00293                   260969.00
4028868.22        0.00300
         260937.30    4028881.43        0.00304                   260905.60
4028894.64        0.00307
         260873.90    4028907.85        0.00310                   260842.20
4028921.06        0.00312
         260810.50    4028934.27        0.00313                   260778.80
4028947.48        0.00316
         260747.10    4028960.69        0.00321                   260715.40
4028973.90        0.00326
         260683.70    4028987.11        0.00332                   260652.00
4029000.32        0.00339
         260620.30    4029013.53        0.00345                   260588.60
4029026.74        0.00349
         260556.90    4029039.95        0.00352                   260525.20
4029053.16        0.00352
         260493.50    4029066.37        0.00351                   260461.80
4029079.58        0.00348
         260430.10    4029092.79        0.00346                   260398.40
4029106.00        0.00345
         260366.70    4029119.21        0.00347                   260335.00
4029132.42        0.00352
         260303.30    4029145.63        0.00363                   260271.60
4029158.84        0.00375
         260239.90    4029172.05        0.00387                   261666.92
4027772.26        0.00241
         260195.10    4027643.19        0.03707                   260194.68
4027618.34        0.04233
         260194.26    4027593.49        0.04849                   260193.84
4027568.64        0.05613
         260193.42    4027543.79        0.06422                   260193.01
4027518.94        0.07229
         260192.59    4027494.09        0.08029                   260192.17
4027469.24        0.08803
         260191.75    4027444.39        0.09532                   260191.33
4027419.55        0.10112
         260190.91    4027394.70        0.10563                   260190.50
4027369.85        0.10873
         260190.08    4027345.00        0.11032                   260189.66
4027320.15        0.11039
         260189.24    4027295.30        0.10913                   260188.82
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4027270.45        0.10680
         260188.40    4027245.60        0.10357                        260187.99
4027220.75        0.09972
         260187.57    4027195.90        0.09552                        260187.15
4027171.05        0.09114
         260186.73    4027146.20        0.08668                        260186.31
4027121.35        0.08221
         260185.89    4027096.50        0.07791                        260185.48
4027071.65        0.07381
         260185.06    4027046.81        0.06967                        260184.64
4027021.96        0.06551
         260184.22    4026997.11        0.06228                        260183.80
4026972.26        0.05908
         260183.38    4026947.41        0.05581                        260182.96
4026922.56        0.05269
         260220.09    4027642.77        0.03211                        260219.68
4027617.92        0.03622
         260219.26    4027593.07        0.04101                        260218.84
4027568.22        0.04733
         260218.42    4027543.37        0.05340                        260218.00
4027518.52        0.05979
         260217.58    4027493.67        0.06629                        260217.17
4027468.82        0.07271
         260216.75    4027443.97        0.07883                        260216.33
4027419.12        0.08420
         260215.91    4027394.28        0.08883                        260215.49
4027369.43        0.09244
         260215.07    4027344.58        0.09487                        260214.66
4027319.73        0.09611
↑ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 248
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A  ***
                                  INCLUDING SOURCE(S):     PHASE3A     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4027592.23        0.03122
         260268.83    4027567.38        0.03474                          260268.41
4027542.53        0.03859
         260268.00    4027517.68        0.04270                          260267.58
4027492.83        0.04700
         260267.16    4027467.98        0.05142                          260266.74
4027443.13        0.05590
         260266.32    4027418.28        0.06015                          260265.90
4027393.43        0.06399
         260265.49    4027368.58        0.06743                          260265.07
4027343.73        0.07042
         260264.65    4027318.89        0.07282                          260264.23
4027294.04        0.07451
         260263.81    4027269.19        0.07544                          260263.39
4027244.34        0.07557
         260262.97    4027219.49        0.07499                          260262.56
4027194.64        0.07387
         260262.14    4027169.79        0.07232                          260261.72
4027144.94        0.07045
         260261.30    4027120.09        0.06831                          260260.88
4027095.24        0.06600
         260260.46    4027070.39        0.06358                          260320.08
4027641.09        0.02055
         260319.66    4027616.24        0.02235                          260319.24
4027591.39        0.02438
         260318.83    4027566.54        0.02671                          260318.41
4027541.69        0.02930
         260317.99    4027516.84        0.03211                          260317.57
4027491.99        0.03508
         260317.15    4027467.14        0.03816                          260316.73
4027442.29        0.04131
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 249
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A  ***
                                 INCLUDING SOURCE(S):     PHASE3A     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
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Y-COORD (M)        CONC
 - - -
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4027614.55   0.01537
         260419.23   4027589.70   0.01636   260418.81
4027564.85   0.01750
         260418.39   4027540.00   0.01882   260417.97
4027515.16   0.02028
         260417.56   4027490.31   0.02186   260417.14
4027465.46   0.02352
         260416.72   4027440.61   0.02521   260416.30
4027415.76   0.02689
         260415.88   4027390.91   0.02855   260415.46
4027366.06   0.03021
         260415.05   4027341.21   0.03189   260414.63
4027316.36   0.03357
         260414.21   4027291.51   0.03528   260413.79
4027266.66   0.03693
         260413.37   4027241.81   0.03844   260412.95
4027216.96   0.03978
         260412.54   4027192.11   0.04088   260412.12
4027167.26   0.04173
         260411.70   4027142.41   0.04231   260411.28
4027117.57   0.04266
         260410.86   4027092.72   0.04279   260410.44
4027067.87   0.04270
         260410.02   4027043.02   0.04242   260409.61
4027018.17   0.04196
         260409.19   4026993.32   0.04135   260408.77
4026968.47   0.04061
         260408.35   4026943.62   0.03979   260407.93
4026918.77   0.03889
         260407.51   4026893.92   0.03793   260470.48
4027663.41   0.01184
         260470.06   4027638.56   0.01249   260469.64
4027613.71   0.01316

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A ***
                                 INCLUDING SOURCE(S):   PHASE3A   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260469.22	4027588.86	0.01388	260468.80	4027564.01	0.01472
260468.39	4027539.16	0.01570	260467.97	4027514.31	0.01680
260467.55	4027489.46	0.01800	260467.13	4027464.61	0.01927
260466.71	4027439.77	0.02057	260466.29	4027414.92	0.02186
260465.88	4027390.07	0.02313	260465.46	4027365.22	0.02440
260465.04	4027340.37	0.02570	260464.62	4027315.52	0.02702
260464.20	4027290.67	0.02839	260463.78	4027265.82	0.02976
260463.36	4027240.97	0.03108	260462.95	4027216.12	0.03232
260462.53	4027191.27	0.03343	260462.11	4027166.42	0.03439
260461.69	4027141.57	0.03526	260461.27	4027116.72	0.03592
260460.85	4027091.87	0.03639	260460.44	4027067.03	0.03668
260570.46	4027661.73	0.00932	260570.04	4027636.88	0.00972
260569.63	4027612.03	0.01011	260569.21	4027587.18	0.01053
260568.79	4027562.33	0.01102	260568.37	4027537.48	0.01158
260567.95	4027512.63	0.01223	260567.53	4027487.78	0.01296
260567.12	4027462.93	0.01375	260566.70	4027438.08	0.01458
260566.28	4027413.23	0.01541	260565.86	4027388.38	0.01622
260565.44	4027363.53	0.01702	260565.02	4027338.68	0.01782
260564.61	4027313.84	0.01863	260564.19	4027288.99	0.01949
260563.77	4027264.14	0.02037	260563.35	4027239.29	0.02127
260562.93	4027214.44	0.02218	260562.51	4027189.59	0.02307
260562.10	4027164.74	0.02388	260561.68	4027139.89	0.02456
260561.26	4027115.04	0.02533	260560.84		

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4027090.19        0.02620
         260560.42    4027065.34        0.02679                        260560.00
4027040.49        0.02729
         260559.59    4027015.64        0.02765                        260559.17
4026990.79        0.02795
         260558.75    4026965.94        0.02817                        260558.33
4026941.09        0.02812
         260557.91    4026916.25        0.02791                        260557.49
4026891.40        0.02786
         260670.45    4027660.04        0.00759                        260670.03
4027635.19        0.00782
         260669.61    4027610.34        0.00810                        260669.19
4027585.49        0.00841
         260668.78    4027560.65        0.00869                        260668.36
4027535.80        0.00903
         260667.94    4027510.95        0.00947                        260667.52
4027486.10        0.00993
         260667.10    4027461.25        0.01045                        260666.68
4027436.40        0.01100
         260666.27    4027411.55        0.01157                        260665.85
4027386.70        0.01214
         260665.43    4027361.85        0.01269                        260665.01
4027337.00        0.01318
         260664.59    4027312.15        0.01369                        260664.17
4027287.30        0.01425
         260663.75    4027262.45        0.01485                        260663.34
4027237.60        0.01545
         260662.92    4027212.75        0.01600                        260662.50
4027187.90        0.01656
         260662.08    4027163.06        0.01717                        260661.66
4027138.21        0.01778
         260661.24    4027113.36        0.01836                        260660.83
4027088.51        0.01900
         260660.41    4027063.66        0.01958                        260769.98
4027675.57        0.00627
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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                                 PAGE 251
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A  ***
                                 INCLUDING SOURCE(S):     PHASE3A     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260770.02	4027633.51	0.00659	260769.60	4027608.66	0.00677
260769.18	4027583.81	0.00695	260768.76	4027558.96	0.00716
260768.34	4027534.11	0.00739	260767.92	4027509.26	0.00766
260767.51	4027484.41	0.00796	260767.09	4027459.56	0.00831
260766.67	4027434.72	0.00869	260766.25	4027409.87	0.00909
260765.83	4027385.02	0.00949	260765.41	4027360.17	0.00990
260765.00	4027335.32	0.01033	260764.58	4027310.47	0.01074
260764.16	4027285.62	0.01112	260763.74	4027260.77	0.01147
260763.32	4027235.92	0.01189	260762.90	4027211.07	0.01227
260762.49	4027186.22	0.01267	260762.07	4027161.37	0.01308
260761.65	4027136.52	0.01347	260761.23	4027111.67	0.01391
260760.81	4027086.82	0.01451	260760.39	4027061.97	0.01503
260759.98	4027037.13	0.01547	260759.56	4027012.28	0.01586
260759.14	4026987.43	0.01629	260758.72	4026962.58	0.01670
260758.30	4026937.73	0.01708	260757.88	4026912.88	0.01743
260757.46	4026888.03	0.01775	260869.89	4027676.75	0.00541
260870.00	4027631.83	0.00566	260869.58	4027606.98	0.00580
260869.17	4027582.13	0.00593	260868.75	4027557.28	0.00608
260868.33	4027532.43	0.00624	260867.91	4027507.58	0.00641
260867.49	4027482.73	0.00661	260867.07	4027457.88	0.00684
260866.66	4027433.03	0.00711	260866.24	4027408.18	0.00740
260865.82	4027383.33	0.00766	260865.40		

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4027358.48        0.00792
         260864.98    4027333.63        0.00822                        260864.56
4027308.78        0.00855
         260864.14    4027283.94        0.00887                        260863.73
4027259.09        0.00915
         260863.31    4027234.24        0.00946                        260862.89
4027209.39        0.00981
         260862.47    4027184.54        0.01016                        260862.05
4027159.69        0.01048
         260861.63    4027134.84        0.01075                        260861.22
4027109.99        0.01106
         260860.80    4027085.14        0.01145                        260860.38
4027060.29        0.01179
         261069.89    4027672.67        0.00420                        261069.97
4027628.46        0.00436
         261069.56    4027603.61        0.00445                        261069.14
4027578.76        0.00454
         261068.72    4027553.91        0.00463                        261068.30
4027529.06        0.00470
         261067.88    4027504.21        0.00479                        261067.46
4027479.36        0.00490
         261067.05    4027454.51        0.00503                        261066.63
4027429.66        0.00517
         261066.21    4027404.82        0.00531                        261065.79
4027379.97        0.00548
         261065.37    4027355.12        0.00563                        261064.95
4027330.27        0.00585
         261064.54    4027305.42        0.00607                        261064.12
4027280.57        0.00627
         261063.70    4027255.72        0.00648                        261063.28
4027230.87        0.00672
         261062.86    4027206.02        0.00696                        261062.44
4027181.17        0.00718
         261062.02    4027156.32        0.00738                        261061.61
4027131.47        0.00759
         261061.19    4027106.62        0.00776                        260860.77
4027081.77        0.00795
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 252
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A  ***
                                  INCLUDING SOURCE(S):     PHASE3A     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
261060.35	4027056.92	0.00814	261269.74	4027673.60	0.00346
261269.12	4027697.26	0.00340	261268.50	4027720.92	0.00335
261270.36	4027649.94	0.00353	261269.95	4027625.09	0.00360
261269.53	4027600.24	0.00369	261269.11	4027575.39	0.00376
261268.69	4027550.54	0.00379	261268.27	4027525.70	0.00383
261267.85	4027500.85	0.00384	261267.44	4027476.00	0.00387
261267.02	4027451.15	0.00394	261266.60	4027426.30	0.00404
261266.18	4027401.45	0.00411	261265.76	4027376.60	0.00419
261265.34	4027351.75	0.00430	261264.93	4027326.90	0.00445
261264.51	4027302.05	0.00456	261264.09	4027277.20	0.00473
261263.67	4027252.35	0.00490	261263.25	4027227.50	0.00504
261262.83	4027202.65	0.00520	261262.41	4027177.80	0.00539
261262.00	4027152.95	0.00556	261261.58	4027128.11	0.00572
261261.16	4027103.26	0.00587	261260.74	4027078.41	0.00601
261260.32	4027053.56	0.00614	261469.75	4027668.94	0.00292
261468.58	4027713.68	0.00285	261470.34	4027646.58	0.00297
261469.92	4027621.73	0.00303	261469.50	4027596.88	0.00312
261469.08	4027572.03	0.00320	261468.66	4027547.18	0.00324
261468.24	4027522.33	0.00327	261467.83	4027497.48	0.00330
261467.41	4027472.63	0.00333	261466.99	4027447.78	0.00334
261466.57	4027422.93	0.00336	261466.15		

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4027398.08        0.00338
         261465.73    4027373.23        0.00343                        261465.32
4027348.38        0.00348
         261464.90    4027323.53        0.00355                        261464.48
4027298.68        0.00364
         261464.06    4027273.83        0.00376                        261463.64
4027248.99        0.00388
         261463.22    4027224.14        0.00400                        261462.80
4027199.29        0.00414
         261462.39    4027174.44        0.00427                        261461.97
4027149.59        0.00439
         261461.55    4027124.74        0.00451                        261461.13
4027099.89        0.00464
         261460.71    4027075.04        0.00478                        261460.29
4027050.19        0.00490
         261459.88    4027025.34        0.00499                        261459.46
4027000.49        0.00509
         261459.04    4026975.64        0.00518                        261458.62
4026950.79        0.00525
         261458.20    4026925.94        0.00532                        261457.78
4026901.09        0.00539
         261457.37    4026876.25        0.00544                        261669.74
4027664.72        0.00257
         261668.62    4027707.73        0.00248                        261669.89
4027618.36        0.00267
         261669.47    4027593.51        0.00275                        261669.05
4027568.66        0.00280
         261668.63    4027543.81        0.00284                        261668.22
4027518.96        0.00287
         261667.80    4027494.11        0.00289                        261667.38
4027469.26        0.00289
         261666.96    4027444.41        0.00289                        261666.54
4027419.56        0.00289
         261666.12    4027394.71        0.00289                        261665.71
4027369.87        0.00290
         261665.29    4027345.02        0.00292                        261664.87
4027320.17        0.00297
         261664.45    4027295.32        0.00302                        261664.03
4027270.47        0.00309
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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                                 PAGE 253
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A  ***
                                INCLUDING SOURCE(S):     PHASE3A     ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
261663.61	4027245.62	0.00317	261663.19	4027220.77	0.00327
261662.78	4027195.92	0.00338	261662.36	4027171.07	0.00348
261661.94	4027146.22	0.00359	261661.52	4027121.37	0.00371
261661.10	4027096.52	0.00380	261660.68	4027071.67	0.00390
261660.27	4027046.82	0.00401	261659.85	4027021.97	0.00410
261659.43	4026997.12	0.00419	261659.01	4026972.28	0.00427
261658.59	4026947.43	0.00435	261658.17	4026922.58	0.00443
261657.76	4026897.73	0.00448	261657.34	4026872.88	0.00454
260288.10	4026826.13	0.03976	260294.23	4026848.07	0.04121
260300.37	4026870.01	0.04261	260348.08	4026861.01	0.03971
260374.46	4026775.74	0.03381	260380.66	4026797.90	0.03474
260386.85	4026820.06	0.03561	260393.05	4026842.22	0.03642
260399.25	4026864.38	0.03713	260420.80	4026761.83	0.03164
260504.00	4026700.14	0.02678	260510.29	4026722.64	0.02723
260516.59	4026745.14	0.02761	260522.88	4026767.64	0.02793
260529.17	4026790.14	0.02817	260535.47	4026812.64	0.02832
260541.76	4026835.14	0.02839	260548.05	4026857.65	0.02836
260590.35	4026649.71	0.02308	260596.64	4026672.21	0.02333
260602.94	4026694.71	0.02353	260609.23	4026717.21	0.02367
260615.52	4026739.71	0.02375	260626.01		

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4026777.21        0.02375
         260648.04    4026855.96        0.02306                       260676.70
4026599.27        0.02003
         260682.99    4026621.77        0.02016                       260689.29
4026644.27        0.02025
         260695.58    4026666.77        0.02029                       260701.87
4026689.27        0.02029
         260708.17    4026711.78        0.02023                       260714.46
4026734.28        0.02012
         260720.75    4026756.78        0.01995                       260727.05
4026779.28        0.01971
         260733.34    4026801.78        0.01942                       260739.63
4026824.28        0.01906
         260745.93    4026846.78        0.01864                       260763.05
4026548.84        0.01753
         260769.34    4026571.34        0.01759                       260775.64
4026593.84        0.01761
         260781.93    4026616.34        0.01760                       260788.22
4026638.84        0.01754
         260794.52    4026661.34        0.01744                       260800.81
4026683.84        0.01729
         260807.10    4026706.34        0.01710                       260813.40
4026728.84        0.01685
         260825.98    4026773.84        0.01623                       260846.96
4026848.84        0.01486
         260935.75    4026447.97        0.01380                       260942.04
4026470.47        0.01378
         260948.34    4026492.97        0.01374                       260954.63
4026515.47        0.01366
         260960.92    4026537.97        0.01355                       260967.22
4026560.47        0.01342
         260973.51    4026582.97        0.01324                       260979.80
4026605.47        0.01304
         260986.10    4026627.97        0.01281                       260992.39
4026650.47        0.01255
         260998.68    4026672.97        0.01228                       261004.98
4026695.47        0.01199
         261011.27    4026717.98        0.01169                       261019.66
4026747.98        0.01126
         261108.46    4026347.13        0.01118                       261114.80
4026369.78        0.01114
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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                                  PAGE 254
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
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VALUES FOR SOURCE GROUP: PHASE3A  ***
                                  INCLUDING SOURCE(S):     PHASE3A     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         261121.13    4026392.44        0.01108                       261127.47
4026415.10        0.01098
         261133.81    4026437.76        0.01085                       261140.15
4026460.42        0.01071
         261146.48    4026483.08        0.01054                       261152.82
4026505.74        0.01036
         261159.16    4026528.40        0.01016                       261165.50
4026551.06        0.00995
         261171.84    4026573.72        0.00974                       261178.17
4026596.37        0.00950
         261184.51    4026619.03        0.00927                       261190.85
4026641.69        0.00903
         261197.19    4026664.35        0.00880                       261203.52
4026687.01        0.00857
         261209.86    4026709.67        0.00836                       261219.37
4026743.66        0.00805
         261281.16    4026246.25        0.00936                       261287.49
4026268.89        0.00927
         261293.82    4026291.52        0.00917                       261300.15
4026314.16        0.00905
         261306.48    4026336.79        0.00893                       261312.81
4026359.42        0.00880
         261319.14    4026382.06        0.00866                       261325.47
4026404.69        0.00851
         261331.80    4026427.33        0.00835                       261338.13
4026449.96        0.00819
         261344.47    4026472.60        0.00802                       261350.80
4026495.23        0.00784
         261357.13    4026517.87        0.00768                       261363.46
4026540.50        0.00751
         261369.79    4026563.14        0.00734                       261376.12
4026585.77        0.00714
         261382.45    4026608.40        0.00695                       261388.78
4026631.04        0.00678
         261395.11    4026653.67        0.00666                       261401.44
4026676.31        0.00655
         261407.77    4026698.94        0.00640                       261414.10
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4026721.58        0.00627
         261420.44    4026744.21        0.00614                       261426.77
4026766.85        0.00603
         261433.10    4026789.48        0.00589                       261439.43
4026812.11        0.00576
         261445.76    4026834.75        0.00563                       261453.86
4026145.38        0.00797
         261460.18    4026168.00        0.00789                       261466.51
4026190.61        0.00779
         261472.83    4026213.23        0.00769                       261479.16
4026235.85        0.00757
         261485.49    4026258.46        0.00745                       261491.81
4026281.08        0.00732
         261498.14    4026303.70        0.00720                       261504.46
4026326.31        0.00709
         261510.79    4026348.93        0.00695                       261517.11
4026371.55        0.00682
         261523.44    4026394.16        0.00668                       261529.77
4026416.78        0.00654
         261536.09    4026439.39        0.00640                       261542.42
4026462.01        0.00626
         261548.74    4026484.63        0.00614                       261555.07
4026507.24        0.00602
         261561.40    4026529.86        0.00591                       261567.72
4026552.48        0.00579
         261574.05    4026575.09        0.00568                       261580.37
4026597.71        0.00557
         261586.70    4026620.33        0.00547                       261593.02
4026642.94        0.00537
         261599.35    4026665.56        0.00528                       261605.68
4026688.18        0.00519
         261612.00    4026710.79        0.00510                       261618.33
4026733.41        0.00501
         261624.65    4026756.03        0.00494                       261630.98
4026778.64        0.00485
         261637.31    4026801.26        0.00477                       261643.63
4026823.88        0.00470
         261649.96    4026846.49        0.00462                       260178.22
4026852.86        0.04468
         260186.13    4026829.14        0.04211                       260206.65
4026845.81        0.04351
         260187.19    4026799.87        0.03924                       260223.53
4026769.10        0.03634
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3A ***

INCLUDING SOURCE(S): PHASE3A ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260244.05	4026785.76	0.03752	260264.57	4026802.43	0.03852
260226.11	4026710.93	0.03183	260248.00	4026728.70	0.03311
260299.44	4026710.19	0.03154	260321.04	4026727.73	0.03236
260342.64	4026745.27	0.03299	260257.58	4026615.93	0.02588
260278.99	4026633.32	0.02698	260300.41	4026650.70	0.02799
260321.82	4026668.09	0.02888	260343.24	4026685.48	0.02964
260333.14	4026556.74	0.02326	260355.03	4026574.51	0.02408
260376.92	4026592.29	0.02482	260398.81	4026610.06	0.02545
260420.70	4026627.83	0.02596	260442.59	4026645.61	0.02634
260464.49	4026663.38	0.02658	260486.38	4026681.15	0.02668
260320.88	4026426.24	0.01797	260342.49	4026443.78	0.01875
260364.09	4026461.32	0.01951	260385.69	4026478.86	0.02023
260407.30	4026496.40	0.02090	260428.90	4026513.94	0.02151
260450.50	4026531.48	0.02203	260472.11	4026549.02	0.02247
260572.92	4026630.87	0.02313	260352.60	4026331.45	0.01531
260374.49	4026349.23	0.01597	260396.39	4026367.00	0.01661
260483.95	4026438.10	0.01892	260505.84	4026455.87	0.01937
260527.73	4026473.64	0.01975	260549.62		

```
4026491.42        0.02005
         260571.51    4026509.19        0.02026                       260593.40
4026526.96        0.02039
         260615.30    4026544.74        0.02041                       260637.19
4026562.51        0.02033
         260659.08    4026580.28        0.02016                       260384.16
4026236.53        0.01320
         260405.84    4026254.14        0.01375                       260427.53
4026271.74        0.01429
         260449.21    4026289.35        0.01483                       260470.90
4026306.95        0.01535
         260492.58    4026324.56        0.01585                       260514.26
4026342.17        0.01631
         260535.95    4026359.77        0.01675                       260557.63
4026377.38        0.01713
         260579.32    4026394.98        0.01747                       260601.00
4026412.59        0.01774
         260622.69    4026430.19        0.01794                       260644.37
4026447.80        0.01807
         260709.42    4026500.62        0.01802                       260731.11
4026518.22        0.01785
         260447.42    4026046.81        0.01015                       260469.15
4026064.45        0.01056
         260505.36    4026093.85        0.01122                       260548.82
4026129.14        0.01199
         260570.55    4026146.78        0.01237                       260592.28
4026164.42        0.01273
         260614.01    4026182.07        0.01308                       260635.74
4026199.71        0.01341
         260657.47    4026217.35        0.01372                       260679.20
4026235.00        0.01399
         260700.93    4026252.64        0.01423                       260722.66
4026270.28        0.01443
         260744.39    4026287.92        0.01457                       260766.12
4026305.57        0.01466
         260860.29    4026382.02        0.01447                       260882.02
4026399.66        0.01431
         260903.75    4026417.30        0.01412                       260510.67
4025857.08        0.00809
         260532.43    4025874.74        0.00838                       260554.19
4025892.41        0.00870
         260575.95    4025910.08        0.00901                       260699.25
4026010.19        0.01063
         260721.01    4026027.85        0.01090                       260742.77
4026045.52        0.01115
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3A ***
INCLUDING SOURCE(S): PHASE3A ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260764.53	4026063.19	0.01139	260786.29	4026080.85	0.01161
260808.05	4026098.52	0.01179	260829.81	4026116.18	0.01196
260851.57	4026133.85	0.01210	260873.32	4026151.52	0.01219
260895.08	4026169.18	0.01224	260916.84	4026186.85	0.01225
261011.13	4026263.40	0.01197	261032.89	4026281.07	0.01185
261054.65	4026298.74	0.01170	261076.41	4026316.40	0.01153
260573.93	4025667.35	0.00664	260595.71	4025685.03	0.00688
260617.48	4025702.71	0.00712	260639.26	4025720.39	0.00735
260661.04	4025738.08	0.00759	260769.94	4025826.49	0.00874
260849.80	4025891.33	0.00950	260871.58	4025909.01	0.00969
260893.36	4025926.69	0.00986	260915.13	4025944.38	0.01003
260936.91	4025962.06	0.01016	260958.69	4025979.74	0.01027
260980.47	4025997.43	0.01035	261002.25	4026015.11	0.01040
261024.03	4026032.79	0.01044	261045.81	4026050.47	0.01044
261067.59	4026068.16	0.01042	261089.37	4026085.84	0.01039
261111.15	4026103.52	0.01034	261132.93	4026121.20	0.01027
261154.71	4026138.89	0.01020	261176.49		

```
4026156.57        0.01010
         261198.26    4026174.25        0.00999                       261220.04
4026191.94        0.00986
         261241.82    4026209.62        0.00971                       261263.60
4026227.30        0.00953
         260637.18    4025477.61        0.00558                       260658.97
4025495.31        0.00576
         260680.76    4025513.00        0.00594                       260702.56
4025530.70        0.00614
         260724.35    4025548.39        0.00634                       260746.15
4025566.09        0.00653
         260767.94    4025583.78        0.00672                       260789.73
4025601.48        0.00691
         260811.53    4025619.17        0.00710                       260833.32
4025636.87        0.00728
         260855.12    4025654.56        0.00746                       260876.91
4025672.26        0.00764
         260898.71    4025689.95        0.00781                       260920.50
4025707.65        0.00798
         260942.29    4025725.34        0.00815                       260964.09
4025743.04        0.00830
         260985.88    4025760.73        0.00845                       261007.68
4025778.43        0.00858
         261029.47    4025796.12        0.00871                       261051.26
4025813.82        0.00883
         261073.06    4025831.51        0.00893                       261094.85
4025849.21        0.00901
         261116.65    4025866.90        0.00905                       261138.44
4025884.59        0.00908
         261160.23    4025902.29        0.00909                       261182.03
4025919.98        0.00909
         261203.82    4025937.68        0.00907                       261225.62
4025955.37        0.00904
         261247.41    4025973.07        0.00901                       261269.20
4025990.76        0.00896
         261291.00    4026008.46        0.00891                       261312.79
4026026.15        0.00884
         261334.59    4026043.85        0.00875                       261356.38
4026061.54        0.00865
         261378.18    4026079.24        0.00854                       261399.97
4026096.93        0.00840
         261421.76    4026114.63        0.00824                       259786.65
4026922.81        0.04030
         259785.22    4026946.18        0.04444                       259786.24
4026967.32        0.04888
         259787.46    4026993.13        0.05502                       259786.85
4027016.70        0.06134
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3B ***
INCLUDING SOURCE(S): PHASE3B ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260122.88	4026867.29	0.98391	260099.69	4026867.81	0.98352
260076.51	4026868.33	0.93264	260053.32	4026868.85	0.88348
260030.13	4026869.37	0.80644	260006.94	4026869.89	0.66748
259983.76	4026870.42	0.44993	259960.57	4026870.94	0.25425
260145.51	4026841.77	0.61531	260122.32	4026842.29	0.61824
260099.13	4026842.82	0.60006	260075.94	4026843.34	0.55613
260052.76	4026843.86	0.50647	260029.57	4026844.38	0.43230
260006.38	4026844.90	0.33276	259983.19	4026845.42	0.22960
259960.01	4026845.94	0.15713	260157.65	4026818.69	0.44258
260121.76	4026817.30	0.42173	260098.57	4026817.82	0.39926
260075.38	4026818.34	0.36074	260052.19	4026818.86	0.31414
260029.01	4026819.39	0.25782	260005.82	4026819.91	0.19738
259982.63	4026820.43	0.14515	259959.44	4026820.95	0.10959
260161.32	4026794.34	0.33068	260121.20	4026792.31	0.30073
260098.01	4026792.83	0.27696	260074.82	4026793.35	0.24506
260051.63	4026793.87	0.20832	260028.45		

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4026794.39        0.16896
         260005.26    4026794.91        0.13180                    259982.07
4026795.43        0.10214
         259958.88    4026795.96        0.08155                    260160.19
4026744.35        0.19468
         260120.07    4026742.32        0.16525                    260096.88
4026742.84        0.14682
         260073.70    4026743.36        0.12679                    260050.51
4026743.88        0.10654
         260027.32    4026744.40        0.08779                    260004.13
4026744.93        0.07196
         259980.95    4026745.45        0.05958                    259957.76
4026745.97        0.05056
         260164.72    4026695.21        0.12363                    260187.30
4026698.62        0.13551
         260142.14    4026691.81        0.10951                    260118.95
4026692.33        0.09791
         260095.76    4026692.85        0.08586                    260072.57
4026693.37        0.07422
         260049.39    4026693.90        0.06317                    260026.20
4026694.42        0.05351
         260003.01    4026694.94        0.04556                    259979.82
4026695.46        0.03934
         259956.64    4026695.98        0.03455                    260162.18
4026645.01        0.07974
         260204.52    4026651.40        0.09615                    260117.82
4026642.34        0.06271
         260094.64    4026642.87        0.05500                    260071.45
4026643.39        0.04783
         260048.26    4026643.91        0.04144                    260025.07
4026644.43        0.03600
         260001.89    4026644.95        0.03154                    259978.70
4026645.47        0.02800
         259955.51    4026645.99        0.02520                    260160.21
4026594.90        0.05412
         260200.85    4026601.03        0.06606                    260116.70
4026592.36        0.04266
         260093.51    4026592.88        0.03757                    260070.33
4026593.40        0.03300
         260047.14    4026593.92        0.02907                    260023.95
4026594.44        0.02573
         260000.76    4026594.96        0.02301                    259977.58
4026595.48        0.02083
         259954.39    4026596.01        0.01909                    260160.22
4026495.27        0.02855
         260182.80    4026498.67        0.03203                    260205.38
4026502.07        0.03560
         260227.96    4026505.48        0.03913                    260250.54
4026508.88        0.04248
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B ***
                                 INCLUDING SOURCE(S):   PHASE3B   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         260137.64   4026491.86   0.02527   260114.45
4026492.38   0.02271
         260091.27   4026492.90   0.02035   260068.08
4026493.42   0.01823
         260044.89   4026493.95   0.01639   260021.70
4026494.47   0.01487
         259998.52   4026494.99   0.01365   259975.33
4026495.51   0.01268
         259952.14   4026496.03   0.01191   260156.56
4026395.08   0.01680
         260198.90   4026401.46   0.02039   260241.24
4026407.84   0.02422
         260283.58   4026414.23   0.02801   260112.21
4026392.41   0.01382
         260089.02   4026392.93   0.01258   260065.83
4026393.45   0.01147
         260042.64   4026393.97   0.01050   260019.46
4026394.49   0.00969
         259996.27   4026395.01   0.00903   259973.08
4026395.54   0.00850
         259949.89   4026396.06   0.00808   260155.73
4026295.32   0.01104
         260178.31   4026298.72   0.01212   260200.89
4026302.12   0.01329
         260223.47   4026305.53   0.01451   260246.05
4026308.93   0.01576
         260268.63   4026312.34   0.01702   260291.21
4026315.74   0.01830
         260313.79   4026319.15   0.01957   260133.15

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4026291.91        0.01004
         260109.96    4026292.43        0.00923                    260086.77
4026292.95        0.00850
         260063.58    4026293.48        0.00784                    260040.40
4026294.00        0.00728
         260017.21    4026294.52        0.00681                    259994.02
4026295.04        0.00642
         259970.83    4026295.56        0.00611                    259947.65
4026296.08        0.00586
         260152.45    4026195.19        0.00772                    260195.56
4026201.69        0.00906
         260238.67    4026208.18        0.01053                    260281.77
4026214.68        0.01209
         260324.88    4026221.18        0.01372                    260107.71
4026192.46        0.00660
         260084.52    4026192.98        0.00613                    260061.34
4026193.50        0.00571
         260038.15    4026194.02        0.00536                    260014.96
4026194.54        0.00506
         259991.77    4026195.06        0.00482                    259968.59
4026195.59        0.00462
         259945.40    4026196.11        0.00445                    260148.18
4025995.27        0.00440
         260191.72    4026001.84        0.00508                    260235.27
4026008.40        0.00578
         260278.82    4026014.97        0.00650                    260322.37
4026021.53        0.00726
         260365.91    4026028.10        0.00804                    260409.46
4026034.66        0.00887
         260103.22    4025992.51        0.00385                    260080.03
4025993.03        0.00365
         260056.84    4025993.55        0.00346                    260033.65
4025994.07        0.00330
         260010.47    4025994.59        0.00316                    259987.28
4025995.11        0.00305
         259964.09    4025995.64        0.00296                    259940.90
4025996.16        0.00288
         260143.82    4025795.34        0.00289                    260187.66
4025801.95        0.00326
         260231.49    4025808.56        0.00367                    260275.32
4025815.17        0.00409
         260319.15    4025821.78        0.00450                    260362.98
4025828.38        0.00491
         260406.82    4025834.99        0.00535                    260450.65
4025841.60        0.00582
         260098.72    4025792.56        0.00259                    260075.53
4025793.08        0.00247
         260052.35    4025793.60        0.00237                    260029.16
4025794.12        0.00228
         260005.97    4025794.64        0.00221                    259982.78
```

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3B ***
                                   INCLUDING SOURCE(S):   PHASE3B   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                ** CONC OF OTHER   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

```
4025442.09        0.00279
         260488.44    4025448.75        0.00297                    260532.61
4025455.41        0.00315
         260576.79    4025462.07        0.00335                    260089.73
4025392.66        0.00147
         260066.54    4025393.18        0.00143                    260043.36
4025393.70        0.00139
         260020.17    4025394.22        0.00136                    259996.98
4025394.75        0.00134
         259973.79    4025395.27        0.00131                    259950.61
4025395.79        0.00129
         259927.42    4025396.31        0.00128                    259936.53
4026919.72        0.34978
         259936.93    4026943.08        0.42510                    259937.33
4026966.44        0.47686
         259937.73    4026989.80        0.50963                    259938.13
4027013.16        0.52463
         259918.11    4026879.03        0.14150                    259911.54
4026920.14        0.19969
         259911.93    4026943.51        0.23732                    259912.33
4026966.87        0.26645
         259912.73    4026990.23        0.28716                    259913.13
4027013.59        0.29860
         259893.11    4026879.46        0.10417                    259924.52
4026836.29        0.09204
         259886.54    4026920.57        0.13482                    259886.94
4026943.93        0.15625
         259887.34    4026967.29        0.17404                    259887.73
4026990.66        0.18789
         259888.13    4027014.02        0.19603                    259868.12
4026879.88        0.08065
         259882.06    4026844.38        0.06855                    259906.50
4026818.96        0.06644
         259861.54    4026921.00        0.09898                    259861.94
4026944.36        0.11250
         259862.34    4026967.72        0.12425                    259862.74
4026991.08        0.13321
         259863.14    4027014.44        0.13895                    259819.52
4026877.19        0.05253
         259827.89    4026855.88        0.04929                    259836.25
4026834.58        0.04561
         259844.62    4026813.28        0.04166                    259873.94
4026782.78        0.03991
         259894.90    4026773.58        0.04230                    259915.85
4026764.37        0.04483
         259936.80    4026755.17        0.04750                    259811.55
4026921.85        0.06107
         259811.95    4026945.21        0.06712                    259812.35
4026968.57        0.07270
         259812.75    4026991.93        0.07722                    259813.14
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                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B ***
                                  INCLUDING SOURCE(S):   PHASE3B   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         259801.00   4026797.90   0.02994   259836.90
4026748.57   0.02632
         259876.81   4026731.04   0.02876   259916.72
4026713.51   0.03155
         259718.91   4026880.47   0.02824   259734.41
4026841.02   0.02658
         259749.90   4026801.57   0.02411   259765.40
4026762.13   0.02120
         259800.30   4026714.16   0.01861   259839.10
4026697.12   0.01993
         259877.90   4026680.08   0.02179   259916.71
4026663.03   0.02354
         259669.54   4026879.74   0.02186   259677.91
4026858.44   0.02152
         259686.28   4026837.14   0.02093   259694.64
4026815.84   0.02016
         259703.01   4026794.54   0.01928   259711.38
4026773.24   0.01831
         259719.75   4026751.94   0.01722   259728.11
4026730.63   0.01601
         259736.48   4026709.33   0.01478   259765.80
4026678.83   0.01388
         259786.76   4026669.63   0.01428   259807.71
4026660.42   0.01483
         259828.66   4026651.22   0.01550   259849.62

4026642.02 0.01623
259870.57 4026632.82 0.01692 259891.53
4026623.61 0.01752
259912.48 4026614.41 0.01807 259933.43
4026605.21 0.01858
259569.16 4026882.46 0.01429 259585.09
4026841.89 0.01405
259601.03 4026801.31 0.01327 259616.97
4026760.74 0.01255
259632.91 4026720.17 0.01185 259648.85
4026679.59 0.01053
259664.78 4026639.02 0.00900 259692.71
4026609.97 0.00850
259732.62 4026592.44 0.00888 259772.53
4026574.91 0.00957
259812.45 4026557.38 0.01038 259852.36
4026539.85 0.01105
259892.27 4026522.32 0.01148 259485.81
4026841.80 0.01009
259502.22 4026800.04 0.00972 259518.63
4026758.27 0.00939
259535.03 4026716.50 0.00911 259543.24
4026695.62 0.00886
259559.64 4026653.85 0.00816 259576.05
4026612.08 0.00716
259592.46 4026570.32 0.00622 259621.20
4026540.41 0.00573
259662.29 4026522.37 0.00588 259703.37
4026504.32 0.00634
259744.46 4026486.28 0.00690 259785.55
4026468.23 0.00743
259826.63 4026450.19 0.00778 259867.72
4026432.14 0.00794
259888.26 4026423.12 0.00798 259377.95
4026863.56 0.00792
259386.32 4026842.26 0.00781 259394.69
4026820.95 0.00767
259403.05 4026799.65 0.00751 259411.42
4026778.35 0.00736
259419.79 4026757.05 0.00724 259428.16
4026735.75 0.00715
259436.52 4026714.45 0.00705 259444.89
4026693.15 0.00698
259453.26 4026671.84 0.00691 259461.63
4026650.54 0.00678
259469.99 4026629.24 0.00658 259478.36
4026607.94 0.00630
259486.73 4026586.64 0.00597 259495.10
4026565.34 0.00561
259503.46 4026544.04 0.00524 259511.83

4026522.74   0.00488
         259520.20   4026501.43   0.00456   259549.52
4026470.93   0.00424
         259570.47   4026461.73   0.00422   259591.43
4026452.53   0.00425
↑ *** AERMOD - VERSION 23132 ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc   ***   07/04/24
 *** AERMET - VERSION 21112 ***   ***
                       ***   18:20:08

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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B ***
                                  INCLUDING SOURCE(S):   PHASE3B   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

```
4026843.03        0.00639
         259295.19    4026821.42        0.00626                   259303.67
4026799.81        0.00610
         259312.16    4026778.20        0.00594                   259320.65
4026756.59        0.00580
         259329.14    4026734.98        0.00569                   259337.63
4026713.37        0.00562
         259346.12    4026691.76        0.00558                   259354.61
4026670.15        0.00555
         259363.10    4026648.54        0.00553                   259371.58
4026626.93        0.00549
         259380.07    4026605.32        0.00540                   259388.56
4026583.71        0.00528
         259397.05    4026562.10        0.00508                   259405.54
4026540.49        0.00484
         259414.03    4026518.88        0.00456                   259422.52
4026497.27        0.00427
         259431.00    4026475.66        0.00399                   259439.49
4026454.05        0.00373
         259447.98    4026432.44        0.00349                   259477.73
4026401.50        0.00324
         259498.99    4026392.16        0.00325                   259520.24
4026382.83        0.00328
         259541.50    4026373.49        0.00333                   259562.76
4026364.15        0.00341
         259584.02    4026354.82        0.00352                   259605.27
4026345.48        0.00365
         259626.53    4026336.15        0.00380                   259647.79
4026326.81        0.00396
         259669.05    4026317.47        0.00411                   259690.31
4026308.14        0.00425
         259711.56    4026298.80        0.00437                   259732.82
4026289.47        0.00445
         259754.08    4026280.13        0.00450                   259775.34
4026270.79        0.00452
         259796.59    4026261.46        0.00452                   259817.85
4026252.12        0.00450
         259839.11    4026242.79        0.00447                   259860.37
4026233.45        0.00444
         259881.62    4026224.11        0.00443                   259902.88
4026214.78        0.00442
         259924.14    4026205.44        0.00442                   259261.63
4026931.23        0.00657
         259262.03    4026954.59        0.00665                   259262.43
4026977.95        0.00674
         259262.83    4027001.31        0.00682                   259263.22
4027024.67        0.00691
         259263.62    4027048.03        0.00703                   259069.63
4026889.97        0.00462
         259078.00    4026868.67        0.00462                   259086.36
```

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B ***
                                  INCLUDING SOURCE(S):   PHASE3B   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

```
4026253.83        0.00216
         259375.14    4026244.63        0.00215                    259396.10
4026235.42        0.00216
         259417.05    4026226.22        0.00218                    259438.01
4026217.02        0.00222
         259458.96    4026207.82        0.00228                    259479.91
4026198.61        0.00234
         259500.87    4026189.41        0.00242                    259521.82
4026180.21        0.00251
         259542.78    4026171.01        0.00261                    259563.73
4026161.80        0.00271
         259584.68    4026152.60        0.00280                    259605.64
4026143.40        0.00288
         259626.59    4026134.20        0.00295                    259647.55
4026124.99        0.00299
         259668.50    4026115.79        0.00302                    259689.45
4026106.59        0.00302
         259710.41    4026097.39        0.00301                    259731.36
4026088.18        0.00300
         259752.32    4026078.98        0.00297                    259773.27
4026069.78        0.00294
         259794.23    4026060.58        0.00291                    259815.18
4026051.37        0.00289
         259836.13    4026042.17        0.00287                    259857.09
4026032.97        0.00285
         259878.04    4026023.77        0.00285                    259899.00
4026014.56        0.00285
         259919.95    4026005.36        0.00286                    259061.66
4026934.64        0.00461
         259062.06    4026958.00        0.00461                    259062.46
4026981.36        0.00464
         259062.85    4027004.72        0.00468                    259063.25
4027028.08        0.00474
         259063.65    4027051.44        0.00482                    258869.81
4026892.99        0.00360
         258878.33    4026871.29        0.00361                    258886.86
4026849.60        0.00365
         258895.38    4026827.90        0.00367                    258903.90
4026806.20        0.00365
         258912.42    4026784.51        0.00361                    258920.95
4026762.81        0.00353
         258929.47    4026741.12        0.00342                    258937.99
4026719.42        0.00330
         258946.51    4026697.73        0.00318                    258955.04
4026676.03        0.00307
         258963.56    4026654.33        0.00297                    258972.08
4026632.64        0.00290
         258980.60    4026610.94        0.00285                    258989.12
4026589.25        0.00282
         258997.65    4026567.55        0.00281                    259006.17
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4026545.85   0.00283
         259014.69   4026524.16   0.00285   259023.21
4026502.46   0.00288
         259031.74   4026480.77   0.00290   259040.26
4026459.07   0.00292
         259048.78   4026437.38   0.00292   259057.30
4026415.68   0.00289
         259065.83   4026393.98   0.00284   259074.35
4026372.29   0.00277

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B ***
                                   INCLUDING SOURCE(S):   PHASE3B   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

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4026039.91        0.00173
         259402.86    4026030.53        0.00179                    259424.20
4026021.16        0.00185
         259445.54    4026011.79        0.00192                    259466.88
4026002.41        0.00198
         259488.22    4025993.04        0.00205                    259509.57
4025983.67        0.00211
         259530.91    4025974.29        0.00216                    259552.25
4025964.92        0.00219
         259573.59    4025955.55        0.00222                    259594.94
4025946.18        0.00223
         259616.28    4025936.80        0.00223                    259637.62
4025927.43        0.00222
         259658.96    4025918.06        0.00220                    259680.30
4025908.68        0.00218
         259701.65    4025899.31        0.00215                    259722.99
4025889.94        0.00212
         259744.33    4025880.56        0.00209                    259765.67
4025871.19        0.00207
         259787.01    4025861.82        0.00206                    259808.36
4025852.45        0.00205
         259829.70    4025843.07        0.00204                    259851.04
4025833.70        0.00204
         259872.38    4025824.33        0.00204                    259893.72
4025814.95        0.00204
         259915.07    4025805.58        0.00205                    258861.29
4026914.68        0.00351
         258861.69    4026938.04        0.00347                    258862.09
4026961.41        0.00346
         258862.48    4026984.77        0.00350                    258862.88
4027008.13        0.00353
         258863.28    4027031.49        0.00357                    258863.68
4027054.85        0.00363
         258669.75    4026896.63        0.00288                    258678.18
4026875.16        0.00293
         258686.62    4026853.69        0.00296                    258695.05
4026832.23        0.00299
         258703.48    4026810.76        0.00299                    258711.91
4026789.29        0.00298
         258720.34    4026767.83        0.00295                    258728.78
4026746.36        0.00291
         258737.21    4026724.89        0.00284                    258745.64
4026703.43        0.00277
         258754.07    4026681.96        0.00269                    258762.51
4026660.50        0.00260
         258770.94    4026639.03        0.00252                    258779.37
4026617.56        0.00244
         258787.80    4026596.10        0.00237                    258796.23
4026574.63        0.00231
         258804.67    4026553.16        0.00226                    258813.10
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4026531.70        0.00223
         258821.53    4026510.23        0.00222                       258829.96
4026488.76        0.00222
         258838.40    4026467.30        0.00223                       258846.83
4026445.83        0.00226
         258855.26    4026424.36        0.00228                       258863.69
4026402.90        0.00231
         258872.13    4026381.43        0.00233                       258880.56
4026359.97        0.00234
         258888.99    4026338.50        0.00233                       258897.42
4026317.03        0.00232
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 264
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B  ***
                                  INCLUDING SOURCE(S):     PHASE3B     ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         258905.85    4026295.57        0.00228                       258914.29
4026274.10        0.00223
         258922.72    4026252.63        0.00217                       258931.15
4026231.17        0.00210
         258939.58    4026209.70        0.00203                       258948.02
4026188.23        0.00194
         258956.45    4026166.77        0.00185                       258964.88
4026145.30        0.00176
         258973.31    4026123.83        0.00168                       258981.74
4026102.37        0.00160
         258990.18    4026080.90        0.00152                       258998.61
4026059.44        0.00145
         259007.04    4026037.97        0.00139                       259015.47
4026016.50        0.00133
         259045.02    4025985.76        0.00127                       259066.14
4025976.49        0.00126
         259087.25    4025967.21        0.00125                       259108.37
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4025957.94        0.00124
         259129.49    4025948.67        0.00124                    259150.60
4025939.39        0.00124
         259171.72    4025930.12        0.00125                    259192.84
4025920.84        0.00125
         259213.95    4025911.57        0.00127                    259235.07
4025902.30        0.00129
         259256.19    4025893.02        0.00132                    259277.30
4025883.75        0.00135
         259298.42    4025874.48        0.00139                    259319.54
4025865.20        0.00144
         259340.65    4025855.93        0.00149                    259361.77
4025846.65        0.00154
         259382.89    4025837.38        0.00158                    259404.00
4025828.11        0.00163
         259425.12    4025818.83        0.00167                    259446.23
4025809.56        0.00170
         259467.35    4025800.28        0.00172                    259488.47
4025791.01        0.00174
         259509.58    4025781.74        0.00175                    259530.70
4025772.46        0.00175
         259551.82    4025763.19        0.00174                    259572.93
4025753.91        0.00173
         259594.05    4025744.64        0.00172                    259615.17
4025735.37        0.00170
         259636.28    4025726.09        0.00168                    259657.40
4025716.82        0.00166
         259678.52    4025707.55        0.00163                    259699.63
4025698.27        0.00161
         259720.75    4025689.00        0.00160                    259741.87
4025679.72        0.00158
         259762.98    4025670.45        0.00157                    259784.10
4025661.18        0.00157
         259805.21    4025651.90        0.00157                    259826.33
4025642.63        0.00156
         259847.45    4025633.35        0.00157                    259868.56
4025624.08        0.00157
         259889.68    4025614.81        0.00157                    259910.80
4025605.53        0.00158
         258661.32    4026918.09        0.00283                    258661.72
4026941.45        0.00280
         258662.12    4026964.82        0.00279                    258662.51
4026988.18        0.00278
         258662.91    4027011.54        0.00280                    258663.31
4027034.90        0.00284
         258663.71    4027058.26        0.00291                    258469.89
4026899.77        0.00237
         258478.42    4026878.03        0.00244                    258486.96
4026856.29        0.00249
         258495.50    4026834.56        0.00253                    258504.04
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4026812.82        0.00256
         258512.58    4026791.09        0.00256                       258521.11
4026769.35        0.00255
         258529.65    4026747.61        0.00254                       258538.19
4026725.88        0.00252
         258546.73    4026704.14        0.00249                       258555.27
4026682.41        0.00244
         258563.81    4026660.67        0.00237                       258572.34
4026638.93        0.00230
         258580.88    4026617.20        0.00222                       258589.42
4026595.46        0.00214
         258597.96    4026573.73        0.00207                       258606.50
4026551.99        0.00200
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 265
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B  ***
                                  INCLUDING SOURCE(S):     PHASE3B     ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         258615.03    4026530.25        0.00194                       258623.57
4026508.52        0.00189
         258632.11    4026486.78        0.00185                       258640.65
4026465.05        0.00183
         258649.19    4026443.31        0.00182                       258657.73
4026421.57        0.00183
         258666.26    4026399.84        0.00184                       258674.80
4026378.10        0.00186
         258683.34    4026356.37        0.00188                       258691.88
4026334.63        0.00191
         258700.42    4026312.89        0.00193                       258708.95
4026291.16        0.00194
         258717.49    4026269.42        0.00195                       258726.03
4026247.69        0.00195
         258734.57    4026225.95        0.00193                       258743.11
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4026204.21        0.00190
         258751.64    4026182.48        0.00187                    258760.18
4026160.74        0.00183
         258768.72    4026139.01        0.00178                    258777.26
4026117.27        0.00173
         258785.80    4026095.53        0.00167                    258794.34
4026073.80        0.00160
         258802.87    4026052.06        0.00154                    258811.41
4026030.33        0.00147
         258819.95    4026008.59        0.00140                    258828.49
4025986.85        0.00134
         258837.03    4025965.12        0.00128                    258845.56
4025943.38        0.00122
         258854.10    4025921.65        0.00117                    258862.64
4025899.91        0.00113
         258871.18    4025878.17        0.00109                    258901.10
4025847.05        0.00105
         258922.48    4025837.66        0.00104                    258943.86
4025828.27        0.00103
         258965.24    4025818.88        0.00103                    258986.63
4025809.49        0.00103
         259008.01    4025800.09        0.00102                    259029.39
4025790.70        0.00102
         259050.77    4025781.31        0.00102                    259072.15
4025771.92        0.00103
         259093.53    4025762.53        0.00103                    259114.92
4025753.14        0.00105
         259136.30    4025743.75        0.00106                    259157.68
4025734.36        0.00109
         259179.06    4025724.97        0.00111                    259200.44
4025715.58        0.00115
         259221.82    4025706.19        0.00118                    259243.21
4025696.80        0.00122
         259264.59    4025687.41        0.00126                    259285.97
4025678.02        0.00130
         259307.35    4025668.63        0.00133                    259328.73
4025659.24        0.00136
         259350.11    4025649.85        0.00138                    259371.50
4025640.46        0.00140
         259392.88    4025631.07        0.00142                    259414.26
4025621.68        0.00143
         259435.64    4025612.29        0.00144                    259457.02
4025602.90        0.00144
         259478.40    4025593.51        0.00143                    259499.79
4025584.12        0.00143
         259521.17    4025574.73        0.00141                    259542.55
4025565.34        0.00140
         259563.93    4025555.95        0.00138                    259585.31
4025546.55        0.00136
         259606.69    4025537.16        0.00134                    259628.08
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4025527.77        0.00132
         259649.46    4025518.38        0.00131                       259670.84
4025508.99        0.00129
         259692.22    4025499.60        0.00128                       259713.60
4025490.21        0.00127
         259734.98    4025480.82        0.00127                       259756.37
4025471.43        0.00126
         259777.75    4025462.04        0.00126                       259799.13
4025452.65        0.00127
         259820.51    4025443.26        0.00127                       259841.89
4025433.87        0.00127
         259863.27    4025424.48        0.00127                       259884.66
4025415.09        0.00127
         259906.04    4025405.70        0.00127                       258461.35
4026921.50        0.00232
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 266
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B  ***
                                  INCLUDING SOURCE(S):     PHASE3B     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         258461.75    4026944.86        0.00230                       258462.14
4026968.23        0.00228
         258462.54    4026991.59        0.00228                       258462.94
4027014.95        0.00230
         258463.34    4027038.31        0.00234                       258463.74
4027061.67        0.00240
         259934.28    4026786.78        0.06114                       259843.61
4026789.17        0.03519
         259775.62    4026790.96        0.02565                       259910.29
4026737.40        0.03566
         259796.97    4026740.38        0.02120                       259774.30
4026740.98        0.01957
         259751.64    4026741.57        0.01818                       259930.33
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4026636.84 0.02160
259794.33 4026640.42 0.01300 259771.67
4026641.01 0.01202
259749.00 4026641.61 0.01120 259950.36
4026536.27 0.01414
259927.70 4026536.87 0.01332 259791.70
4026540.45 0.00916
259769.04 4026541.05 0.00852 259746.37
4026541.64 0.00792
259947.73 4026436.31 0.00921 259925.07
4026436.90 0.00885
259789.07 4026440.48 0.00697 259766.41
4026441.08 0.00660
259743.74 4026441.68 0.00623 259945.10
4026336.34 0.00659
259922.43 4026336.94 0.00636 259786.44
4026340.52 0.00540
259763.77 4026341.12 0.00522 259741.11
4026341.71 0.00502
259939.84 4026136.41 0.00383 259917.17
4026137.01 0.00373
259894.50 4026137.61 0.00365 259871.84
4026138.20 0.00358
259849.17 4026138.80 0.00353 259826.51
4026139.40 0.00348
259803.84 4026139.99 0.00344 259781.18
4026140.59 0.00341
259758.51 4026141.19 0.00337 259735.85
4026141.78 0.00333
259934.57 4025936.48 0.00257 259911.91
4025937.08 0.00251
259889.24 4025937.67 0.00247 259866.58
4025938.27 0.00243
259843.91 4025938.87 0.00239 259821.24
4025939.46 0.00237
259798.58 4025940.06 0.00234 259775.91
4025940.66 0.00233
259753.25 4025941.25 0.00232 259730.58
4025941.85 0.00231
259929.31 4025736.55 0.00188 259906.64
4025737.15 0.00185
259883.98 4025737.74 0.00183 259861.31
4025738.34 0.00180
259838.65 4025738.94 0.00178 259815.98
4025739.53 0.00176
259793.32 4025740.13 0.00174 259770.65
4025740.73 0.00173
259747.99 4025741.32 0.00172 259725.32
4025741.92 0.00171
259924.05 4025536.62 0.00147 259901.38

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4025537.22        0.00145
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4025538.41        0.00142
         259833.38    4025539.01        0.00140                       259810.72
4025539.60        0.00139
         259788.05    4025540.20        0.00137                       259765.39
4025540.80        0.00136
         259742.72    4025541.39        0.00135                       259720.06
4025541.99        0.00135
         260259.41    4027030.57        0.14157                       260258.91
4027007.71        0.17463
         260258.41    4026984.85        0.20645                       260257.92
4026961.98        0.23581
         260257.42    4026939.12        0.26116                       260256.92
4026916.26        0.28027
         260256.42    4026893.39        0.29210                       260359.39
4027028.40        0.04422
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 267
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B  ***
                                    INCLUDING SOURCE(S):     PHASE3B     ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4026982.67        0.05996
         260357.89    4026959.81        0.06904                       260357.39
4026936.94        0.07846
         260356.90    4026914.08        0.08782                       260356.40
4026891.22        0.09670
         260459.36    4027026.22        0.02146                       260458.87
4027003.35        0.02412
         260458.37    4026980.49        0.02708                       260457.87
4026957.63        0.03027
         260457.37    4026934.76        0.03369                       260456.87
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4026911.90        0.03729
         260456.37    4026889.04        0.04102                   260659.32
4027021.86        0.00839
         260658.82    4026998.99        0.00894                   260658.32
4026976.13        0.00961
         260657.82    4026953.27        0.01044                   260657.32
4026930.40        0.01130
         260656.82    4026907.54        0.01215                   260656.33
4026884.68        0.01303
         260859.27    4027017.50        0.00474                   260858.77
4026994.64        0.00492
         260858.27    4026971.77        0.00515                   260857.77
4026948.91        0.00542
         260857.28    4026926.05        0.00569                   260856.78
4026903.18        0.00598
         260856.28    4026880.32        0.00631                   261059.22
4027013.14        0.00318
         261058.72    4026990.28        0.00327                   261058.22
4026967.42        0.00337
         261057.73    4026944.55        0.00345                   261057.23
4026921.69        0.00355
         261056.73    4026898.83        0.00366                   261056.23
4026875.96        0.00381
         261259.17    4027008.78        0.00237                   261258.68
4026985.92        0.00241
         261258.18    4026963.06        0.00246                   261257.68
4026940.19        0.00251
         261257.18    4026917.33        0.00255                   261256.68
4026894.47        0.00259
         261256.18    4026871.60        0.00264                   259796.13
4026879.73        0.04505
         259754.95    4026854.32        0.03125                   259754.15
4026829.33        0.02788
         259782.14    4026815.29        0.02997                   259810.93
4026826.23        0.03712
         259798.03    4026771.96        0.02547                   259766.16
4026710.47        0.01623
         259713.18    4026705.57        0.01364                   259863.07
4026697.95        0.02235
         259730.08    4026655.01        0.01124                   259763.58
4026610.76        0.01044
         259879.85    4026654.96        0.01940                   259977.30
4026719.03        0.04587
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4026510.93        0.00770
         259828.46    4026536.69        0.01017                   259879.27
4026556.01        0.01266
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4026411.06        0.00603
         259877.69    4026456.67        0.00877                   259911.97
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4026625.19        0.06084
         260182.16    4026725.77        0.17055                       260197.01
4026759.29        0.23248
         260211.87    4026792.82        0.30005                       260226.72
4026826.34        0.34826
         260241.57    4026859.87        0.34323                       259754.68
4026311.16        0.00481
         259875.60    4026357.14        0.00635                       259910.15
4026370.27        0.00694
         260031.07    4026416.25        0.01099                       260065.62
4026429.38        0.01334
         260100.17    4026442.52        0.01648                       260134.71
4026455.65        0.02053
         260199.20    4026536.38        0.04286                       260214.18
4026570.17        0.05592
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 268
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B  ***
                                  INCLUDING SOURCE(S):     PHASE3B     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         260229.15    4026603.97        0.07255                       260244.12
4026637.76        0.09307
         260259.09    4026671.55        0.11678                       260274.06
4026705.35        0.14023
         260289.03    4026739.14        0.15812                       260304.00
4026772.94        0.16423
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         260036.52    4026319.58        0.00783                    260070.11
4026332.35        0.00921
         260103.69    4026345.12        0.01099                    260137.28
4026357.90        0.01321
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4026389.82        0.02085
         260252.61    4026429.06        0.02783                    260267.16
4026461.92        0.03425
         260281.71    4026494.77        0.04206                    260296.27
4026527.63        0.05128
         260310.82    4026560.48        0.06174                    260325.38
4026593.34        0.07278
         260339.93    4026626.19        0.08306                    260354.49
4026659.05        0.09097
         260369.04    4026691.90        0.09464                    260383.60
4026724.76        0.09279
         260398.15    4026757.62        0.08590                    260412.71
4026790.47        0.07547
         260427.26    4026823.33        0.06353                    260441.82
4026856.18        0.05162
         259715.72    4026205.24        0.00370                    259744.88
4026011.23        0.00261
         259778.98    4026024.19        0.00270                    259864.21
4026056.60        0.00300
         259898.31    4026069.56        0.00317                    259932.40
4026082.52        0.00338
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4026108.45        0.00397
         260034.68    4026121.41        0.00440                    260068.78
4026134.38        0.00496
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4026160.30        0.00660
         260171.06    4026173.26        0.00766                    260222.20
4026192.71        0.00953
         260341.53    4026238.08        0.01512                    260383.01
4026267.72        0.01824
         260397.79    4026301.06        0.02112                    260412.56
4026334.41        0.02436
         260427.33    4026367.76        0.02786                    260442.11
4026401.11        0.03148
         260456.88    4026434.46        0.03504                    260471.65
4026467.81        0.03825
         260486.43    4026501.16        0.04078                    260501.20
4026534.51        0.04233
         260515.98    4026567.86        0.04255                    260530.75
4026601.21        0.04131
         260545.52    4026634.56        0.03870                    260560.30
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         260575.07    4026701.26        0.03095                       260589.84
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         260604.62    4026767.96        0.02315                       260619.39
4026801.30        0.01975
         260634.17    4026834.65        0.01672                       259709.35
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4025824.48        0.00194
         259859.15    4025857.20        0.00212                       259893.58
4025870.29        0.00222
         259928.00    4025883.38        0.00233                       259962.42
4025896.47        0.00247
         259996.85    4025909.55        0.00264                       260031.27
4025922.64        0.00286
         260065.69    4025935.73        0.00313                       260100.12
4025948.82        0.00350
         260134.54    4025961.91        0.00391                       260168.96
4025974.99        0.00447
         260341.08    4026040.43        0.00795                       260375.50
4026053.52        0.00882
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 269
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B  ***
                                  INCLUDING SOURCE(S):     PHASE3B     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         260409.93    4026066.61        0.00976                       260444.35
4026079.70        0.01074
         260478.78    4026092.79        0.01172                       260520.66
4026122.71        0.01335
         260535.57    4026156.38        0.01489                       260550.49
4026190.05        0.01650
         260565.41    4026223.72        0.01810                       260580.32
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4026324.74        0.02240
         260625.07    4026358.41        0.02337                    260639.99
4026392.08        0.02398
         260654.91    4026425.75        0.02409                    260669.82
4026459.43        0.02364
         260684.74    4026493.10        0.02262                    260699.66
4026526.77        0.02112
         260714.57    4026560.44        0.01934                    260729.49
4026594.11        0.01744
         260744.40    4026627.78        0.01560                    260759.32
4026661.45        0.01389
         260774.24    4026695.13        0.01240                    260789.15
4026728.80        0.01105
         260804.07    4026762.47        0.00981                    260818.99
4026796.14        0.00866
         260833.90    4026829.81        0.00762                    259702.97
4025805.44        0.00187
         259732.09    4025611.42        0.00146                    259766.12
4025624.36        0.00149
         259851.18    4025656.70        0.00161                    259885.21
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         259919.23    4025682.57        0.00174                    259953.26
4025695.51        0.00182
         259987.28    4025708.44        0.00191                    260021.31
4025721.38        0.00202
         260055.33    4025734.32        0.00217                    260089.36
4025747.25        0.00235
         260123.38    4025760.19        0.00258                    260157.41
4025773.13        0.00286
         260208.45    4025792.53        0.00337                    260344.55
4025844.28        0.00493
         260378.57    4025857.22        0.00537                    260412.60
4025870.15        0.00585
         260446.62    4025883.09        0.00637                    260480.65
4025896.02        0.00690
         260514.67    4025908.96        0.00742                    260548.70
4025921.90        0.00807
         260582.72    4025934.83        0.00863                    260616.75
4025947.77        0.00917
         260658.15    4025977.35        0.01010                    260672.89
4026010.63        0.01095
         260687.63    4026043.91        0.01181                    260702.38
4026077.19        0.01263
         260717.12    4026110.48        0.01339                    260731.86
4026143.76        0.01408
         260746.61    4026177.04        0.01466                    260761.35
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         260776.10    4026243.60        0.01547                    260790.84
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4026343.45        0.01512
         260835.07    4026376.73        0.01448                       260849.82
4026410.01        0.01364
         260864.56    4026443.30        0.01267                       260879.30
4026476.58        0.01165
         260894.05    4026509.86        0.01063                       260908.79
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         261041.49    4026842.68        0.00418                       259696.59
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         259725.84    4025411.57        0.00118                       259760.11
4025424.60        0.00121
         259845.80    4025457.18        0.00130                       259880.07
4025470.21        0.00134
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                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B  ***
                                  INCLUDING SOURCE(S):     PHASE3B     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4025496.27        0.00143
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4025522.34        0.00156
         260051.45    4025535.37        0.00164                       260085.72
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         260205.68    4025594.01        0.00237                  260291.37
4025626.59        0.00299
         260342.78    4025646.13        0.00337                  260377.05
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         260411.33    4025672.20        0.00388                  260445.60
4025685.23        0.00417
         260479.88    4025698.26        0.00449                  260514.15
4025711.29        0.00483
         260548.43    4025724.32        0.00520                  260582.70
4025737.35        0.00558
         260616.97    4025750.38        0.00594                  260651.25
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         260685.52    4025776.45        0.00666                  260719.80
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         260754.07    4025802.51        0.00734                  260795.77
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4025899.36        0.00894
         260840.33    4025932.88        0.00939                  260855.18
4025966.41        0.00979
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4026033.46        0.01047
         260899.74    4026066.98        0.01074                  260914.59
4026100.51        0.01095
         260929.44    4026134.04        0.01105                  260944.29
4026167.56        0.01103
         260959.14    4026201.09        0.01085                  260974.00
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         260988.85    4026268.14        0.01006                  261003.70
4026301.67        0.00951
         261018.55    4026335.19        0.00890                  261033.40
4026368.72        0.00827
         261048.26    4026402.24        0.00766                  261063.11
4026435.77        0.00706
         261077.96    4026469.29        0.00656                  261092.81
4026502.82        0.00609
         261107.66    4026536.35        0.00569                  261122.52
4026569.87        0.00533
         261137.37    4026603.40        0.00499                  261152.22
4026636.92        0.00467
         261167.07    4026670.45        0.00434                  261181.92
4026703.97        0.00401
         261196.78    4026737.50        0.00367                  261211.63
4026771.03        0.00334
         261226.48    4026804.55        0.00305                  261241.33
4026838.08        0.00282
         259690.21    4025405.64        0.00117                  259694.18
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4026881.02   0.02480
         259644.51   4026882.10   0.01954   259619.68
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         259643.97   4026857.11   0.01842   259619.13
4026857.65   0.01661
         259569.47   4026858.74   0.01372   259544.63
4026859.28   0.01256
         259519.80   4026859.82   0.01156   259470.13
4026860.91   0.00997
         259445.30   4026861.45   0.00932   259643.42
4026832.12   0.01708
         259618.59   4026832.66   0.01547   259544.09
4026834.29   0.01196
         259519.25   4026834.83   0.01103   259444.75
4026836.46   0.00892
         259667.71   4026806.58   0.01740   259642.87
4026807.12   0.01548
         259568.37   4026808.75   0.01220   259543.54
4026809.29   0.01133
         259469.04   4026810.92   0.00905   259444.21
4026811.46   0.00851
         259691.45   4026756.05   0.01598   259666.62
4026756.59   0.01478
         259641.78   4026757.13   0.01350   259592.11
4026758.22   0.01167

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B ***
                                  INCLUDING SOURCE(S):   PHASE3B   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         259567.28   4026758.76   0.01092   259542.45
4026759.30   0.01014
         259492.78   4026760.39   0.00873   259467.95

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4026760.93        0.00819
         259443.11    4026761.48        0.00774                    259690.36
4026706.06        0.01292
         259665.52    4026706.60        0.01220                    259591.02
4026708.23        0.01027
         259566.19    4026708.77        0.00968                    259491.69
4026710.40        0.00805
         259466.85    4026710.95        0.00756                    259689.26
4026656.07        0.01025
         259639.60    4026657.16        0.00940                    259614.76
4026657.70        0.00907
         259589.93    4026658.24        0.00872                    259515.43
4026659.87        0.00767
         259490.59    4026660.41        0.00732                    259663.34
4026606.63        0.00788
         259638.50    4026607.17        0.00756                    259613.67
4026607.71        0.00730
         259539.17    4026609.34        0.00682                    259514.34
4026609.88        0.00663
         259439.84    4026611.51        0.00602                    259636.32
4026507.19        0.00534
         259611.49    4026507.74        0.00514                    259586.65
4026508.28        0.00497
         259561.82    4026508.82        0.00484                    259487.32
4026510.45        0.00461
         259462.48    4026510.99        0.00455                    259634.13
4026407.22        0.00430
         259609.30    4026407.76        0.00401                    259584.47
4026408.30        0.00380
         259559.63    4026408.85        0.00364                    259534.80
4026409.39        0.00352
         259435.47    4026411.56        0.00326                    259631.95
4026307.24        0.00371
         259607.12    4026307.78        0.00349                    259582.28
4026308.33        0.00329
         259557.45    4026308.87        0.00311                    259532.61
4026309.41        0.00295
         259507.78    4026309.96        0.00282                    259482.95
4026310.50        0.00272
         259458.11    4026311.04        0.00263                    259433.28
4026311.58        0.00257
         259679.43    4026206.18        0.00353                    259654.60
4026206.72        0.00340
         259629.76    4026207.27        0.00325                    259604.93
4026207.81        0.00310
         259580.10    4026208.35        0.00294                    259555.26
4026208.89        0.00277
         259530.43    4026209.44        0.00262                    259675.06
4026006.23        0.00254
         259650.23    4026006.77        0.00251                    259625.39
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4026007.31        0.00246
         259600.56    4026007.86        0.00242                       259575.73
4026008.40        0.00236
         259550.89    4026008.94        0.00229                       259526.06
4026009.48        0.00221
         259670.69    4025806.28        0.00187                       259645.86
4025806.82        0.00187
         259621.02    4025807.36        0.00187                       259596.19
4025807.90        0.00186
         259571.36    4025808.45        0.00185                       259546.52
4025808.99        0.00183
         259521.69    4025809.53        0.00181                       259666.32
4025606.32        0.00144
         259641.49    4025606.87        0.00144                       259616.65
4025607.41        0.00145
         259591.82    4025607.95        0.00145                       259566.99
4025608.49        0.00146
         259542.15    4025609.04        0.00146                       259517.32
4025609.58        0.00146
         259661.95    4025406.37        0.00116                       259637.12
4025406.91        0.00117
         259612.29    4025407.46        0.00117                       259587.45
4025408.00        0.00117
         259562.62    4025408.54        0.00118                       259537.78
4025409.08        0.00119
         259512.95    4025409.63        0.00119                       259488.12
4025410.17        0.00120
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 272
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B  ***
                                 INCLUDING SOURCE(S):     PHASE3B     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         259463.28    4025410.71        0.00120                       259438.45
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4025411.26 0.00120
259413.62 4025411.80 0.00120 259422.19
4026953.67 0.00987
259422.99 4026995.42 0.01024 259396.80
4026933.27 0.00903
259397.59 4026975.02 0.00938 259398.39
4027016.78 0.00969
259409.77 4026851.82 0.00838 259317.30
4026860.93 0.00695
259331.22 4026825.36 0.00674 259355.67
4026799.88 0.00676
259296.82 4026935.18 0.00713 259297.61
4026976.93 0.00729
259298.41 4027018.68 0.00747 259354.57
4026749.90 0.00615
259389.55 4026734.53 0.00650 259217.31
4026862.84 0.00579
259231.23 4026827.26 0.00567 259245.15
4026791.69 0.00544
259259.07 4026756.11 0.00518 259283.52
4026730.64 0.00516
259370.97 4026692.23 0.00588 259405.95
4026676.86 0.00623
259196.83 4026937.09 0.00580 259197.63
4026978.84 0.00588
259198.43 4027020.59 0.00600 259169.22
4026858.94 0.00534
259184.41 4026820.13 0.00521 259199.59
4026781.32 0.00498
259214.78 4026742.51 0.00471 259249.04
4026695.31 0.00462
259287.20 4026678.55 0.00487 259325.36
4026661.79 0.00519
259401.68 4026628.27 0.00583 259146.84
4026938.04 0.00531
259147.64 4026979.79 0.00538 259148.44
4027021.55 0.00549
259213.78 4026609.86 0.00401 259251.10
4026593.47 0.00421
259288.41 4026577.09 0.00443 259325.72
4026560.70 0.00465
259363.03 4026544.31 0.00471 258968.46
4026864.80 0.00400
258983.11 4026827.35 0.00398 258997.76
4026789.90 0.00388
259012.42 4026752.45 0.00371 259027.07
4026715.00 0.00351
259041.72 4026677.55 0.00332 259056.37
4026640.10 0.00319
259071.02 4026602.65 0.00314 259104.09

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4026557.11        0.00328
         259140.91    4026540.94        0.00347                        259177.73
4026524.76        0.00364
         259251.37    4026492.42        0.00377                        259288.19
4026476.25        0.00372
         259325.01    4026460.08        0.00362                        259361.83
4026443.90        0.00353
         259398.65    4026427.73        0.00340                        258946.88
4026941.86        0.00391
         258947.68    4026983.61        0.00391                        258948.47
4027025.36        0.00397
         259070.77    4026470.81        0.00305                        259108.93
4026454.05        0.00315
         259147.09    4026437.29        0.00320                        259185.25
4026420.53        0.00318
         259223.41    4026403.76        0.00307                        259299.72
4026370.24        0.00281
         259337.88    4026353.48        0.00270                        259376.04
4026336.72        0.00263
         258754.01    4026905.64        0.00312                        258769.00
4026867.32        0.00320
         258783.99    4026829.01        0.00325                        258798.98
4026790.69        0.00324
         258813.97    4026752.38        0.00315                        258828.96
4026714.06        0.00299
         258843.95    4026675.75        0.00282                        258858.94
4026637.43        0.00265
         258873.93    4026599.12        0.00253                        258888.92
4026560.80        0.00246
↑ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 273
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B  ***
                                 INCLUDING SOURCE(S):     PHASE3B     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4026684.24        0.00230
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4026607.88        0.00210
         258488.50    4026569.70        0.00197                        258503.44
4026531.52        0.00186
         258518.38    4026493.34        0.00177                        258533.31
4026455.15        0.00170
         258548.25    4026416.97        0.00167                        258563.19
4026378.79        0.00166
         258578.13    4026340.61        0.00169                        258593.07
4026302.43        0.00173
         258608.00    4026264.25        0.00176                        258622.94
4026226.07        0.00178
         258637.88    4026187.88        0.00178                        258671.59
4026141.46        0.00175
         258709.13    4026124.97        0.00174                        258746.66
4026108.48        0.00171
         258821.74    4026075.51        0.00160                        258859.28
4026059.02        0.00153
         258896.82    4026042.53        0.00145                        258934.36
4026026.04        0.00138
         258971.90    4026009.56        0.00133                        259009.43
4025993.07        0.00128
         258346.99    4026953.30        0.00209                        258347.79
4026995.05        0.00208
         258348.58    4027036.81        0.00213                        258154.17
4026916.97        0.00183
         258169.25    4026878.43        0.00193                        258184.33
4026839.88        0.00201
         258199.40    4026801.34        0.00206                        258214.48
4026762.80        0.00209
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 274
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B  ***
                                 INCLUDING SOURCE(S):     PHASE3B     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
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Y-COORD (M)        CONC
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4026338.46        0.00131
         258197.21    4026299.65        0.00128                       258212.40
4026260.83        0.00126
         258227.58    4026222.02        0.00127                       258242.77
4026183.21        0.00129
         258257.95    4026144.40        0.00132                       258273.14
4026105.58        0.00135
         258288.32    4026066.77        0.00137                       258303.51
4026027.96        0.00137
         258318.69    4025989.14        0.00136                       258333.88
4025950.33        0.00134
         258349.06    4025911.52        0.00131                       258383.33
4025864.33        0.00126
         258421.49    4025847.57        0.00122                       258459.64
4025830.81        0.00119
         258497.80    4025814.05        0.00114                       258535.96
4025797.28        0.00110
         258574.12    4025780.52        0.00105                       258612.28
4025763.76        0.00100
         258650.44    4025747.00        0.00096                       258688.60
4025730.24        0.00093
         258726.76    4025713.48        0.00090                       258764.92
4025696.72        0.00089
         258803.07    4025679.96        0.00088                       258841.23
4025663.20        0.00087
         258879.39    4025646.44        0.00086                       258917.55
4025629.68        0.00086
         258955.71    4025612.92        0.00086                       258993.87
4025596.16        0.00087
         259032.03    4025579.40        0.00090                       259070.19
4025562.64        0.00093
         259108.35    4025545.88        0.00098                       259146.50
4025529.12        0.00103
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 275
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B  ***
                                  INCLUDING SOURCE(S):     PHASE3B     ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
259184.66	4025512.36	0.00108	259222.82	4025495.60	0.00113
259260.98	4025478.84	0.00117	259299.14	4025462.08	0.00119
259337.30	4025445.32	0.00121	259375.46	4025428.56	0.00121
257947.06	4026960.93	0.00158	257947.86	4027002.69	0.00158
257948.65	4027044.44	0.00162	259440.80	4026786.83	0.00805
259379.45	4026788.79	0.00694	259436.01	4026636.90	0.00630
259432.81	4026536.95	0.00489	259426.43	4026337.06	0.00269
259420.04	4026137.16	0.00199	259379.14	4026138.47	0.00187
259413.66	4025937.26	0.00174	259372.76	4025938.57	0.00162
259407.27	4025737.36	0.00154	259366.37	4025738.67	0.00147
259400.88	4025537.46	0.00133	259359.98	4025538.77	0.00130
259359.62	4026838.10	0.00731	259400.71	4026338.79	0.00267
259330.90	4027040.02	0.00820	259334.08	4027080.58	0.00852
259338.10	4026995.92	0.00813	259305.97	4027041.98	0.00772
259309.16	4027082.54	0.00802	259338.57	4026970.92	0.00802
259282.64	4027064.21	0.00743	259285.83	4027104.77	0.00773
259320.38	4026953.78	0.00759	259259.31	4027086.45	0.00717
259219.74	4027011.60	0.00624	259233.19	4026973.40	0.00630
259206.28	4027049.81	0.00621	259209.47	4027090.37	0.00646
259176.62	4026996.42	0.00570	259156.43	4027053.73	0.00568
259159.62	4027094.29	0.00590	259113.32	4027038.54	0.00520
259126.77	4027000.33	0.00522	259192.54	4026858.76	0.00554
259267.22	4026827.36	0.00602	259108.18		

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4027077.92        0.00530
         259111.37    4027118.48        0.00551                       259090.38
4026966.04        0.00484
         259103.84    4026927.84        0.00494                       259117.29
4026889.63        0.00499
         259130.75    4026851.43        0.00497                       259156.15
4026824.47        0.00505
         259212.16    4026800.92        0.00526                       259268.17
4026777.37        0.00549
         259058.33    4027081.84        0.00489                       259061.52
4027122.40        0.00510
         258963.78    4027050.29        0.00412                       258977.23
4027012.08        0.00412
         258990.69    4026973.88        0.00416                       259004.15
4026935.67        0.00422
         259031.06    4026859.26        0.00430                       259044.51
4026821.05        0.00426
         259057.97    4026782.85        0.00410                       259083.37
4026755.89        0.00402
         259176.72    4026716.64        0.00425                       259214.06
4026700.94        0.00438
         258958.64    4027089.67        0.00425                       258961.83
4027130.23        0.00444
         258884.27    4027000.81        0.00361                       258897.72
4026962.61        0.00365
         258911.18    4026924.40        0.00375                       258924.64
4026886.19        0.00385
         258938.09    4026847.99        0.00389                       258951.55
4026809.78        0.00381
         258965.01    4026771.58        0.00368                       258978.46
4026733.37        0.00348
         259010.59    4026687.32        0.00328                       259066.60
4026663.76        0.00334
         259103.94    4026648.06        0.00346                       259141.27
4026632.36        0.00360
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 276
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B  ***
                                 INCLUDING SOURCE(S):     PHASE3B     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
258857.36	4027077.22	0.00368	258860.54	4027117.78	0.00386
258764.39	4027065.95	0.00326	258777.85	4027027.75	0.00318
258791.30	4026989.54	0.00319	258804.76	4026951.34	0.00326
258818.22	4026913.13	0.00336	258831.67	4026874.92	0.00344
258845.13	4026836.72	0.00349	258858.59	4026798.51	0.00346
258872.04	4026760.31	0.00334	258885.50	4026722.10	0.00317
258898.95	4026683.90	0.00300	258912.41	4026645.69	0.00283
258937.81	4026618.74	0.00276	259012.49	4026587.33	0.00288
259049.83	4026571.63	0.00300	258759.26	4027105.34	0.00338
258762.44	4027145.90	0.00352	258684.88	4027016.48	0.00287
258698.34	4026978.27	0.00289	258711.80	4026940.07	0.00295
258725.25	4026901.86	0.00303	258738.71	4026863.65	0.00311
258752.16	4026825.45	0.00315	258765.62	4026787.24	0.00313
258779.08	4026749.04	0.00305	258792.53	4026710.83	0.00290
258805.99	4026672.63	0.00274	258819.45	4026634.42	0.00257
258832.90	4026596.21	0.00245	258865.03	4026550.16	0.00238
258939.71	4026518.75	0.00256	258977.05	4026503.05	0.00269
258657.97	4027092.89	0.00299	258661.16	4027133.45	0.00313
258465.31	4027089.45	0.00249	258485.50	4027032.14	0.00237
258498.95	4026993.94	0.00236	258512.41	4026955.73	0.00239
258525.87	4026917.52	0.00246	258539.32	4026879.32	0.00255
258552.78	4026841.11	0.00263	258566.24		

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4026802.91        0.00266
         258579.69    4026764.70        0.00266                        258593.15
4026726.50        0.00261
         258606.60    4026688.29        0.00251                        258620.06
4026650.09        0.00238
         258633.52    4026611.88        0.00224                        258646.97
4026573.67        0.00211
         258660.43    4026535.47        0.00200                        258673.89
4026497.26        0.00193
         258687.34    4026459.06        0.00190                        258719.47
4026413.00        0.00195
         258775.48    4026389.45        0.00209                        258812.82
4026373.75        0.00218
         258850.15    4026358.04        0.00227                        258924.83
4026326.64        0.00239
         258962.17    4026310.94        0.00239                        258999.51
4026295.24        0.00237
         259036.85    4026279.54        0.00231                        259074.19
4026263.84        0.00223
         259167.54    4026224.58        0.00198                        259204.87
4026208.88        0.00189
         259242.21    4026193.18        0.00184                        259279.55
4026177.48        0.00179
         259316.89    4026161.77        0.00179                        259354.23
4026146.07        0.00183
         258460.18    4027128.83        0.00259                        258463.36
4027169.39        0.00268
         258265.93    4027105.12        0.00215                        258279.38
4027066.91        0.00208
         258292.84    4027028.70        0.00203                        258306.30
4026990.50        0.00202
         258319.75    4026952.29        0.00204                        258339.94
4026894.98        0.00216
         258353.39    4026856.78        0.00223                        258366.85
4026818.57        0.00228
         258380.31    4026780.37        0.00234                        258393.76
4026742.16        0.00235
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 277
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B  ***
                                  INCLUDING SOURCE(S):     PHASE3B     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
```

***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
258407.22	4026703.96	0.00231	258420.67	4026665.75	0.00223
258434.13	4026627.54	0.00212	258447.59	4026589.34	0.00201
258461.04	4026551.13	0.00190	258474.50	4026512.93	0.00179
258487.96	4026474.72	0.00170	258501.41	4026436.52	0.00164
258514.87	4026398.31	0.00161	258528.33	4026360.11	0.00161
258541.78	4026321.90	0.00164	258573.91	4026275.84	0.00170
258629.92	4026252.29	0.00180	258667.25	4026236.59	0.00186
258704.59	4026220.89	0.00189	258779.27	4026189.48	0.00190
258816.61	4026173.78	0.00189	258853.95	4026158.08	0.00185
258891.29	4026142.38	0.00179	258928.63	4026126.68	0.00172
259021.98	4026087.42	0.00152	259059.31	4026071.72	0.00146
259096.65	4026056.02	0.00142	259133.99	4026040.32	0.00139
259171.33	4026024.62	0.00138	259208.67	4026008.92	0.00138
259246.01	4025993.21	0.00140	259283.35	4025977.51	0.00144
259320.69	4025961.81	0.00150	258260.79	4027144.50	0.00224
258263.98	4027185.06	0.00232	258066.54	4027120.78	0.00191
258080.00	4027082.57	0.00184	258093.45	4027044.37	0.00178
258106.91	4027006.16	0.00175	258120.37	4026967.96	0.00175
258133.82	4026929.75	0.00179	258147.28	4026891.55	0.00187
258160.74	4026853.34	0.00196	258174.19	4026815.14	0.00202
258187.65	4026776.93	0.00204	258201.10		

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4026738.72        0.00207
         258214.56    4026700.52        0.00205                        258228.02
4026662.31        0.00200
         258241.47    4026624.11        0.00195                        258254.93
4026585.90        0.00187
         258268.39    4026547.70        0.00179                        258281.84
4026509.49        0.00168
         258295.30    4026471.28        0.00159                        258308.76
4026433.08        0.00152
         258322.21    4026394.87        0.00146                        258335.67
4026356.67        0.00142
         258349.12    4026318.46        0.00140                        258362.58
4026280.26        0.00141
         258376.04    4026242.05        0.00142                        258389.49
4026203.84        0.00146
         258402.95    4026165.64        0.00148                        258428.35
4026138.69        0.00152
         258503.02    4026107.28        0.00159                        258540.36
4026091.58        0.00160
         258577.70    4026075.88        0.00159                        258615.04
4026060.18        0.00158
         258652.38    4026044.48        0.00156                        258689.72
4026028.77        0.00152
         258727.06    4026013.07        0.00147                        258764.40
4025997.37        0.00141
         258801.74    4025981.67        0.00134                        258876.41
4025950.27        0.00122
         258913.75    4025934.56        0.00118                        258951.09
4025918.86        0.00115
         258988.43    4025903.16        0.00113                        259025.77
4025887.46        0.00112
         259063.11    4025871.76        0.00112                        259100.45
4025856.06        0.00112
         259137.79    4025840.35        0.00113                        259175.13
4025824.65        0.00115
         259212.47    4025808.95        0.00120                        259249.80
4025793.25        0.00126
         259287.14    4025777.55        0.00133                        259324.48
4025761.85        0.00140
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 278
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B  ***
                                INCLUDING SOURCE(S):     PHASE3B     ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
258061.41	4027160.16	0.00198	258064.59	4027200.72	0.00205
257867.16	4027136.45	0.00170	257880.61	4027098.24	0.00164
257894.07	4027060.03	0.00159	257907.53	4027021.83	0.00156
257920.98	4026983.62	0.00155	258008.45	4026735.29	0.00187
258021.90	4026697.08	0.00186	258035.36	4026658.87	0.00184
258048.82	4026620.67	0.00180	258062.27	4026582.46	0.00175
258075.73	4026544.26	0.00168	258089.19	4026506.05	0.00160
258102.64	4026467.85	0.00153	258116.10	4026429.64	0.00145
258129.55	4026391.44	0.00137	258143.01	4026353.23	0.00132
258156.47	4026315.02	0.00127	258169.92	4026276.82	0.00125
258183.38	4026238.61	0.00123	258196.84	4026200.41	0.00124
258210.29	4026162.20	0.00127	258223.75	4026124.00	0.00129
258237.20	4026085.79	0.00132	258250.66	4026047.58	0.00133
258282.79	4026001.53	0.00135	258338.79	4025977.98	0.00137
258376.13	4025962.27	0.00137	258413.47	4025946.57	0.00137
258450.81	4025930.87	0.00135	258488.15	4025915.17	0.00132
258525.49	4025899.47	0.00129	258562.83	4025883.77	0.00125
258600.17	4025868.06	0.00120	258637.51	4025852.36	0.00115
258674.85	4025836.66	0.00110	258712.18	4025820.96	0.00105
258749.52	4025805.26	0.00101	258786.86		

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4025789.56        0.00098
         258824.20    4025773.85        0.00097                        258861.54
4025758.15        0.00095
         258898.88    4025742.45        0.00094                        258936.22
4025726.75        0.00094
         258973.56    4025711.05        0.00094                        259010.90
4025695.35        0.00094
         259048.24    4025679.64        0.00095                        259085.57
4025663.94        0.00098
         259122.91    4025648.24        0.00101                        259160.25
4025632.54        0.00107
         259197.59    4025616.84        0.00113                        259234.93
4025601.14        0.00118
         259272.27    4025585.44        0.00123                        259309.61
4025569.73        0.00127
         257862.02    4027175.83        0.00179                        257865.21
4027216.39        0.00186
         259335.94    4027123.45        0.00883                        259336.28
4027147.64        0.00895
         259336.62    4027171.84        0.00901                        259336.96
4027196.03        0.00898
         259337.30    4027220.23        0.00893                        259337.64
4027244.43        0.00884
         259337.98    4027268.62        0.00873                        259310.94
4027123.80        0.00831
         259311.28    4027147.99        0.00842                        259311.62
4027172.19        0.00848
         259311.96    4027196.39        0.00849                        259312.30
4027220.58        0.00846
         259312.64    4027244.78        0.00838                        259312.98
4027268.97        0.00828
         259286.29    4027148.35        0.00794                        259286.63
4027172.54        0.00801
         259286.97    4027196.74        0.00805                        259287.31
4027220.93        0.00802
         259287.65    4027245.13        0.00796                        259287.99
4027269.32        0.00787
         259260.95    4027124.50        0.00741                        259261.29
4027148.70        0.00752
         259261.63    4027172.89        0.00759                        259261.97
4027197.09        0.00763
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                PAGE 279
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                            *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
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VALUES FOR SOURCE GROUP: PHASE3B ***
                                  INCLUDING SOURCE(S):   PHASE3B   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         259262.31   4027221.28   0.00763   259262.65
4027245.48   0.00757
         259262.99   4027269.68   0.00749   259210.95
4027125.20   0.00667
         259211.29   4027149.40   0.00678   259211.63
4027173.59   0.00686
         259211.97   4027197.79   0.00690   259212.31
4027221.99   0.00691
         259212.65   4027246.18   0.00687   259212.99
4027270.38   0.00682
         259160.96   4027125.91   0.00606   259161.30
4027150.10   0.00617
         259161.64   4027174.30   0.00625   259161.98
4027198.49   0.00629
         259162.32   4027222.69   0.00630   259162.66
4027246.88   0.00627
         259163.00   4027271.08   0.00624   259111.30
4027150.80   0.00563
         259111.64   4027175.00   0.00572   259111.98
4027199.20   0.00577
         259112.32   4027223.39   0.00578   259112.66
4027247.59   0.00577
         259113.00   4027271.78   0.00575   259061.31
4027151.51   0.00521
         259061.65   4027175.70   0.00528   259061.99
4027199.90   0.00533
         259062.33   4027224.09   0.00534   259062.67
4027248.29   0.00534
         259063.01   4027272.49   0.00532   258961.32
4027152.91   0.00451
         258961.66   4027177.11   0.00457   258962.00
4027201.30   0.00461
         258962.34   4027225.50   0.00463   258962.68
4027249.69   0.00465
         258963.02   4027273.89   0.00465   258861.33
4027154.32   0.00396
         258861.67   4027178.51   0.00402   258862.01

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4027202.71        0.00406
         258862.35    4027226.90        0.00409                        258862.69
4027251.10        0.00411
         258863.03    4027275.30        0.00411                        258761.68
4027179.92        0.00359
         258762.02    4027204.11        0.00363                        258762.36
4027228.31        0.00366
         258762.70    4027252.50        0.00366                        258763.04
4027276.70        0.00367
         258661.35    4027157.13        0.00319                        258661.69
4027181.32        0.00324
         258662.03    4027205.52        0.00327                        258662.37
4027229.71        0.00329
         258662.71    4027253.91        0.00331                        258663.05
4027278.11        0.00331
         258462.05    4027208.33        0.00272                        258462.39
4027232.52        0.00273
         258462.73    4027256.72        0.00274                        258463.07
4027280.92        0.00275
         258262.07    4027211.14        0.00235                        258262.41
4027235.33        0.00236
         258262.75    4027259.53        0.00237                        258263.09
4027283.73        0.00238
         258062.43    4027238.14        0.00209                        258062.77
4027262.34        0.00209
         258063.11    4027286.54        0.00208                        257862.45
4027240.95        0.00188
         257862.79    4027265.15        0.00189                        257863.13
4027289.35        0.00189
         259338.18    4027292.34        0.00861                        259338.38
4027316.19        0.00847
         259338.58    4027340.05        0.00831                        259313.18
4027292.55        0.00818
         259313.38    4027316.40        0.00806                        259313.58
4027340.26        0.00792
         259288.18    4027292.76        0.00776                        259288.38
4027316.61        0.00765
         259288.58    4027340.47        0.00755                        259263.18
4027292.96        0.00739
         259263.38    4027316.82        0.00729                        259263.58
4027340.68        0.00720
         259213.19    4027293.38        0.00675                        259213.39
4027317.24        0.00668
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                PAGE 280
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3B ***
INCLUDING SOURCE(S): PHASE3B ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
259213.59	4027341.10	0.00660	259163.19	4027293.80	0.00620
259163.39	4027317.66	0.00615	259163.59	4027341.52	0.00610
259113.19	4027294.22	0.00572	259113.39	4027318.08	0.00567
259113.59	4027341.94	0.00562	259063.39	4027318.50	0.00526
259063.59	4027342.35	0.00523	258963.39	4027319.34	0.00459
258963.59	4027343.19	0.00456	258863.40	4027320.17	0.00408
258863.60	4027344.03	0.00405	258763.40	4027321.01	0.00365
258763.60	4027344.87	0.00363	258663.40	4027321.85	0.00330
258663.60	4027345.71	0.00329	258463.41	4027323.53	0.00276
258463.61	4027347.38	0.00275	258263.42	4027325.20	0.00238
258263.62	4027349.06	0.00237	258063.43	4027326.88	0.00207
258063.63	4027350.74	0.00206	257863.43	4027328.56	0.00187
257863.63	4027352.41	0.00186	259339.22	4027365.21	0.00811
259339.86	4027389.95	0.00791	259340.50	4027414.68	0.00771
259341.13	4027439.41	0.00750	259341.77	4027464.14	0.00729
259342.40	4027488.87	0.00709	259343.04	4027513.60	0.00691
259343.68	4027538.33	0.00677	259344.31	4027563.06	0.00665
259344.95	4027587.80	0.00654	259345.58		

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4027612.53        0.00645
         259346.22    4027637.26        0.00639                       259346.86
4027661.99        0.00636
         259347.49    4027686.72        0.00635                       259348.13
4027711.45        0.00629
         259314.23    4027365.86        0.00773                       259314.87
4027390.59        0.00756
         259315.50    4027415.32        0.00738                       259316.14
4027440.05        0.00718
         259316.78    4027464.78        0.00699                       259317.41
4027489.51        0.00680
         259318.05    4027514.24        0.00661                       259318.68
4027538.98        0.00646
         259319.32    4027563.71        0.00633                       259319.96
4027588.44        0.00623
         259320.59    4027613.17        0.00615                       259321.23
4027637.90        0.00607
         259321.86    4027662.63        0.00604                       259322.50
4027687.36        0.00603
         259323.14    4027712.10        0.00601                       259289.24
4027366.50        0.00740
         259289.88    4027391.23        0.00724                       259290.51
4027415.96        0.00707
         259291.15    4027440.69        0.00689                       259291.78
4027465.42        0.00672
         259292.42    4027490.16        0.00654                       259293.06
4027514.89        0.00634
         259293.69    4027539.62        0.00618                       259294.33
4027564.35        0.00606
         259294.96    4027589.08        0.00595                       259295.60
4027613.81        0.00586
         259296.24    4027638.54        0.00578                       259296.87
4027663.28        0.00573
         259297.51    4027688.01        0.00571                       259298.14
4027712.74        0.00572
         259264.25    4027367.14        0.00707                       259264.89
4027391.87        0.00693
         259265.52    4027416.60        0.00678                       259266.16
4027441.34        0.00661
         259266.79    4027466.07        0.00646                       259267.43
4027490.80        0.00630
         259268.07    4027515.53        0.00611                       259268.70
4027540.26        0.00594
         259269.34    4027564.99        0.00581                       259269.97
4027589.72        0.00569
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3B ***
INCLUDING SOURCE(S): PHASE3B ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
259270.61	4027614.46	0.00559	259271.25	4027639.19	0.00551
259271.88	4027663.92	0.00546	259272.52	4027688.65	0.00543
259273.15	4027713.38	0.00542	259214.27	4027368.43	0.00648
259214.90	4027393.16	0.00637	259215.54	4027417.89	0.00624
259216.17	4027442.62	0.00611	259216.81	4027467.35	0.00599
259217.45	4027492.08	0.00587	259218.08	4027516.82	0.00572
259218.72	4027541.55	0.00555	259219.35	4027566.28	0.00539
259219.99	4027591.01	0.00525	259220.63	4027615.74	0.00514
259221.26	4027640.47	0.00505	259221.90	4027665.20	0.00498
259222.53	4027689.93	0.00493	259223.17	4027714.67	0.00492
259164.28	4027369.71	0.00600	259164.92	4027394.44	0.00591
259165.55	4027419.18	0.00581	259166.19	4027443.91	0.00571
259166.83	4027468.64	0.00560	259167.46	4027493.37	0.00548
259168.10	4027518.10	0.00533	259168.73	4027542.83	0.00520
259169.37	4027567.56	0.00507	259170.01	4027592.29	0.00494
259170.64	4027617.03	0.00483	259171.28	4027641.76	0.00474
259171.91	4027666.49	0.00465	259172.55		

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4027691.22        0.00458
         259173.19    4027715.95        0.00452                       259114.30
4027371.00        0.00556
         259114.93    4027395.73        0.00549                       259115.57
4027420.46        0.00539
         259116.21    4027445.19        0.00529                       259116.84
4027469.92        0.00521
         259117.48    4027494.65        0.00511                       259118.11
4027519.39        0.00502
         259118.75    4027544.12        0.00494                       259119.39
4027568.85        0.00484
         259120.02    4027593.58        0.00472                       259120.66
4027618.31        0.00461
         259121.29    4027643.04        0.00451                       259121.93
4027667.77        0.00441
         259122.57    4027692.51        0.00431                       259123.20
4027717.24        0.00422
         259064.32    4027372.28        0.00517                       259064.95
4027397.02        0.00512
         259065.59    4027421.75        0.00502                       259066.22
4027446.48        0.00494
         259066.86    4027471.21        0.00488                       259067.50
4027495.94        0.00484
         259068.13    4027520.67        0.00475                       259068.77
4027545.40        0.00467
         259069.40    4027570.13        0.00459                       259070.04
4027594.87        0.00449
         259070.68    4027619.60        0.00440                       259071.31
4027644.33        0.00430
         259071.95    4027669.06        0.00420                       259072.58
4027693.79        0.00409
         259073.22    4027718.52        0.00400                       258964.35
4027374.85        0.00452
         258964.98    4027399.59        0.00447                       258965.62
4027424.32        0.00443
         258966.26    4027449.05        0.00441                       258966.89
4027473.78        0.00435
         258967.53    4027498.51        0.00429                       258968.16
4027523.24        0.00424
         258968.80    4027547.97        0.00419                       258969.44
4027572.71        0.00413
         258970.07    4027597.44        0.00405                       258970.71
4027622.17        0.00398
         258971.34    4027646.90        0.00391                       258971.98
4027671.63        0.00385
         258972.62    4027696.36        0.00378                       258973.25
4027721.09        0.00369
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3B ***
INCLUDING SOURCE(S): PHASE3B ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
258864.38	4027377.43	0.00401	258865.02	4027402.16	0.00398
258865.65	4027426.89	0.00396	258866.29	4027451.62	0.00393
258866.93	4027476.35	0.00389	258867.56	4027501.08	0.00386
258868.20	4027525.81	0.00380	258868.83	4027550.54	0.00376
258869.47	4027575.28	0.00373	258870.11	4027600.01	0.00369
258870.74	4027624.74	0.00364	258871.38	4027649.47	0.00359
258872.01	4027674.20	0.00354	258872.65	4027698.93	0.00348
258873.29	4027723.66	0.00342	258764.41	4027380.00	0.00363
258765.05	4027404.73	0.00362	258765.69	4027429.46	0.00360
258766.32	4027454.19	0.00358	258766.96	4027478.92	0.00354
258767.59	4027503.65	0.00350	258768.23	4027528.38	0.00346
258768.87	4027553.12	0.00343	258769.50	4027577.85	0.00340
258770.14	4027602.58	0.00337	258770.77	4027627.31	0.00333
258771.41	4027652.04	0.00329	258772.05	4027676.77	0.00325
258772.68	4027701.50	0.00320	258773.32	4027726.23	0.00316
258664.45	4027382.57	0.00328	258665.08		

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4027407.30        0.00327
         258665.72    4027432.03        0.00326                    258666.36
4027456.76        0.00324
         258666.99    4027481.49        0.00323                    258667.63
4027506.22        0.00321
         258668.26    4027530.95        0.00319                    258668.90
4027555.69        0.00314
         258669.54    4027580.42        0.00310                    258670.17
4027605.15        0.00308
         258670.81    4027629.88        0.00306                    258671.44
4027654.61        0.00303
         258672.08    4027679.34        0.00299                    258672.72
4027704.07        0.00297
         258673.35    4027728.81        0.00295                    258464.51
4027387.71        0.00275
         258465.15    4027412.44        0.00275                    258465.79
4027437.17        0.00274
         258466.42    4027461.90        0.00273                    258467.06
4027486.63        0.00273
         258467.69    4027511.37        0.00272                    258468.33
4027536.10        0.00271
         258468.97    4027560.83        0.00269                    258469.60
4027585.56        0.00267
         258470.24    4027610.29        0.00265                    258470.87
4027635.02        0.00263
         258471.51    4027659.75        0.00261                    258472.15
4027684.48        0.00259
         258472.78    4027709.22        0.00257                    258473.42
4027733.95        0.00254
         258264.58    4027392.85        0.00237                    258265.22
4027417.58        0.00236
         258265.85    4027442.31        0.00235                    258266.49
4027467.04        0.00235
         258267.12    4027491.78        0.00235                    258267.76
4027516.51        0.00234
         258268.40    4027541.24        0.00233                    258269.03
4027565.97        0.00232
         258269.67    4027590.70        0.00233                    258270.30
4027615.43        0.00232
         258270.94    4027640.16        0.00231                    258271.58
4027664.89        0.00229
         258272.21    4027689.63        0.00228                    258272.85
4027714.36        0.00226
         258273.48    4027739.09        0.00224                    258064.01
4027373.26        0.00205
         258064.65    4027397.99        0.00204                    258065.28
4027422.72        0.00204
         258065.92    4027447.45        0.00205                    258066.55
4027472.19        0.00206
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B ***
                                  INCLUDING SOURCE(S):   PHASE3B   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         258067.19   4027496.92   0.00207   258067.83
4027521.65   0.00207
         258068.46   4027546.38   0.00207   258069.10
4027571.11   0.00207
         258069.73   4027595.84   0.00206   258070.37
4027620.57   0.00206
         258071.01   4027645.30   0.00205   258071.64
4027670.04   0.00205
         258072.28   4027694.77   0.00204   258072.91
4027719.50   0.00203
         258073.55   4027744.23   0.00201   257864.08
4027378.40   0.00184
         257864.71   4027403.13   0.00183   257865.35
4027427.86   0.00182
         257865.98   4027452.60   0.00182   257866.62
4027477.33   0.00182
         257867.26   4027502.06   0.00182   257867.89
4027526.79   0.00184
         257868.53   4027551.52   0.00185   257869.16
4027576.25   0.00185
         257869.80   4027600.98   0.00185   257870.44
4027625.72   0.00185
         257871.07   4027650.45   0.00185   257871.71
4027675.18   0.00184
         257872.34   4027699.91   0.00183   257872.98
4027724.64   0.00183
         257873.62   4027749.37   0.00182   259373.56
4027735.81   0.00647
         259396.16   4027735.41   0.00666   259418.75

4027735.01 0.00683
259441.35 4027734.61 0.00699 259463.95
4027734.22 0.00710
259486.54 4027733.82 0.00718 259509.14
4027733.42 0.00726
259531.74 4027733.02 0.00736 259554.33
4027732.62 0.00750
259576.93 4027732.23 0.00766 259356.27
4027753.86 0.00623
259396.60 4027760.40 0.00648 259419.19
4027760.01 0.00661
259441.79 4027759.61 0.00672 259464.39
4027759.21 0.00680
259486.98 4027758.81 0.00685 259509.58
4027758.42 0.00692
259532.18 4027758.02 0.00701 259554.77
4027757.62 0.00715
259577.37 4027757.22 0.00732 259356.71
4027778.86 0.00609
259313.55 4027747.57 0.00584 259397.04
4027785.40 0.00628
259419.63 4027785.00 0.00637 259442.23
4027784.61 0.00644
259464.83 4027784.21 0.00648 259487.42
4027783.81 0.00653
259510.02 4027783.41 0.00658 259532.62
4027783.01 0.00667
259555.21 4027782.62 0.00682 259577.81
4027782.22 0.00701
259357.15 4027803.85 0.00594 259321.69
4027789.98 0.00578
259296.26 4027765.62 0.00563 259397.48
4027810.40 0.00604
259420.07 4027810.00 0.00610 259442.67
4027809.60 0.00615
259465.27 4027809.20 0.00618 259487.86
4027808.81 0.00622
259510.46 4027808.41 0.00627 259533.06
4027808.01 0.00637
259555.65 4027807.61 0.00652 259578.25
4027807.21 0.00673
259358.03 4027853.85 0.00556 259322.57
4027839.97 0.00555
259287.11 4027826.09 0.00539 259261.67
4027801.73 0.00524
259246.27 4027766.91 0.00514 259398.36
4027860.39 0.00556
259420.95 4027859.99 0.00558 259443.55
4027859.59 0.00560
259466.15 4027859.20 0.00563 259488.74

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3B ***
                                   INCLUDING SOURCE(S):   PHASE3B   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                ** CONC OF OTHER   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

4027960.37 0.00464
259422.71 4027959.98 0.00467 259445.31
4027959.58 0.00474
259467.91 4027959.18 0.00483 259490.50
4027958.78 0.00495
259513.10 4027958.38 0.00511 259535.70
4027957.99 0.00529
259558.29 4027957.59 0.00549 259580.89
4027957.19 0.00569
259359.06 4028003.19 0.00432 259320.37
4027988.05 0.00445
259281.69 4027972.91 0.00459 259243.00
4027957.77 0.00464
259204.32 4027942.63 0.00458 259157.23
4027908.49 0.00437
259140.43 4027870.50 0.00424 259123.63
4027832.50 0.00410
259106.82 4027794.51 0.00402 259090.02
4027756.52 0.00396
259401.00 4028010.37 0.00431 259423.59
4028009.97 0.00436
259446.19 4028009.57 0.00445 259468.79
4028009.17 0.00457
259491.38 4028008.77 0.00471 259513.98
4028008.38 0.00488
259536.58 4028007.98 0.00507 259559.17
4028007.58 0.00526
259581.77 4028007.18 0.00543 259359.90
4028102.82 0.00375
259319.37 4028086.95 0.00378 259278.84
4028071.09 0.00392
259238.31 4028055.23 0.00406 259197.79
4028039.37 0.00416
259157.26 4028023.50 0.00416 259116.73
4028007.64 0.00404
259087.67 4027979.81 0.00391 259070.06
4027940.01 0.00380
259052.46 4027900.20 0.00367 259034.86
4027860.40 0.00358
259017.26 4027820.60 0.00353 258999.66
4027780.80 0.00356
259402.76 4028110.35 0.00386 259425.35
4028109.95 0.00397
259447.95 4028109.55 0.00410 259470.55
4028109.16 0.00425
259493.14 4028108.76 0.00441 259515.74
4028108.36 0.00456
259538.34 4028107.96 0.00471 259560.93
4028107.57 0.00484
259583.53 4028107.17 0.00493 259361.06

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B ***
                                  INCLUDING SOURCE(S):   PHASE3B   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         259235.90   4028153.58   0.00346   259194.18
4028137.25   0.00360
         259152.46   4028120.92   0.00373   259110.74
4028104.59   0.00380
         259069.02   4028088.27   0.00374   259018.25
4028051.45   0.00355
         259000.13   4028010.48   0.00344   258982.01
4027969.50   0.00332
         258963.89   4027928.53   0.00322   258945.77
4027887.56   0.00316
         258927.65   4027846.58   0.00318   258909.53
4027805.61   0.00325
         258891.41   4027764.64   0.00334   259404.52
4028210.33   0.00364
         259427.11   4028209.94   0.00377   259449.71
4028209.54   0.00390
         259472.31   4028209.14   0.00403   259494.90
4028208.74   0.00413
         259517.50   4028208.35   0.00423   259540.10
4028207.95   0.00432
         259562.69   4028207.55   0.00438   259585.29
4028207.15   0.00441
         259363.42   4028302.79   0.00330   259322.89
4028286.92   0.00314
         259282.36   4028271.06   0.00304   259241.83

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4028255.20        0.00302
         259201.31    4028239.34        0.00308                    259160.78
4028223.47        0.00321
         259120.25    4028207.61        0.00335                    259079.72
4028191.75        0.00346
         259039.20    4028175.89        0.00348                    258998.67
4028160.02        0.00342
         258949.34    4028124.26        0.00325                    258931.74
4028084.46        0.00315
         258914.14    4028044.66        0.00303                    258896.53
4028004.85        0.00295
         258878.93    4027965.05        0.00289                    258861.33
4027925.25        0.00289
         258843.73    4027885.45        0.00295                    258826.13
4027845.64        0.00301
         258808.52    4027805.84        0.00309                    258790.92
4027766.04        0.00313
         259406.28    4028310.32        0.00349                    259428.87
4028309.92        0.00360
         259451.47    4028309.52        0.00370                    259474.07
4028309.13        0.00379
         259496.66    4028308.73        0.00386                    259519.26
4028308.33        0.00391
         259541.86    4028307.93        0.00394                    259564.45
4028307.53        0.00395
         259587.05    4028307.14        0.00395                    259364.75
4028402.61        0.00320
         259323.38    4028386.41        0.00303                    259282.01
4028370.22        0.00288
         259240.64    4028354.03        0.00278                    259199.27
4028337.83        0.00275
         259157.90    4028321.64        0.00278                    259116.52
4028305.45        0.00290
         259075.15    4028289.26        0.00303                    259033.78
4028273.06        0.00314
         258992.41    4028256.87        0.00319                    258951.04
4028240.68        0.00318
         258909.67    4028224.48        0.00309                    258880.00
4028196.07        0.00299
         258862.03    4028155.44        0.00289                    258844.06
4028114.81        0.00280
         258826.09    4028074.18        0.00271                    258808.12
4028033.54        0.00265
         258790.15    4027992.91        0.00265                    258772.18
4027952.28        0.00268
         258754.21    4027911.65        0.00274                    258736.24
4027871.02        0.00281
         258718.27    4027830.39        0.00286                    258700.30
4027789.75        0.00290
         259408.04    4028410.30        0.00335                    259430.63
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4028409.91   0.00342
         259453.23   4028409.51   0.00347   259475.83
4028409.11   0.00352
         259498.42   4028408.71   0.00355   259521.02
4028408.31   0.00357
↑ *** AERMOD - VERSION 23132 ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc   ***   07/04/24
 *** AERMET - VERSION 21112 ***   ***
                      ***   18:20:08

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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B ***
                                    INCLUDING SOURCE(S):   PHASE3B   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

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4028138.39        0.00226
         258634.39    4028097.95        0.00227                  258616.51
4028057.50        0.00231
         258598.62    4028017.06        0.00238                  258580.73
4027976.61        0.00244
         258562.85    4027936.17        0.00248                  258544.96
4027895.73        0.00251
         258527.08    4027855.28        0.00252                  258509.19
4027814.84        0.00253
         258491.30    4027774.39        0.00253                  259411.56
4028610.27        0.00296
         259434.15    4028609.88        0.00297                  259456.75
4028609.48        0.00297
         259479.35    4028609.08        0.00298                  259501.94
4028608.68        0.00298
         259524.54    4028608.28        0.00298                  259547.14
4028607.89        0.00298
         259569.73    4028607.49        0.00298                  259592.33
4028607.09        0.00299
         259371.95    4028802.60        0.00256                  259330.89
4028786.53        0.00257
         259289.83    4028770.46        0.00256                  259248.77
4028754.39        0.00251
         259207.71    4028738.32        0.00242                  259166.65
4028722.25        0.00231
         259125.59    4028706.18        0.00219                  259084.53
4028690.11        0.00210
         259043.47    4028674.04        0.00203                  259002.40
4028657.96        0.00201
         258961.34    4028641.89        0.00203                  258920.28
4028625.82        0.00209
         258879.22    4028609.75        0.00219                  258838.16
4028593.68        0.00230
         258797.10    4028577.61        0.00239                  258756.04
4028561.54        0.00244
         258714.98    4028545.47        0.00246                  258673.92
4028529.39        0.00242
         258632.86    4028513.32        0.00235                  258603.41
4028485.13        0.00227
         258585.58    4028444.80        0.00220                  258567.74
4028404.47        0.00213
         258549.91    4028364.15        0.00206                  258532.08
4028323.82        0.00200
         258514.24    4028283.49        0.00197                  258496.41
4028243.17        0.00197
         258478.57    4028202.84        0.00199                  258460.74
4028162.51        0.00203
         258442.91    4028122.19        0.00208                  258425.07
4028081.86        0.00214
         258407.24    4028041.54        0.00218                  258389.40
```

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B ***
                                INCLUDING SOURCE(S):   PHASE3B   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

4028871.18 0.00195
259018.82 4028862.98 0.00191 258997.87
4028854.78 0.00187
258976.91 4028846.58 0.00183 258935.00
4028830.17 0.00178
258914.05 4028821.97 0.00177 258893.09
4028813.77 0.00177
258872.14 4028805.57 0.00177 258851.18
4028797.37 0.00179
258809.27 4028780.96 0.00185 258788.32
4028772.76 0.00190
258767.37 4028764.56 0.00194 258746.41
4028756.36 0.00199
258704.50 4028739.96 0.00208 258683.55
4028731.75 0.00212
258662.59 4028723.55 0.00215 258641.64
4028715.35 0.00217
258599.73 4028698.95 0.00219 258578.77
4028690.75 0.00219
258557.82 4028682.55 0.00217 258536.87
4028674.34 0.00215
258494.96 4028657.94 0.00209 258464.90
4028629.16 0.00203
258455.80 4028608.58 0.00200 258437.60
4028567.42 0.00193
258428.50 4028546.84 0.00190 258410.29
4028505.68 0.00184
258401.19 4028485.10 0.00181 258382.99
4028443.94 0.00177
258373.89 4028423.36 0.00176 258355.69
4028382.20 0.00174
258346.59 4028361.62 0.00175 258328.38
4028320.46 0.00177
258310.18 4028279.30 0.00181 258291.98
4028238.14 0.00186
258282.88 4028217.56 0.00188 258264.67
4028176.40 0.00192
258255.57 4028155.83 0.00194 258237.37
4028114.67 0.00197
258228.27 4028094.09 0.00198 258210.07
4028052.93 0.00198
258200.97 4028032.35 0.00198 258182.76
4027991.19 0.00198
258173.66 4027970.61 0.00198 258155.46
4027929.45 0.00199
258146.36 4027908.87 0.00199 258128.16
4027867.71 0.00200
258109.95 4027826.55 0.00200 258091.75
4027785.39 0.00201
259418.60 4029010.21 0.00220 259441.19

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4029009.81        0.00220
         259463.79    4029009.42        0.00221                       259486.39
4029009.02        0.00223
         259508.98    4029008.62        0.00224                       259531.58
4029008.22        0.00225
         259554.18    4029007.82        0.00225                       259576.77
4029007.43        0.00226
         259599.37    4029007.03        0.00226                       259378.66
4029202.41        0.00196
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                   PAGE 288
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B  ***
                                   INCLUDING SOURCE(S):     PHASE3B     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         259336.94    4029186.08        0.00198                       259295.22
4029169.76        0.00200
         259253.50    4029153.43        0.00204                       259211.78
4029137.10        0.00207
         259170.06    4029120.77        0.00207                       259128.34
4029104.44        0.00205
         259086.63    4029088.11        0.00201                       259044.91
4029071.78        0.00194
         259003.19    4029055.45        0.00186                       258961.47
4029039.12        0.00178
         258919.75    4029022.79        0.00170                       258878.03
4029006.47        0.00164
         258836.31    4028990.14        0.00159                       258794.59
4028973.81        0.00157
         258752.87    4028957.48        0.00159                       258711.15
4028941.15        0.00164
         258669.43    4028924.82        0.00171                       258627.71
4028908.49        0.00180
         258585.99    4028892.16        0.00188                       258544.27
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4028875.83        0.00194
         258502.55    4028859.51        0.00199                  258460.83
4028843.18        0.00200
         258419.12    4028826.85        0.00196                  258377.40
4028810.52        0.00192
         258326.62    4028773.70        0.00183                  258308.50
4028732.73        0.00178
         258290.38    4028691.76        0.00172                  258272.26
4028650.78        0.00167
         258254.14    4028609.81        0.00162                  258236.02
4028568.84        0.00159
         258217.90    4028527.86        0.00157                  258199.78
4028486.89        0.00156
         258181.66    4028445.92        0.00158                  258163.54
4028404.94        0.00161
         258145.42    4028363.97        0.00166                  258127.30
4028323.00        0.00170
         258109.18    4028282.02        0.00174                  258091.06
4028241.05        0.00176
         258072.94    4028200.08        0.00178                  258054.82
4028159.10        0.00179
         258036.70    4028118.13        0.00179                  258018.58
4028077.16        0.00179
         258000.46    4028036.18        0.00179                  257982.34
4027995.21        0.00179
         257964.22    4027954.24        0.00179                  257946.10
4027913.26        0.00180
         257927.98    4027872.29        0.00181                  257909.86
4027831.32        0.00182
         257891.74    4027790.35        0.00182                  259422.12
4029210.18        0.00197
         259444.71    4029209.78        0.00199                  259467.31
4029209.38        0.00200
         259489.91    4029208.99        0.00201                  259512.50
4029208.59        0.00201
         259535.10    4029208.19        0.00201                  259557.70
4029207.79        0.00201
         259580.29    4029207.40        0.00201                  259602.89
4029207.00        0.00200
         259621.33    4027730.68        0.00810                  259665.29
4027729.15        0.00871
         259709.26    4027727.61        0.00940                  259600.22
4027756.43        0.00753
         259644.18    4027754.90        0.00806                  259688.15
4027753.36        0.00869
         259732.11    4027751.83        0.00931                  259601.09
4027781.42        0.00724
         259645.05    4027779.88        0.00777                  259689.02
4027778.35        0.00835
         259732.99    4027776.81        0.00891                  259601.96
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4027806.40        0.00698
         259645.93    4027804.87        0.00751                       259689.89
4027803.33        0.00804
         259733.86    4027801.80        0.00852                       259603.70
4027856.37        0.00655
         259647.67    4027854.84        0.00704                       259691.64
4027853.30        0.00747
         259735.60    4027851.77        0.00782                       259605.45
4027906.34        0.00621
         259649.41    4027904.81        0.00664                       259693.38
4027903.27        0.00695
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 289
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B  ***
                                INCLUDING SOURCE(S):     PHASE3B     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         259737.35    4027901.74        0.00716                       259607.19
4027956.31        0.00590
         259651.16    4027954.78        0.00624                       259695.12
4027953.24        0.00647
         259739.09    4027951.71        0.00660                       259608.94
4028006.28        0.00563
         259652.90    4028004.75        0.00586                       259696.87
4028003.21        0.00603
         259740.83    4028001.68        0.00609                       259612.42
4028106.22        0.00503
         259656.39    4028104.69        0.00511                       259700.35
4028103.15        0.00516
         259744.32    4028101.62        0.00520                       259615.91
4028206.16        0.00445
         259659.88    4028204.62        0.00445                       259703.84
4028203.09        0.00446
         259747.81    4028201.56        0.00447                       259619.40
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4028306.10        0.00396
         259663.36    4028304.56        0.00394                   259707.33
4028303.03        0.00394
         259751.30    4028301.49        0.00396                   259622.89
4028406.04        0.00356
         259666.85    4028404.50        0.00357                   259710.82
4028402.97        0.00358
         259754.78    4028401.43        0.00356                   259629.86
4028605.92        0.00300
         259673.83    4028604.38        0.00300                   259717.79
4028602.85        0.00298
         259761.76    4028601.31        0.00293                   259636.84
4028805.79        0.00258
         259680.80    4028804.26        0.00256                   259724.77
4028802.73        0.00253
         259768.73    4028801.19        0.00248                   259643.81
4029005.67        0.00225
         259687.78    4029004.14        0.00221                   259731.74
4029002.60        0.00218
         259775.71    4029001.07        0.00213                   259628.80
4029206.32        0.00199
         259672.77    4029204.78        0.00196                   259716.74
4029203.25        0.00193
         259760.70    4029201.71        0.00189                   259755.00
4027725.55        0.01008
         259778.26    4027724.27        0.01038                   259801.52
4027722.99        0.01062
         259824.78    4027721.71        0.01079                   259848.04
4027720.44        0.01087
         259871.30    4027719.16        0.01087                   259894.56
4027717.88        0.01083
         259756.37    4027750.51        0.00961                   259779.63
4027749.23        0.00985
         259802.89    4027747.95        0.01004                   259826.15
4027746.68        0.01015
         259849.41    4027745.40        0.01020                   259872.67
4027744.12        0.01018
         259895.93    4027742.84        0.01012                   259757.74
4027775.47        0.00917
         259781.00    4027774.19        0.00937                   259804.26
4027772.92        0.00950
         259827.52    4027771.64        0.00957                   259850.78
4027770.36        0.00958
         259874.04    4027769.08        0.00955                   259897.30
4027767.81        0.00949
         259759.11    4027800.43        0.00875                   259782.37
4027799.16        0.00890
         259805.63    4027797.88        0.00900                   259828.89
4027796.60        0.00904
         259852.15    4027795.32        0.00904                   259875.41
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4027993.75 0.00589
259909.64 4027992.47 0.00582 259775.56
4028099.98 0.00522
259798.82 4028098.70 0.00520 259822.08
4028097.43 0.00516
259845.34 4028096.15 0.00511 259868.60
4028094.87 0.00505
259891.86 4028093.60 0.00499 259915.12
4028092.32 0.00493
259781.04 4028199.83 0.00444 259804.30
4028198.55 0.00440
259827.56 4028197.28 0.00436 259850.82
4028196.00 0.00431
259874.08 4028194.72 0.00429 259897.34
4028193.45 0.00423
259920.60 4028192.17 0.00414 259786.52
4028299.68 0.00394
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4028297.13 0.00387
259856.30 4028295.85 0.00381 259879.56
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259902.82 4028293.29 0.00367 259926.08
4028292.02 0.00362
259792.01 4028399.53 0.00352 259815.27
4028398.25 0.00347
259838.53 4028396.98 0.00339 259861.79
4028395.70 0.00333
259885.05 4028394.42 0.00327 259908.31
4028393.14 0.00323
259931.57 4028391.87 0.00320 259802.97
4028599.23 0.00289
259826.23 4028597.95 0.00285 259849.49
4028596.67 0.00280
259872.75 4028595.40 0.00277 259896.01
4028594.12 0.00273
259919.27 4028592.84 0.00271 259942.53
4028591.57 0.00269
259813.94 4028798.93 0.00242 259837.20
4028797.65 0.00239
259860.46 4028796.37 0.00236 259883.72
4028795.10 0.00233
259906.98 4028793.82 0.00230 259930.24
4028792.54 0.00228
259953.50 4028791.27 0.00227 259801.64
4028999.90 0.00209
259824.90 4028998.63 0.00206 259848.16
4028997.35 0.00203
259871.42 4028996.07 0.00201 259894.68
4028994.80 0.00199
259917.94 4028993.52 0.00198 259941.20

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4028992.24        0.00197
         259964.46    4028990.96        0.00196                      259797.65
4029200.28        0.00185
         259835.87    4029198.33        0.00181                      259859.13
4029197.05        0.00178
         259882.39    4029195.77        0.00177                      259905.65
4029194.50        0.00175
         259928.91    4029193.22        0.00174                      259952.17
4029191.94        0.00173
         259975.43    4029190.66        0.00173                      259939.86
4027716.72        0.01062
         259962.87    4027716.12        0.01049                      259985.88
4027715.52        0.01036
         260008.89    4027714.93        0.01024                      260031.90
4027714.33        0.01011
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 291
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B  ***
                                  INCLUDING SOURCE(S):     PHASE3B     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         260054.91    4027713.73        0.00993                      260077.92
4027713.14        0.00975
         260100.94    4027712.54        0.00958                      260123.95
4027711.94        0.00937
         260146.96    4027711.35        0.00912                      260169.97
4027710.75        0.00880
         259940.51    4027741.71        0.00991                      259963.52
4027741.11        0.00979
         259986.53    4027740.52        0.00967                      260009.54
4027739.92        0.00956
         260032.55    4027739.32        0.00946                      260055.56
4027738.73        0.00934
         260078.57    4027738.13        0.00919                      260101.58
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4027737.53        0.00904
         260124.59    4027736.94        0.00885                  260147.61
4027736.34        0.00863
         260170.62    4027735.74        0.00832                  259941.16
4027766.70        0.00925
         259964.17    4027766.10        0.00917                  259987.18
4027765.51        0.00906
         260010.19    4027764.91        0.00896                  260033.20
4027764.31        0.00886
         260056.21    4027763.72        0.00877                  260079.22
4027763.12        0.00866
         260102.23    4027762.52        0.00854                  260125.24
4027761.93        0.00835
         260148.25    4027761.33        0.00815                  260171.26
4027760.73        0.00787
         259941.80    4027791.69        0.00872                  259964.81
4027791.10        0.00861
         259987.83    4027790.50        0.00851                  260010.84
4027789.90        0.00841
         260033.85    4027789.31        0.00833                  260056.86
4027788.71        0.00824
         260079.87    4027788.11        0.00815                  260102.88
4027787.52        0.00804
         260125.89    4027786.92        0.00791                  260148.90
4027786.32        0.00771
         260171.91    4027785.73        0.00746                  259943.10
4027841.68        0.00774
         259966.11    4027841.08        0.00765                  259989.12
4027840.48        0.00756
         260012.13    4027839.89        0.00749                  260035.14
4027839.29        0.00743
         260058.15    4027838.69        0.00737                  260081.16
4027838.10        0.00730
         260104.18    4027837.50        0.00721                  260127.19
4027836.90        0.00709
         260150.20    4027836.31        0.00693                  260173.21
4027835.71        0.00672
         259944.40    4027891.66        0.00694                  259967.41
4027891.06        0.00686
         259990.42    4027890.47        0.00679                  260013.43
4027889.87        0.00673
         260036.44    4027889.27        0.00668                  260059.45
4027888.68        0.00663
         260082.46    4027888.08        0.00658                  260105.47
4027887.48        0.00651
         260128.48    4027886.89        0.00643                  260151.49
4027886.29        0.00631
         260174.50    4027885.69        0.00615                  259945.69
4027941.64        0.00627
         259968.70    4027941.05        0.00620                  259991.71
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4027938.06   0.00598
         260106.77   4027937.47   0.00592   260129.78
4027936.87   0.00585
         260152.79   4027936.27   0.00576   260175.80
4027935.68   0.00563
         259946.99   4027991.63   0.00571   259970.00
4027991.03   0.00565
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4027989.84   0.00557
         260039.03   4027989.24   0.00554   260062.04
4027988.64   0.00551
         260085.05   4027988.05   0.00548   260108.06
4027987.45   0.00543

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B ***
                                    INCLUDING SOURCE(S):   PHASE3B   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         260131.07   4027986.85   0.00538   260154.09
4027986.26   0.00530
         260177.10   4027985.66   0.00520   259949.58
4028091.59   0.00484
         259972.59   4028091.00   0.00479   259995.60
4028090.40   0.00475
         260018.61   4028089.80   0.00472   260041.62
4028089.21   0.00471
         260064.63   4028088.61   0.00470   260087.65
4028088.01   0.00467
         260110.66   4028087.42   0.00464   260133.67

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         260156.68    4028086.22        0.00454                    260179.69
4028085.63        0.00448
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4028190.96        0.00411
         259998.19    4028190.37        0.00412                    260021.20
4028189.77        0.00410
         260044.22    4028189.17        0.00408                    260067.23
4028188.58        0.00407
         260090.24    4028187.98        0.00407                    260113.25
4028187.38        0.00405
         260136.26    4028186.79        0.00402                    260159.27
4028186.19        0.00398
         260182.28    4028185.59        0.00392                    259954.76
4028291.53        0.00357
         259977.78    4028290.93        0.00357                    260000.79
4028290.33        0.00358
         260023.80    4028289.74        0.00358                    260046.81
4028289.14        0.00357
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4028287.95        0.00354
         260115.84    4028287.35        0.00354                    260138.85
4028286.75        0.00352
         260161.86    4028286.16        0.00349                    260184.87
4028285.56        0.00346
         259957.36    4028391.49        0.00318                    259980.37
4028390.89        0.00317
         260003.38    4028390.30        0.00317                    260026.39
4028389.70        0.00318
         260049.40    4028389.10        0.00318                    260072.41
4028388.51        0.00318
         260095.42    4028387.91        0.00318                    260118.43
4028387.31        0.00317
         260141.44    4028386.72        0.00317                    260164.45
4028386.12        0.00316
         260187.46    4028385.52        0.00313                    259985.55
4028590.83        0.00267
         260008.56    4028590.23        0.00266                    260031.57
4028589.63        0.00266
         260054.58    4028589.04        0.00265                    260077.59
4028588.44        0.00265
         260100.61    4028587.84        0.00264                    260123.62
4028587.25        0.00263
         260146.63    4028586.65        0.00262                    260169.64
4028586.05        0.00261
         260192.65    4028585.46        0.00260                    259990.74
4028790.76        0.00226
         260013.75    4028790.16        0.00226                    260036.76
4028789.57        0.00226
         260059.77    4028788.97        0.00227                    260082.78
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4028785.99   0.00224
         260197.83   4028785.39   0.00222   259995.92
4028990.69   0.00196
         260018.93   4028990.10   0.00196   260041.94
4028989.50   0.00196
         260064.95   4028988.90   0.00196   260087.96
4028988.31   0.00196
         260110.97   4028987.71   0.00195   260133.98
4028987.11   0.00195
         260157.00   4028986.52   0.00195   260180.01
4028985.92   0.00194
         260203.02   4028985.32   0.00194   260001.10
4029190.63   0.00173
         260024.11   4029190.03   0.00173   260047.13
4029189.43   0.00173

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3B ***
                                   INCLUDING SOURCE(S):   PHASE3B   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                ** CONC OF OTHER   IN MICROGRAMS/M**3 **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

4027700.10 0.00812
260192.81 4027726.50 0.00810 260220.40
4027671.92 0.00842
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4027727.68 0.00741
260208.71 4027745.13 0.00751 260245.34
4027673.65 0.00779
260262.96 4027705.74 0.00696 260250.72
4027731.86 0.00687
260225.17 4027763.53 0.00696 260198.54
4027774.63 0.00725
260270.28 4027675.38 0.00723 260312.40
4027710.13 0.00599
260299.29 4027738.12 0.00589 260286.18
4027766.11 0.00584
260258.80 4027800.04 0.00595 260230.27
4027811.93 0.00627
260201.74 4027823.82 0.00653 260320.16
4027678.84 0.00625
260362.04 4027714.11 0.00531 260348.44
4027743.14 0.00515
260334.84 4027772.16 0.00505 260321.24
4027801.19 0.00501
260292.85 4027836.38 0.00513 260263.26
4027848.71 0.00546
260233.68 4027861.03 0.00575 260204.09
4027873.36 0.00599
260370.04 4027682.30 0.00562 260411.77
4027717.90 0.00493
260397.86 4027747.59 0.00471 260383.95
4027777.27 0.00453
260370.04 4027806.96 0.00441 260356.13
4027836.64 0.00435
260327.10 4027872.63 0.00445 260296.84
4027885.24 0.00476
260266.58 4027897.85 0.00506 260236.32
4027910.46 0.00534
260206.06 4027923.07 0.00553 260419.92
4027685.76 0.00523
260461.54 4027721.59 0.00465 260447.42
4027751.73 0.00442
260433.30 4027781.87 0.00424 260419.17
4027812.01 0.00406
260405.05 4027842.16 0.00392 260390.93
4027872.30 0.00381
260361.44 4027908.84 0.00390 260330.72
4027921.64 0.00417
260300.00 4027934.45 0.00448 260269.27
4027947.25 0.00475
260238.55 4027960.05 0.00496 260207.82

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4027972.86        0.00511
         260469.80    4027689.22        0.00494                       260561.16
4027728.81        0.00411
         260546.76    4027759.54        0.00402                       260532.36
4027790.27        0.00387
         260517.96    4027821.00        0.00372                       260503.57
4027851.73        0.00356
         260489.17    4027882.47        0.00340                       260474.77
4027913.20        0.00324
         260460.37    4027943.93        0.00311                       260430.31
4027981.19        0.00309
         260398.98    4027994.25        0.00326                       260367.65
4028007.30        0.00348
         260336.32    4028020.35        0.00374                       260305.00
4028033.41        0.00398
         260273.67    4028046.46        0.00418                       260242.34
4028059.52        0.00434
         260211.02    4028072.57        0.00443                       260569.56
4027696.14        0.00426
         260660.84    4027735.91        0.00354                       260646.27
4027767.01        0.00346
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***       18:20:08

                                 PAGE 294
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B  ***
                                 INCLUDING SOURCE(S):     PHASE3B     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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         260631.70    4027798.10        0.00341                       260617.12
4027829.20        0.00333
         260602.55    4027860.30        0.00327                       260587.98
4027891.40        0.00319
         260573.41    4027922.50        0.00311                       260558.84
4027953.60        0.00297
         260544.27    4027984.69        0.00282                       260529.70
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4028066.70        0.00265
         260435.88    4028079.91        0.00278                  260404.18
4028093.12        0.00296
         260372.48    4028106.33        0.00318                  260340.78
4028119.54        0.00340
         260309.08    4028132.75        0.00359                  260277.38
4028145.96        0.00374
         260245.68    4028159.17        0.00383                  260213.98
4028172.38        0.00387
         260669.32    4027703.06        0.00366                  260760.54
4027742.95        0.00309
         260745.85    4027774.30        0.00304                  260731.16
4027805.65        0.00298
         260716.48    4027836.99        0.00293                  260701.79
4027868.34        0.00287
         260687.10    4027899.69        0.00284                  260672.42
4027931.03        0.00281
         260657.73    4027962.38        0.00278                  260643.04
4027993.73        0.00273
         260628.35    4028025.07        0.00265                  260613.67
4028056.42        0.00254
         260598.98    4028087.77        0.00242                  260568.32
4028125.77        0.00227
         260536.36    4028139.09        0.00225                  260504.41
4028152.40        0.00229
         260472.46    4028165.72        0.00240                  260440.50
4028179.03        0.00257
         260408.55    4028192.35        0.00276                  260376.59
4028205.67        0.00294
         260344.64    4028218.98        0.00310                  260312.69
4028232.30        0.00324
         260280.73    4028245.61        0.00334                  260248.78
4028258.93        0.00340
         260216.83    4028272.24        0.00344                  260769.08
4027709.98        0.00315
         260860.50    4027749.44        0.00266                  260846.22
4027779.91        0.00267
         260831.94    4027810.39        0.00267                  260817.67
4027840.87        0.00265
         260803.39    4027871.34        0.00260                  260789.11
4027901.82        0.00254
         260774.83    4027932.29        0.00248                  260760.55
4027962.77        0.00245
         260746.27    4027993.25        0.00243                  260731.99
4028023.72        0.00243
         260717.71    4028054.20        0.00242                  260703.43
4028084.67        0.00240
         260689.15    4028115.15        0.00234                  260674.87
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4028145.63        0.00227
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4028223.71        0.00199
         260544.72    4028236.65        0.00202                       260513.66
4028249.60        0.00210
         260482.59    4028262.54        0.00222                       260451.53
4028275.49        0.00237
         260420.46    4028288.43        0.00253                       260389.39
4028301.38        0.00269
         260358.33    4028314.32        0.00284                       260327.26
4028327.27        0.00295
         260296.20    4028340.22        0.00302                       260265.13
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4027794.44        0.00206
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4027918.18        0.00206
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 295
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B  ***
                                 INCLUDING SOURCE(S):     PHASE3B     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4027980.05        0.00207
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4028041.92        0.00198
         260914.98    4028072.85        0.00192                       260900.48
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4028227.52        0.00189
         260828.02    4028258.46        0.00190                   260813.52
4028289.39        0.00189
         260799.03    4028320.33        0.00186                   260776.01
4028342.36        0.00182
         260744.48    4028355.50        0.00177                   260712.95
4028368.64        0.00170
         260681.41    4028381.78        0.00164                   260649.88
4028394.92        0.00162
         260618.35    4028408.06        0.00163                   260586.81
4028421.20        0.00167
         260555.28    4028434.34        0.00176                   260523.75
4028447.49        0.00187
         260492.21    4028460.63        0.00200                   260460.68
4028473.77        0.00214
         260429.15    4028486.91        0.00226                   260397.62
4028500.05        0.00236
         260366.08    4028513.19        0.00245                   260334.55
4028526.33        0.00251
         260303.02    4028539.47        0.00255                   260271.48
4028552.61        0.00258
         260239.95    4028565.75        0.00259                   261068.36
4027730.74        0.00215
         261259.37    4027777.49        0.00170                   261244.73
4027808.73        0.00175
         261230.10    4027839.96        0.00175                   261215.46
4027871.19        0.00172
         261200.83    4027902.43        0.00167                   261186.20
4027933.66        0.00163
         261171.56    4027964.89        0.00161                   261156.93
4027996.13        0.00162
         261142.30    4028027.36        0.00164                   261127.66
4028058.59        0.00167
         261113.03    4028089.83        0.00169                   261098.39
4028121.06        0.00169
         261083.76    4028152.29        0.00167                   261069.13
4028183.53        0.00163
         261054.49    4028214.76        0.00158                   261039.86
4028245.99        0.00154
         261025.23    4028277.23        0.00151                   261010.59
4028308.46        0.00149
         260995.96    4028339.69        0.00149                   260981.32
4028370.93        0.00152
         260966.69    4028402.16        0.00155                   260952.06
4028433.39        0.00158
         260937.42    4028464.63        0.00159                   260914.19
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4028513.41        0.00155
         260818.67    4028526.68        0.00149                       260786.83
4028539.95        0.00144
         260755.00    4028553.21        0.00139                       260723.16
4028566.48        0.00137
         260691.32    4028579.75        0.00136                       260659.48
4028593.02        0.00139
         260627.64    4028606.28        0.00145                       260595.81
4028619.55        0.00154
         260563.97    4028632.82        0.00164                       260532.13
4028646.08        0.00174
         260500.29    4028659.35        0.00185                       260468.46
4028672.62        0.00195
         260436.62    4028685.89        0.00205                       260404.78
4028699.15        0.00212
         260372.94    4028712.42        0.00217                       260341.10
4028725.69        0.00220
         260309.27    4028738.96        0.00221                       260277.43
4028752.22        0.00221
         260245.59    4028765.49        0.00221                       261267.88
4027744.58        0.00163
         261458.97    4027791.15        0.00119                       261444.51
4027822.03        0.00129
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B  ***
                                  INCLUDING SOURCE(S):     PHASE3B     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
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4027883.77        0.00145
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4028007.26        0.00142
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4028069.00        0.00134
         261314.33    4028099.87        0.00133                    261299.86
4028130.74        0.00134
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4028192.49        0.00139
         261256.47    4028223.36        0.00142                    261242.00
4028254.23        0.00142
         261227.54    4028285.10        0.00141                    261213.07
4028315.98        0.00138
         261198.61    4028346.85        0.00135                    261184.15
4028377.72        0.00131
         261169.68    4028408.59        0.00127                    261155.22
4028439.46        0.00125
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4028501.21        0.00124
         261111.82    4028532.08        0.00126                    261097.36
4028562.95        0.00129
         261082.89    4028593.82        0.00132                    261052.69
4028631.25        0.00138
         261021.23    4028644.37        0.00141                    260989.76
4028657.48        0.00141
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4028683.71        0.00135
         260895.35    4028696.82        0.00129                    260863.88
4028709.94        0.00124
         260832.41    4028723.05        0.00120                    260800.94
4028736.16        0.00117
         260769.47    4028749.28        0.00117                    260738.00
4028762.39        0.00119
         260706.53    4028775.50        0.00122                    260675.06
4028788.62        0.00127
         260643.59    4028801.73        0.00135                    260612.12
4028814.85        0.00144
         260580.65    4028827.96        0.00154                    260549.18
4028841.07        0.00163
         260517.71    4028854.19        0.00171                    260486.24
4028867.30        0.00178
         260454.77    4028880.41        0.00184                    260423.30
4028893.53        0.00188
         260391.83    4028906.64        0.00191                    260360.37
4028919.75        0.00192
         260328.90    4028932.87        0.00194                    260297.43
4028945.98        0.00195
         260265.96    4028959.10        0.00195                    260234.49
4028972.21        0.00195
         261467.40    4027758.42        0.00111                    261658.44
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4027867.30        0.00098
         261614.73    4027898.40        0.00107                       261600.16
4027929.50        0.00116
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4027991.69        0.00128
         261556.45    4028022.79        0.00130                       261541.88
4028053.89        0.00130
         261527.30    4028084.99        0.00127                       261512.73
4028116.09        0.00123
         261498.16    4028147.19        0.00118                       261483.59
4028178.28        0.00115
         261469.02    4028209.38        0.00113                       261454.45
4028240.48        0.00113
         261439.88    4028271.58        0.00115                       261425.31
4028302.68        0.00117
         261410.74    4028333.77        0.00119                       261396.17
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         261381.60    4028395.97        0.00122                       261367.03
4028427.07        0.00122
         261352.46    4028458.17        0.00120                       261337.89
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         261294.18    4028582.56        0.00108                       261279.61
4028613.66        0.00105
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 297
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B  ***
                                  INCLUDING SOURCE(S):     PHASE3B     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
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         261064.10    4028828.59        0.00126                   261032.40
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         261000.70    4028855.01        0.00118                   260969.00
4028868.22        0.00113
         260937.30    4028881.43        0.00107                   260905.60
4028894.64        0.00105
         260873.90    4028907.85        0.00103                   260842.20
4028921.06        0.00103
         260810.50    4028934.27        0.00103                   260778.80
4028947.48        0.00106
         260747.10    4028960.69        0.00110                   260715.40
4028973.90        0.00115
         260683.70    4028987.11        0.00122                   260652.00
4029000.32        0.00130
         260620.30    4029013.53        0.00138                   260588.60
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         260556.90    4029039.95        0.00153                   260525.20
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         260493.50    4029066.37        0.00164                   260461.80
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4029106.00        0.00171
         260366.70    4029119.21        0.00172                   260335.00
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         260303.30    4029145.63        0.00173                   260271.60
4029158.84        0.00173
         260239.90    4029172.05        0.00172                   261666.92
4027772.26        0.00080
         260195.10    4027643.19        0.00963                   260194.68
4027618.34        0.01025
         260194.26    4027593.49        0.01095                   260193.84
4027568.64        0.01182
         260193.42    4027543.79        0.01278                   260193.01
4027518.94        0.01384
         260192.59    4027494.09        0.01505                   260192.17
4027469.24        0.01646
         260191.75    4027444.39        0.01821                   260191.33
4027419.55        0.02019
         260190.91    4027394.70        0.02255                   260190.50
4027369.85        0.02536
         260190.08    4027345.00        0.02875                   260189.66
4027320.15        0.03291
         260189.24    4027295.30        0.03803                   260188.82
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4027171.05        0.09591
         260186.73    4027146.20        0.12481                       260186.31
4027121.35        0.17483
         260185.89    4027096.50        0.28779                       260185.48
4027071.65        0.49236
         260185.06    4027046.81        0.64914                       260184.64
4027021.96        0.74139
         260184.22    4026997.11        0.84507                       260183.80
4026972.26        0.92415
         260183.38    4026947.41        0.94593                       260182.96
4026922.56        0.93576
         260220.09    4027642.77        0.00895                       260219.68
4027617.92        0.00951
         260219.26    4027593.07        0.01013                       260218.84
4027568.22        0.01097
         260218.42    4027543.37        0.01180                       260218.00
4027518.52        0.01274
         260217.58    4027493.67        0.01384                       260217.17
4027468.82        0.01510
         260216.75    4027443.97        0.01658                       260216.33
4027419.12        0.01830
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4027369.43        0.02269
         260215.07    4027344.58        0.02553                       260214.66
4027319.73        0.02896
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 298
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B  ***
                                 INCLUDING SOURCE(S):     PHASE3B     ,

                                           *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
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4027592.23        0.00877
         260268.83    4027567.38        0.00936                        260268.41
4027542.53        0.01003
         260268.00    4027517.68        0.01080                        260267.58
4027492.83        0.01169
         260267.16    4027467.98        0.01270                        260266.74
4027443.13        0.01384
         260266.32    4027418.28        0.01512                        260265.90
4027393.43        0.01663
         260265.49    4027368.58        0.01837                        260265.07
4027343.73        0.02036
         260264.65    4027318.89        0.02269                        260264.23
4027294.04        0.02543
         260263.81    4027269.19        0.02858                        260263.39
4027244.34        0.03228
         260262.97    4027219.49        0.03638                        260262.56
4027194.64        0.04088
         260262.14    4027169.79        0.04599                        260261.72
4027144.94        0.05268
         260261.30    4027120.09        0.06202                        260260.88
4027095.24        0.07565
         260260.46    4027070.39        0.09501                        260320.08
4027641.09        0.00680
         260319.66    4027616.24        0.00721                        260319.24
4027591.39        0.00768
         260318.83    4027566.54        0.00820                        260318.41
4027541.69        0.00878
         260317.99    4027516.84        0.00944                        260317.57
4027491.99        0.01018
         260317.15    4027467.14        0.01103                        260316.73
4027442.29        0.01196
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 299
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B  ***
                                 INCLUDING SOURCE(S):     PHASE3B     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
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Y-COORD (M)        CONC
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4027614.55        0.00614
         260419.23    4027589.70        0.00651                       260418.81
4027564.85        0.00690
         260418.39    4027540.00        0.00732                       260417.97
4027515.16        0.00778
         260417.56    4027490.31        0.00825                       260417.14
4027465.46        0.00876
         260416.72    4027440.61        0.00931                       260416.30
4027415.76        0.00988
         260415.88    4027390.91        0.01045                       260415.46
4027366.06        0.01103
         260415.05    4027341.21        0.01164                       260414.63
4027316.36        0.01230
         260414.21    4027291.51        0.01283                       260413.79
4027266.66        0.01328
         260413.37    4027241.81        0.01380                       260412.95
4027216.96        0.01442
         260412.54    4027192.11        0.01520                       260412.12
4027167.26        0.01624
         260411.70    4027142.41        0.01750                       260411.28
4027117.57        0.01909
         260410.86    4027092.72        0.02113                       260410.44
4027067.87        0.02375
         260410.02    4027043.02        0.02713                       260409.61
4027018.17        0.03132
         260409.19    4026993.32        0.03616                       260408.77
4026968.47        0.04148
         260408.35    4026943.62        0.04724                       260407.93
4026918.77        0.05336
         260407.51    4026893.92        0.05959                       260470.48
4027663.41        0.00519
         260470.06    4027638.56        0.00545                       260469.64
4027613.71        0.00573
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 300
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B  ***
                                 INCLUDING SOURCE(S):     PHASE3B     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260469.22	4027588.86	0.00603	260468.80	4027564.01	0.00634
260468.39	4027539.16	0.00667	260467.97	4027514.31	0.00701
260467.55	4027489.46	0.00737	260467.13	4027464.61	0.00775
260466.71	4027439.77	0.00815	260466.29	4027414.92	0.00858
260465.88	4027390.07	0.00899	260465.46	4027365.22	0.00937
260465.04	4027340.37	0.00971	260464.62	4027315.52	0.01005
260464.20	4027290.67	0.01030	260463.78	4027265.82	0.01053
260463.36	4027240.97	0.01087	260462.95	4027216.12	0.01129
260462.53	4027191.27	0.01180	260462.11	4027166.42	0.01241
260461.69	4027141.57	0.01332	260461.27	4027116.72	0.01443
260460.85	4027091.87	0.01585	260460.44	4027067.03	0.01761
260570.46	4027661.73	0.00450	260570.04	4027636.88	0.00467
260569.63	4027612.03	0.00485	260569.21	4027587.18	0.00504
260568.79	4027562.33	0.00524	260568.37	4027537.48	0.00543
260567.95	4027512.63	0.00563	260567.53	4027487.78	0.00585
260567.12	4027462.93	0.00606	260566.70	4027438.08	0.00627
260566.28	4027413.23	0.00646	260565.86	4027388.38	0.00663
260565.44	4027363.53	0.00675	260565.02	4027338.68	0.00683
260564.61	4027313.84	0.00687	260564.19	4027288.99	0.00690
260563.77	4027264.14	0.00696	260563.35	4027239.29	0.00708
260562.93	4027214.44	0.00729	260562.51	4027189.59	0.00760
260562.10	4027164.74	0.00797	260561.68	4027139.89	0.00843
260561.26	4027115.04	0.00911	260560.84		

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4027090.19        0.01005
         260560.42    4027065.34        0.01099                        260560.00
4027040.49        0.01200
         260559.59    4027015.64        0.01305                        260559.17
4026990.79        0.01434
         260558.75    4026965.94        0.01589                        260558.33
4026941.09        0.01724
         260557.91    4026916.25        0.01861                        260557.49
4026891.40        0.02042
         260670.45    4027660.04        0.00384                        260670.03
4027635.19        0.00394
         260669.61    4027610.34        0.00406                        260669.19
4027585.49        0.00420
         260668.78    4027560.65        0.00431                        260668.36
4027535.80        0.00443
         260667.94    4027510.95        0.00457                        260667.52
4027486.10        0.00469
         260667.10    4027461.25        0.00479                        260666.68
4027436.40        0.00485
         260666.27    4027411.55        0.00488                        260665.85
4027386.70        0.00487
         260665.43    4027361.85        0.00484                        260665.01
4027337.00        0.00476
         260664.59    4027312.15        0.00471                        260664.17
4027287.30        0.00471
         260663.75    4027262.45        0.00478                        260663.34
4027237.60        0.00490
         260662.92    4027212.75        0.00508                        260662.50
4027187.90        0.00533
         260662.08    4027163.06        0.00566                        260661.66
4027138.21        0.00605
         260661.24    4027113.36        0.00649                        260660.83
4027088.51        0.00700
         260660.41    4027063.66        0.00751                        260769.98
4027675.57        0.00323
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 301
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B  ***
                                 INCLUDING SOURCE(S):     PHASE3B     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260770.02	4027633.51	0.00335	260769.60	4027608.66	0.00343
260769.18	4027583.81	0.00351	260768.76	4027558.96	0.00360
260768.34	4027534.11	0.00368	260767.92	4027509.26	0.00373
260767.51	4027484.41	0.00375	260767.09	4027459.56	0.00374
260766.67	4027434.72	0.00370	260766.25	4027409.87	0.00362
260765.83	4027385.02	0.00355	260765.41	4027360.17	0.00348
260765.00	4027335.32	0.00346	260764.58	4027310.47	0.00346
260764.16	4027285.62	0.00350	260763.74	4027260.77	0.00360
260763.32	4027235.92	0.00376	260762.90	4027211.07	0.00395
260762.49	4027186.22	0.00417	260762.07	4027161.37	0.00442
260761.65	4027136.52	0.00467	260761.23	4027111.67	0.00495
260760.81	4027086.82	0.00533	260760.39	4027061.97	0.00569
260759.98	4027037.13	0.00599	260759.56	4027012.28	0.00627
260759.14	4026987.43	0.00662	260758.72	4026962.58	0.00706
260758.30	4026937.73	0.00753	260757.88	4026912.88	0.00805
260757.46	4026888.03	0.00860	260869.89	4027676.75	0.00278
260870.00	4027631.83	0.00290	260869.58	4027606.98	0.00296
260869.17	4027582.13	0.00300	260868.75	4027557.28	0.00303
260868.33	4027532.43	0.00302	260867.91	4027507.58	0.00299
260867.49	4027482.73	0.00292	260867.07	4027457.88	0.00284
260866.66	4027433.03	0.00276	260866.24	4027408.18	0.00270
260865.82	4027383.33	0.00263	260865.40		

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4027358.48        0.00259
         260864.98    4027333.63        0.00261                        260864.56
4027308.78        0.00269
         260864.14    4027283.94        0.00280                        260863.73
4027259.09        0.00293
         260863.31    4027234.24        0.00309                        260862.89
4027209.39        0.00327
         260862.47    4027184.54        0.00346                        260862.05
4027159.69        0.00363
         260861.63    4027134.84        0.00379                        260861.22
4027109.99        0.00398
         260860.80    4027085.14        0.00421                        260860.38
4027060.29        0.00441
         261069.89    4027672.67        0.00217                        261069.97
4027628.46        0.00210
         261069.56    4027603.61        0.00204                        261069.14
4027578.76        0.00197
         261068.72    4027553.91        0.00189                        261068.30
4027529.06        0.00181
         261067.88    4027504.21        0.00175                        261067.46
4027479.36        0.00172
         261067.05    4027454.51        0.00171                        261066.63
4027429.66        0.00173
         261066.21    4027404.82        0.00177                        261065.79
4027379.97        0.00182
         261065.37    4027355.12        0.00189                        261064.95
4027330.27        0.00199
         261064.54    4027305.42        0.00210                        261064.12
4027280.57        0.00219
         261063.70    4027255.72        0.00229                        261063.28
4027230.87        0.00239
         261062.86    4027206.02        0.00249                        261062.44
4027181.17        0.00257
         261062.02    4027156.32        0.00264                        261061.61
4027131.47        0.00274
         261061.19    4027106.62        0.00282                        261060.77
4027081.77        0.00292
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 302
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B  ***
                                  INCLUDING SOURCE(S):     PHASE3B     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
261060.35	4027056.92	0.00302	261269.74	4027673.60	0.00145
261269.12	4027697.26	0.00152	261268.50	4027720.92	0.00158
261270.36	4027649.94	0.00139	261269.95	4027625.09	0.00133
261269.53	4027600.24	0.00129	261269.11	4027575.39	0.00126
261268.69	4027550.54	0.00123	261268.27	4027525.70	0.00121
261267.85	4027500.85	0.00122	261267.44	4027476.00	0.00126
261267.02	4027451.15	0.00133	261266.60	4027426.30	0.00142
261266.18	4027401.45	0.00148	261265.76	4027376.60	0.00155
261265.34	4027351.75	0.00162	261264.93	4027326.90	0.00171
261264.51	4027302.05	0.00176	261264.09	4027277.20	0.00182
261263.67	4027252.35	0.00187	261263.25	4027227.50	0.00190
261262.83	4027202.65	0.00194	261262.41	4027177.80	0.00198
261262.00	4027152.95	0.00203	261261.58	4027128.11	0.00208
261261.16	4027103.26	0.00214	261260.74	4027078.41	0.00220
261260.32	4027053.56	0.00226	261469.75	4027668.94	0.00097
261468.58	4027713.68	0.00102	261470.34	4027646.58	0.00096
261469.92	4027621.73	0.00096	261469.50	4027596.88	0.00098
261469.08	4027572.03	0.00102	261468.66	4027547.18	0.00105
261468.24	4027522.33	0.00109	261467.83	4027497.48	0.00114
261467.41	4027472.63	0.00119	261466.99	4027447.78	0.00124
261466.57	4027422.93	0.00129	261466.15		

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4027398.08        0.00134
         261465.73    4027373.23        0.00140                        261465.32
4027348.38        0.00144
         261464.90    4027323.53        0.00148                        261464.48
4027298.68        0.00151
         261464.06    4027273.83        0.00154                        261463.64
4027248.99        0.00157
         261463.22    4027224.14        0.00158                        261462.80
4027199.29        0.00160
         261462.39    4027174.44        0.00162                        261461.97
4027149.59        0.00163
         261461.55    4027124.74        0.00166                        261461.13
4027099.89        0.00170
         261460.71    4027075.04        0.00175                        261460.29
4027050.19        0.00180
         261459.88    4027025.34        0.00185                        261459.46
4027000.49        0.00189
         261459.04    4026975.64        0.00193                        261458.62
4026950.79        0.00195
         261458.20    4026925.94        0.00196                        261457.78
4026901.09        0.00198
         261457.37    4026876.25        0.00198                        261669.74
4027664.72        0.00083
         261668.62    4027707.73        0.00080                        261669.89
4027618.36        0.00088
         261669.47    4027593.51        0.00092                        261669.05
4027568.66        0.00096
         261668.63    4027543.81        0.00099                        261668.22
4027518.96        0.00103
         261667.80    4027494.11        0.00107                        261667.38
4027469.26        0.00111
         261666.96    4027444.41        0.00115                        261666.54
4027419.56        0.00118
         261666.12    4027394.71        0.00122                        261665.71
4027369.87        0.00125
         261665.29    4027345.02        0.00128                        261664.87
4027320.17        0.00130
         261664.45    4027295.32        0.00131                        261664.03
4027270.47        0.00132
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 303
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B  ***
                                 INCLUDING SOURCE(S):     PHASE3B     ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
261663.61	4027245.62	0.00133	261663.19	4027220.77	0.00133
261662.78	4027195.92	0.00134	261662.36	4027171.07	0.00135
261661.94	4027146.22	0.00137	261661.52	4027121.37	0.00139
261661.10	4027096.52	0.00142	261660.68	4027071.67	0.00145
261660.27	4027046.82	0.00150	261659.85	4027021.97	0.00153
261659.43	4026997.12	0.00157	261659.01	4026972.28	0.00159
261658.59	4026947.43	0.00161	261658.17	4026922.58	0.00162
261657.76	4026897.73	0.00163	261657.34	4026872.88	0.00162
260288.10	4026826.13	0.20559	260294.23	4026848.07	0.19656
260300.37	4026870.01	0.18162	260348.08	4026861.01	0.11475
260374.46	4026775.74	0.10087	260380.66	4026797.90	0.09532
260386.85	4026820.06	0.08820	260393.05	4026842.22	0.08000
260399.25	4026864.38	0.07121	260420.80	4026761.83	0.07360
260504.00	4026700.14	0.04619	260510.29	4026722.64	0.04337
260516.59	4026745.14	0.04033	260522.88	4026767.64	0.03718
260529.17	4026790.14	0.03396	260535.47	4026812.64	0.03074
260541.76	4026835.14	0.02763	260548.05	4026857.65	0.02473
260590.35	4026649.71	0.03063	260596.64	4026672.21	0.02883
260602.94	4026694.71	0.02695	260609.23	4026717.21	0.02507
260615.52	4026739.71	0.02323	260626.01		

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4026777.21        0.02026
         260648.04    4026855.96        0.01471                        260676.70
4026599.27        0.02169
         260682.99    4026621.77        0.02049                        260689.29
4026644.27        0.01927
         260695.58    4026666.77        0.01806                        260701.87
4026689.27        0.01688
         260708.17    4026711.78        0.01577                        260714.46
4026734.28        0.01470
         260720.75    4026756.78        0.01367                        260727.05
4026779.28        0.01268
         260733.34    4026801.78        0.01173                        260739.63
4026824.28        0.01082
         260745.93    4026846.78        0.00998                        260763.05
4026548.84        0.01618
         260769.34    4026571.34        0.01532                        260775.64
4026593.84        0.01448
         260781.93    4026616.34        0.01366                        260788.22
4026638.84        0.01287
         260794.52    4026661.34        0.01214                        260800.81
4026683.84        0.01144
         260807.10    4026706.34        0.01078                        260813.40
4026728.84        0.01013
         260825.98    4026773.84        0.00888                        260846.96
4026848.84        0.00698
         260935.75    4026447.97        0.01006                        260942.04
4026470.47        0.00959
         260948.34    4026492.97        0.00915                        260954.63
4026515.47        0.00872
         260960.92    4026537.97        0.00831                        260967.22
4026560.47        0.00793
         260973.51    4026582.97        0.00758                        260979.80
4026605.47        0.00725
         260986.10    4026627.97        0.00694                        260992.39
4026650.47        0.00664
         260998.68    4026672.97        0.00634                        261004.98
4026695.47        0.00605
         261011.27    4026717.98        0.00575                        261019.66
4026747.98        0.00532
         261108.46    4026347.13        0.00690                        261114.80
4026369.78        0.00665
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                  PAGE 304
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
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VALUES FOR SOURCE GROUP: PHASE3B  ***
                                  INCLUDING SOURCE(S):     PHASE3B     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         261121.13    4026392.44        0.00640                      261127.47
4026415.10        0.00616
         261133.81    4026437.76        0.00593                      261140.15
4026460.42        0.00570
         261146.48    4026483.08        0.00549                      261152.82
4026505.74        0.00530
         261159.16    4026528.40        0.00512                      261165.50
4026551.06        0.00495
         261171.84    4026573.72        0.00479                      261178.17
4026596.37        0.00463
         261184.51    4026619.03        0.00446                      261190.85
4026641.69        0.00429
         261197.19    4026664.35        0.00412                      261203.52
4026687.01        0.00394
         261209.86    4026709.67        0.00375                      261219.37
4026743.66        0.00346
         261281.16    4026246.25        0.00520                      261287.49
4026268.89        0.00502
         261293.82    4026291.52        0.00485                      261300.15
4026314.16        0.00469
         261306.48    4026336.79        0.00453                      261312.81
4026359.42        0.00439
         261319.14    4026382.06        0.00425                      261325.47
4026404.69        0.00413
         261331.80    4026427.33        0.00401                      261338.13
4026449.96        0.00390
         261344.47    4026472.60        0.00380                      261350.80
4026495.23        0.00370
         261357.13    4026517.87        0.00361                      261363.46
4026540.50        0.00352
         261369.79    4026563.14        0.00342                      261376.12
4026585.77        0.00330
         261382.45    4026608.40        0.00317                      261388.78
4026631.04        0.00305
         261395.11    4026653.67        0.00295                      261401.44
4026676.31        0.00283
         261407.77    4026698.94        0.00270                      261414.10
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4026721.58        0.00256
         261420.44    4026744.21        0.00244                       261426.77
4026766.85        0.00232
         261433.10    4026789.48        0.00221                       261439.43
4026812.11        0.00212
         261445.76    4026834.75        0.00205                       261453.86
4026145.38        0.00410
         261460.18    4026168.00        0.00398                       261466.51
4026190.61        0.00387
         261472.83    4026213.23        0.00376                       261479.16
4026235.85        0.00365
         261485.49    4026258.46        0.00355                       261491.81
4026281.08        0.00345
         261498.14    4026303.70        0.00336                       261504.46
4026326.31        0.00329
         261510.79    4026348.93        0.00321                       261517.11
4026371.55        0.00314
         261523.44    4026394.16        0.00307                       261529.77
4026416.78        0.00301
         261536.09    4026439.39        0.00294                       261542.42
4026462.01        0.00288
         261548.74    4026484.63        0.00281                       261555.07
4026507.24        0.00276
         261561.40    4026529.86        0.00269                       261567.72
4026552.48        0.00262
         261574.05    4026575.09        0.00253                       261580.37
4026597.71        0.00245
         261586.70    4026620.33        0.00236                       261593.02
4026642.94        0.00226
         261599.35    4026665.56        0.00216                       261605.68
4026688.18        0.00206
         261612.00    4026710.79        0.00196                       261618.33
4026733.41        0.00188
         261624.65    4026756.03        0.00181                       261630.98
4026778.64        0.00174
         261637.31    4026801.26        0.00169                       261643.63
4026823.88        0.00166
         261649.96    4026846.49        0.00164                       260178.22
4026852.86        0.64012
         260186.13    4026829.14        0.46565                       260206.65
4026845.81        0.46723
         260187.19    4026799.87        0.34367                       260223.53
4026769.10        0.24043
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                        ***        18:20:08

                                  PAGE 305
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3B ***
INCLUDING SOURCE(S): PHASE3B ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260244.05	4026785.76	0.24683	260264.57	4026802.43	0.23486
260226.11	4026710.93	0.15512	260248.00	4026728.70	0.17105
260299.44	4026710.19	0.13351	260321.04	4026727.73	0.13063
260342.64	4026745.27	0.12143	260257.58	4026615.93	0.08190
260278.99	4026633.32	0.09185	260300.41	4026650.70	0.09952
260321.82	4026668.09	0.10363	260343.24	4026685.48	0.10344
260333.14	4026556.74	0.06075	260355.03	4026574.51	0.06501
260376.92	4026592.29	0.06753	260398.81	4026610.06	0.06798
260420.70	4026627.83	0.06631	260442.59	4026645.61	0.06269
260464.49	4026663.38	0.05756	260486.38	4026681.15	0.05152
260320.88	4026426.24	0.03199	260342.49	4026443.78	0.03577
260364.09	4026461.32	0.03935	260385.69	4026478.86	0.04256
260407.30	4026496.40	0.04518	260428.90	4026513.94	0.04695
260450.50	4026531.48	0.04766	260472.11	4026549.02	0.04729
260572.92	4026630.87	0.03394	260352.60	4026331.45	0.02224
260374.49	4026349.23	0.02476	260396.39	4026367.00	0.02725
260483.95	4026438.10	0.03453	260505.84	4026455.87	0.03513
260527.73	4026473.64	0.03510	260549.62		

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4026491.42        0.03442
         260571.51    4026509.19        0.03311                        260593.40
4026526.96        0.03129
         260615.30    4026544.74        0.02902                        260637.19
4026562.51        0.02645
         260659.08    4026580.28        0.02382                        260384.16
4026236.53        0.01630
         260405.84    4026254.14        0.01798                        260427.53
4026271.74        0.01967
         260449.21    4026289.35        0.02133                        260470.90
4026306.95        0.02288
         260492.58    4026324.56        0.02429                        260514.26
4026342.17        0.02548
         260535.95    4026359.77        0.02635                        260557.63
4026377.38        0.02688
         260579.32    4026394.98        0.02705                        260601.00
4026412.59        0.02684
         260622.69    4026430.19        0.02624                        260644.37
4026447.80        0.02527
         260709.42    4026500.62        0.02068                        260731.11
4026518.22        0.01888
         260447.42    4026046.81        0.00980                        260469.15
4026064.45        0.01065
         260505.36    4026093.85        0.01212                        260548.82
4026129.14        0.01390
         260570.55    4026146.78        0.01475                        260592.28
4026164.42        0.01552
         260614.01    4026182.07        0.01619                        260635.74
4026199.71        0.01673
         260657.47    4026217.35        0.01713                        260679.20
4026235.00        0.01738
         260700.93    4026252.64        0.01746                        260722.66
4026270.28        0.01739
         260744.39    4026287.92        0.01717                        260766.12
4026305.57        0.01679
         260860.29    4026382.02        0.01343                        260882.02
4026399.66        0.01245
         260903.75    4026417.30        0.01147                        260510.67
4025857.08        0.00660
         260532.43    4025874.74        0.00705                        260554.19
4025892.41        0.00756
         260575.95    4025910.08        0.00808                        260699.25
4026010.19        0.01101
         260721.01    4026027.85        0.01141                        260742.77
4026045.52        0.01174
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3B ***

INCLUDING SOURCE(S): PHASE3B ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260764.53	4026063.19	0.01199	260786.29	4026080.85	0.01216
260808.05	4026098.52	0.01226	260829.81	4026116.18	0.01229
260851.57	4026133.85	0.01225	260873.32	4026151.52	0.01215
260895.08	4026169.18	0.01196	260916.84	4026186.85	0.01168
261011.13	4026263.40	0.00955	261032.89	4026281.07	0.00895
261054.65	4026298.74	0.00836	261076.41	4026316.40	0.00778
260573.93	4025667.35	0.00480	260595.71	4025685.03	0.00510
260617.48	4025702.71	0.00541	260639.26	4025720.39	0.00572
260661.04	4025738.08	0.00604	260769.94	4025826.49	0.00776
260849.80	4025891.33	0.00878	260871.58	4025909.01	0.00895
260893.36	4025926.69	0.00907	260915.13	4025944.38	0.00914
260936.91	4025962.06	0.00918	260958.69	4025979.74	0.00920
260980.47	4025997.43	0.00918	261002.25	4026015.11	0.00913
261024.03	4026032.79	0.00904	261045.81	4026050.47	0.00889
261067.59	4026068.16	0.00868	261089.37	4026085.84	0.00841
261111.15	4026103.52	0.00810	261132.93	4026121.20	0.00775
261154.71	4026138.89	0.00737	261176.49		

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4026156.57        0.00698
         261198.26    4026174.25        0.00659                     261220.04
4026191.94        0.00620
         261241.82    4026209.62        0.00583                     261263.60
4026227.30        0.00548
         260637.18    4025477.61        0.00369                     260658.97
4025495.31        0.00389
         260680.76    4025513.00        0.00409                     260702.56
4025530.70        0.00431
         260724.35    4025548.39        0.00452                     260746.15
4025566.09        0.00473
         260767.94    4025583.78        0.00495                     260789.73
4025601.48        0.00518
         260811.53    4025619.17        0.00542                     260833.32
4025636.87        0.00566
         260855.12    4025654.56        0.00591                     260876.91
4025672.26        0.00616
         260898.71    4025689.95        0.00640                     260920.50
4025707.65        0.00661
         260942.29    4025725.34        0.00679                     260964.09
4025743.04        0.00693
         260985.88    4025760.73        0.00703                     261007.68
4025778.43        0.00710
         261029.47    4025796.12        0.00715                     261051.26
4025813.82        0.00719
         261073.06    4025831.51        0.00721                     261094.85
4025849.21        0.00722
         261116.65    4025866.90        0.00721                     261138.44
4025884.59        0.00718
         261160.23    4025902.29        0.00713                     261182.03
4025919.98        0.00703
         261203.82    4025937.68        0.00690                     261225.62
4025955.37        0.00672
         261247.41    4025973.07        0.00652                     261269.20
4025990.76        0.00628
         261291.00    4026008.46        0.00602                     261312.79
4026026.15        0.00575
         261334.59    4026043.85        0.00547                     261356.38
4026061.54        0.00520
         261378.18    4026079.24        0.00494                     261399.97
4026096.93        0.00469
         261421.76    4026114.63        0.00444                     259786.65
4026922.81        0.05010
         259785.22    4026946.18        0.05353                     259786.24
4026967.32        0.05740
         259787.46    4026993.13        0.06156                     259786.85
4027016.70        0.06340
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE4 ***
INCLUDING SOURCE(S): PHASE4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260122.88	4026867.29	0.01017	260099.69	4026867.81	0.00936
260076.51	4026868.33	0.00865	260053.32	4026868.85	0.00804
260030.13	4026869.37	0.00753	260006.94	4026869.89	0.00711
259983.76	4026870.42	0.00678	259960.57	4026870.94	0.00651
260145.51	4026841.77	0.01011	260122.32	4026842.29	0.00930
260099.13	4026842.82	0.00858	260075.94	4026843.34	0.00795
260052.76	4026843.86	0.00741	260029.57	4026844.38	0.00696
260006.38	4026844.90	0.00659	259983.19	4026845.42	0.00629
259960.01	4026845.94	0.00606	260157.65	4026818.69	0.00975
260121.76	4026817.30	0.00854	260098.57	4026817.82	0.00790
260075.38	4026818.34	0.00734	260052.19	4026818.86	0.00686
260029.01	4026819.39	0.00645	260005.82	4026819.91	0.00612
259982.63	4026820.43	0.00586	259959.44	4026820.95	0.00565
260161.32	4026794.34	0.00910	260121.20	4026792.31	0.00787
260098.01	4026792.83	0.00729	260074.82	4026793.35	0.00679
260051.63	4026793.87	0.00636	260028.45		

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4026794.39        0.00600
         260005.26    4026794.91        0.00571                      259982.07
4026795.43        0.00547
         259958.88    4026795.96        0.00527                      260160.19
4026744.35        0.00773
         260120.07    4026742.32        0.00674                      260096.88
4026742.84        0.00627
         260073.70    4026743.36        0.00587                      260050.51
4026743.88        0.00552
         260027.32    4026744.40        0.00523                      260004.13
4026744.93        0.00500
         259980.95    4026745.45        0.00480                      259957.76
4026745.97        0.00464
         260164.72    4026695.21        0.00680                      260187.30
4026698.62        0.00737
         260142.14    4026691.81        0.00627                      260118.95
4026692.33        0.00584
         260095.76    4026692.85        0.00546                      260072.57
4026693.37        0.00513
         260049.39    4026693.90        0.00485                      260026.20
4026694.42        0.00461
         260003.01    4026694.94        0.00442                      259979.82
4026695.46        0.00426
         259956.64    4026695.98        0.00412                      260162.18
4026645.01        0.00588
         260204.52    4026651.40        0.00679                      260117.82
4026642.34        0.00511
         260094.64    4026642.87        0.00480                      260071.45
4026643.39        0.00452
         260048.26    4026643.91        0.00429                      260025.07
4026644.43        0.00410
         260001.89    4026644.95        0.00394                      259978.70
4026645.47        0.00381
         259955.51    4026645.99        0.00370                      260160.21
4026594.90        0.00515
         260200.85    4026601.03        0.00588                      260116.70
4026592.36        0.00452
         260093.51    4026592.88        0.00425                      260070.33
4026593.40        0.00403
         260047.14    4026593.92        0.00384                      260023.95
4026594.44        0.00368
         260000.76    4026594.96        0.00355                      259977.58
4026595.48        0.00343
         259954.39    4026596.01        0.00334                      260160.22
4026495.27        0.00410
         260182.80    4026498.67        0.00439                      260205.38
4026502.07        0.00470
         260227.96    4026505.48        0.00503                      260250.54
4026508.88        0.00536
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                  INCLUDING SOURCE(S):   PHASE4   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         260137.64   4026491.86   0.00383   260114.45
4026492.38   0.00361
         260091.27   4026492.90   0.00343   260068.08
4026493.42   0.00327
         260044.89   4026493.95   0.00313   260021.70
4026494.47   0.00302
         259998.52   4026494.99   0.00293   259975.33
4026495.51   0.00285
         259952.14   4026496.03   0.00278   260156.56
4026395.08   0.00331
         260198.90   4026401.46   0.00374   260241.24
4026407.84   0.00421
         260283.58   4026414.23   0.00469   260112.21
4026392.41   0.00297
         260089.02   4026392.93   0.00283   260065.83
4026393.45   0.00272
         260042.64   4026393.97   0.00262   260019.46
4026394.49   0.00254
         259996.27   4026395.01   0.00247   259973.08
4026395.54   0.00241
         259949.89   4026396.06   0.00236   260155.73
4026295.32   0.00277
         260178.31   4026298.72   0.00294   260200.89
4026302.12   0.00312
         260223.47   4026305.53   0.00331   260246.05
4026308.93   0.00352
         260268.63   4026312.34   0.00373   260291.21
4026315.74   0.00393
         260313.79   4026319.15   0.00413   260133.15

4026291.91 0.00262
260109.96 4026292.43 0.00250 260086.77
4026292.95 0.00240
260063.58 4026293.48 0.00231 260040.40
4026294.00 0.00224
260017.21 4026294.52 0.00218 259994.02
4026295.04 0.00212
259970.83 4026295.56 0.00208 259947.65
4026296.08 0.00204
260152.45 4026195.19 0.00235 260195.56
4026201.69 0.00261
260238.67 4026208.18 0.00291 260281.77
4026214.68 0.00323
260324.88 4026221.18 0.00354 260107.71
4026192.46 0.00215
260084.52 4026192.98 0.00207 260061.34
4026193.50 0.00200
260038.15 4026194.02 0.00194 260014.96
4026194.54 0.00190
259991.77 4026195.06 0.00186 259968.59
4026195.59 0.00183
259945.40 4026196.11 0.00180 260148.18
4025995.27 0.00178
260191.72 4026001.84 0.00195 260235.27
4026008.40 0.00214
260278.82 4026014.97 0.00236 260322.37
4026021.53 0.00259
260365.91 4026028.10 0.00281 260409.46
4026034.66 0.00301
260103.22 4025992.51 0.00165 260080.03
4025993.03 0.00161
260056.84 4025993.55 0.00157 260033.65
4025994.07 0.00153
260010.47 4025994.59 0.00151 259987.28
4025995.11 0.00148
259964.09 4025995.64 0.00146 259940.90
4025996.16 0.00144
260143.82 4025795.34 0.00142 260187.66
4025801.95 0.00153
260231.49 4025808.56 0.00166 260275.32
4025815.17 0.00182
260319.15 4025821.78 0.00200 260362.98
4025828.38 0.00216
260406.82 4025834.99 0.00232 260450.65
4025841.60 0.00245
260098.72 4025792.56 0.00134 260075.53
4025793.08 0.00131
260052.35 4025793.60 0.00128 260029.16
4025794.12 0.00126
260005.97 4025794.64 0.00124 259982.78

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE4   ***
                                   INCLUDING SOURCE(S):   PHASE4   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                            ** CONC OF OTHER   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
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```
4025442.09        0.00162
         260488.44    4025448.75        0.00171                   260532.61
4025455.41        0.00178
         260576.79    4025462.07        0.00185                   260089.73
4025392.66        0.00097
         260066.54    4025393.18        0.00096                   260043.36
4025393.70        0.00095
         260020.17    4025394.22        0.00094                   259996.98
4025394.75        0.00092
         259973.79    4025395.27        0.00091                   259950.61
4025395.79        0.00091
         259927.42    4025396.31        0.00090                   259936.53
4026919.72        0.00728
         259936.93    4026943.08        0.00785                   259937.33
4026966.44        0.00849
         259937.73    4026989.80        0.00920                   259938.13
4027013.16        0.01001
         259918.11    4026879.03        0.00628                   259911.54
4026920.14        0.00703
         259911.93    4026943.51        0.00757                   259912.33
4026966.87        0.00816
         259912.73    4026990.23        0.00883                   259913.13
4027013.59        0.00957
         259893.11    4026879.46        0.00610                   259924.52
4026836.29        0.00561
         259886.54    4026920.57        0.00681                   259886.94
4026943.93        0.00731
         259887.34    4026967.29        0.00786                   259887.73
4026990.66        0.00846
         259888.13    4027014.02        0.00913                   259868.12
4026879.88        0.00594
         259882.06    4026844.38        0.00548                   259906.50
4026818.96        0.00525
         259861.54    4026921.00        0.00660                   259861.94
4026944.36        0.00705
         259862.34    4026967.72        0.00755                   259862.74
4026991.08        0.00810
         259863.14    4027014.44        0.00869                   259819.52
4026877.19        0.00557
         259827.89    4026855.88        0.00533                   259836.25
4026834.58        0.00511
         259844.62    4026813.28        0.00488                   259873.94
4026782.78        0.00464
         259894.90    4026773.58        0.00462                   259915.85
4026764.37        0.00461
         259936.80    4026755.17        0.00462                   259811.55
4026921.85        0.00614
         259811.95    4026945.21        0.00651                   259812.35
4026968.57        0.00690
         259812.75    4026991.93        0.00734                   259813.14
```

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                  INCLUDING SOURCE(S):   PHASE4   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         259801.00   4026797.90   0.00453   259836.90
4026748.57   0.00417
         259876.81   4026731.04   0.00412   259916.72
4026713.51   0.00410
         259718.91   4026880.47   0.00476   259734.41
4026841.02   0.00456
         259749.90   4026801.57   0.00433   259765.40
4026762.13   0.00407
         259800.30   4026714.16   0.00378   259839.10
4026697.12   0.00373
         259877.90   4026680.08   0.00368   259916.71
4026663.03   0.00367
         259669.54   4026879.74   0.00427   259677.91
4026858.44   0.00422
         259686.28   4026837.14   0.00415   259694.64
4026815.84   0.00408
         259703.01   4026794.54   0.00400   259711.38
4026773.24   0.00391
         259719.75   4026751.94   0.00381   259728.11
4026730.63   0.00370
         259736.48   4026709.33   0.00359   259765.80
4026678.83   0.00346
         259786.76   4026669.63   0.00343   259807.71
4026660.42   0.00340
         259828.66   4026651.22   0.00337   259849.62

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4026642.02        0.00334
         259870.57    4026632.82        0.00332                    259891.53
4026623.61        0.00331
         259912.48    4026614.41        0.00331                    259933.43
4026605.21        0.00332
         259569.16    4026882.46        0.00343                    259585.09
4026841.89        0.00337
         259601.03    4026801.31        0.00329                    259616.97
4026760.74        0.00325
         259632.91    4026720.17        0.00322                    259648.85
4026679.59        0.00313
         259664.78    4026639.02        0.00299                    259692.71
4026609.97        0.00294
         259732.62    4026592.44        0.00291                    259772.53
4026574.91        0.00286
         259812.45    4026557.38        0.00280                    259852.36
4026539.85        0.00276
         259892.27    4026522.32        0.00275                    259485.81
4026841.80        0.00278
         259502.22    4026800.04        0.00271                    259518.63
4026758.27        0.00267
         259535.03    4026716.50        0.00267                    259543.24
4026695.62        0.00266
         259559.64    4026653.85        0.00265                    259576.05
4026612.08        0.00261
         259592.46    4026570.32        0.00256                    259621.20
4026540.41        0.00252
         259662.29    4026522.37        0.00252                    259703.37
4026504.32        0.00250
         259744.46    4026486.28        0.00244                    259785.55
4026468.23        0.00239
         259826.63    4026450.19        0.00235                    259867.72
4026432.14        0.00233
         259888.26    4026423.12        0.00234                    259377.95
4026863.56        0.00262
         259386.32    4026842.26        0.00252                    259394.69
4026820.95        0.00243
         259403.05    4026799.65        0.00236                    259411.42
4026778.35        0.00230
         259419.79    4026757.05        0.00226                    259428.16
4026735.75        0.00224
         259436.52    4026714.45        0.00221                    259444.89
4026693.15        0.00220
         259453.26    4026671.84        0.00220                    259461.63
4026650.54        0.00220
         259469.99    4026629.24        0.00221                    259478.36
4026607.94        0.00221
         259486.73    4026586.64        0.00221                    259495.10
4026565.34        0.00221
         259503.46    4026544.04        0.00221                    259511.83
```

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                 INCLUDING SOURCE(S):   PHASE4   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

```
4026843.03        0.00245
         259295.19    4026821.42        0.00233                    259303.67
4026799.81        0.00223
         259312.16    4026778.20        0.00214                    259320.65
4026756.59        0.00207
         259329.14    4026734.98        0.00201                    259337.63
4026713.37        0.00196
         259346.12    4026691.76        0.00192                    259354.61
4026670.15        0.00189
         259363.10    4026648.54        0.00187                    259371.58
4026626.93        0.00186
         259380.07    4026605.32        0.00185                    259388.56
4026583.71        0.00186
         259397.05    4026562.10        0.00186                    259405.54
4026540.49        0.00187
         259414.03    4026518.88        0.00187                    259422.52
4026497.27        0.00188
         259431.00    4026475.66        0.00189                    259439.49
4026454.05        0.00189
         259447.98    4026432.44        0.00188                    259477.73
4026401.50        0.00191
         259498.99    4026392.16        0.00195                    259520.24
4026382.83        0.00197
         259541.50    4026373.49        0.00198                    259562.76
4026364.15        0.00198
         259584.02    4026354.82        0.00198                    259605.27
4026345.48        0.00196
         259626.53    4026336.15        0.00194                    259647.79
4026326.81        0.00192
         259669.05    4026317.47        0.00190                    259690.31
4026308.14        0.00187
         259711.56    4026298.80        0.00185                    259732.82
4026289.47        0.00183
         259754.08    4026280.13        0.00181                    259775.34
4026270.79        0.00179
         259796.59    4026261.46        0.00179                    259817.85
4026252.12        0.00178
         259839.11    4026242.79        0.00178                    259860.37
4026233.45        0.00178
         259881.62    4026224.11        0.00178                    259902.88
4026214.78        0.00179
         259924.14    4026205.44        0.00179                    259261.63
4026931.23        0.00305
         259262.03    4026954.59        0.00324                    259262.43
4026977.95        0.00343
         259262.83    4027001.31        0.00361                    259263.22
4027024.67        0.00380
         259263.62    4027048.03        0.00397                    259069.63
4026889.97        0.00270
         259078.00    4026868.67        0.00259                    259086.36
```

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                  INCLUDING SOURCE(S):   PHASE4   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

```
4026253.83        0.00152
         259375.14    4026244.63        0.00155                    259396.10
4026235.42        0.00157
         259417.05    4026226.22        0.00159                    259438.01
4026217.02        0.00161
         259458.96    4026207.82        0.00162                    259479.91
4026198.61        0.00162
         259500.87    4026189.41        0.00161                    259521.82
4026180.21        0.00161
         259542.78    4026171.01        0.00159                    259563.73
4026161.80        0.00158
         259584.68    4026152.60        0.00156                    259605.64
4026143.40        0.00154
         259626.59    4026134.20        0.00152                    259647.55
4026124.99        0.00150
         259668.50    4026115.79        0.00148                    259689.45
4026106.59        0.00146
         259710.41    4026097.39        0.00145                    259731.36
4026088.18        0.00144
         259752.32    4026078.98        0.00143                    259773.27
4026069.78        0.00143
         259794.23    4026060.58        0.00142                    259815.18
4026051.37        0.00142
         259836.13    4026042.17        0.00142                    259857.09
4026032.97        0.00143
         259878.04    4026023.77        0.00143                    259899.00
4026014.56        0.00143
         259919.95    4026005.36        0.00143                    259061.66
4026934.64        0.00291
         259062.06    4026958.00        0.00299                    259062.46
4026981.36        0.00307
         259062.85    4027004.72        0.00313                    259063.25
4027028.08        0.00319
         259063.65    4027051.44        0.00323                    258869.81
4026892.99        0.00244
         258878.33    4026871.29        0.00241                    258886.86
4026849.60        0.00238
         258895.38    4026827.90        0.00233                    258903.90
4026806.20        0.00228
         258912.42    4026784.51        0.00222                    258920.95
4026762.81        0.00214
         258929.47    4026741.12        0.00205                    258937.99
4026719.42        0.00197
         258946.51    4026697.73        0.00187                    258955.04
4026676.03        0.00179
         258963.56    4026654.33        0.00171                    258972.08
4026632.64        0.00163
         258980.60    4026610.94        0.00156                    258989.12
4026589.25        0.00150
         258997.65    4026567.55        0.00144                    259006.17
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4026545.85   0.00139
         259014.69   4026524.16   0.00134   259023.21
4026502.46   0.00130
         259031.74   4026480.77   0.00127   259040.26
4026459.07   0.00124
         259048.78   4026437.38   0.00121   259057.30
4026415.68   0.00119
         259065.83   4026393.98   0.00117   259074.35
4026372.29   0.00115

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                               INCLUDING SOURCE(S):   PHASE4   ,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

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4026039.91        0.00136
         259402.86    4026030.53        0.00136                    259424.20
4026021.16        0.00136
         259445.54    4026011.79        0.00135                    259466.88
4026002.41        0.00134
         259488.22    4025993.04        0.00133                    259509.57
4025983.67        0.00131
         259530.91    4025974.29        0.00130                    259552.25
4025964.92        0.00128
         259573.59    4025955.55        0.00126                    259594.94
4025946.18        0.00125
         259616.28    4025936.80        0.00123                    259637.62
4025927.43        0.00122
         259658.96    4025918.06        0.00121                    259680.30
4025908.68        0.00120
         259701.65    4025899.31        0.00119                    259722.99
4025889.94        0.00119
         259744.33    4025880.56        0.00119                    259765.67
4025871.19        0.00119
         259787.01    4025861.82        0.00119                    259808.36
4025852.45        0.00119
         259829.70    4025843.07        0.00119                    259851.04
4025833.70        0.00119
         259872.38    4025824.33        0.00119                    259893.72
4025814.95        0.00120
         259915.07    4025805.58        0.00120                    258861.29
4026914.68        0.00244
         258861.69    4026938.04        0.00245                    258862.09
4026961.41        0.00247
         258862.48    4026984.77        0.00249                    258862.88
4027008.13        0.00250
         258863.28    4027031.49        0.00250                    258863.68
4027054.85        0.00251
         258669.75    4026896.63        0.00201                    258678.18
4026875.16        0.00203
         258686.62    4026853.69        0.00204                    258695.05
4026832.23        0.00205
         258703.48    4026810.76        0.00204                    258711.91
4026789.29        0.00203
         258720.34    4026767.83        0.00201                    258728.78
4026746.36        0.00199
         258737.21    4026724.89        0.00195                    258745.64
4026703.43        0.00191
         258754.07    4026681.96        0.00186                    258762.51
4026660.50        0.00181
         258770.94    4026639.03        0.00175                    258779.37
4026617.56        0.00168
         258787.80    4026596.10        0.00162                    258796.23
4026574.63        0.00156
         258804.67    4026553.16        0.00149                    258813.10
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4026531.70        0.00143
         258821.53    4026510.23        0.00137                       258829.96
4026488.76        0.00131
         258838.40    4026467.30        0.00126                       258846.83
4026445.83        0.00121
         258855.26    4026424.36        0.00117                       258863.69
4026402.90        0.00114
         258872.13    4026381.43        0.00111                       258880.56
4026359.97        0.00108
         258888.99    4026338.50        0.00106                       258897.42
4026317.03        0.00104
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                PAGE 314
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                INCLUDING SOURCE(S):     PHASE4      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         258905.85    4026295.57        0.00102                       258914.29
4026274.10        0.00100
         258922.72    4026252.63        0.00098                       258931.15
4026231.17        0.00097
         258939.58    4026209.70        0.00096                       258948.02
4026188.23        0.00095
         258956.45    4026166.77        0.00093                       258964.88
4026145.30        0.00093
         258973.31    4026123.83        0.00093                       258981.74
4026102.37        0.00092
         258990.18    4026080.90        0.00092                       258998.61
4026059.44        0.00092
         259007.04    4026037.97        0.00093                       259015.47
4026016.50        0.00093
         259045.02    4025985.76        0.00096                       259066.14
4025976.49        0.00099
         259087.25    4025967.21        0.00102                       259108.37
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4025957.94        0.00104
         259129.49    4025948.67        0.00106                    259150.60
4025939.39        0.00109
         259171.72    4025930.12        0.00111                    259192.84
4025920.84        0.00113
         259213.95    4025911.57        0.00114                    259235.07
4025902.30        0.00115
         259256.19    4025893.02        0.00117                    259277.30
4025883.75        0.00117
         259298.42    4025874.48        0.00118                    259319.54
4025865.20        0.00118
         259340.65    4025855.93        0.00118                    259361.77
4025846.65        0.00117
         259382.89    4025837.38        0.00116                    259404.00
4025828.11        0.00116
         259425.12    4025818.83        0.00115                    259446.23
4025809.56        0.00113
         259467.35    4025800.28        0.00112                    259488.47
4025791.01        0.00111
         259509.58    4025781.74        0.00109                    259530.70
4025772.46        0.00108
         259551.82    4025763.19        0.00106                    259572.93
4025753.91        0.00105
         259594.05    4025744.64        0.00104                    259615.17
4025735.37        0.00104
         259636.28    4025726.09        0.00103                    259657.40
4025716.82        0.00102
         259678.52    4025707.55        0.00102                    259699.63
4025698.27        0.00102
         259720.75    4025689.00        0.00102                    259741.87
4025679.72        0.00102
         259762.98    4025670.45        0.00102                    259784.10
4025661.18        0.00102
         259805.21    4025651.90        0.00102                    259826.33
4025642.63        0.00102
         259847.45    4025633.35        0.00102                    259868.56
4025624.08        0.00102
         259889.68    4025614.81        0.00102                    259910.80
4025605.53        0.00103
         258661.32    4026918.09        0.00200                    258661.72
4026941.45        0.00200
         258662.12    4026964.82        0.00200                    258662.51
4026988.18        0.00200
         258662.91    4027011.54        0.00202                    258663.31
4027034.90        0.00205
         258663.71    4027058.26        0.00209                    258469.89
4026899.77        0.00166
         258478.42    4026878.03        0.00168                    258486.96
4026856.29        0.00169
         258495.50    4026834.56        0.00171                    258504.04
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4026812.82   0.00173
         258512.58   4026791.09   0.00174   258521.11
4026769.35   0.00175
         258529.65   4026747.61   0.00176   258538.19
4026725.88   0.00177
         258546.73   4026704.14   0.00177   258555.27
4026682.41   0.00176
         258563.81   4026660.67   0.00175   258572.34
4026638.93   0.00172
         258580.88   4026617.20   0.00169   258589.42
4026595.46   0.00165
         258597.96   4026573.73   0.00161   258606.50
4026551.99   0.00157

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                 INCLUDING SOURCE(S):   PHASE4   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

```
4026204.21        0.00091
         258751.64    4026182.48        0.00090                   258760.18
4026160.74        0.00088
         258768.72    4026139.01        0.00087                   258777.26
4026117.27        0.00086
         258785.80    4026095.53        0.00085                   258794.34
4026073.80        0.00083
         258802.87    4026052.06        0.00082                   258811.41
4026030.33        0.00081
         258819.95    4026008.59        0.00080                   258828.49
4025986.85        0.00079
         258837.03    4025965.12        0.00079                   258845.56
4025943.38        0.00078
         258854.10    4025921.65        0.00078                   258862.64
4025899.91        0.00078
         258871.18    4025878.17        0.00079                   258901.10
4025847.05        0.00081
         258922.48    4025837.66        0.00083                   258943.86
4025828.27        0.00085
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4025809.49        0.00089
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4025790.70        0.00093
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4025771.92        0.00097
         259093.53    4025762.53        0.00099                   259114.92
4025753.14        0.00100
         259136.30    4025743.75        0.00101                   259157.68
4025734.36        0.00102
         259179.06    4025724.97        0.00103                   259200.44
4025715.58        0.00103
         259221.82    4025706.19        0.00103                   259243.21
4025696.80        0.00104
         259264.59    4025687.41        0.00104                   259285.97
4025678.02        0.00103
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4025659.24        0.00102
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4025621.68        0.00098
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         259478.40    4025593.51        0.00095                   259499.79
4025584.12        0.00094
         259521.17    4025574.73        0.00093                   259542.55
4025565.34        0.00092
         259563.93    4025555.95        0.00091                   259585.31
4025546.55        0.00090
         259606.69    4025537.16        0.00090                   259628.08
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4025490.21   0.00089
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4025471.43   0.00090
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4025452.65   0.00090
         259820.51   4025443.26   0.00090   259841.89
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4025415.09   0.00090
         259906.04   4025405.70   0.00090   258461.35
4026921.50   0.00166

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                   INCLUDING SOURCE(S):   PHASE4   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

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4026540.45 0.00270
259769.04 4026541.05 0.00268 259746.37
4026541.64 0.00267
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4026436.90 0.00245
259789.07 4026440.48 0.00228 259766.41
4026441.08 0.00228
259743.74 4026441.68 0.00227 259945.10
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259922.43 4026336.94 0.00212 259786.44
4026340.52 0.00197
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4026341.71 0.00196
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259894.50 4026137.61 0.00162 259871.84
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259849.17 4026138.80 0.00159 259826.51
4026139.40 0.00157
259803.84 4026139.99 0.00156 259781.18
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4025937.08 0.00134
259889.24 4025937.67 0.00133 259866.58
4025938.27 0.00131
259843.91 4025938.87 0.00130 259821.24
4025939.46 0.00129
259798.58 4025940.06 0.00128 259775.91
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4025741.92 0.00106
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4026916.26        0.02011
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 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 317
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                    INCLUDING SOURCE(S):     PHASE4      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
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         260356.90    4026914.08        0.02563                        260356.40
4026891.22        0.02324
         260459.36    4027026.22        0.04269                        260458.87
4027003.35        0.03950
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4027021.86        0.02745
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4026976.13        0.02645
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4026930.40        0.02510
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4026884.68        0.02325
         260859.27    4027017.50        0.01454                   260858.77
4026994.64        0.01483
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4026921.69        0.00892
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4026875.96        0.00934
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         261258.18    4026963.06        0.00530                   261257.68
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4026826.23        0.00488
         259798.03    4026771.96        0.00427                   259766.16
4026710.47        0.00368
         259713.18    4026705.57        0.00350                   259863.07
4026697.95        0.00379
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4026610.76        0.00304
         259879.85    4026654.96        0.00350                   259977.30
4026719.03        0.00447
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4026510.93        0.00255
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4026411.06        0.00217
         259877.69    4026456.67        0.00244                   259911.97
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4026625.19        0.00519
         260182.16    4026725.77        0.00786                       260197.01
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         260211.87    4026792.82        0.01073                       260226.72
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         260241.57    4026859.87        0.01512                       259754.68
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         260031.07    4026416.25        0.00267                       260065.62
4026429.38        0.00289
         260100.17    4026442.52        0.00317                       260134.71
4026455.65        0.00353
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4026570.17        0.00565
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 318
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                  INCLUDING SOURCE(S):     PHASE4      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
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4026637.76        0.00731
         260259.09    4026671.55        0.00836                       260274.06
4026705.35        0.00962
         260289.03    4026739.14        0.01115                       260304.00
4026772.94        0.01300
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4026332.35        0.00248
         260103.69    4026345.12        0.00269                    260137.28
4026357.90        0.00296
         260170.87    4026370.67        0.00328                    260221.26
4026389.82        0.00386
         260252.61    4026429.06        0.00452                    260267.16
4026461.92        0.00501
         260281.71    4026494.77        0.00558                    260296.27
4026527.63        0.00622
         260310.82    4026560.48        0.00696                    260325.38
4026593.34        0.00782
         260339.93    4026626.19        0.00883                    260354.49
4026659.05        0.01004
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4026724.76        0.01316
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4026108.45        0.00169
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4026267.72        0.00420
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         260456.88    4026434.46        0.00665                    260471.65
4026467.81        0.00738
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4026534.51        0.00915
         260515.98    4026567.86        0.01020                    260530.75
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         260545.52    4026634.56        0.01265                    260560.30
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4026667.91        0.01407
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4026734.61        0.01716
         260604.62    4026767.96        0.01874                       260619.39
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         260634.17    4026834.65        0.02160                       259709.35
4026005.34        0.00132
         259738.67    4025811.39        0.00112                       259773.09
4025824.48        0.00115
         259859.15    4025857.20        0.00122                       259893.58
4025870.29        0.00125
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4025922.64        0.00143
         260065.69    4025935.73        0.00149                       260100.12
4025948.82        0.00158
         260134.54    4025961.91        0.00167                       260168.96
4025974.99        0.00180
         260341.08    4026040.43        0.00275                       260375.50
4026053.52        0.00296
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                        ***        18:20:08

                                   PAGE 319
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                   INCLUDING SOURCE(S):     PHASE4      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4026079.70        0.00333
         260478.78    4026092.79        0.00354                       260520.66
4026122.71        0.00391
         260535.57    4026156.38        0.00422                       260550.49
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         260565.41    4026223.72        0.00498                       260580.32
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4026324.74        0.00644
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4025695.51        0.00111
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4025721.38        0.00118
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4025747.25        0.00128
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4025844.28        0.00214
         260378.57    4025857.22        0.00229                   260412.60
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         260446.62    4025883.09        0.00257                   260480.65
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4025921.90        0.00298
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4025947.77        0.00332
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         260687.63    4026043.91        0.00419                   260702.38
4026077.19        0.00449
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4026410.01        0.00891
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4026476.58        0.00984
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         260923.54    4026576.42        0.01089                       260938.28
4026609.71        0.01116
         260953.02    4026642.99        0.01137                       260967.77
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4026809.40        0.01049
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4025470.21        0.00093
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 320
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                   INCLUDING SOURCE(S):     PHASE4      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4025496.27        0.00096
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4025763.42 0.00267
260685.52 4025776.45 0.00281 260719.80
4025789.48 0.00297
260754.07 4025802.51 0.00313 260795.77
4025832.30 0.00339
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260840.33 4025932.88 0.00402 260855.18
4025966.41 0.00425
260870.03 4025999.93 0.00451 260884.89
4026033.46 0.00479
260899.74 4026066.98 0.00509 260914.59
4026100.51 0.00542
260929.44 4026134.04 0.00577 260944.29
4026167.56 0.00614
260959.14 4026201.09 0.00650 260974.00
4026234.61 0.00686
260988.85 4026268.14 0.00718 261003.70
4026301.67 0.00746
261018.55 4026335.19 0.00770 261033.40
4026368.72 0.00792
261048.26 4026402.24 0.00813 261063.11
4026435.77 0.00832
261077.96 4026469.29 0.00851 261092.81
4026502.82 0.00865
261107.66 4026536.35 0.00874 261122.52
4026569.87 0.00874
261137.37 4026603.40 0.00865 261152.22
4026636.92 0.00846
261167.07 4026670.45 0.00819 261181.92
4026703.97 0.00785
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4026771.03 0.00704
261226.48 4026804.55 0.00662 261241.33
4026838.08 0.00621
259690.21 4025405.64 0.00085 259694.18

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         259569.47    4026858.74        0.00332                       259544.63
4026859.28        0.00316
         259519.80    4026859.82        0.00302                       259470.13
4026860.91        0.00281
         259445.30    4026861.45        0.00273                       259643.42
4026832.12        0.00377
         259618.59    4026832.66        0.00357                       259544.09
4026834.29        0.00306
         259519.25    4026834.83        0.00292                       259444.75
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         259667.71    4026806.58        0.00383                       259642.87
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         259568.37    4026808.75        0.00312                       259543.54
4026809.29        0.00297
         259469.04    4026810.92        0.00260                       259444.21
4026811.46        0.00252
         259691.45    4026756.05        0.00370                       259666.62
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4026758.22        0.00310
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 321
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                  INCLUDING SOURCE(S):     PHASE4      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         259567.28    4026758.76        0.00296                       259542.45
4026759.30        0.00282
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4026706.06 0.00342
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4026708.23 0.00295
259566.19 4026708.77 0.00282 259491.69
4026710.40 0.00244
259466.85 4026710.95 0.00233 259689.26
4026656.07 0.00316
259639.60 4026657.16 0.00300 259614.76
4026657.70 0.00291
259589.93 4026658.24 0.00280 259515.43
4026659.87 0.00245
259490.59 4026660.41 0.00234 259663.34
4026606.63 0.00286
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4026607.71 0.00272
259539.17 4026609.34 0.00246 259514.34
4026609.88 0.00236
259439.84 4026611.51 0.00206 259636.32
4026507.19 0.00244
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4026508.28 0.00237
259561.82 4026508.82 0.00231 259487.32
4026510.45 0.00211
259462.48 4026510.99 0.00202 259634.13
4026407.22 0.00214
259609.30 4026407.76 0.00211 259584.47
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259580.10 4026208.35 0.00166 259555.26
4026208.89 0.00166
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259650.23 4026006.77 0.00131 259625.39

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4026009.48        0.00134
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4025806.82        0.00110
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4025807.90        0.00110
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4025808.99        0.00111
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         259591.82    4025607.95        0.00094                       259566.99
4025608.49        0.00094
         259542.15    4025609.04        0.00095                       259517.32
4025609.58        0.00095
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4025406.91        0.00084
         259612.29    4025407.46        0.00083                       259587.45
4025408.00        0.00083
         259562.62    4025408.54        0.00083                       259537.78
4025409.08        0.00083
         259512.95    4025409.63        0.00083                       259488.12
4025410.17        0.00083
↑ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 322
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                 INCLUDING SOURCE(S):     PHASE4      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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4026860.93        0.00256
         259331.22    4026825.36        0.00237                   259355.67
4026799.88        0.00228
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         259389.55    4026734.53        0.00212                   259217.31
4026862.84        0.00257
         259231.23    4026827.26        0.00236                   259245.15
4026791.69        0.00217
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4026730.64        0.00194
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         259196.83    4026937.09        0.00307                   259197.63
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         259198.43    4027020.59        0.00360                   259169.22
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         259214.78    4026742.51        0.00196                   259249.04
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         259213.78    4026609.86        0.00157                   259251.10
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         259288.41    4026577.09        0.00159                   259325.72
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4026443.90        0.00165
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4026941.86        0.00268
         258947.68    4026983.61        0.00274                       258948.47
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         259147.09    4026437.29        0.00127                       259185.25
4026420.53        0.00129
         259223.41    4026403.76        0.00131                       259299.72
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         259337.88    4026353.48        0.00154                       259376.04
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         258754.01    4026905.64        0.00219                       258769.00
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         258783.99    4026829.01        0.00219                       258798.98
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         258813.97    4026752.38        0.00207                       258828.96
4026714.06        0.00196
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4026637.43        0.00170
         258873.93    4026599.12        0.00158                       258888.92
4026560.80        0.00146
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 323
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                 INCLUDING SOURCE(S):     PHASE4      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4026531.52        0.00153
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4026455.15        0.00138
         258548.25    4026416.97        0.00130                        258563.19
4026378.79        0.00122
         258578.13    4026340.61        0.00114                        258593.07
4026302.43        0.00107
         258608.00    4026264.25        0.00100                        258622.94
4026226.07        0.00095
         258637.88    4026187.88        0.00091                        258671.59
4026141.46        0.00087
         258709.13    4026124.97        0.00086                        258746.66
4026108.48        0.00085
         258821.74    4026075.51        0.00084                        258859.28
4026059.02        0.00084
         258896.82    4026042.53        0.00085                        258934.36
4026026.04        0.00086
         258971.90    4026009.56        0.00089                        259009.43
4025993.07        0.00092
         258346.99    4026953.30        0.00159                        258347.79
4026995.05        0.00166
         258348.58    4027036.81        0.00175                        258154.17
4026916.97        0.00142
         258169.25    4026878.43        0.00139                        258184.33
4026839.88        0.00137
         258199.40    4026801.34        0.00136                        258214.48
4026762.80        0.00137
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 324
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                 INCLUDING SOURCE(S):     PHASE4      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
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Y-COORD (M)        CONC
 - - -
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4026260.83   0.00115
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4026183.21   0.00104
         258257.95   4026144.40   0.00098   258273.14
4026105.58   0.00092
         258288.32   4026066.77   0.00087   258303.51
4026027.96   0.00081
         258318.69   4025989.14   0.00078   258333.88
4025950.33   0.00074
         258349.06   4025911.52   0.00072   258383.33
4025864.33   0.00070
         258421.49   4025847.57   0.00069   258459.64
4025830.81   0.00068
         258497.80   4025814.05   0.00068   258535.96
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         258574.12   4025780.52   0.00067   258612.28
4025763.76   0.00067
         258650.44   4025747.00   0.00067   258688.60
4025730.24   0.00067
         258726.76   4025713.48   0.00069   258764.92
4025696.72   0.00070
         258803.07   4025679.96   0.00073   258841.23
4025663.20   0.00076
         258879.39   4025646.44   0.00079   258917.55
4025629.68   0.00082
         258955.71   4025612.92   0.00085   258993.87
4025596.16   0.00087
         259032.03   4025579.40   0.00089   259070.19
4025562.64   0.00091
         259108.35   4025545.88   0.00091   259146.50
4025529.12   0.00092

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                  INCLUDING SOURCE(S):   PHASE4   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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259337.30	4025445.32	0.00088	259375.46	4025428.56	0.00086
257947.06	4026960.93	0.00145	257947.86	4027002.69	0.00153
257948.65	4027044.44	0.00161	259440.80	4026786.83	0.00242
259379.45	4026788.79	0.00227	259436.01	4026636.90	0.00208
259432.81	4026536.95	0.00195	259426.43	4026337.06	0.00173
259420.04	4026137.16	0.00150	259379.14	4026138.47	0.00146
259413.66	4025937.26	0.00126	259372.76	4025938.57	0.00126
259407.27	4025737.36	0.00107	259366.37	4025738.67	0.00108
259400.88	4025537.46	0.00092	259359.98	4025538.77	0.00093
259359.62	4026838.10	0.00246	259400.71	4026338.79	0.00168
259330.90	4027040.02	0.00408	259334.08	4027080.58	0.00449
259338.10	4026995.92	0.00366	259305.97	4027041.98	0.00404
259309.16	4027082.54	0.00441	259338.57	4026970.92	0.00342
259282.64	4027064.21	0.00416	259285.83	4027104.77	0.00446
259320.38	4026953.78	0.00326	259259.31	4027086.45	0.00421
259219.74	4027011.60	0.00360	259233.19	4026973.40	0.00335
259206.28	4027049.81	0.00378	259209.47	4027090.37	0.00399
259176.62	4026996.42	0.00342	259156.43	4027053.73	0.00362
259159.62	4027094.29	0.00375	259113.32	4027038.54	0.00340
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259267.22	4026827.36	0.00236	259108.18		

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4026966.04        0.00308
         259103.84    4026927.84        0.00294                        259117.29
4026889.63        0.00274
         259130.75    4026851.43        0.00251                        259156.15
4026824.47        0.00236
         259212.16    4026800.92        0.00222                        259268.17
4026777.37        0.00211
         259058.33    4027081.84        0.00324                        259061.52
4027122.40        0.00331
         258963.78    4027050.29        0.00283                        258977.23
4027012.08        0.00286
         258990.69    4026973.88        0.00286                        259004.15
4026935.67        0.00280
         259031.06    4026859.26        0.00252                        259044.51
4026821.05        0.00235
         259057.97    4026782.85        0.00216                        259083.37
4026755.89        0.00203
         259176.72    4026716.64        0.00186                        259214.06
4026700.94        0.00181
         258958.64    4027089.67        0.00284                        258961.83
4027130.23        0.00291
         258884.27    4027000.81        0.00256                        258897.72
4026962.61        0.00258
         258911.18    4026924.40        0.00257                        258924.64
4026886.19        0.00253
         258938.09    4026847.99        0.00244                        258951.55
4026809.78        0.00230
         258965.01    4026771.58        0.00215                        258978.46
4026733.37        0.00199
         259010.59    4026687.32        0.00179                        259066.60
4026663.76        0.00168
         259103.94    4026648.06        0.00163                        259141.27
4026632.36        0.00159
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 326
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                 INCLUDING SOURCE(S):     PHASE4      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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258791.30	4026989.54	0.00228	258804.76	4026951.34	0.00233
258818.22	4026913.13	0.00235	258831.67	4026874.92	0.00233
258845.13	4026836.72	0.00230	258858.59	4026798.51	0.00222
258872.04	4026760.31	0.00211	258885.50	4026722.10	0.00199
258898.95	4026683.90	0.00185	258912.41	4026645.69	0.00171
258937.81	4026618.74	0.00161	259012.49	4026587.33	0.00148
259049.83	4026571.63	0.00143	258759.26	4027105.34	0.00234
258762.44	4027145.90	0.00248	258684.88	4027016.48	0.00206
258698.34	4026978.27	0.00208	258711.80	4026940.07	0.00210
258725.25	4026901.86	0.00213	258738.71	4026863.65	0.00214
258752.16	4026825.45	0.00213	258765.62	4026787.24	0.00210
258779.08	4026749.04	0.00204	258792.53	4026710.83	0.00195
258805.99	4026672.63	0.00184	258819.45	4026634.42	0.00172
258832.90	4026596.21	0.00160	258865.03	4026550.16	0.00145
258939.71	4026518.75	0.00134	258977.05	4026503.05	0.00130
258657.97	4027092.89	0.00216	258661.16	4027133.45	0.00229
258465.31	4027089.45	0.00197	258485.50	4027032.14	0.00182
258498.95	4026993.94	0.00177	258512.41	4026955.73	0.00174
258525.87	4026917.52	0.00175	258539.32	4026879.32	0.00177
258552.78	4026841.11	0.00180	258566.24		

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4026802.91        0.00182
         258579.69    4026764.70        0.00184                        258593.15
4026726.50        0.00183
         258606.60    4026688.29        0.00181                        258620.06
4026650.09        0.00176
         258633.52    4026611.88        0.00169                        258646.97
4026573.67        0.00161
         258660.43    4026535.47        0.00151                        258673.89
4026497.26        0.00142
         258687.34    4026459.06        0.00132                        258719.47
4026413.00        0.00120
         258775.48    4026389.45        0.00114                        258812.82
4026373.75        0.00111
         258850.15    4026358.04        0.00108                        258924.83
4026326.64        0.00105
         258962.17    4026310.94        0.00105                        258999.51
4026295.24        0.00105
         259036.85    4026279.54        0.00105                        259074.19
4026263.84        0.00107
         259167.54    4026224.58        0.00116                        259204.87
4026208.88        0.00122
         259242.21    4026193.18        0.00129                        259279.55
4026177.48        0.00134
         259316.89    4026161.77        0.00139                        259354.23
4026146.07        0.00144
         258460.18    4027128.83        0.00209                        258463.36
4027169.39        0.00222
         258265.93    4027105.12        0.00189                        258279.38
4027066.91        0.00179
         258292.84    4027028.70        0.00170                        258306.30
4026990.50        0.00163
         258319.75    4026952.29        0.00157                        258339.94
4026894.98        0.00153
         258353.39    4026856.78        0.00152                        258366.85
4026818.57        0.00153
         258380.31    4026780.37        0.00156                        258393.76
4026742.16        0.00159
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 327
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                  INCLUDING SOURCE(S):     PHASE4      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
258407.22	4026703.96	0.00161	258420.67	4026665.75	0.00162
258434.13	4026627.54	0.00161	258447.59	4026589.34	0.00158
258461.04	4026551.13	0.00155	258474.50	4026512.93	0.00150
258487.96	4026474.72	0.00143	258501.41	4026436.52	0.00136
258514.87	4026398.31	0.00128	258528.33	4026360.11	0.00120
258541.78	4026321.90	0.00112	258573.91	4026275.84	0.00103
258629.92	4026252.29	0.00098	258667.25	4026236.59	0.00095
258704.59	4026220.89	0.00093	258779.27	4026189.48	0.00091
258816.61	4026173.78	0.00090	258853.95	4026158.08	0.00090
258891.29	4026142.38	0.00090	258928.63	4026126.68	0.00090
259021.98	4026087.42	0.00095	259059.31	4026071.72	0.00099
259096.65	4026056.02	0.00103	259133.99	4026040.32	0.00108
259171.33	4026024.62	0.00113	259208.67	4026008.92	0.00118
259246.01	4025993.21	0.00121	259283.35	4025977.51	0.00124
259320.69	4025961.81	0.00126	258260.79	4027144.50	0.00200
258263.98	4027185.06	0.00210	258066.54	4027120.78	0.00182
258080.00	4027082.57	0.00174	258093.45	4027044.37	0.00167
258106.91	4027006.16	0.00158	258120.37	4026967.96	0.00150
258133.82	4026929.75	0.00143	258147.28	4026891.55	0.00139
258160.74	4026853.34	0.00136	258174.19	4026815.14	0.00134
258187.65	4026776.93	0.00134	258201.10		

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4026738.72        0.00136
         258214.56    4026700.52        0.00138                        258228.02
4026662.31        0.00140
         258241.47    4026624.11        0.00142                        258254.93
4026585.90        0.00144
         258268.39    4026547.70        0.00144                        258281.84
4026509.49        0.00142
         258295.30    4026471.28        0.00140                        258308.76
4026433.08        0.00137
         258322.21    4026394.87        0.00132                        258335.67
4026356.67        0.00126
         258349.12    4026318.46        0.00121                        258362.58
4026280.26        0.00114
         258376.04    4026242.05        0.00107                        258389.49
4026203.84        0.00101
         258402.95    4026165.64        0.00095                        258428.35
4026138.69        0.00090
         258503.02    4026107.28        0.00085                        258540.36
4026091.58        0.00083
         258577.70    4026075.88        0.00082                        258615.04
4026060.18        0.00081
         258652.38    4026044.48        0.00080                        258689.72
4026028.77        0.00080
         258727.06    4026013.07        0.00079                        258764.40
4025997.37        0.00079
         258801.74    4025981.67        0.00079                        258876.41
4025950.27        0.00080
         258913.75    4025934.56        0.00083                        258951.09
4025918.86        0.00086
         258988.43    4025903.16        0.00090                        259025.77
4025887.46        0.00094
         259063.11    4025871.76        0.00098                        259100.45
4025856.06        0.00101
         259137.79    4025840.35        0.00105                        259175.13
4025824.65        0.00107
         259212.47    4025808.95        0.00109                        259249.80
4025793.25        0.00110
         259287.14    4025777.55        0.00110                        259324.48
4025761.85        0.00109
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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                                  PAGE 328
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                  INCLUDING SOURCE(S):     PHASE4      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
258061.41	4027160.16	0.00189	258064.59	4027200.72	0.00196
257867.16	4027136.45	0.00171	257880.61	4027098.24	0.00166
257894.07	4027060.03	0.00162	257907.53	4027021.83	0.00156
257920.98	4026983.62	0.00149	258008.45	4026735.29	0.00121
258021.90	4026697.08	0.00121	258035.36	4026658.87	0.00122
258048.82	4026620.67	0.00124	258062.27	4026582.46	0.00126
258075.73	4026544.26	0.00128	258089.19	4026506.05	0.00129
258102.64	4026467.85	0.00130	258116.10	4026429.64	0.00129
258129.55	4026391.44	0.00127	258143.01	4026353.23	0.00125
258156.47	4026315.02	0.00122	258169.92	4026276.82	0.00118
258183.38	4026238.61	0.00113	258196.84	4026200.41	0.00108
258210.29	4026162.20	0.00103	258223.75	4026124.00	0.00097
258237.20	4026085.79	0.00091	258250.66	4026047.58	0.00086
258282.79	4026001.53	0.00080	258338.79	4025977.98	0.00076
258376.13	4025962.27	0.00075	258413.47	4025946.57	0.00074
258450.81	4025930.87	0.00073	258488.15	4025915.17	0.00072
258525.49	4025899.47	0.00072	258562.83	4025883.77	0.00071
258600.17	4025868.06	0.00071	258637.51	4025852.36	0.00071
258674.85	4025836.66	0.00070	258712.18	4025820.96	0.00070
258749.52	4025805.26	0.00071	258786.86		

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4025789.56        0.00072
         258824.20    4025773.85        0.00075                       258861.54
4025758.15        0.00078
         258898.88    4025742.45        0.00081                       258936.22
4025726.75        0.00084
         258973.56    4025711.05        0.00087                       259010.90
4025695.35        0.00090
         259048.24    4025679.64        0.00093                       259085.57
4025663.94        0.00095
         259122.91    4025648.24        0.00096                       259160.25
4025632.54        0.00098
         259197.59    4025616.84        0.00098                       259234.93
4025601.14        0.00098
         259272.27    4025585.44        0.00097                       259309.61
4025569.73        0.00096
         257862.02    4027175.83        0.00178                       257865.21
4027216.39        0.00183
         259335.94    4027123.45        0.00488                       259336.28
4027147.64        0.00508
         259336.62    4027171.84        0.00527                       259336.96
4027196.03        0.00543
         259337.30    4027220.23        0.00559                       259337.64
4027244.43        0.00575
         259337.98    4027268.62        0.00591                       259310.94
4027123.80        0.00474
         259311.28    4027147.99        0.00490                       259311.62
4027172.19        0.00505
         259311.96    4027196.39        0.00520                       259312.30
4027220.58        0.00534
         259312.64    4027244.78        0.00548                       259312.98
4027268.97        0.00563
         259286.29    4027148.35        0.00472                       259286.63
4027172.54        0.00485
         259286.97    4027196.74        0.00498                       259287.31
4027220.93        0.00510
         259287.65    4027245.13        0.00523                       259287.99
4027269.32        0.00537
         259260.95    4027124.50        0.00443                       259261.29
4027148.70        0.00455
         259261.63    4027172.89        0.00466                       259261.97
4027197.09        0.00477
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                  PAGE 329
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
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VALUES FOR SOURCE GROUP: PHASE4 ***
INCLUDING SOURCE(S): PHASE4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
259262.31	4027221.28	0.00488	259262.65	4027245.48	0.00499
259262.99	4027269.68	0.00513	259210.95	4027125.20	0.00413
259211.29	4027149.40	0.00421	259211.63	4027173.59	0.00429
259211.97	4027197.79	0.00437	259212.31	4027221.99	0.00446
259212.65	4027246.18	0.00457	259212.99	4027270.38	0.00471
259160.96	4027125.91	0.00383	259161.30	4027150.10	0.00389
259161.64	4027174.30	0.00396	259161.98	4027198.49	0.00403
259162.32	4027222.69	0.00411	259162.66	4027246.88	0.00422
259163.00	4027271.08	0.00436	259111.30	4027150.80	0.00360
259111.64	4027175.00	0.00366	259111.98	4027199.20	0.00373
259112.32	4027223.39	0.00382	259112.66	4027247.59	0.00394
259113.00	4027271.78	0.00409	259061.31	4027151.51	0.00335
259061.65	4027175.70	0.00341	259061.99	4027199.90	0.00348
259062.33	4027224.09	0.00359	259062.67	4027248.29	0.00371
259063.01	4027272.49	0.00386	258961.32	4027152.91	0.00296
258961.66	4027177.11	0.00303	258962.00	4027201.30	0.00312
258962.34	4027225.50	0.00324	258962.68	4027249.69	0.00338
258963.02	4027273.89	0.00354	258861.33	4027154.32	0.00268
258861.67	4027178.51	0.00277	258862.01		

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4027202.71        0.00288
         258862.35    4027226.90        0.00301                        258862.69
4027251.10        0.00315
         258863.03    4027275.30        0.00329                        258761.68
4027179.92        0.00261
         258762.02    4027204.11        0.00272                        258762.36
4027228.31        0.00284
         258762.70    4027252.50        0.00296                        258763.04
4027276.70        0.00308
         258661.35    4027157.13        0.00238                        258661.69
4027181.32        0.00247
         258662.03    4027205.52        0.00258                        258662.37
4027229.71        0.00268
         258662.71    4027253.91        0.00280                        258663.05
4027278.11        0.00290
         258462.05    4027208.33        0.00234                        258462.39
4027232.52        0.00240
         258462.73    4027256.72        0.00248                        258463.07
4027280.92        0.00255
         258262.07    4027211.14        0.00215                        258262.41
4027235.33        0.00220
         258262.75    4027259.53        0.00224                        258263.09
4027283.73        0.00229
         258062.43    4027238.14        0.00201                        258062.77
4027262.34        0.00203
         258063.11    4027286.54        0.00204                        257862.45
4027240.95        0.00185
         257862.79    4027265.15        0.00187                        257863.13
4027289.35        0.00187
         259338.18    4027292.34        0.00610                        259338.38
4027316.19        0.00632
         259338.58    4027340.05        0.00656                        259313.18
4027292.55        0.00580
         259313.38    4027316.40        0.00602                        259313.58
4027340.26        0.00626
         259288.18    4027292.76        0.00552                        259288.38
4027316.61        0.00572
         259288.58    4027340.47        0.00597                        259263.18
4027292.96        0.00528
         259263.38    4027316.82        0.00547                        259263.58
4027340.68        0.00571
         259213.19    4027293.38        0.00487                        259213.39
4027317.24        0.00506
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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                                  PAGE 330
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE4 ***

INCLUDING SOURCE(S): PHASE4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
259213.59	4027341.10	0.00528	259163.19	4027293.80	0.00453
259163.39	4027317.66	0.00473	259163.59	4027341.52	0.00495
259113.19	4027294.22	0.00425	259113.39	4027318.08	0.00443
259113.59	4027341.94	0.00463	259063.39	4027318.50	0.00419
259063.59	4027342.35	0.00438	258963.39	4027319.34	0.00381
258963.59	4027343.19	0.00395	258863.40	4027320.17	0.00352
258863.60	4027344.03	0.00362	258763.40	4027321.01	0.00326
258763.60	4027344.87	0.00333	258663.40	4027321.85	0.00303
258663.60	4027345.71	0.00308	258463.41	4027323.53	0.00264
258463.61	4027347.38	0.00266	258263.42	4027325.20	0.00235
258263.62	4027349.06	0.00234	258063.43	4027326.88	0.00204
258063.63	4027350.74	0.00203	257863.43	4027328.56	0.00184
257863.63	4027352.41	0.00183	259339.22	4027365.21	0.00684
259339.86	4027389.95	0.00714	259340.50	4027414.68	0.00744
259341.13	4027439.41	0.00774	259341.77	4027464.14	0.00801
259342.40	4027488.87	0.00824	259343.04	4027513.60	0.00843
259343.68	4027538.33	0.00862	259344.31	4027563.06	0.00877
259344.95	4027587.80	0.00889	259345.58		

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4027612.53        0.00900
         259346.22    4027637.26        0.00914                      259346.86
4027661.99        0.00934
         259347.49    4027686.72        0.00958                      259348.13
4027711.45        0.00973
         259314.23    4027365.86        0.00653                      259314.87
4027390.59        0.00682
         259315.50    4027415.32        0.00710                      259316.14
4027440.05        0.00737
         259316.78    4027464.78        0.00761                      259317.41
4027489.51        0.00782
         259318.05    4027514.24        0.00797                      259318.68
4027538.98        0.00811
         259319.32    4027563.71        0.00824                      259319.96
4027588.44        0.00837
         259320.59    4027613.17        0.00850                      259321.23
4027637.90        0.00862
         259321.86    4027662.63        0.00879                      259322.50
4027687.36        0.00902
         259323.14    4027712.10        0.00918                      259289.24
4027366.50        0.00626
         259289.88    4027391.23        0.00653                      259290.51
4027415.96        0.00679
         259291.15    4027440.69        0.00702                      259291.78
4027465.42        0.00724
         259292.42    4027490.16        0.00742                      259293.06
4027514.89        0.00753
         259293.69    4027539.62        0.00764                      259294.33
4027564.35        0.00779
         259294.96    4027589.08        0.00790                      259295.60
4027613.81        0.00802
         259296.24    4027638.54        0.00813                      259296.87
4027663.28        0.00828
         259297.51    4027688.01        0.00848                      259298.14
4027712.74        0.00867
         259264.25    4027367.14        0.00599                      259264.89
4027391.87        0.00625
         259265.52    4027416.60        0.00649                      259266.16
4027441.34        0.00669
         259266.79    4027466.07        0.00689                      259267.43
4027490.80        0.00706
         259268.07    4027515.53        0.00715                      259268.70
4027540.26        0.00723
         259269.34    4027564.99        0.00734                      259269.97
4027589.72        0.00744
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE4 ***
INCLUDING SOURCE(S): PHASE4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
259270.61	4027614.46	0.00755	259271.25	4027639.19	0.00768
259271.88	4027663.92	0.00783	259272.52	4027688.65	0.00801
259273.15	4027713.38	0.00818	259214.27	4027368.43	0.00555
259214.90	4027393.16	0.00577	259215.54	4027417.89	0.00596
259216.17	4027442.62	0.00612	259216.81	4027467.35	0.00628
259217.45	4027492.08	0.00642	259218.08	4027516.82	0.00651
259218.72	4027541.55	0.00653	259219.35	4027566.28	0.00656
259219.99	4027591.01	0.00662	259220.63	4027615.74	0.00674
259221.26	4027640.47	0.00688	259221.90	4027665.20	0.00703
259222.53	4027689.93	0.00719	259223.17	4027714.67	0.00735
259164.28	4027369.71	0.00520	259164.92	4027394.44	0.00539
259165.55	4027419.18	0.00556	259166.19	4027443.91	0.00571
259166.83	4027468.64	0.00581	259167.46	4027493.37	0.00588
259168.10	4027518.10	0.00589	259168.73	4027542.83	0.00592
259169.37	4027567.56	0.00597	259170.01	4027592.29	0.00602
259170.64	4027617.03	0.00613	259171.28	4027641.76	0.00627
259171.91	4027666.49	0.00642	259172.55		

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4027691.22        0.00656
         259173.19    4027715.95        0.00669                        259114.30
4027371.00        0.00487
         259114.93    4027395.73        0.00505                        259115.57
4027420.46        0.00517
         259116.21    4027445.19        0.00526                        259116.84
4027469.92        0.00534
         259117.48    4027494.65        0.00538                        259118.11
4027519.39        0.00542
         259118.75    4027544.12        0.00548                        259119.39
4027568.85        0.00554
         259120.02    4027593.58        0.00558                        259120.66
4027618.31        0.00566
         259121.29    4027643.04        0.00578                        259121.93
4027667.77        0.00591
         259122.57    4027692.51        0.00603                        259123.20
4027717.24        0.00613
         259064.32    4027372.28        0.00459                        259064.95
4027397.02        0.00475
         259065.59    4027421.75        0.00483                        259066.22
4027446.48        0.00489
         259066.86    4027471.21        0.00495                        259067.50
4027495.94        0.00502
         259068.13    4027520.67        0.00503                        259068.77
4027545.40        0.00506
         259069.40    4027570.13        0.00510                        259070.04
4027594.87        0.00515
         259070.68    4027619.60        0.00523                        259071.31
4027644.33        0.00534
         259071.95    4027669.06        0.00546                        259072.58
4027693.79        0.00556
         259073.22    4027718.52        0.00566                        258964.35
4027374.85        0.00411
         258964.98    4027399.59        0.00419                        258965.62
4027424.32        0.00427
         258966.26    4027449.05        0.00434                        258966.89
4027473.78        0.00433
         258967.53    4027498.51        0.00433                        258968.16
4027523.24        0.00434
         258968.80    4027547.97        0.00436                        258969.44
4027572.71        0.00439
         258970.07    4027597.44        0.00443                        258970.71
4027622.17        0.00449
         258971.34    4027646.90        0.00458                        258971.98
4027671.63        0.00470
         258972.62    4027696.36        0.00482                        258973.25
4027721.09        0.00491
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE4 ***
INCLUDING SOURCE(S): PHASE4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
258864.38	4027377.43	0.00372	258865.02	4027402.16	0.00377
258865.65	4027426.89	0.00381	258866.29	4027451.62	0.00383
258866.93	4027476.35	0.00382	258867.56	4027501.08	0.00382
258868.20	4027525.81	0.00380	258868.83	4027550.54	0.00381
258869.47	4027575.28	0.00385	258870.11	4027600.01	0.00389
258870.74	4027624.74	0.00396	258871.38	4027649.47	0.00404
258872.01	4027674.20	0.00413	258872.65	4027698.93	0.00423
258873.29	4027723.66	0.00431	258764.41	4027380.00	0.00342
258765.05	4027404.73	0.00345	258765.69	4027429.46	0.00346
258766.32	4027454.19	0.00346	258766.96	4027478.92	0.00343
258767.59	4027503.65	0.00340	258768.23	4027528.38	0.00338
258768.87	4027553.12	0.00339	258769.50	4027577.85	0.00341
258770.14	4027602.58	0.00346	258770.77	4027627.31	0.00352
258771.41	4027652.04	0.00359	258772.05	4027676.77	0.00369
258772.68	4027701.50	0.00376	258773.32	4027726.23	0.00383
258664.45	4027382.57	0.00313	258665.08		

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4027407.30        0.00313
         258665.72    4027432.03        0.00312                    258666.36
4027456.76        0.00310
         258666.99    4027481.49        0.00308                    258667.63
4027506.22        0.00306
         258668.26    4027530.95        0.00305                    258668.90
4027555.69        0.00303
         258669.54    4027580.42        0.00304                    258670.17
4027605.15        0.00309
         258670.81    4027629.88        0.00317                    258671.44
4027654.61        0.00323
         258672.08    4027679.34        0.00331                    258672.72
4027704.07        0.00340
         258673.35    4027728.81        0.00348                    258464.51
4027387.71        0.00266
         258465.15    4027412.44        0.00265                    258465.79
4027437.17        0.00261
         258466.42    4027461.90        0.00257                    258467.06
4027486.63        0.00254
         258467.69    4027511.37        0.00252                    258468.33
4027536.10        0.00250
         258468.97    4027560.83        0.00250                    258469.60
4027585.56        0.00252
         258470.24    4027610.29        0.00257                    258470.87
4027635.02        0.00263
         258471.51    4027659.75        0.00269                    258472.15
4027684.48        0.00277
         258472.78    4027709.22        0.00284                    258473.42
4027733.95        0.00290
         258264.58    4027392.85        0.00232                    258265.22
4027417.58        0.00227
         258265.85    4027442.31        0.00222                    258266.49
4027467.04        0.00218
         258267.12    4027491.78        0.00215                    258267.76
4027516.51        0.00212
         258268.40    4027541.24        0.00211                    258269.03
4027565.97        0.00211
         258269.67    4027590.70        0.00214                    258270.30
4027615.43        0.00219
         258270.94    4027640.16        0.00224                    258271.58
4027664.89        0.00230
         258272.21    4027689.63        0.00237                    258272.85
4027714.36        0.00243
         258273.48    4027739.09        0.00248                    258064.01
4027373.26        0.00201
         258064.65    4027397.99        0.00199                    258065.28
4027422.72        0.00196
         258065.92    4027447.45        0.00193                    258066.55
4027472.19        0.00190
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                  INCLUDING SOURCE(S):   PHASE4   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         258067.19   4027496.92   0.00188   258067.83
4027521.65   0.00186
         258068.46   4027546.38   0.00185   258069.10
4027571.11   0.00185
         258069.73   4027595.84   0.00187   258070.37
4027620.57   0.00190
         258071.01   4027645.30   0.00195   258071.64
4027670.04   0.00201
         258072.28   4027694.77   0.00208   258072.91
4027719.50   0.00214
         258073.55   4027744.23   0.00219   257864.08
4027378.40   0.00180
         257864.71   4027403.13   0.00177   257865.35
4027427.86   0.00174
         257865.98   4027452.60   0.00170   257866.62
4027477.33   0.00167
         257867.26   4027502.06   0.00164   257867.89
4027526.79   0.00164
         257868.53   4027551.52   0.00164   257869.16
4027576.25   0.00164
         257869.80   4027600.98   0.00166   257870.44
4027625.72   0.00170
         257871.07   4027650.45   0.00174   257871.71
4027675.18   0.00178
         257872.34   4027699.91   0.00184   257872.98
4027724.64   0.00189
         257873.62   4027749.37   0.00195   259373.56
4027735.81   0.01045
         259396.16   4027735.41   0.01107   259418.75

4027735.01 0.01176
259441.35 4027734.61 0.01256 259463.95
4027734.22 0.01341
259486.54 4027733.82 0.01434 259509.14
4027733.42 0.01540
259531.74 4027733.02 0.01664 259554.33
4027732.62 0.01810
259576.93 4027732.23 0.01972 259356.27
4027753.86 0.01004
259396.60 4027760.40 0.01110 259419.19
4027760.01 0.01178
259441.79 4027759.61 0.01254 259464.39
4027759.21 0.01338
259486.98 4027758.81 0.01429 259509.58
4027758.42 0.01532
259532.18 4027758.02 0.01652 259554.77
4027757.62 0.01792
259577.37 4027757.22 0.01947 259356.71
4027778.86 0.01002
259313.55 4027747.57 0.00909 259397.04
4027785.40 0.01104
259419.63 4027785.00 0.01170 259442.23
4027784.61 0.01243
259464.83 4027784.21 0.01324 259487.42
4027783.81 0.01412
259510.02 4027783.41 0.01510 259532.62
4027783.01 0.01624
259555.21 4027782.62 0.01756 259577.81
4027782.22 0.01903
259357.15 4027803.85 0.00994 259321.69
4027789.98 0.00923
259296.26 4027765.62 0.00876 259397.48
4027810.40 0.01091
259420.07 4027810.00 0.01155 259442.67
4027809.60 0.01225
259465.27 4027809.20 0.01302 259487.86
4027808.81 0.01386
259510.46 4027808.41 0.01478 259533.06
4027808.01 0.01583
259555.65 4027807.61 0.01705 259578.25
4027807.21 0.01845
259358.03 4027853.85 0.00967 259322.57
4027839.97 0.00905
259287.11 4027826.09 0.00845 259261.67
4027801.73 0.00810
259246.27 4027766.91 0.00790 259398.36
4027860.39 0.01054
259420.95 4027859.99 0.01111 259443.55
4027859.59 0.01174
259466.15 4027859.20 0.01242 259488.74

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE4   ***
                                   INCLUDING SOURCE(S):   PHASE4   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                            ** CONC OF OTHER   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

4027960.37 0.00946
259422.71 4027959.98 0.00991 259445.31
4027959.58 0.01041
259467.91 4027959.18 0.01095 259490.50
4027958.78 0.01156
259513.10 4027958.38 0.01226 259535.70
4027957.99 0.01305
259558.29 4027957.59 0.01395 259580.89
4027957.19 0.01497
259359.06 4028003.19 0.00833 259320.37
4027988.05 0.00793
259281.69 4027972.91 0.00757 259243.00
4027957.77 0.00719
259204.32 4027942.63 0.00682 259157.23
4027908.49 0.00647
259140.43 4027870.50 0.00639 259123.63
4027832.50 0.00628
259106.82 4027794.51 0.00617 259090.02
4027756.52 0.00593
259401.00 4028010.37 0.00892 259423.59
4028009.97 0.00932
259446.19 4028009.57 0.00979 259468.79
4028009.17 0.01032
259491.38 4028008.77 0.01092 259513.98
4028008.38 0.01159
259536.58 4028007.98 0.01238 259559.17
4028007.58 0.01322
259581.77 4028007.18 0.01413 259359.90
4028102.82 0.00748
259319.37 4028086.95 0.00707 259278.84
4028071.09 0.00680
259238.31 4028055.23 0.00654 259197.79
4028039.37 0.00627
259157.26 4028023.50 0.00602 259116.73
4028007.64 0.00574
259087.67 4027979.81 0.00562 259070.06
4027940.01 0.00562
259052.46 4027900.20 0.00557 259034.86
4027860.40 0.00549
259017.26 4027820.60 0.00537 258999.66
4027780.80 0.00521
259402.76 4028110.35 0.00811 259425.35
4028109.95 0.00854
259447.95 4028109.55 0.00902 259470.55
4028109.16 0.00954
259493.14 4028108.76 0.01011 259515.74
4028108.36 0.01069
259538.34 4028107.96 0.01128 259560.93
4028107.57 0.01186
259583.53 4028107.17 0.01239 259361.06

         259235.90   4028153.58   0.00585   259194.18
4028137.25   0.00565
         259152.46   4028120.92   0.00549   259110.74
4028104.59   0.00533
         259069.02   4028088.27   0.00514   259018.25
4028051.45   0.00495
         259000.13   4028010.48   0.00496   258982.01
4027969.50   0.00495
         258963.89   4027928.53   0.00492   258945.77
4027887.56   0.00482
         258927.65   4027846.58   0.00473   258909.53
4027805.61   0.00462
         258891.41   4027764.64   0.00449   259404.52
4028210.33   0.00777
         259427.11   4028209.94   0.00815   259449.71
4028209.54   0.00853
         259472.31   4028209.14   0.00888   259494.90
4028208.74   0.00919
         259517.50   4028208.35   0.00946   259540.10
4028207.95   0.00972
         259562.69   4028207.55   0.00992   259585.29
4028207.15   0.01006
         259363.42   4028302.79   0.00687   259322.89
4028286.92   0.00642
         259282.36   4028271.06   0.00592   259241.83

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4028255.20        0.00550
         259201.31    4028239.34        0.00520                   259160.78
4028223.47        0.00502
         259120.25    4028207.61        0.00489                   259079.72
4028191.75        0.00478
         259039.20    4028175.89        0.00467                   258998.67
4028160.02        0.00453
         258949.34    4028124.26        0.00440                   258931.74
4028084.46        0.00441
         258914.14    4028044.66        0.00442                   258896.53
4028004.85        0.00443
         258878.93    4027965.05        0.00439                   258861.33
4027925.25        0.00434
         258843.73    4027885.45        0.00430                   258826.13
4027845.64        0.00422
         258808.52    4027805.84        0.00414                   258790.92
4027766.04        0.00399
         259406.28    4028310.32        0.00725                   259428.87
4028309.92        0.00744
         259451.47    4028309.52        0.00759                   259474.07
4028309.13        0.00771
         259496.66    4028308.73        0.00781                   259519.26
4028308.33        0.00788
         259541.86    4028307.93        0.00794                   259564.45
4028307.53        0.00800
         259587.05    4028307.14        0.00810                   259364.75
4028402.61        0.00627
         259323.38    4028386.41        0.00615                   259282.01
4028370.22        0.00584
         259240.64    4028354.03        0.00543                   259199.27
4028337.83        0.00502
         259157.90    4028321.64        0.00468                   259116.52
4028305.45        0.00447
         259075.15    4028289.26        0.00433                   259033.78
4028273.06        0.00424
         258992.41    4028256.87        0.00416                   258951.04
4028240.68        0.00409
         258909.67    4028224.48        0.00400                   258880.00
4028196.07        0.00395
         258862.03    4028155.44        0.00397                   258844.06
4028114.81        0.00399
         258826.09    4028074.18        0.00400                   258808.12
4028033.54        0.00398
         258790.15    4027992.91        0.00397                   258772.18
4027952.28        0.00393
         258754.21    4027911.65        0.00386                   258736.24
4027871.02        0.00381
         258718.27    4027830.39        0.00373                   258700.30
4027789.75        0.00365
         259408.04    4028410.30        0.00628                   259430.63
```

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                  INCLUDING SOURCE(S):   PHASE4   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

```
4028138.39        0.00334
         258634.39    4028097.95        0.00334                   258616.51
4028057.50        0.00332
         258598.62    4028017.06        0.00331                   258580.73
4027976.61        0.00328
         258562.85    4027936.17        0.00323                   258544.96
4027895.73        0.00319
         258527.08    4027855.28        0.00314                   258509.19
4027814.84        0.00308
         258491.30    4027774.39        0.00300                   259411.56
4028610.27        0.00450
         259434.15    4028609.88        0.00459                   259456.75
4028609.48        0.00470
         259479.35    4028609.08        0.00486                   259501.94
4028608.68        0.00503
         259524.54    4028608.28        0.00522                   259547.14
4028607.89        0.00541
         259569.73    4028607.49        0.00560                   259592.33
4028607.09        0.00578
         259371.95    4028802.60        0.00369                   259330.89
4028786.53        0.00355
         259289.83    4028770.46        0.00352                   259248.77
4028754.39        0.00361
         259207.71    4028738.32        0.00377                   259166.65
4028722.25        0.00393
         259125.59    4028706.18        0.00403                   259084.53
4028690.11        0.00404
         259043.47    4028674.04        0.00393                   259002.40
4028657.96        0.00375
         258961.34    4028641.89        0.00353                   258920.28
4028625.82        0.00330
         258879.22    4028609.75        0.00310                   258838.16
4028593.68        0.00295
         258797.10    4028577.61        0.00285                   258756.04
4028561.54        0.00280
         258714.98    4028545.47        0.00278                   258673.92
4028529.39        0.00278
         258632.86    4028513.32        0.00278                   258603.41
4028485.13        0.00279
         258585.58    4028444.80        0.00281                   258567.74
4028404.47        0.00283
         258549.91    4028364.15        0.00283                   258532.08
4028323.82        0.00284
         258514.24    4028283.49        0.00286                   258496.41
4028243.17        0.00287
         258478.57    4028202.84        0.00287                   258460.74
4028162.51        0.00286
         258442.91    4028122.19        0.00286                   258425.07
4028081.86        0.00284
         258407.24    4028041.54        0.00282                   258389.40
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                  INCLUDING SOURCE(S):   PHASE4   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

4028871.18 0.00334
259018.82 4028862.98 0.00339 258997.87
4028854.78 0.00343
258976.91 4028846.58 0.00344 258935.00
4028830.17 0.00340
258914.05 4028821.97 0.00335 258893.09
4028813.77 0.00329
258872.14 4028805.57 0.00321 258851.18
4028797.37 0.00313
258809.27 4028780.96 0.00294 258788.32
4028772.76 0.00285
258767.37 4028764.56 0.00276 258746.41
4028756.36 0.00268
258704.50 4028739.96 0.00254 258683.55
4028731.75 0.00249
258662.59 4028723.55 0.00244 258641.64
4028715.35 0.00241
258599.73 4028698.95 0.00237 258578.77
4028690.75 0.00236
258557.82 4028682.55 0.00236 258536.87
4028674.34 0.00235
258494.96 4028657.94 0.00237 258464.90
4028629.16 0.00240
258455.80 4028608.58 0.00242 258437.60
4028567.42 0.00246
258428.50 4028546.84 0.00247 258410.29
4028505.68 0.00248
258401.19 4028485.10 0.00248 258382.99
4028443.94 0.00249
258373.89 4028423.36 0.00249 258355.69
4028382.20 0.00250
258346.59 4028361.62 0.00250 258328.38
4028320.46 0.00251
258310.18 4028279.30 0.00251 258291.98
4028238.14 0.00251
258282.88 4028217.56 0.00252 258264.67
4028176.40 0.00251
258255.57 4028155.83 0.00251 258237.37
4028114.67 0.00250
258228.27 4028094.09 0.00248 258210.07
4028052.93 0.00245
258200.97 4028032.35 0.00244 258182.76
4027991.19 0.00241
258173.66 4027970.61 0.00239 258155.46
4027929.45 0.00237
258146.36 4027908.87 0.00237 258128.16
4027867.71 0.00236
258109.95 4027826.55 0.00233 258091.75
4027785.39 0.00227
259418.60 4029010.21 0.00360 259441.19

4029009.81   0.00366
         259463.79   4029009.42   0.00372   259486.39
4029009.02   0.00377
         259508.98   4029008.62   0.00379   259531.58
4029008.22   0.00380
         259554.18   4029007.82   0.00380   259576.77
4029007.43   0.00380
         259599.37   4029007.03   0.00381   259378.66
4029202.41   0.00315

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                   INCLUDING SOURCE(S):   PHASE4   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         259336.94   4029186.08   0.00309   259295.22
4029169.76   0.00298
         259253.50   4029153.43   0.00283   259211.78
4029137.10   0.00269
         259170.06   4029120.77   0.00256   259128.34
4029104.44   0.00248
         259086.63   4029088.11   0.00247   259044.91
4029071.78   0.00252
         259003.19   4029055.45   0.00263   258961.47
4029039.12   0.00276
         258919.75   4029022.79   0.00289   258878.03
4029006.47   0.00298
         258836.31   4028990.14   0.00299   258794.59
4028973.81   0.00294
         258752.87   4028957.48   0.00284   258711.15
4028941.15   0.00271
         258669.43   4028924.82   0.00256   258627.71
4028908.49   0.00241
         258585.99   4028892.16   0.00228   258544.27

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4028875.83        0.00218
         258502.55    4028859.51        0.00211                  258460.83
4028843.18        0.00208
         258419.12    4028826.85        0.00205                  258377.40
4028810.52        0.00205
         258326.62    4028773.70        0.00209                  258308.50
4028732.73        0.00215
         258290.38    4028691.76        0.00218                  258272.26
4028650.78        0.00220
         258254.14    4028609.81        0.00222                  258236.02
4028568.84        0.00221
         258217.90    4028527.86        0.00221                  258199.78
4028486.89        0.00221
         258181.66    4028445.92        0.00221                  258163.54
4028404.94        0.00222
         258145.42    4028363.97        0.00223                  258127.30
4028323.00        0.00224
         258109.18    4028282.02        0.00224                  258091.06
4028241.05        0.00223
         258072.94    4028200.08        0.00223                  258054.82
4028159.10        0.00222
         258036.70    4028118.13        0.00220                  258018.58
4028077.16        0.00218
         258000.46    4028036.18        0.00214                  257982.34
4027995.21        0.00211
         257964.22    4027954.24        0.00211                  257946.10
4027913.26        0.00210
         257927.98    4027872.29        0.00210                  257909.86
4027831.32        0.00208
         257891.74    4027790.35        0.00203                  259422.12
4029210.18        0.00317
         259444.71    4029209.78        0.00317                  259467.31
4029209.38        0.00317
         259489.91    4029208.99        0.00317                  259512.50
4029208.59        0.00317
         259535.10    4029208.19        0.00316                  259557.70
4029207.79        0.00317
         259580.29    4029207.40        0.00318                  259602.89
4029207.00        0.00318
         259621.33    4027730.68        0.02361                  259665.29
4027729.15        0.02880
         259709.26    4027727.61        0.03605                  259600.22
4027756.43        0.02125
         259644.18    4027754.90        0.02547                  259688.15
4027753.36        0.03116
         259732.11    4027751.83        0.03934                  259601.09
4027781.42        0.02074
         259645.05    4027779.88        0.02469                  259689.02
4027778.35        0.02999
         259732.99    4027776.81        0.03762                  259601.96
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4028306.10        0.00830
         259663.36    4028304.56        0.00888                    259707.33
4028303.03        0.00968
         259751.30    4028301.49        0.01053                    259622.89
4028406.04        0.00732
         259666.85    4028404.50        0.00790                    259710.82
4028402.97        0.00845
         259754.78    4028401.43        0.00887                    259629.86
4028605.92        0.00602
         259673.83    4028604.38        0.00621                    259717.79
4028602.85        0.00631
         259761.76    4028601.31        0.00634                    259636.84
4028805.79        0.00477
         259680.80    4028804.26        0.00478                    259724.77
4028802.73        0.00479
         259768.73    4028801.19        0.00478                    259643.81
4029005.67        0.00382
         259687.78    4029004.14        0.00383                    259731.74
4029002.60        0.00383
         259775.71    4029001.07        0.00379                    259628.80
4029206.32        0.00320
         259672.77    4029204.78        0.00320                    259716.74
4029203.25        0.00319
         259760.70    4029201.71        0.00315                    259755.00
4027725.55        0.04721
         259778.26    4027724.27        0.05521                    259801.52
4027722.99        0.06548
         259824.78    4027721.71        0.07877                    259848.04
4027720.44        0.09630
         259871.30    4027719.16        0.12021                    259894.56
4027717.88        0.15430
         259756.37    4027750.51        0.04544                    259779.63
4027749.23        0.05275
         259802.89    4027747.95        0.06191                    259826.15
4027746.68        0.07350
         259849.41    4027745.40        0.08832                    259872.67
4027744.12        0.10779
         259895.93    4027742.84        0.13401                    259757.74
4027775.47        0.04334
         259781.00    4027774.19        0.04990                    259804.26
4027772.92        0.05786
         259827.52    4027771.64        0.06764                    259850.78
4027770.36        0.07984
         259874.04    4027769.08        0.09539                    259897.30
4027767.81        0.11521
         259759.11    4027800.43        0.04103                    259782.37
4027799.16        0.04682
         259805.63    4027797.88        0.05371                    259828.89
4027796.60        0.06195
         259852.15    4027795.32        0.07201                    259875.41
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4027794.05        0.08421
         259898.67    4027792.77        0.09883                       259761.85
4027850.36        0.03630
         259785.11    4027849.08        0.04064                       259808.37
4027847.80        0.04561
         259831.63    4027846.53        0.05129                       259854.89
4027845.25        0.05783
         259878.15    4027843.97        0.06523                       259901.41
4027842.69        0.07335
         259764.59    4027900.28        0.03170                       259787.85
4027899.00        0.03477
         259811.11    4027897.73        0.03820                       259834.37
4027896.45        0.04209
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 340
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                  INCLUDING SOURCE(S):     PHASE4      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         259857.63    4027895.17        0.04641                       259880.89
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         259904.15    4027892.62        0.05549                       259767.34
4027950.21        0.02751
         259790.60    4027948.93        0.02965                       259813.86
4027947.65        0.03197
         259837.12    4027946.38        0.03454                       259860.38
4027945.10        0.03739
         259883.64    4027943.82        0.04028                       259906.90
4027942.54        0.04283
         259770.08    4028000.13        0.02369                       259793.34
4027998.85        0.02530
         259816.60    4027997.58        0.02703                       259839.86
4027996.30        0.02883
         259863.12    4027995.02        0.03062                       259886.38
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4028099.98        0.01778
         259798.82    4028098.70        0.01874                    259822.08
4028097.43        0.01968
         259845.34    4028096.15        0.02057                    259868.60
4028094.87        0.02136
         259891.86    4028093.60        0.02198                    259915.12
4028092.32        0.02240
         259781.04    4028199.83        0.01353                    259804.30
4028198.55        0.01401
         259827.56    4028197.28        0.01449                    259850.82
4028196.00        0.01491
         259874.08    4028194.72        0.01520                    259897.34
4028193.45        0.01534
         259920.60    4028192.17        0.01528                    259786.52
4028299.68        0.01106
         259809.78    4028298.40        0.01133                    259833.04
4028297.13        0.01149
         259856.30    4028295.85        0.01153                    259879.56
4028294.57        0.01150
         259902.82    4028293.29        0.01142                    259926.08
4028292.02        0.01125
         259792.01    4028399.53        0.00907                    259815.27
4028398.25        0.00909
         259838.53    4028396.98        0.00904                    259861.79
4028395.70        0.00894
         259885.05    4028394.42        0.00883                    259908.31
4028393.14        0.00873
         259931.57    4028391.87        0.00862                    259802.97
4028599.23        0.00635
         259826.23    4028597.95        0.00632                    259849.49
4028596.67        0.00625
         259872.75    4028595.40        0.00619                    259896.01
4028594.12        0.00612
         259919.27    4028592.84        0.00605                    259942.53
4028591.57        0.00598
         259813.94    4028798.93        0.00473                    259837.20
4028797.65        0.00469
         259860.46    4028796.37        0.00463                    259883.72
4028795.10        0.00458
         259906.98    4028793.82        0.00450                    259930.24
4028792.54        0.00443
         259953.50    4028791.27        0.00438                    259801.64
4028999.90        0.00374
         259824.90    4028998.63        0.00368                    259848.16
4028997.35        0.00363
         259871.42    4028996.07        0.00358                    259894.68
4028994.80        0.00354
         259917.94    4028993.52        0.00351                    259941.20
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4028992.24        0.00347
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4029200.28        0.00309
         259835.87    4029198.33        0.00302                       259859.13
4029197.05        0.00298
         259882.39    4029195.77        0.00294                       259905.65
4029194.50        0.00291
         259928.91    4029193.22        0.00287                       259952.17
4029191.94        0.00284
         259975.43    4029190.66        0.00283                       259939.86
4027716.72        0.27675
         259962.87    4027716.12        0.38642                       259985.88
4027715.52        0.47929
         260008.89    4027714.93        0.53506                       260031.90
4027714.33        0.55733
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 341
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                  INCLUDING SOURCE(S):     PHASE4      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         260054.91    4027713.73        0.54318                       260077.92
4027713.14        0.51657
         260100.94    4027712.54        0.48490                       260123.95
4027711.94        0.43161
         260146.96    4027711.35        0.35484                       260169.97
4027710.75        0.24665
         259940.51    4027741.71        0.21008                       259963.52
4027741.11        0.26012
         259986.53    4027740.52        0.30085                       260009.54
4027739.92        0.32498
         260032.55    4027739.32        0.33624                       260055.56
4027738.73        0.33455
         260078.57    4027738.13        0.31891                       260101.58
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4027737.53        0.29551
         260124.59    4027736.94        0.25966                   260147.61
4027736.34        0.21416
         260170.62    4027735.74        0.16160                   259941.16
4027766.70        0.16232
         259964.17    4027766.10        0.18947                   259987.18
4027765.51        0.21111
         260010.19    4027764.91        0.22373                   260033.20
4027764.31        0.22825
         260056.21    4027763.72        0.22537                   260079.22
4027763.12        0.21568
         260102.23    4027762.52        0.19889                   260125.24
4027761.93        0.17450
         260148.25    4027761.33        0.14681                   260171.26
4027760.73        0.11790
         259941.80    4027791.69        0.12955                   259964.81
4027791.10        0.14503
         259987.83    4027790.50        0.15730                   260010.84
4027789.90        0.16452
         260033.85    4027789.31        0.16618                   260056.86
4027788.71        0.16271
         260079.87    4027788.11        0.15474                   260102.88
4027787.52        0.14270
         260125.89    4027786.92        0.12694                   260148.90
4027786.32        0.10907
         260171.91    4027785.73        0.09115                   259943.10
4027841.68        0.08697
         259966.11    4027841.08        0.09310                   259989.12
4027840.48        0.09764
         260012.13    4027839.89        0.09989                   260035.14
4027839.29        0.09950
         260058.15    4027838.69        0.09656                   260081.16
4027838.10        0.09145
         260104.18    4027837.50        0.08463                   260127.19
4027836.90        0.07672
         260150.20    4027836.31        0.06810                   260173.21
4027835.71        0.05912
         259944.40    4027891.66        0.06182                   259967.41
4027891.06        0.06445
         259990.42    4027890.47        0.06622                   260013.43
4027889.87        0.06684
         260036.44    4027889.27        0.06603                   260059.45
4027888.68        0.06381
         260082.46    4027888.08        0.06043                   260105.47
4027887.48        0.05635
         260128.48    4027886.89        0.05191                   260151.49
4027886.29        0.04731
         260174.50    4027885.69        0.04258                   259945.69
4027941.64        0.04590
         259968.70    4027941.05        0.04711                   259991.71
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4027940.45   0.04776
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4027939.26   0.04688
         260060.75   4027938.66   0.04527   260083.76
4027938.06   0.04305
         260106.77   4027937.47   0.04046   260129.78
4027936.87   0.03770
         260152.79   4027936.27   0.03486   260175.80
4027935.68   0.03191
         259946.99   4027991.63   0.03530   259970.00
4027991.03   0.03581
         259993.01   4027990.43   0.03594   260016.02
4027989.84   0.03564
         260039.03   4027989.24   0.03491   260062.04
4027988.64   0.03379
         260085.05   4027988.05   0.03235   260108.06
4027987.45   0.03066

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                   INCLUDING SOURCE(S):   PHASE4   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         260131.07   4027986.85   0.02884   260154.09
4027986.26   0.02691
         260177.10   4027985.66   0.02491   259949.58
4028091.59   0.02258
         259972.59   4028091.00   0.02251   259995.60
4028090.40   0.02232
         260018.61   4028089.80   0.02196   260041.62
4028089.21   0.02157
         260064.63   4028088.61   0.02103   260087.65
4028088.01   0.02038
         260110.66   4028087.42   0.01960   260133.67

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4028086.82        0.01870
         260156.68    4028086.22        0.01770                    260179.69
4028085.63        0.01663
         259952.17    4028191.56        0.01515                    259975.18
4028190.96        0.01522
         259998.19    4028190.37        0.01524                    260021.20
4028189.77        0.01503
         260044.22    4028189.17        0.01474                    260067.23
4028188.58        0.01447
         260090.24    4028187.98        0.01419                    260113.25
4028187.38        0.01382
         260136.26    4028186.79        0.01337                    260159.27
4028186.19        0.01281
         260182.28    4028185.59        0.01208                    259954.76
4028291.53        0.01100
         259977.78    4028290.93        0.01095                    260000.79
4028290.33        0.01095
         260023.80    4028289.74        0.01085                    260046.81
4028289.14        0.01070
         260069.82    4028288.54        0.01051                    260092.83
4028287.95        0.01033
         260115.84    4028287.35        0.01012                    260138.85
4028286.75        0.00988
         260161.86    4028286.16        0.00959                    260184.87
4028285.56        0.00925
         259957.36    4028391.49        0.00848                    259980.37
4028390.89        0.00839
         260003.38    4028390.30        0.00833                    260026.39
4028389.70        0.00826
         260049.40    4028389.10        0.00820                    260072.41
4028388.51        0.00814
         260095.42    4028387.91        0.00809                    260118.43
4028387.31        0.00803
         260141.44    4028386.72        0.00795                    260164.45
4028386.12        0.00781
         260187.46    4028385.52        0.00758                    259985.55
4028590.83        0.00586
         260008.56    4028590.23        0.00581                    260031.57
4028589.63        0.00576
         260054.58    4028589.04        0.00572                    260077.59
4028588.44        0.00568
         260100.61    4028587.84        0.00563                    260123.62
4028587.25        0.00559
         260146.63    4028586.65        0.00554                    260169.64
4028586.05        0.00546
         260192.65    4028585.46        0.00536                    259990.74
4028790.76        0.00433
         260013.75    4028790.16        0.00432                    260036.76
4028789.57        0.00430
         260059.77    4028788.97        0.00430                    260082.78
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4028788.37   0.00429
         260105.79   4028787.78   0.00427   260128.80
4028787.18   0.00426
         260151.81   4028786.58   0.00423   260174.82
4028785.99   0.00419
         260197.83   4028785.39   0.00412   259995.92
4028990.69   0.00341
         260018.93   4028990.10   0.00340   260041.94
4028989.50   0.00338
         260064.95   4028988.90   0.00338   260087.96
4028988.31   0.00338
         260110.97   4028987.71   0.00337   260133.98
4028987.11   0.00337
         260157.00   4028986.52   0.00336   260180.01
4028985.92   0.00334
         260203.02   4028985.32   0.00332   260001.10
4029190.63   0.00282
         260024.11   4029190.03   0.00281   260047.13
4029189.43   0.00281

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE4   ***
                                  INCLUDING SOURCE(S):   PHASE4   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                  ** CONC OF OTHER   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

4027700.10 0.12847
260192.81 4027726.50 0.13189 260220.40
4027671.92 0.16256
260238.40 4027703.19 0.08957 260226.93
4027727.68 0.08424
260208.71 4027745.13 0.09009 260245.34
4027673.65 0.10680
260262.96 4027705.74 0.06677 260250.72
4027731.86 0.06368
260225.17 4027763.53 0.06665 260198.54
4027774.63 0.07868
260270.28 4027675.38 0.07768 260312.40
4027710.13 0.04149
260299.29 4027738.12 0.04032 260286.18
4027766.11 0.03966
260258.80 4027800.04 0.04079 260230.27
4027811.93 0.04625
260201.74 4027823.82 0.05258 260320.16
4027678.84 0.04611
260362.04 4027714.11 0.02817 260348.44
4027743.14 0.02761
260334.84 4027772.16 0.02753 260321.24
4027801.19 0.02766
260292.85 4027836.38 0.02832 260263.26
4027848.71 0.03126
260233.68 4027861.03 0.03455 260204.09
4027873.36 0.03865
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4027777.27 0.02024
260370.04 4027806.96 0.02047 260356.13
4027836.64 0.02060
260327.10 4027872.63 0.02098 260296.84
4027885.24 0.02273
260266.58 4027897.85 0.02462 260236.32
4027910.46 0.02715
260206.06 4027923.07 0.02968 260419.92
4027685.76 0.02174
260461.54 4027721.59 0.01515 260447.42
4027751.73 0.01499
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260405.05 4027842.16 0.01601 260390.93
4027872.30 0.01596
260361.44 4027908.84 0.01633 260330.72
4027921.64 0.01747
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4027947.25 0.02008
260238.55 4027960.05 0.02165 260207.82

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4027972.86        0.02338
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         260517.96    4027821.00        0.00961                       260503.57
4027851.73        0.01007
         260489.17    4027882.47        0.01048                       260474.77
4027913.20        0.01062
         260460.37    4027943.93        0.01058                       260430.31
4027981.19        0.01079
         260398.98    4027994.25        0.01145                       260367.65
4028007.30        0.01196
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4028033.41        0.01301
         260273.67    4028046.46        0.01380                       260242.34
4028059.52        0.01475
         260211.02    4028072.57        0.01574                       260569.56
4027696.14        0.00998
         260660.84    4027735.91        0.00660                       260646.27
4027767.01        0.00651
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***       18:20:08

                                 PAGE 344
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                 INCLUDING SOURCE(S):     PHASE4      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         260631.70    4027798.10        0.00650                       260617.12
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         260602.55    4027860.30        0.00669                       260587.98
4027891.40        0.00703
         260573.41    4027922.50        0.00745                       260558.84
4027953.60        0.00767
         260544.27    4027984.69        0.00771                       260529.70
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4028066.70        0.00815
         260435.88    4028079.91        0.00849                    260404.18
4028093.12        0.00870
         260372.48    4028106.33        0.00891                    260340.78
4028119.54        0.00919
         260309.08    4028132.75        0.00962                    260277.38
4028145.96        0.01020
         260245.68    4028159.17        0.01081                    260213.98
4028172.38        0.01136
         260669.32    4027703.06        0.00695                    260760.54
4027742.95        0.00494
         260745.85    4027774.30        0.00478                    260731.16
4027805.65        0.00471
         260716.48    4027836.99        0.00476                    260701.79
4027868.34        0.00486
         260687.10    4027899.69        0.00504                    260672.42
4027931.03        0.00530
         260657.73    4027962.38        0.00558                    260643.04
4027993.73        0.00582
         260628.35    4028025.07        0.00593                    260613.67
4028056.42        0.00591
         260598.98    4028087.77        0.00584                    260568.32
4028125.77        0.00590
         260536.36    4028139.09        0.00613                    260504.41
4028152.40        0.00636
         260472.46    4028165.72        0.00655                    260440.50
4028179.03        0.00668
         260408.55    4028192.35        0.00676                    260376.59
4028205.67        0.00688
         260344.64    4028218.98        0.00708                    260312.69
4028232.30        0.00740
         260280.73    4028245.61        0.00787                    260248.78
4028258.93        0.00833
         260216.83    4028272.24        0.00886                    260769.08
4027709.98        0.00522
         260860.50    4027749.44        0.00395                    260846.22
4027779.91        0.00383
         260831.94    4027810.39        0.00372                    260817.67
4027840.87        0.00366
         260803.39    4027871.34        0.00366                    260789.11
4027901.82        0.00374
         260774.83    4027932.29        0.00389                    260760.55
4027962.77        0.00409
         260746.27    4027993.25        0.00433                    260731.99
4028023.72        0.00455
         260717.71    4028054.20        0.00470                    260703.43
4028084.67        0.00475
         260689.15    4028115.15        0.00473                    260674.87
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4028197.81        0.00465
         260606.86    4028210.76        0.00482                       260575.79
4028223.71        0.00500
         260544.72    4028236.65        0.00516                       260513.66
4028249.60        0.00527
         260482.59    4028262.54        0.00532                       260451.53
4028275.49        0.00534
         260420.46    4028288.43        0.00537                       260389.39
4028301.38        0.00548
         260358.33    4028314.32        0.00570                       260327.26
4028327.27        0.00600
         260296.20    4028340.22        0.00635                       260265.13
4028353.16        0.00675
         260234.06    4028366.11        0.00714                       260868.84
4027716.90        0.00414
         261059.92    4027763.51        0.00278                       261045.42
4027794.44        0.00271
         261030.93    4027825.37        0.00264                       261016.43
4027856.31        0.00255
         261001.94    4027887.24        0.00246                       260987.45
4027918.18        0.00240
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 345
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                 INCLUDING SOURCE(S):     PHASE4      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4027980.05        0.00247
         260943.97    4028010.98        0.00259                       260929.47
4028041.92        0.00275
         260914.98    4028072.85        0.00292                       260900.48
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4028227.52 0.00327
260828.02 4028258.46 0.00323 260813.52
4028289.39 0.00321
260799.03 4028320.33 0.00321 260776.01
4028342.36 0.00324
260744.48 4028355.50 0.00334 260712.95
4028368.64 0.00342
260681.41 4028381.78 0.00349 260649.88
4028394.92 0.00358
260618.35 4028408.06 0.00365 260586.81
4028421.20 0.00369
260555.28 4028434.34 0.00369 260523.75
4028447.49 0.00367
260492.21 4028460.63 0.00366 260460.68
4028473.77 0.00368
260429.15 4028486.91 0.00375 260397.62
4028500.05 0.00390
260366.08 4028513.19 0.00418 260334.55
4028526.33 0.00447
260303.02 4028539.47 0.00475 260271.48
4028552.61 0.00500
260239.95 4028565.75 0.00520 261068.36
4027730.74 0.00287
261259.37 4027777.49 0.00214 261244.73
4027808.73 0.00212
261230.10 4027839.96 0.00208 261215.46
4027871.19 0.00202
261200.83 4027902.43 0.00193 261186.20
4027933.66 0.00185
261171.56 4027964.89 0.00179 261156.93
4027996.13 0.00175
261142.30 4028027.36 0.00174 261127.66
4028058.59 0.00178
261113.03 4028089.83 0.00187 261098.39
4028121.06 0.00201
261083.76 4028152.29 0.00216 261069.13
4028183.53 0.00230
261054.49 4028214.76 0.00242 261039.86
4028245.99 0.00249
261025.23 4028277.23 0.00252 261010.59
4028308.46 0.00250
260995.96 4028339.69 0.00246 260981.32
4028370.93 0.00245
260966.69 4028402.16 0.00243 260952.06
4028433.39 0.00243
260937.42 4028464.63 0.00244 260914.19

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4028539.95        0.00263
         260755.00    4028553.21        0.00270                       260723.16
4028566.48        0.00277
         260691.32    4028579.75        0.00282                       260659.48
4028593.02        0.00282
         260627.64    4028606.28        0.00281                       260595.81
4028619.55        0.00277
         260563.97    4028632.82        0.00272                       260532.13
4028646.08        0.00270
         260500.29    4028659.35        0.00274                       260468.46
4028672.62        0.00285
         260436.62    4028685.89        0.00305                       260404.78
4028699.15        0.00327
         260372.94    4028712.42        0.00349                       260341.10
4028725.69        0.00369
         260309.27    4028738.96        0.00384                       260277.43
4028752.22        0.00395
         260245.59    4028765.49        0.00403                       261267.88
4027744.58        0.00218
         261458.97    4027791.15        0.00174                       261444.51
4027822.03        0.00172
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 346
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                  INCLUDING SOURCE(S):     PHASE4      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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4028069.00        0.00136
         261314.33    4028099.87        0.00135                   261299.86
4028130.74        0.00136
         261285.40    4028161.62        0.00142                   261270.93
4028192.49        0.00151
         261256.47    4028223.36        0.00163                   261242.00
4028254.23        0.00176
         261227.54    4028285.10        0.00187                   261213.07
4028315.98        0.00196
         261198.61    4028346.85        0.00201                   261184.15
4028377.72        0.00203
         261169.68    4028408.59        0.00201                   261155.22
4028439.46        0.00197
         261140.75    4028470.34        0.00194                   261126.29
4028501.21        0.00192
         261111.82    4028532.08        0.00193                   261097.36
4028562.95        0.00194
         261082.89    4028593.82        0.00195                   261052.69
4028631.25        0.00198
         261021.23    4028644.37        0.00200                   260989.76
4028657.48        0.00202
         260958.29    4028670.59        0.00202                   260926.82
4028683.71        0.00204
         260895.35    4028696.82        0.00207                   260863.88
4028709.94        0.00212
         260832.41    4028723.05        0.00219                   260800.94
4028736.16        0.00226
         260769.47    4028749.28        0.00230                   260738.00
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         260706.53    4028775.50        0.00227                   260675.06
4028788.62        0.00221
         260643.59    4028801.73        0.00216                   260612.12
4028814.85        0.00213
         260580.65    4028827.96        0.00214                   260549.18
4028841.07        0.00220
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         260454.77    4028880.41        0.00261                   260423.30
4028893.53        0.00278
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4028919.75        0.00306
         260328.90    4028932.87        0.00316                   260297.43
4028945.98        0.00325
         260265.96    4028959.10        0.00329                   260234.49
4028972.21        0.00332
         261467.40    4027758.42        0.00176                   261658.44
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4027867.30        0.00148
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4027929.50        0.00144
         261585.59    4027960.60        0.00140                       261571.02
4027991.69        0.00134
         261556.45    4028022.79        0.00129                       261541.88
4028053.89        0.00124
         261527.30    4028084.99        0.00119                       261512.73
4028116.09        0.00115
         261498.16    4028147.19        0.00111                       261483.59
4028178.28        0.00109
         261469.02    4028209.38        0.00110                       261454.45
4028240.48        0.00114
         261439.88    4028271.58        0.00121                       261425.31
4028302.68        0.00131
         261410.74    4028333.77        0.00141                       261396.17
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4028613.66        0.00157
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 347
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                 INCLUDING SOURCE(S):     PHASE4      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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         261190.90    4028775.75        0.00165                   261159.20
4028788.96        0.00166
         261127.50    4028802.17        0.00167                   261095.80
4028815.38        0.00166
         261064.10    4028828.59        0.00165                   261032.40
4028841.80        0.00166
         261000.70    4028855.01        0.00169                   260969.00
4028868.22        0.00174
         260937.30    4028881.43        0.00180                   260905.60
4028894.64        0.00187
         260873.90    4028907.85        0.00192                   260842.20
4028921.06        0.00195
         260810.50    4028934.27        0.00193                   260778.80
4028947.48        0.00188
         260747.10    4028960.69        0.00182                   260715.40
4028973.90        0.00176
         260683.70    4028987.11        0.00172                   260652.00
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         260620.30    4029013.53        0.00176                   260588.60
4029026.74        0.00183
         260556.90    4029039.95        0.00195                   260525.20
4029053.16        0.00208
         260493.50    4029066.37        0.00223                   260461.80
4029079.58        0.00236
         260430.10    4029092.79        0.00248                   260398.40
4029106.00        0.00258
         260366.70    4029119.21        0.00265                   260335.00
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         260303.30    4029145.63        0.00275                   260271.60
4029158.84        0.00277
         260239.90    4029172.05        0.00277                   261666.92
4027772.26        0.00146
         260195.10    4027643.19        0.49310                   260194.68
4027618.34        0.65613
         260194.26    4027593.49        0.77308                   260193.84
4027568.64        0.88509
         260193.42    4027543.79        0.96035                   260193.01
4027518.94        0.99795
         260192.59    4027494.09        1.01247                   260192.17
4027469.24        1.00816
         260191.75    4027444.39        0.98588                   260191.33
4027419.55        0.89865
         260190.91    4027394.70        0.70193                   260190.50
4027369.85        0.50789
         260190.08    4027345.00        0.37039                   260189.66
4027320.15        0.27559
         260189.24    4027295.30        0.20881                   260188.82
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4027270.45        0.16111
         260188.40    4027245.60        0.12650                        260187.99
4027220.75        0.10094
         260187.57    4027195.90        0.08173                        260187.15
4027171.05        0.06708
         260186.73    4027146.20        0.05571                        260186.31
4027121.35        0.04674
         260185.89    4027096.50        0.03966                        260185.48
4027071.65        0.03401
         260185.06    4027046.81        0.02928                        260184.64
4027021.96        0.02530
         260184.22    4026997.11        0.02242                        260183.80
4026972.26        0.01996
         260183.38    4026947.41        0.01778                        260182.96
4026922.56        0.01593
         260220.09    4027642.77        0.24509                        260219.68
4027617.92        0.33573
         260219.26    4027593.07        0.41866                        260218.84
4027568.22        0.50556
         260218.42    4027543.37        0.55597                        260218.00
4027518.52        0.59139
         260217.58    4027493.67        0.61900                        260217.17
4027468.82        0.63038
         260216.75    4027443.97        0.62599                        260216.33
4027419.12        0.59741
         260215.91    4027394.28        0.53191                        260215.49
4027369.43        0.43991
         260215.07    4027344.58        0.35054                        260214.66
4027319.73        0.27541
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 348
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                 INCLUDING SOURCE(S):     PHASE4      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4027592.23        0.16886
         260268.83    4027567.38        0.20463                        260268.41
4027542.53        0.23766
         260268.00    4027517.68        0.26704                        260267.58
4027492.83        0.29117
         260267.16    4027467.98        0.30877                        260266.74
4027443.13        0.31937
         260266.32    4027418.28        0.32044                        260265.90
4027393.43        0.31223
         260265.49    4027368.58        0.29358                        260265.07
4027343.73        0.26611
         260264.65    4027318.89        0.23391                        260264.23
4027294.04        0.20095
         260263.81    4027269.19        0.17007                        260263.39
4027244.34        0.14272
         260262.97    4027219.49        0.11938                        260262.56
4027194.64        0.10012
         260262.14    4027169.79        0.08430                        260261.72
4027144.94        0.07136
         260261.30    4027120.09        0.06069                        260260.88
4027095.24        0.05192
         260260.46    4027070.39        0.04468                        260320.08
4027641.09        0.05905
         260319.66    4027616.24        0.07118                        260319.24
4027591.39        0.08583
         260318.83    4027566.54        0.10271                        260318.41
4027541.69        0.12092
         260317.99    4027516.84        0.13927                        260317.57
4027491.99        0.15653
         260317.15    4027467.14        0.17146                        260316.73
4027442.29        0.18342
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 349
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                 INCLUDING SOURCE(S):     PHASE4      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
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Y-COORD (M)        CONC
 - - -
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4027614.55   0.02992
         260419.23   4027589.70   0.03426   260418.81
4027564.85   0.03937
         260418.39   4027540.00   0.04512   260417.97
4027515.16   0.05137
         260417.56   4027490.31   0.05798   260417.14
4027465.46   0.06475
         260416.72   4027440.61   0.07136   260416.30
4027415.76   0.07756
         260415.88   4027390.91   0.08305   260415.46
4027366.06   0.08742
         260415.05   4027341.21   0.09038   260414.63
4027316.36   0.09187
         260414.21   4027291.51   0.09204   260413.79
4027266.66   0.09075
         260413.37   4027241.81   0.08809   260412.95
4027216.96   0.08424
         260412.54   4027192.11   0.07946   260412.12
4027167.26   0.07399
         260411.70   4027142.41   0.06819   260411.28
4027117.57   0.06246
         260410.86   4027092.72   0.05693   260410.44
4027067.87   0.05171
         260410.02   4027043.02   0.04685   260409.61
4027018.17   0.04237
         260409.19   4026993.32   0.03823   260408.77
4026968.47   0.03449
         260408.35   4026943.62   0.03116   260407.93
4026918.77   0.02819
         260407.51   4026893.92   0.02552   260470.48
4027663.41   0.01767
         260470.06   4027638.56   0.01948   260469.64
4027613.71   0.02169

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                  INCLUDING SOURCE(S):   PHASE4   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260469.22	4027588.86	0.02443	260468.80	4027564.01	0.02765
260468.39	4027539.16	0.03124	260467.97	4027514.31	0.03512
260467.55	4027489.46	0.03924	260467.13	4027464.61	0.04355
260466.71	4027439.77	0.04797	260466.29	4027414.92	0.05229
260465.88	4027390.07	0.05653	260465.46	4027365.22	0.06043
260465.04	4027340.37	0.06365	260464.62	4027315.52	0.06606
260464.20	4027290.67	0.06770	260463.78	4027265.82	0.06847
260463.36	4027240.97	0.06833	260462.95	4027216.12	0.06725
260462.53	4027191.27	0.06530	260462.11	4027166.42	0.06263
260461.69	4027141.57	0.05958	260461.27	4027116.72	0.05612
260460.85	4027091.87	0.05241	260460.44	4027067.03	0.04867
260570.46	4027661.73	0.01107	260570.04	4027636.88	0.01200
260569.63	4027612.03	0.01308	260569.21	4027587.18	0.01433
260568.79	4027562.33	0.01578	260568.37	4027537.48	0.01740
260567.95	4027512.63	0.01914	260567.53	4027487.78	0.02099
260567.12	4027462.93	0.02294	260566.70	4027438.08	0.02499
260566.28	4027413.23	0.02711	260565.86	4027388.38	0.02927
260565.44	4027363.53	0.03141	260565.02	4027338.68	0.03346
260564.61	4027313.84	0.03541	260564.19	4027288.99	0.03719
260563.77	4027264.14	0.03878	260563.35	4027239.29	0.04005
260562.93	4027214.44	0.04101	260562.51	4027189.59	0.04159
260562.10	4027164.74	0.04167	260561.68	4027139.89	0.04117
260561.26	4027115.04	0.04059	260560.84		

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4027090.19        0.03997
         260560.42    4027065.34        0.03868                        260560.00
4027040.49        0.03714
         260559.59    4027015.64        0.03536                        260559.17
4026990.79        0.03355
         260558.75    4026965.94        0.03174                        260558.33
4026941.09        0.02970
         260557.91    4026916.25        0.02765                        260557.49
4026891.40        0.02596
         260670.45    4027660.04        0.00772                        260670.03
4027635.19        0.00821
         260669.61    4027610.34        0.00884                        260669.19
4027585.49        0.00954
         260668.78    4027560.65        0.01023                        260668.36
4027535.80        0.01104
         260667.94    4027510.95        0.01198                        260667.52
4027486.10        0.01296
         260667.10    4027461.25        0.01399                        260666.68
4027436.40        0.01507
         260666.27    4027411.55        0.01618                        260665.85
4027386.70        0.01732
         260665.43    4027361.85        0.01849                        260665.01
4027337.00        0.01953
         260664.59    4027312.15        0.02059                        260664.17
4027287.30        0.02173
         260663.75    4027262.45        0.02287                        260663.34
4027237.60        0.02393
         260662.92    4027212.75        0.02481                        260662.50
4027187.90        0.02562
         260662.08    4027163.06        0.02639                        260661.66
4027138.21        0.02703
         260661.24    4027113.36        0.02745                        260660.83
4027088.51        0.02779
         260660.41    4027063.66        0.02786                        260769.98
4027675.57        0.00564
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 351
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                 INCLUDING SOURCE(S):     PHASE4      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260770.02	4027633.51	0.00620	260769.60	4027608.66	0.00654
260769.18	4027583.81	0.00689	260768.76	4027558.96	0.00729
260768.34	4027534.11	0.00774	260767.92	4027509.26	0.00825
260767.51	4027484.41	0.00882	260767.09	4027459.56	0.00943
260766.67	4027434.72	0.01007	260766.25	4027409.87	0.01072
260765.83	4027385.02	0.01138	260765.41	4027360.17	0.01207
260765.00	4027335.32	0.01281	260764.58	4027310.47	0.01351
260764.16	4027285.62	0.01414	260763.74	4027260.77	0.01471
260763.32	4027235.92	0.01538	260762.90	4027211.07	0.01597
260762.49	4027186.22	0.01658	260762.07	4027161.37	0.01721
260761.65	4027136.52	0.01777	260761.23	4027111.67	0.01837
260760.81	4027086.82	0.01920	260760.39	4027061.97	0.01979
260759.98	4027037.13	0.02012	260759.56	4027012.28	0.02030
260759.14	4026987.43	0.02041	260758.72	4026962.58	0.02039
260758.30	4026937.73	0.02023	260757.88	4026912.88	0.01995
260757.46	4026888.03	0.01956	260869.89	4027676.75	0.00448
260870.00	4027631.83	0.00487	260869.58	4027606.98	0.00508
260869.17	4027582.13	0.00529	260868.75	4027557.28	0.00552
260868.33	4027532.43	0.00578	260867.91	4027507.58	0.00609
260867.49	4027482.73	0.00643	260867.07	4027457.88	0.00682
260866.66	4027433.03	0.00722	260866.24	4027408.18	0.00766
260865.82	4027383.33	0.00803	260865.40		

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4027358.48        0.00841
         260864.98    4027333.63        0.00884                        260864.56
4027308.78        0.00930
         260864.14    4027283.94        0.00974                        260863.73
4027259.09        0.01011
         260863.31    4027234.24        0.01051                        260862.89
4027209.39        0.01099
         260862.47    4027184.54        0.01147                        260862.05
4027159.69        0.01191
         260861.63    4027134.84        0.01230                        260861.22
4027109.99        0.01274
         260860.80    4027085.14        0.01334                        260860.38
4027060.29        0.01381
         261069.89    4027672.67        0.00309                        261069.97
4027628.46        0.00327
         261069.56    4027603.61        0.00337                        261069.14
4027578.76        0.00346
         261068.72    4027553.91        0.00356                        261068.30
4027529.06        0.00365
         261067.88    4027504.21        0.00378                        261067.46
4027479.36        0.00394
         261067.05    4027454.51        0.00412                        261066.63
4027429.66        0.00432
         261066.21    4027404.82        0.00452                        261065.79
4027379.97        0.00475
         261065.37    4027355.12        0.00495                        261064.95
4027330.27        0.00522
         261064.54    4027305.42        0.00549                        261064.12
4027280.57        0.00572
         261063.70    4027255.72        0.00595                        261063.28
4027230.87        0.00617
         261062.86    4027206.02        0.00638                        261062.44
4027181.17        0.00658
         261062.02    4027156.32        0.00675                        261061.61
4027131.47        0.00696
         261061.19    4027106.62        0.00716                        261060.77
4027081.77        0.00737
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 352
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                  INCLUDING SOURCE(S):     PHASE4      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
261060.35	4027056.92	0.00759	261269.74	4027673.60	0.00235
261269.12	4027697.26	0.00229	261268.50	4027720.92	0.00224
261270.36	4027649.94	0.00242	261269.95	4027625.09	0.00248
261269.53	4027600.24	0.00254	261269.11	4027575.39	0.00260
261268.69	4027550.54	0.00262	261268.27	4027525.70	0.00265
261267.85	4027500.85	0.00266	261267.44	4027476.00	0.00272
261267.02	4027451.15	0.00282	261266.60	4027426.30	0.00295
261266.18	4027401.45	0.00305	261265.76	4027376.60	0.00317
261265.34	4027351.75	0.00330	261264.93	4027326.90	0.00347
261264.51	4027302.05	0.00360	261264.09	4027277.20	0.00378
261263.67	4027252.35	0.00395	261263.25	4027227.50	0.00409
261262.83	4027202.65	0.00422	261262.41	4027177.80	0.00435
261262.00	4027152.95	0.00447	261261.58	4027128.11	0.00458
261261.16	4027103.26	0.00468	261260.74	4027078.41	0.00478
261260.32	4027053.56	0.00488	261469.75	4027668.94	0.00187
261468.58	4027713.68	0.00181	261470.34	4027646.58	0.00191
261469.92	4027621.73	0.00195	261469.50	4027596.88	0.00201
261469.08	4027572.03	0.00206	261468.66	4027547.18	0.00209
261468.24	4027522.33	0.00212	261467.83	4027497.48	0.00214
261467.41	4027472.63	0.00217	261466.99	4027447.78	0.00219
261466.57	4027422.93	0.00222	261466.15		

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4027398.08        0.00227
         261465.73    4027373.23        0.00233                       261465.32
4027348.38        0.00241
         261464.90    4027323.53        0.00250                       261464.48
4027298.68        0.00260
         261464.06    4027273.83        0.00273                       261463.64
4027248.99        0.00285
         261463.22    4027224.14        0.00296                       261462.80
4027199.29        0.00307
         261462.39    4027174.44        0.00317                       261461.97
4027149.59        0.00326
         261461.55    4027124.74        0.00333                       261461.13
4027099.89        0.00341
         261460.71    4027075.04        0.00348                       261460.29
4027050.19        0.00354
         261459.88    4027025.34        0.00360                       261459.46
4027000.49        0.00366
         261459.04    4026975.64        0.00372                       261458.62
4026950.79        0.00377
         261458.20    4026925.94        0.00384                       261457.78
4026901.09        0.00391
         261457.37    4026876.25        0.00397                       261669.74
4027664.72        0.00158
         261668.62    4027707.73        0.00151                       261669.89
4027618.36        0.00164
         261669.47    4027593.51        0.00169                       261669.05
4027568.66        0.00172
         261668.63    4027543.81        0.00174                       261668.22
4027518.96        0.00176
         261667.80    4027494.11        0.00177                       261667.38
4027469.26        0.00178
         261666.96    4027444.41        0.00178                       261666.54
4027419.56        0.00178
         261666.12    4027394.71        0.00180                       261665.71
4027369.87        0.00183
         261665.29    4027345.02        0.00187                       261664.87
4027320.17        0.00193
         261664.45    4027295.32        0.00200                       261664.03
4027270.47        0.00208
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 353
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                 INCLUDING SOURCE(S):     PHASE4      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
261663.61	4027245.62	0.00217	261663.19	4027220.77	0.00226
261662.78	4027195.92	0.00235	261662.36	4027171.07	0.00243
261661.94	4027146.22	0.00251	261661.52	4027121.37	0.00259
261661.10	4027096.52	0.00264	261660.68	4027071.67	0.00270
261660.27	4027046.82	0.00275	261659.85	4027021.97	0.00279
261659.43	4026997.12	0.00283	261659.01	4026972.28	0.00287
261658.59	4026947.43	0.00291	261658.17	4026922.58	0.00296
261657.76	4026897.73	0.00299	261657.34	4026872.88	0.00304
260288.10	4026826.13	0.01518	260294.23	4026848.07	0.01681
260300.37	4026870.01	0.01868	260348.08	4026861.01	0.02017
260374.46	4026775.74	0.01539	260380.66	4026797.90	0.01688
260386.85	4026820.06	0.01854	260393.05	4026842.22	0.02039
260399.25	4026864.38	0.02245	260420.80	4026761.83	0.01597
260504.00	4026700.14	0.01465	260510.29	4026722.64	0.01578
260516.59	4026745.14	0.01700	260522.88	4026767.64	0.01831
260529.17	4026790.14	0.01968	260535.47	4026812.64	0.02111
260541.76	4026835.14	0.02256	260548.05	4026857.65	0.02404
260590.35	4026649.71	0.01367	260596.64	4026672.21	0.01456
260602.94	4026694.71	0.01549	260609.23	4026717.21	0.01646
260615.52	4026739.71	0.01744	260626.01		

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4026777.21        0.01906
         260648.04    4026855.96        0.02225                       260676.70
4026599.27        0.01257
         260682.99    4026621.77        0.01325                       260689.29
4026644.27        0.01392
         260695.58    4026666.77        0.01460                       260701.87
4026689.27        0.01525
         260708.17    4026711.78        0.01589                       260714.46
4026734.28        0.01651
         260720.75    4026756.78        0.01711                       260727.05
4026779.28        0.01767
         260733.34    4026801.78        0.01820                       260739.63
4026824.28        0.01868
         260745.93    4026846.78        0.01908                       260763.05
4026548.84        0.01143
         260769.34    4026571.34        0.01191                       260775.64
4026593.84        0.01237
         260781.93    4026616.34        0.01282                       260788.22
4026638.84        0.01325
         260794.52    4026661.34        0.01367                       260800.81
4026683.84        0.01408
         260807.10    4026706.34        0.01446                       260813.40
4026728.84        0.01482
         260825.98    4026773.84        0.01542                       260846.96
4026848.84        0.01578
         260935.75    4026447.97        0.00920                       260942.04
4026470.47        0.00943
         260948.34    4026492.97        0.00965                       260954.63
4026515.47        0.00986
         260960.92    4026537.97        0.01007                       260967.22
4026560.47        0.01028
         260973.51    4026582.97        0.01047                       260979.80
4026605.47        0.01064
         260986.10    4026627.97        0.01078                       260992.39
4026650.47        0.01089
         260998.68    4026672.97        0.01096                       261004.98
4026695.47        0.01097
         261011.27    4026717.98        0.01093                       261019.66
4026747.98        0.01079
         261108.46    4026347.13        0.00735                       261114.80
4026369.78        0.00750
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                PAGE 354
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                            *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
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VALUES FOR SOURCE GROUP: PHASE4 ***
INCLUDING SOURCE(S): PHASE4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
261121.13	4026392.44	0.00765	261127.47	4026415.10	0.00778
261133.81	4026437.76	0.00790	261140.15	4026460.42	0.00801
261146.48	4026483.08	0.00810	261152.82	4026505.74	0.00816
261159.16	4026528.40	0.00819	261165.50	4026551.06	0.00820
261171.84	4026573.72	0.00817	261178.17	4026596.37	0.00811
261184.51	4026619.03	0.00801	261190.85	4026641.69	0.00789
261197.19	4026664.35	0.00774	261203.52	4026687.01	0.00757
261209.86	4026709.67	0.00739	261219.37	4026743.66	0.00708
261281.16	4026246.25	0.00609	261287.49	4026268.89	0.00618
261293.82	4026291.52	0.00626	261300.15	4026314.16	0.00632
261306.48	4026336.79	0.00638	261312.81	4026359.42	0.00643
261319.14	4026382.06	0.00645	261325.47	4026404.69	0.00646
261331.80	4026427.33	0.00644	261338.13	4026449.96	0.00640
261344.47	4026472.60	0.00633	261350.80	4026495.23	0.00625
261357.13	4026517.87	0.00616	261363.46	4026540.50	0.00605
261369.79	4026563.14	0.00593	261376.12	4026585.77	0.00576
261382.45	4026608.40	0.00559	261388.78	4026631.04	0.00544
261395.11	4026653.67	0.00532	261401.44	4026676.31	0.00520
261407.77	4026698.94	0.00504	261414.10		

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4026721.58        0.00489
         261420.44    4026744.21        0.00474                       261426.77
4026766.85        0.00460
         261433.10    4026789.48        0.00445                       261439.43
4026812.11        0.00431
         261445.76    4026834.75        0.00417                       261453.86
4026145.38        0.00516
         261460.18    4026168.00        0.00521                       261466.51
4026190.61        0.00525
         261472.83    4026213.23        0.00528                       261479.16
4026235.85        0.00529
         261485.49    4026258.46        0.00528                       261491.81
4026281.08        0.00527
         261498.14    4026303.70        0.00524                       261504.46
4026326.31        0.00521
         261510.79    4026348.93        0.00515                       261517.11
4026371.55        0.00508
         261523.44    4026394.16        0.00501                       261529.77
4026416.78        0.00492
         261536.09    4026439.39        0.00482                       261542.42
4026462.01        0.00472
         261548.74    4026484.63        0.00462                       261555.07
4026507.24        0.00451
         261561.40    4026529.86        0.00441                       261567.72
4026552.48        0.00430
         261574.05    4026575.09        0.00418                       261580.37
4026597.71        0.00408
         261586.70    4026620.33        0.00397                       261593.02
4026642.94        0.00387
         261599.35    4026665.56        0.00377                       261605.68
4026688.18        0.00367
         261612.00    4026710.79        0.00358                       261618.33
4026733.41        0.00349
         261624.65    4026756.03        0.00341                       261630.98
4026778.64        0.00332
         261637.31    4026801.26        0.00325                       261643.63
4026823.88        0.00318
         261649.96    4026846.49        0.00311                       260178.22
4026852.86        0.01186
         260186.13    4026829.14        0.01119                       260206.65
4026845.81        0.01277
         260187.19    4026799.87        0.01013                       260223.53
4026769.10        0.01027
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 355
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE4 ***

INCLUDING SOURCE(S): PHASE4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260244.05	4026785.76	0.01156	260264.57	4026802.43	0.01302
260226.11	4026710.93	0.00859	260248.00	4026728.70	0.00966
260299.44	4026710.19	0.01041	260321.04	4026727.73	0.01160
260342.64	4026745.27	0.01293	260257.58	4026615.93	0.00713
260278.99	4026633.32	0.00787	260300.41	4026650.70	0.00870
260321.82	4026668.09	0.00962	260343.24	4026685.48	0.01064
260333.14	4026556.74	0.00721	260355.03	4026574.51	0.00789
260376.92	4026592.29	0.00865	260398.81	4026610.06	0.00949
260420.70	4026627.83	0.01042	260442.59	4026645.61	0.01141
260464.49	4026663.38	0.01246	260486.38	4026681.15	0.01355
260320.88	4026426.24	0.00518	260342.49	4026443.78	0.00560
260364.09	4026461.32	0.00605	260385.69	4026478.86	0.00655
260407.30	4026496.40	0.00710	260428.90	4026513.94	0.00771
260450.50	4026531.48	0.00838	260472.11	4026549.02	0.00910
260572.92	4026630.87	0.01283	260352.60	4026331.45	0.00452
260374.49	4026349.23	0.00484	260396.39	4026367.00	0.00519
260483.95	4026438.10	0.00700	260505.84	4026455.87	0.00756
260527.73	4026473.64	0.00814	260549.62		

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4026491.42        0.00874
         260571.51    4026509.19        0.00936                       260593.40
4026526.96        0.00999
         260615.30    4026544.74        0.01064                       260637.19
4026562.51        0.01129
         260659.08    4026580.28        0.01193                       260384.16
4026236.53        0.00398
         260405.84    4026254.14        0.00422                       260427.53
4026271.74        0.00450
         260449.21    4026289.35        0.00480                       260470.90
4026306.95        0.00514
         260492.58    4026324.56        0.00550                       260514.26
4026342.17        0.00590
         260535.95    4026359.77        0.00633                       260557.63
4026377.38        0.00677
         260579.32    4026394.98        0.00723                       260601.00
4026412.59        0.00771
         260622.69    4026430.19        0.00819                       260644.37
4026447.80        0.00868
         260709.42    4026500.62        0.01022                       260731.11
4026518.22        0.01070
         260447.42    4026046.81        0.00319                       260469.15
4026064.45        0.00335
         260505.36    4026093.85        0.00366                       260548.82
4026129.14        0.00410
         260570.55    4026146.78        0.00435                       260592.28
4026164.42        0.00462
         260614.01    4026182.07        0.00490                       260635.74
4026199.71        0.00519
         260657.47    4026217.35        0.00549                       260679.20
4026235.00        0.00579
         260700.93    4026252.64        0.00610                       260722.66
4026270.28        0.00641
         260744.39    4026287.92        0.00674                       260766.12
4026305.57        0.00707
         260860.29    4026382.02        0.00851                       260882.02
4026399.66        0.00876
         260903.75    4026417.30        0.00896                       260510.67
4025857.08        0.00264
         260532.43    4025874.74        0.00275                       260554.19
4025892.41        0.00287
         260575.95    4025910.08        0.00301                       260699.25
4026010.19        0.00401
         260721.01    4026027.85        0.00422                       260742.77
4026045.52        0.00442
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE4 ***
INCLUDING SOURCE(S): PHASE4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260764.53	4026063.19	0.00463	260786.29	4026080.85	0.00484
260808.05	4026098.52	0.00505	260829.81	4026116.18	0.00527
260851.57	4026133.85	0.00550	260873.32	4026151.52	0.00574
260895.08	4026169.18	0.00600	260916.84	4026186.85	0.00625
261011.13	4026263.40	0.00710	261032.89	4026281.07	0.00720
261054.65	4026298.74	0.00727	261076.41	4026316.40	0.00732
260573.93	4025667.35	0.00224	260595.71	4025685.03	0.00233
260617.48	4025702.71	0.00241	260639.26	4025720.39	0.00251
260661.04	4025738.08	0.00261	260769.94	4025826.49	0.00328
260849.80	4025891.33	0.00382	260871.58	4025909.01	0.00397
260893.36	4025926.69	0.00412	260915.13	4025944.38	0.00428
260936.91	4025962.06	0.00444	260958.69	4025979.74	0.00462
260980.47	4025997.43	0.00480	261002.25	4026015.11	0.00499
261024.03	4026032.79	0.00518	261045.81	4026050.47	0.00537
261067.59	4026068.16	0.00554	261089.37	4026085.84	0.00568
261111.15	4026103.52	0.00580	261132.93	4026121.20	0.00588
261154.71	4026138.89	0.00594	261176.49		

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4026156.57        0.00598
         261198.26    4026174.25        0.00600                     261220.04
4026191.94        0.00602
         261241.82    4026209.62        0.00604                     261263.60
4026227.30        0.00606
         260637.18    4025477.61        0.00194                     260658.97
4025495.31        0.00200
         260680.76    4025513.00        0.00206                     260702.56
4025530.70        0.00214
         260724.35    4025548.39        0.00223                     260746.15
4025566.09        0.00232
         260767.94    4025583.78        0.00241                     260789.73
4025601.48        0.00252
         260811.53    4025619.17        0.00262                     260833.32
4025636.87        0.00273
         260855.12    4025654.56        0.00284                     260876.91
4025672.26        0.00294
         260898.71    4025689.95        0.00305                     260920.50
4025707.65        0.00316
         260942.29    4025725.34        0.00327                     260964.09
4025743.04        0.00338
         260985.88    4025760.73        0.00349                     261007.68
4025778.43        0.00361
         261029.47    4025796.12        0.00373                     261051.26
4025813.82        0.00387
         261073.06    4025831.51        0.00401                     261094.85
4025849.21        0.00416
         261116.65    4025866.90        0.00432                     261138.44
4025884.59        0.00447
         261160.23    4025902.29        0.00461                     261182.03
4025919.98        0.00474
         261203.82    4025937.68        0.00484                     261225.62
4025955.37        0.00492
         261247.41    4025973.07        0.00498                     261269.20
4025990.76        0.00502
         261291.00    4026008.46        0.00504                     261312.79
4026026.15        0.00505
         261334.59    4026043.85        0.00506                     261356.38
4026061.54        0.00507
         261378.18    4026079.24        0.00509                     261399.97
4026096.93        0.00511
         261421.76    4026114.63        0.00513                     259786.65
4026922.81        0.00589
         259785.22    4026946.18        0.00619                     259786.24
4026967.32        0.00652
         259787.46    4026993.13        0.00695                     259786.85
4027016.70        0.00735
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): PHASE4 , PHASE3A , PHASE2A , PHASE3B , PHASE2B , PHASE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260122.88	4026867.29	1.44634	260099.69	4026867.81	1.46287
260076.51	4026868.33	1.42987	260053.32	4026868.85	1.39838
260030.13	4026869.37	1.33781	260006.94	4026869.89	1.21448
259983.76	4026870.42	1.01276	259960.57	4026870.94	0.83419
260145.51	4026841.77	1.03039	260122.32	4026842.29	1.04692
260099.13	4026842.82	1.04276	260075.94	4026843.34	1.01303
260052.76	4026843.86	0.97748	260029.57	4026844.38	0.91649
260006.38	4026844.90	0.83016	259983.19	4026845.42	0.74189
259960.01	4026845.94	0.68579	260157.65	4026818.69	0.82535
260121.76	4026817.30	0.81983	260098.57	4026817.82	0.80895
260075.38	4026818.34	0.78215	260052.19	4026818.86	0.74721
260029.01	4026819.39	0.70253	260005.82	4026819.91	0.65383
259982.63	4026820.43	0.61538	259959.44	4026820.95	0.59493
260161.32	4026794.34	0.68724	260121.20	4026792.31	0.67123
260098.01	4026792.83	0.65721	260074.82		

4026793.35 0.63515
260051.63 4026793.87 0.60836 260028.45
4026794.39 0.57925
260005.26 4026794.91 0.55282 259982.07
4026795.43 0.53578
259958.88 4026795.96 0.52949 260160.19
4026744.35 0.50773
260120.07 4026742.32 0.48822 260096.88
4026742.84 0.47697
260073.70 4026743.36 0.46427 260050.51
4026743.88 0.45152
260027.32 4026744.40 0.44073 260004.13
4026744.93 0.43392
259980.95 4026745.45 0.43149 259957.76
4026745.97 0.43419
260164.72 4026695.21 0.39931 260187.30
4026698.62 0.40840
260142.14 4026691.81 0.38745 260118.95
4026692.33 0.38099
260095.76 4026692.85 0.37454 260072.57
4026693.37 0.36923
260049.39 4026693.90 0.36394 260026.20
4026694.42 0.36007
260003.01 4026694.94 0.35841 259979.82
4026695.46 0.35904
259956.64 4026695.98 0.36139 260162.18
4026645.01 0.32479
260204.52 4026651.40 0.33735 260117.82
4026642.34 0.31349
260094.64 4026642.87 0.31002 260071.45
4026643.39 0.30700
260048.26 4026643.91 0.30471 260025.07
4026644.43 0.30335
260001.89 4026644.95 0.30286 259978.70
4026645.47 0.30293
259955.51 4026645.99 0.30333 260160.21
4026594.90 0.27335
260200.85 4026601.03 0.28319 260116.70
4026592.36 0.26530
260093.51 4026592.88 0.26262 260070.33
4026593.40 0.26053
260047.14 4026593.92 0.25909 260023.95
4026594.44 0.25783
260000.76 4026594.96 0.25680 259977.58
4026595.48 0.25567
259954.39 4026596.01 0.25412 260160.22
4026495.27 0.20352
260182.80 4026498.67 0.20750 260205.38
4026502.07 0.21124
260227.96 4026505.48 0.21462 260250.54

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   PHASE4   , PHASE3A , PHASE2A   , PHASE3B   , PHASE2B   ,
                                       PHASE1   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                            ** CONC OF OTHER   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
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4026308.93        0.13298
         260268.63    4026312.34        0.13544                    260291.21
4026315.74        0.13766
         260313.79    4026319.15        0.13961                    260133.15
4026291.91        0.11766
         260109.96    4026292.43        0.11530                    260086.77
4026292.95        0.11280
         260063.58    4026293.48        0.11018                    260040.40
4026294.00        0.10745
         260017.21    4026294.52        0.10461                    259994.02
4026295.04        0.10168
         259970.83    4026295.56        0.09866                    259947.65
4026296.08        0.09555
         260152.45    4026195.19        0.09497                    260195.56
4026201.69        0.10060
         260238.67    4026208.18        0.10565                    260281.77
4026214.68        0.11014
         260324.88    4026221.18        0.11399                    260107.71
4026192.46        0.08992
         260084.52    4026192.98        0.08771                    260061.34
4026193.50        0.08530
         260038.15    4026194.02        0.08283                    260014.96
4026194.54        0.08034
         259991.77    4026195.06        0.07782                    259968.59
4026195.59        0.07526
         259945.40    4026196.11        0.07257                    260148.18
4025995.27        0.06135
         260191.72    4026001.84        0.06560                    260235.27
4026008.40        0.06969
         260278.82    4026014.97        0.07346                    260322.37
4026021.53        0.07700
         260365.91    4026028.10        0.08000                    260409.46
4026034.66        0.08278
         260103.22    4025992.51        0.05749                    260080.03
4025993.03        0.05595
         260056.84    4025993.55        0.05426                    260033.65
4025994.07        0.05255
         260010.47    4025994.59        0.05086                    259987.28
4025995.11        0.04920
         259964.09    4025995.64        0.04755                    259940.90
4025996.16        0.04594
         260143.82    4025795.34        0.04242                    260187.66
4025801.95        0.04532
         260231.49    4025808.56        0.04827                    260275.32
4025815.17        0.05119
         260319.15    4025821.78        0.05404                    260362.98
4025828.38        0.05672
         260406.82    4025834.99        0.05922                    260450.65
4025841.60        0.06154
         260098.72    4025792.56        0.03978                    260075.53
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4025793.08        0.03863
         260052.35    4025793.60        0.03749                       260029.16
4025794.12        0.03633
         260005.97    4025794.64        0.03519                       259982.78
4025795.17        0.03414
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                  PAGE 359
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                 PHASE1      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         259959.60    4025795.69        0.03312                       259936.41
4025796.21        0.03211
         260139.43    4025595.41        0.03114                       260183.46
4025602.05        0.03309
         260227.49    4025608.68        0.03514                       260271.52
4025615.32        0.03731
         260315.55    4025621.96        0.03947                       260359.59
4025628.60        0.04153
         260403.62    4025635.24        0.04357                       260447.65
4025641.88        0.04554
         260491.68    4025648.51        0.04743                       260535.71
4025655.15        0.04921
         260094.23    4025592.61        0.02933                       260071.04
4025593.13        0.02851
         260047.85    4025593.65        0.02771                       260024.66
4025594.17        0.02696
         260001.48    4025594.69        0.02623                       259978.29
4025595.22        0.02552
         259955.10    4025595.74        0.02481                       259931.91
4025596.26        0.02412
         260135.01    4025395.47        0.02414                       260179.19
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4025402.13        0.02560
         260223.37    4025408.79        0.02712                    260267.54
4025415.45        0.02864
         260311.72    4025422.11        0.03018                    260355.90
4025428.77        0.03174
         260400.08    4025435.43        0.03329                    260444.26
4025442.09        0.03471
         260488.44    4025448.75        0.03624                    260532.61
4025455.41        0.03776
         260576.79    4025462.07        0.03922                    260089.73
4025392.66        0.02288
         260066.54    4025393.18        0.02229                    260043.36
4025393.70        0.02173
         260020.17    4025394.22        0.02119                    259996.98
4025394.75        0.02067
         259973.79    4025395.27        0.02015                    259950.61
4025395.79        0.01964
         259927.42    4025396.31        0.01915                    259936.53
4026919.72        1.09292
         259936.93    4026943.08        1.27312                    259937.33
4026966.44        1.47228
         259937.73    4026989.80        1.73060                    259938.13
4027013.16        2.11633
         259918.11    4026879.03        0.77739                    259911.54
4026920.14        0.96755
         259911.93    4026943.51        1.10849                    259912.33
4026966.87        1.28328
         259912.73    4026990.23        1.52550                    259913.13
4027013.59        1.90557
         259893.11    4026879.46        0.77387                    259924.52
4026836.29        0.63196
         259886.54    4026920.57        0.93656                    259886.94
4026943.93        1.05697
         259887.34    4026967.29        1.21493                    259887.73
4026990.66        1.45370
         259888.13    4027014.02        1.83736                    259868.12
4026879.88        0.80097
         259882.06    4026844.38        0.68021                    259906.50
4026818.96        0.59507
         259861.54    4026921.00        0.95265                    259861.94
4026944.36        1.05911
         259862.34    4026967.72        1.20666                    259862.74
4026991.08        1.43104
         259863.14    4027014.44        1.82807                    259819.52
4026877.19        0.94474
         259827.89    4026855.88        0.82925                    259836.25
4026834.58        0.73095
         259844.62    4026813.28        0.64820                    259873.94
4026782.78        0.53806
         259894.90    4026773.58        0.50464                    259915.85
```

4026764.37   0.47677
         259936.80   4026755.17   0.45369   259811.55
4026921.85   1.13584
         259811.95   4026945.21   1.21244   259812.35
4026968.57   1.32514
         259812.75   4026991.93   1.52083   259813.14
4027015.30   1.85737
         259769.13   4026879.05   1.29994   259785.07
4026838.48   0.86584

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PHASE4   , PHASE3A
, PHASE2A   , PHASE3B   , PHASE2B   ,
                PHASE1   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER   IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

```
4026773.24        0.52325
         259719.75    4026751.94        0.45671                   259728.11
4026730.63        0.40253
         259736.48    4026709.33        0.35766                   259765.80
4026678.83        0.31508
         259786.76    4026669.63        0.30932                   259807.71
4026660.42        0.30287
         259828.66    4026651.22        0.29645                   259849.62
4026642.02        0.28974
         259870.57    4026632.82        0.28262                   259891.53
4026623.61        0.27505
         259912.48    4026614.41        0.26787                   259933.43
4026605.21        0.26087
         259569.16    4026882.46        1.23243                   259585.09
4026841.89        0.74821
         259601.03    4026801.31        0.50517                   259616.97
4026760.74        0.37274
         259632.91    4026720.17        0.29373                   259648.85
4026679.59        0.23803
         259664.78    4026639.02        0.19691                   259692.71
4026609.97        0.18425
         259732.62    4026592.44        0.18848                   259772.53
4026574.91        0.19031
         259812.45    4026557.38        0.19014                   259852.36
4026539.85        0.18855
         259892.27    4026522.32        0.18557                   259485.81
4026841.80        0.39535
         259502.22    4026800.04        0.29005                   259518.63
4026758.27        0.22716
         259535.03    4026716.50        0.18809                   259543.24
4026695.62        0.17260
         259559.64    4026653.85        0.14696                   259576.05
4026612.08        0.12665
         259592.46    4026570.32        0.11147                   259621.20
4026540.41        0.10693
         259662.29    4026522.37        0.11248                   259703.37
4026504.32        0.11819
         259744.46    4026486.28        0.12281                   259785.55
4026468.23        0.12633
         259826.63    4026450.19        0.12854                   259867.72
4026432.14        0.12961
         259888.26    4026423.12        0.12979                   259377.95
4026863.56        0.20794
         259386.32    4026842.26        0.19086                   259394.69
4026820.95        0.17500
         259403.05    4026799.65        0.16117                   259411.42
4026778.35        0.14902
         259419.79    4026757.05        0.13808                   259428.16
4026735.75        0.12821
         259436.52    4026714.45        0.11943                   259444.89
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4026693.15   0.11201
         259453.26   4026671.84   0.10561   259461.63
4026650.54   0.09982
         259469.99   4026629.24   0.09465   259478.36
4026607.94   0.08976
         259486.73   4026586.64   0.08527   259495.10
4026565.34   0.08109
         259503.46   4026544.04   0.07723   259511.83
4026522.74   0.07368
         259520.20   4026501.43   0.07036   259549.52
4026470.93   0.06874
         259570.47   4026461.73   0.07022   259591.43
4026452.53   0.07184

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PHASE4   , PHASE3A
, PHASE2A   , PHASE3B   , PHASE2B   ,
                 PHASE1   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

4026323.69 0.09373
259905.74 4026314.49 0.09442 259926.69
4026305.28 0.09502
259361.62 4026929.52 0.27988 259362.01
4026952.88 0.32746
259362.41 4026976.24 0.38863 259362.81
4026999.61 0.48002
259363.21 4027022.97 0.66135 259269.72
4026886.25 0.13748
259278.21 4026864.64 0.13106 259286.70
4026843.03 0.12454
259295.19 4026821.42 0.11801 259303.67
4026799.81 0.11145
259312.16 4026778.20 0.10511 259320.65
4026756.59 0.09916
259329.14 4026734.98 0.09351 259337.63
4026713.37 0.08826
259346.12 4026691.76 0.08348 259354.61
4026670.15 0.07918
259363.10 4026648.54 0.07536 259371.58
4026626.93 0.07188
259380.07 4026605.32 0.06871 259388.56
4026583.71 0.06591
259397.05 4026562.10 0.06321 259405.54
4026540.49 0.06063
259414.03 4026518.88 0.05811 259422.52
4026497.27 0.05577
259431.00 4026475.66 0.05363 259439.49
4026454.05 0.05162
259447.98 4026432.44 0.04962 259477.73
4026401.50 0.04861
259498.99 4026392.16 0.04959 259520.24
4026382.83 0.05068
259541.50 4026373.49 0.05175 259562.76
4026364.15 0.05283
259584.02 4026354.82 0.05405 259605.27
4026345.48 0.05525
259626.53 4026336.15 0.05651 259647.79
4026326.81 0.05781
259669.05 4026317.47 0.05914 259690.31
4026308.14 0.06045
259711.56 4026298.80 0.06178 259732.82
4026289.47 0.06305
259754.08 4026280.13 0.06424 259775.34
4026270.79 0.06539
259796.59 4026261.46 0.06646 259817.85
4026252.12 0.06738
259839.11 4026242.79 0.06834 259860.37
4026233.45 0.06932
259881.62 4026224.11 0.07026 259902.88

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4026214.78        0.07105
         259924.14    4026205.44        0.07179                       259261.63
4026931.23        0.15723
         259262.03    4026954.59        0.17232                       259262.43
4026977.95        0.18946
         259262.83    4027001.31        0.20831                       259263.22
4027024.67        0.22867
         259263.62    4027048.03        0.25026                       259069.63
4026889.97        0.07639
         259078.00    4026868.67        0.07368                       259086.36
4026847.37        0.07143
         259094.73    4026826.07        0.06917                       259103.10
4026804.77        0.06690
         259111.47    4026783.47        0.06452                       259119.83
4026762.16        0.06237
         259128.20    4026740.86        0.06066                       259136.57
4026719.56        0.05888
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 362
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                 PHASE1      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         259144.93    4026698.26        0.05708                       259153.30
4026676.96        0.05502
         259161.67    4026655.66        0.05290                       259170.04
4026634.36        0.05073
         259178.40    4026613.06        0.04896                       259186.77
4026591.75        0.04724
         259195.14    4026570.45        0.04550                       259203.51
4026549.15        0.04403
         259211.87    4026527.85        0.04267                       259220.24
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4026506.55        0.04136
         259228.61    4026485.25        0.04015                    259236.98
4026463.95        0.03882
         259245.34    4026442.64        0.03754                    259253.71
4026421.34        0.03647
         259262.08    4026400.04        0.03533                    259270.45
4026378.74        0.03442
         259278.81    4026357.44        0.03370                    259287.18
4026336.14        0.03311
         259295.55    4026314.84        0.03235                    259303.91
4026293.54        0.03157
         259333.24    4026263.03        0.03095                    259354.19
4026253.83        0.03121
         259375.14    4026244.63        0.03138                    259396.10
4026235.42        0.03156
         259417.05    4026226.22        0.03178                    259438.01
4026217.02        0.03207
         259458.96    4026207.82        0.03239                    259479.91
4026198.61        0.03273
         259500.87    4026189.41        0.03310                    259521.82
4026180.21        0.03355
         259542.78    4026171.01        0.03406                    259563.73
4026161.80        0.03464
         259584.68    4026152.60        0.03522                    259605.64
4026143.40        0.03584
         259626.59    4026134.20        0.03645                    259647.55
4026124.99        0.03704
         259668.50    4026115.79        0.03760                    259689.45
4026106.59        0.03817
         259710.41    4026097.39        0.03874                    259731.36
4026088.18        0.03936
         259752.32    4026078.98        0.04001                    259773.27
4026069.78        0.04066
         259794.23    4026060.58        0.04129                    259815.18
4026051.37        0.04193
         259836.13    4026042.17        0.04259                    259857.09
4026032.97        0.04327
         259878.04    4026023.77        0.04395                    259899.00
4026014.56        0.04463
         259919.95    4026005.36        0.04529                    259061.66
4026934.64        0.08301
         259062.06    4026958.00        0.08714                    259062.46
4026981.36        0.09154
         259062.85    4027004.72        0.09604                    259063.25
4027028.08        0.10050
         259063.65    4027051.44        0.10483                    258869.81
4026892.99        0.05434
         258878.33    4026871.29        0.05323                    258886.86
4026849.60        0.05216
         258895.38    4026827.90        0.05094                    258903.90
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4026806.20        0.04958
         258912.42    4026784.51        0.04814                       258920.95
4026762.81        0.04671
         258929.47    4026741.12        0.04528                       258937.99
4026719.42        0.04392
         258946.51    4026697.73        0.04261                       258955.04
4026676.03        0.04141
         258963.56    4026654.33        0.04025                       258972.08
4026632.64        0.03912
         258980.60    4026610.94        0.03799                       258989.12
4026589.25        0.03686
         258997.65    4026567.55        0.03571                       259006.17
4026545.85        0.03462
         259014.69    4026524.16        0.03358                       259023.21
4026502.46        0.03260
         259031.74    4026480.77        0.03168                       259040.26
4026459.07        0.03082
         259048.78    4026437.38        0.03002                       259057.30
4026415.68        0.02927
         259065.83    4026393.98        0.02860                       259074.35
4026372.29        0.02794
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```
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                 PHASE1      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         259082.87    4026350.59        0.02731                       259091.39
4026328.90        0.02671
         259099.92    4026307.20        0.02618                       259108.44
4026285.51        0.02570
         259116.96    4026263.81        0.02525                       259125.48
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4026242.11        0.02478
         259134.00    4026220.42        0.02429                   259142.53
4026198.72        0.02385
         259151.05    4026177.03        0.02344                   259159.57
4026155.33        0.02310
         259189.44    4026124.26        0.02289                   259210.78
4026114.89        0.02301
         259232.12    4026105.52        0.02310                   259253.46
4026096.14        0.02318
         259274.80    4026086.77        0.02329                   259296.15
4026077.40        0.02340
         259317.49    4026068.02        0.02348                   259338.83
4026058.65        0.02358
         259360.17    4026049.28        0.02366                   259381.51
4026039.91        0.02374
         259402.86    4026030.53        0.02383                   259424.20
4026021.16        0.02392
         259445.54    4026011.79        0.02403                   259466.88
4026002.41        0.02416
         259488.22    4025993.04        0.02433                   259509.57
4025983.67        0.02454
         259530.91    4025974.29        0.02476                   259552.25
4025964.92        0.02499
         259573.59    4025955.55        0.02526                   259594.94
4025946.18        0.02555
         259616.28    4025936.80        0.02586                   259637.62
4025927.43        0.02616
         259658.96    4025918.06        0.02649                   259680.30
4025908.68        0.02683
         259701.65    4025899.31        0.02717                   259722.99
4025889.94        0.02753
         259744.33    4025880.56        0.02791                   259765.67
4025871.19        0.02833
         259787.01    4025861.82        0.02877                   259808.36
4025852.45        0.02923
         259829.70    4025843.07        0.02970                   259851.04
4025833.70        0.03017
         259872.38    4025824.33        0.03065                   259893.72
4025814.95        0.03113
         259915.07    4025805.58        0.03162                   258861.29
4026914.68        0.05516
         258861.69    4026938.04        0.05686                   258862.09
4026961.41        0.05874
         258862.48    4026984.77        0.06077                   258862.88
4027008.13        0.06265
         258863.28    4027031.49        0.06443                   258863.68
4027054.85        0.06612
         258669.75    4026896.63        0.04223                   258678.18
4026875.16        0.04171
         258686.62    4026853.69        0.04108                   258695.05
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4026789.29   0.03887
         258720.34   4026767.83   0.03802   258728.78
4026746.36   0.03720
         258737.21   4026724.89   0.03630   258745.64
4026703.43   0.03549
         258754.07   4026681.96   0.03466   258762.51
4026660.50   0.03381
         258770.94   4026639.03   0.03299   258779.37
4026617.56   0.03222
         258787.80   4026596.10   0.03150   258796.23
4026574.63   0.03071
         258804.67   4026553.16   0.02990   258813.10
4026531.70   0.02909
         258821.53   4026510.23   0.02826   258829.96
4026488.76   0.02746
         258838.40   4026467.30   0.02665   258846.83
4026445.83   0.02585
         258855.26   4026424.36   0.02511   258863.69
4026402.90   0.02443
         258872.13   4026381.43   0.02381   258880.56
4026359.97   0.02325
         258888.99   4026338.50   0.02269   258897.42
4026317.03   0.02219

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PHASE4   , PHASE3A
, PHASE2A   , PHASE3B   , PHASE2B   ,
                PHASE1   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
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- -
         258905.85   4026295.57   0.02173   258914.29

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4026274.10        0.02130
         258922.72    4026252.63        0.02089                    258931.15
4026231.17        0.02054
         258939.58    4026209.70        0.02022                    258948.02
4026188.23        0.01987
         258956.45    4026166.77        0.01957                    258964.88
4026145.30        0.01931
         258973.31    4026123.83        0.01911                    258981.74
4026102.37        0.01888
         258990.18    4026080.90        0.01862                    258998.61
4026059.44        0.01839
         259007.04    4026037.97        0.01819                    259015.47
4026016.50        0.01799
         259045.02    4025985.76        0.01798                    259066.14
4025976.49        0.01813
         259087.25    4025967.21        0.01826                    259108.37
4025957.94        0.01835
         259129.49    4025948.67        0.01845                    259150.60
4025939.39        0.01854
         259171.72    4025930.12        0.01862                    259192.84
4025920.84        0.01867
         259213.95    4025911.57        0.01871                    259235.07
4025902.30        0.01875
         259256.19    4025893.02        0.01878                    259277.30
4025883.75        0.01881
         259298.42    4025874.48        0.01884                    259319.54
4025865.20        0.01885
         259340.65    4025855.93        0.01886                    259361.77
4025846.65        0.01886
         259382.89    4025837.38        0.01887                    259404.00
4025828.11        0.01890
         259425.12    4025818.83        0.01892                    259446.23
4025809.56        0.01894
         259467.35    4025800.28        0.01896                    259488.47
4025791.01        0.01902
         259509.58    4025781.74        0.01908                    259530.70
4025772.46        0.01917
         259551.82    4025763.19        0.01928                    259572.93
4025753.91        0.01942
         259594.05    4025744.64        0.01958                    259615.17
4025735.37        0.01978
         259636.28    4025726.09        0.01998                    259657.40
4025716.82        0.02019
         259678.52    4025707.55        0.02042                    259699.63
4025698.27        0.02068
         259720.75    4025689.00        0.02096                    259741.87
4025679.72        0.02124
         259762.98    4025670.45        0.02153                    259784.10
4025661.18        0.02183
         259805.21    4025651.90        0.02213                    259826.33
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4025642.63        0.02243
         259847.45    4025633.35        0.02275                        259868.56
4025624.08        0.02310
         259889.68    4025614.81        0.02346                        259910.80
4025605.53        0.02379
         258661.32    4026918.09        0.04265                        258661.72
4026941.45        0.04356
         258662.12    4026964.82        0.04446                        258662.51
4026988.18        0.04535
         258662.91    4027011.54        0.04623                        258663.31
4027034.90        0.04715
         258663.71    4027058.26        0.04805                        258469.89
4026899.77        0.03411
         258478.42    4026878.03        0.03398                        258486.96
4026856.29        0.03376
         258495.50    4026834.56        0.03346                        258504.04
4026812.82        0.03308
         258512.58    4026791.09        0.03259                        258521.11
4026769.35        0.03205
         258529.65    4026747.61        0.03156                        258538.19
4026725.88        0.03113
         258546.73    4026704.14        0.03064                        258555.27
4026682.41        0.03008
         258563.81    4026660.67        0.02951                        258572.34
4026638.93        0.02894
         258580.88    4026617.20        0.02837                        258589.42
4026595.46        0.02779
         258597.96    4026573.73        0.02722                        258606.50
4026551.99        0.02665
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 365
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                PHASE1      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
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Y-COORD (M)        CONC
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4025696.80        0.01567
         259264.59    4025687.41        0.01568                       259285.97
4025678.02        0.01568
         259307.35    4025668.63        0.01567                       259328.73
4025659.24        0.01563
         259350.11    4025649.85        0.01557                       259371.50
4025640.46        0.01553
         259392.88    4025631.07        0.01551                       259414.26
4025621.68        0.01549
         259435.64    4025612.29        0.01549                       259457.02
4025602.90        0.01549
         259478.40    4025593.51        0.01549                       259499.79
4025584.12        0.01552
         259521.17    4025574.73        0.01555                       259542.55
4025565.34        0.01560
         259563.93    4025555.95        0.01566                       259585.31
4025546.55        0.01573
         259606.69    4025537.16        0.01584                       259628.08
4025527.77        0.01598
         259649.46    4025518.38        0.01613                       259670.84
4025508.99        0.01631
         259692.22    4025499.60        0.01650                       259713.60
4025490.21        0.01670
         259734.98    4025480.82        0.01693                       259756.37
4025471.43        0.01716
         259777.75    4025462.04        0.01740                       259799.13
4025452.65        0.01765
         259820.51    4025443.26        0.01789                       259841.89
4025433.87        0.01813
         259863.27    4025424.48        0.01838                       259884.66
4025415.09        0.01863
         259906.04    4025405.70        0.01889                       258461.35
4026921.50        0.03432
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 366
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                PHASE1      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
258461.75	4026944.86	0.03485	258462.14	4026968.23	0.03537
258462.54	4026991.59	0.03596	258462.94	4027014.95	0.03647
258463.34	4027038.31	0.03707	258463.74	4027061.67	0.03780
259934.28	4026786.78	0.51287	259843.61	4026789.17	0.57900
259775.62	4026790.96	0.62282	259910.29	4026737.40	0.43098
259796.97	4026740.38	0.45795	259774.30	4026740.98	0.45406
259751.64	4026741.57	0.44593	259930.33	4026636.84	0.29308
259794.33	4026640.42	0.27027	259771.67	4026641.01	0.26154
259749.00	4026641.61	0.25098	259950.36	4026536.27	0.20608
259927.70	4026536.87	0.20281	259791.70	4026540.45	0.16981
259769.04	4026541.05	0.16218	259746.37	4026541.64	0.15411
259947.73	4026436.31	0.14582	259925.07	4026436.90	0.14233
259789.07	4026440.48	0.11491	259766.41	4026441.08	0.10944
259743.74	4026441.68	0.10391	259945.10	4026336.34	0.10706
259922.43	4026336.94	0.10370	259786.44	4026340.52	0.08186
259763.77	4026341.12	0.07814	259741.11	4026341.71	0.07448
259939.84	4026136.41	0.06221	259917.17	4026137.01	0.06006
259894.50	4026137.61	0.05791	259871.84	4026138.20	0.05582
259849.17	4026138.80	0.05376	259826.51	4026139.40	0.05168
259803.84	4026139.99	0.04975	259781.18	4026140.59	0.04789
259758.51	4026141.19	0.04604	259735.85	4026141.78	0.04431
259934.57	4025936.48	0.04059	259911.91		

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4025937.08        0.03927
         259889.24    4025937.67        0.03800                       259866.58
4025938.27        0.03674
         259843.91    4025938.87        0.03553                       259821.24
4025939.46        0.03435
         259798.58    4025940.06        0.03322                       259775.91
4025940.66        0.03216
         259753.25    4025941.25        0.03116                       259730.58
4025941.85        0.03022
         259929.31    4025736.55        0.02907                       259906.64
4025737.15        0.02823
         259883.98    4025737.74        0.02742                       259861.31
4025738.34        0.02663
         259838.65    4025738.94        0.02585                       259815.98
4025739.53        0.02512
         259793.32    4025740.13        0.02443                       259770.65
4025740.73        0.02375
         259747.99    4025741.32        0.02310                       259725.32
4025741.92        0.02249
         259924.05    4025536.62        0.02222                       259901.38
4025537.22        0.02165
         259878.72    4025537.81        0.02110                       259856.05
4025538.41        0.02056
         259833.38    4025539.01        0.02007                       259810.72
4025539.60        0.01959
         259788.05    4025540.20        0.01911                       259765.39
4025540.80        0.01864
         259742.72    4025541.39        0.01819                       259720.06
4025541.99        0.01775
         260259.41    4027030.57        0.73103                       260258.91
4027007.71        0.73283
         260258.41    4026984.85        0.73085                       260257.92
4026961.98        0.72690
         260257.42    4026939.12        0.72162                       260256.92
4026916.26        0.71194
         260256.42    4026893.39        0.69735                       260359.39
4027028.40        0.41145
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 367
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                 PHASE1      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260358.89	4027005.53	0.41447	260358.39	4026982.67	0.41704
260357.89	4026959.81	0.41847	260357.39	4026936.94	0.41874
260356.90	4026914.08	0.41776	260356.40	4026891.22	0.41552
260459.36	4027026.22	0.26261	260458.87	4027003.35	0.26675
260458.37	4026980.49	0.27032	260457.87	4026957.63	0.27328
260457.37	4026934.76	0.27572	260456.87	4026911.90	0.27753
260456.37	4026889.04	0.27863	260659.32	4027021.86	0.12309
260658.82	4026998.99	0.12655	260658.32	4026976.13	0.13019
260657.82	4026953.27	0.13413	260657.32	4026930.40	0.13770
260656.82	4026907.54	0.14040	260656.33	4026884.68	0.14293
260859.27	4027017.50	0.06922	260858.77	4026994.64	0.07132
260858.27	4026971.77	0.07371	260857.77	4026948.91	0.07612
260857.28	4026926.05	0.07833	260856.78	4026903.18	0.08042
260856.28	4026880.32	0.08247	261059.22	4027013.14	0.04487
261058.72	4026990.28	0.04611	261058.22	4026967.42	0.04745
261057.73	4026944.55	0.04877	261057.23	4026921.69	0.05000
261056.73	4026898.83	0.05130	261056.23	4026875.96	0.05272
261259.17	4027008.78	0.03258	261258.68	4026985.92	0.03329
261258.18	4026963.06	0.03405	261257.68	4026940.19	0.03487
261257.18	4026917.33	0.03566	261256.68		

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4026894.47        0.03647
         261256.18    4026871.60        0.03730                       259796.13
4026879.73        1.09938
         259754.95    4026854.32        1.04513                       259754.15
4026829.33        0.83315
         259782.14    4026815.29        0.73434                       259810.93
4026826.23        0.75071
         259798.03    4026771.96        0.55014                       259766.16
4026710.47        0.37648
         259713.18    4026705.57        0.33403                       259863.07
4026697.95        0.37320
         259730.08    4026655.01        0.25850                       259763.58
4026610.76        0.22154
         259879.85    4026654.96        0.31115                       259977.30
4026719.03        0.38934
         259998.89    4026767.78        0.47734                       259760.72
4026510.93        0.14065
         259828.46    4026536.69        0.17904                       259879.27
4026556.01        0.20810
         259913.14    4026568.88        0.22509                       259757.73
4026411.06        0.09653
         259877.69    4026456.67        0.14341                       259911.97
4026469.70        0.15700
         260031.93    4026515.31        0.20163                       260066.20
4026528.34        0.21345
         260107.90    4026558.14        0.23786                       260137.61
4026625.19        0.29879
         260182.16    4026725.77        0.46329                       260197.01
4026759.29        0.54575
         260211.87    4026792.82        0.63469                       260226.72
4026826.34        0.70519
         260241.57    4026859.87        0.72368                       259754.68
4026311.16        0.07015
         259875.60    4026357.14        0.10234                       259910.15
4026370.27        0.11283
         260031.07    4026416.25        0.14998                       260065.62
4026429.38        0.16028
         260100.17    4026442.52        0.17034                       260134.71
4026455.65        0.18024
         260199.20    4026536.38        0.23219                       260214.18
4026570.17        0.25777
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                PAGE 368
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                            *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
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VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                 PHASE1      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         260229.15    4026603.97        0.28694                       260244.12
4026637.76        0.32033
         260259.09    4026671.55        0.35800                       260274.06
4026705.35        0.39537
         260289.03    4026739.14        0.42721                       260304.00
4026772.94        0.44695
         260318.97    4026806.73        0.45114                       260333.94
4026840.52        0.44278
         259751.01    4026211.03        0.05344                       259784.60
4026223.80        0.05883
         259868.57    4026255.73        0.07470                       259902.16
4026268.50        0.08212
         260036.52    4026319.58        0.11463                       260070.11
4026332.35        0.12300
         260103.69    4026345.12        0.13136                       260137.28
4026357.90        0.13958
         260170.87    4026370.67        0.14760                       260221.26
4026389.82        0.15912
         260252.61    4026429.06        0.17721                       260267.16
4026461.92        0.19290
         260281.71    4026494.77        0.20991                       260296.27
4026527.63        0.22829
         260310.82    4026560.48        0.24793                       260325.38
4026593.34        0.26820
         260339.93    4026626.19        0.28761                       260354.49
4026659.05        0.30442
         260369.04    4026691.90        0.31644                       260383.60
4026724.76        0.32193
         260398.15    4026757.62        0.32102                       260412.71
4026790.47        0.31477
         260427.26    4026823.33        0.30517                       260441.82
4026856.18        0.29309
         259715.72    4026205.24        0.04932                       259744.88
4026011.23        0.03475
         259778.98    4026024.19        0.03751                       259864.21
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4026056.60        0.04593
         259898.31    4026069.56        0.04993                     259932.40
4026082.52        0.05429
         259966.50    4026095.49        0.05898                     260000.59
4026108.45        0.06400
         260034.68    4026121.41        0.06931                     260068.78
4026134.38        0.07484
         260102.87    4026147.34        0.08054                     260136.97
4026160.30        0.08631
         260171.06    4026173.26        0.09213                     260222.20
4026192.71        0.10085
         260341.53    4026238.08        0.11872                     260383.01
4026267.72        0.12722
         260397.79    4026301.06        0.13598                     260412.56
4026334.41        0.14499
         260427.33    4026367.76        0.15410                     260442.11
4026401.11        0.16312
         260456.88    4026434.46        0.17185                     260471.65
4026467.81        0.17993
         260486.43    4026501.16        0.18692                     260501.20
4026534.51        0.19245
         260515.98    4026567.86        0.19600                     260530.75
4026601.21        0.19733
         260545.52    4026634.56        0.19633                     260560.30
4026667.91        0.19324
         260575.07    4026701.26        0.18827                     260589.84
4026734.61        0.18221
         260604.62    4026767.96        0.17493                     260619.39
4026801.30        0.16667
         260634.17    4026834.65        0.15762                     259709.35
4026005.34        0.03264
         259738.67    4025811.39        0.02505                     259773.09
4025824.48        0.02670
         259859.15    4025857.20        0.03168                     259893.58
4025870.29        0.03402
         259928.00    4025883.38        0.03656                     259962.42
4025896.47        0.03933
         259996.85    4025909.55        0.04236                     260031.27
4025922.64        0.04560
         260065.69    4025935.73        0.04905                     260100.12
4025948.82        0.05267
         260134.54    4025961.91        0.05635                     260168.96
4025974.99        0.06052
         260341.08    4026040.43        0.08078                     260375.50
4026053.52        0.08433
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): PHASE4 , PHASE3A , PHASE2A , PHASE3B , PHASE2B , PHASE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260409.93	4026066.61	0.08779	260444.35	4026079.70	0.09101
260478.78	4026092.79	0.09392	260520.66	4026122.71	0.09911
260535.57	4026156.38	0.10469	260550.49	4026190.05	0.11009
260565.41	4026223.72	0.11537	260580.32	4026257.40	0.12030
260595.24	4026291.07	0.12497	260610.16	4026324.74	0.12908
260625.07	4026358.41	0.13255	260639.99	4026392.08	0.13519
260654.91	4026425.75	0.13685	260669.82	4026459.43	0.13744
260684.74	4026493.10	0.13683	260699.66	4026526.77	0.13511
260714.57	4026560.44	0.13254	260729.49	4026594.11	0.12920
260744.40	4026627.78	0.12515	260759.32	4026661.45	0.12025
260774.24	4026695.13	0.11528	260789.15	4026728.80	0.10971
260804.07	4026762.47	0.10381	260818.99	4026796.14	0.09772
260833.90	4026829.81	0.09158	259702.97	4025805.44	0.02379
259732.09	4025611.42	0.01939	259766.12	4025624.36	0.02046
259851.18	4025656.70	0.02354	259885.21	4025669.63	0.02501
259919.23	4025682.57	0.02660	259953.26		

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4025695.51        0.02827
         259987.28    4025708.44        0.03010                    260021.31
4025721.38        0.03212
         260055.33    4025734.32        0.03428                    260089.36
4025747.25        0.03655
         260123.38    4025760.19        0.03901                    260157.41
4025773.13        0.04160
         260208.45    4025792.53        0.04574                    260344.55
4025844.28        0.05736
         260378.57    4025857.22        0.06015                    260412.60
4025870.15        0.06287
         260446.62    4025883.09        0.06549                    260480.65
4025896.02        0.06789
         260514.67    4025908.96        0.07005                    260548.70
4025921.90        0.07261
         260582.72    4025934.83        0.07479                    260616.75
4025947.77        0.07667
         260658.15    4025977.35        0.08011                    260672.89
4026010.63        0.08367
         260687.63    4026043.91        0.08713                    260702.38
4026077.19        0.09038
         260717.12    4026110.48        0.09340                    260731.86
4026143.76        0.09614
         260746.61    4026177.04        0.09855                    260761.35
4026210.32        0.10053
         260776.10    4026243.60        0.10208                    260790.84
4026276.89        0.10311
         260805.58    4026310.17        0.10350                    260820.33
4026343.45        0.10329
         260835.07    4026376.73        0.10246                    260849.82
4026410.01        0.10103
         260864.56    4026443.30        0.09905                    260879.30
4026476.58        0.09662
         260894.05    4026509.86        0.09372                    260908.79
4026543.14        0.09053
         260923.54    4026576.42        0.08721                    260938.28
4026609.71        0.08364
         260953.02    4026642.99        0.07985                    260967.77
4026676.27        0.07593
         260982.51    4026709.55        0.07200                    260997.26
4026742.83        0.06782
         261012.00    4026776.12        0.06368                    261026.74
4026809.40        0.05990
         261041.49    4026842.68        0.05622                    259696.59
4025605.54        0.01851
         259725.84    4025411.57        0.01569                    259760.11
4025424.60        0.01646
         259845.80    4025457.18        0.01864                    259880.07
4025470.21        0.01962
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PHASE4   , PHASE3A
, PHASE2A   , PHASE3B   , PHASE2B   ,
                PHASE1   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                               ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

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4025966.41        0.07564
         260870.03    4025999.93        0.07744                    260884.89
4026033.46        0.07899
         260899.74    4026066.98        0.08029                    260914.59
4026100.51        0.08128
         260929.44    4026134.04        0.08192                    260944.29
4026167.56        0.08216
         260959.14    4026201.09        0.08198                    260974.00
4026234.61        0.08144
         260988.85    4026268.14        0.08044                    261003.70
4026301.67        0.07911
         261018.55    4026335.19        0.07751                    261033.40
4026368.72        0.07558
         261048.26    4026402.24        0.07334                    261063.11
4026435.77        0.07091
         261077.96    4026469.29        0.06853                    261092.81
4026502.82        0.06599
         261107.66    4026536.35        0.06332                    261122.52
4026569.87        0.06057
         261137.37    4026603.40        0.05782                    261152.22
4026636.92        0.05501
         261167.07    4026670.45        0.05221                    261181.92
4026703.97        0.04943
         261196.78    4026737.50        0.04670                    261211.63
4026771.03        0.04412
         261226.48    4026804.55        0.04169                    261241.33
4026838.08        0.03942
         259690.21    4025405.64        0.01507                    259694.18
4026881.02        1.45521
         259644.51    4026882.10        1.43244                    259619.68
4026882.65        1.40501
         259643.97    4026857.11        1.03138                    259619.13
4026857.65        0.99781
         259569.47    4026858.74        0.87257                    259544.63
4026859.28        0.78393
         259519.80    4026859.82        0.67606                    259470.13
4026860.91        0.42936
         259445.30    4026861.45        0.33375                    259643.42
4026832.12        0.78081
         259618.59    4026832.66        0.74368                    259544.09
4026834.29        0.56275
         259519.25    4026834.83        0.48013                    259444.75
4026836.46        0.26382
         259667.71    4026806.58        0.63662                    259642.87
4026807.12        0.59913
         259568.37    4026808.75        0.47733                    259543.54
4026809.29        0.42068
         259469.04    4026810.92        0.25242                    259444.21
4026811.46        0.21582
         259691.45    4026756.05        0.44674                    259666.62
```

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PHASE4   , PHASE3A
, PHASE2A   , PHASE3B   , PHASE2B   ,
                 PHASE1   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

4026507.19 0.09832
259611.49 4026507.74 0.09196 259586.65
4026508.28 0.08601
259561.82 4026508.82 0.08057 259487.32
4026510.45 0.06656
259462.48 4026510.99 0.06284 259634.13
4026407.22 0.06992
259609.30 4026407.76 0.06558 259584.47
4026408.30 0.06183
259559.63 4026408.85 0.05853 259534.80
4026409.39 0.05563
259435.47 4026411.56 0.04630 259631.95
4026307.24 0.05322
259607.12 4026307.78 0.05065 259582.28
4026308.33 0.04823
259557.45 4026308.87 0.04601 259532.61
4026309.41 0.04399
259507.78 4026309.96 0.04215 259482.95
4026310.50 0.04051
259458.11 4026311.04 0.03906 259433.28
4026311.58 0.03778
259679.43 4026206.18 0.04622 259654.60
4026206.72 0.04422
259629.76 4026207.27 0.04228 259604.93
4026207.81 0.04049
259580.10 4026208.35 0.03880 259555.26
4026208.89 0.03720
259530.43 4026209.44 0.03579 259675.06
4026006.23 0.03112
259650.23 4026006.77 0.03008 259625.39
4026007.31 0.02909
259600.56 4026007.86 0.02819 259575.73
4026008.40 0.02736
259550.89 4026008.94 0.02658 259526.06
4026009.48 0.02586
259670.69 4025806.28 0.02296 259645.86
4025806.82 0.02233
259621.02 4025807.36 0.02173 259596.19
4025807.90 0.02119
259571.36 4025808.45 0.02070 259546.52
4025808.99 0.02026
259521.69 4025809.53 0.01988 259666.32
4025606.32 0.01795
259641.49 4025606.87 0.01753 259616.65
4025607.41 0.01715
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4025608.49 0.01651
259542.15 4025609.04 0.01625 259517.32
4025609.58 0.01603
259661.95 4025406.37 0.01471 259637.12

4025406.91   0.01442
         259612.29   4025407.46   0.01414   259587.45
4025408.00   0.01390
         259562.62   4025408.54   0.01371   259537.78
4025409.08   0.01354
         259512.95   4025409.63   0.01339   259488.12
4025410.17   0.01326

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PHASE4   , PHASE3A
, PHASE2A   , PHASE3B   , PHASE2B   ,
                PHASE1   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         259463.28   4025410.71   0.01315   259438.45
4025411.26   0.01306
         259413.62   4025411.80   0.01298   259422.19
4026953.67   0.70759
         259422.99   4026995.42   1.06936   259396.80
4026933.27   0.41003
         259397.59   4026975.02   0.59627   259398.39
4027016.78   1.11295
         259409.77   4026851.82   0.23434   259317.30
4026860.93   0.15125
         259331.22   4026825.36   0.13642   259355.67
4026799.88   0.13266
         259296.82   4026935.18   0.18935   259297.61
4026976.93   0.23108
         259298.41   4027018.68   0.28658   259354.57
4026749.90   0.10634
         259389.55   4026734.53   0.11124   259217.31
4026862.84   0.10553
         259231.23   4026827.26   0.09844   259245.15

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4026791.69        0.09149
         259259.07    4026756.11        0.08461                   259283.52
4026730.64        0.08245
         259370.97    4026692.23        0.08902                   259405.95
4026676.86        0.09250
         259196.83    4026937.09        0.12380                   259197.63
4026978.84        0.14069
         259198.43    4027020.59        0.15919                   259169.22
4026858.94        0.09070
         259184.41    4026820.13        0.08479                   259199.59
4026781.32        0.07904
         259214.78    4026742.51        0.07330                   259249.04
4026695.31        0.06855
         259287.20    4026678.55        0.07033                   259325.36
4026661.79        0.07234
         259401.68    4026628.27        0.07770                   259146.84
4026938.04        0.10519
         259147.64    4026979.79        0.11733                   259148.44
4027021.55        0.13048
         259213.78    4026609.86        0.05108                   259251.10
4026593.47        0.05154
         259288.41    4026577.09        0.05278                   259325.72
4026560.70        0.05497
         259363.03    4026544.31        0.05653                   258968.46
4026864.80        0.06005
         258983.11    4026827.35        0.05668                   258997.76
4026789.90        0.05343
         259012.42    4026752.45        0.05095                   259027.07
4026715.00        0.04868
         259041.72    4026677.55        0.04621                   259056.37
4026640.10        0.04363
         259071.02    4026602.65        0.04120                   259104.09
4026557.11        0.03931
         259140.91    4026540.94        0.03996                   259177.73
4026524.76        0.04057
         259251.37    4026492.42        0.04170                   259288.19
4026476.25        0.04201
         259325.01    4026460.08        0.04292                   259361.83
4026443.90        0.04435
         259398.65    4026427.73        0.04535                   258946.88
4026941.86        0.06627
         258947.68    4026983.61        0.07099                   258948.47
4027025.36        0.07563
         259070.77    4026470.81        0.03244                   259108.93
4026454.05        0.03293
         259147.09    4026437.29        0.03348                   259185.25
4026420.53        0.03394
         259223.41    4026403.76        0.03414                   259299.72
4026370.24        0.03536
         259337.88    4026353.48        0.03610                   259376.04
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4026336.72        0.03678
         258754.01    4026905.64        0.04719                       258769.00
4026867.32        0.04586
         258783.99    4026829.01        0.04438                       258798.98
4026790.69        0.04273
         258813.97    4026752.38        0.04082                       258828.96
4026714.06        0.03884
         258843.95    4026675.75        0.03701                       258858.94
4026637.43        0.03528
         258873.93    4026599.12        0.03375                       258888.92
4026560.80        0.03210
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 373
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                  INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                PHASE1      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         258903.91    4026522.49        0.03044                       258918.90
4026484.17        0.02887
         258933.90    4026445.86        0.02744                       258960.23
4026418.42        0.02682
         258997.89    4026401.88        0.02702                       259035.56
4026385.33        0.02739
         259110.90    4026352.24        0.02818                       259148.57
4026335.70        0.02860
         259186.24    4026319.15        0.02905                       259223.91
4026302.61        0.02948
         259261.58    4026286.06        0.02990                       259299.25
4026269.52        0.03027
         258746.92    4026945.67        0.04877                       258747.71
4026987.42        0.05079
         258748.51    4027029.18        0.05293                       258554.15
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4026909.20        0.03749
         258569.33    4026870.39        0.03696                    258584.52
4026831.58        0.03605
         258599.70    4026792.76        0.03517                    258614.89
4026753.95        0.03419
         258630.07    4026715.14        0.03291                    258645.26
4026676.33        0.03174
         258660.44    4026637.51        0.03052                    258675.63
4026598.70        0.02932
         258690.81    4026559.89        0.02814                    258706.00
4026521.08        0.02695
         258721.18    4026482.26        0.02572                    258736.36
4026443.45        0.02447
         258751.55    4026404.64        0.02327                    258766.73
4026365.83        0.02210
         258781.92    4026327.01        0.02099                    258816.18
4026279.82        0.02003
         258854.34    4026263.06        0.02007                    258892.50
4026246.30        0.02024
         258968.82    4026212.78        0.02075                    259006.98
4026196.02        0.02103
         259045.14    4026179.26        0.02138                    259083.30
4026162.50        0.02176
         259121.45    4026145.74        0.02214                    259159.61
4026128.98        0.02247
         258546.95    4026949.49        0.03823                    258547.75
4026991.24        0.03948
         258548.55    4027032.99        0.04065                    258354.06
4026913.33        0.03117
         258369.00    4026875.15        0.03076                    258383.94
4026836.97        0.03010
         258398.87    4026798.79        0.02981                    258413.81
4026760.61        0.02935
         258428.75    4026722.43        0.02862                    258443.69
4026684.24        0.02789
         258458.63    4026646.06        0.02711                    258473.56
4026607.88        0.02633
         258488.50    4026569.70        0.02550                    258503.44
4026531.52        0.02472
         258518.38    4026493.34        0.02395                    258533.31
4026455.15        0.02308
         258548.25    4026416.97        0.02220                    258563.19
4026378.79        0.02125
         258578.13    4026340.61        0.02032                    258593.07
4026302.43        0.01935
         258608.00    4026264.25        0.01837                    258622.94
4026226.07        0.01751
         258637.88    4026187.88        0.01672                    258671.59
4026141.46        0.01593
         258709.13    4026124.97        0.01586                    258746.66
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4026108.48        0.01589
         258821.74    4026075.51        0.01617                       258859.28
4026059.02        0.01640
         258896.82    4026042.53        0.01669                       258934.36
4026026.04        0.01697
         258971.90    4026009.56        0.01728                       259009.43
4025993.07        0.01758
         258346.99    4026953.30        0.03170                       258347.79
4026995.05        0.03252
         258348.58    4027036.81        0.03338                       258154.17
4026916.97        0.02672
         258169.25    4026878.43        0.02657                       258184.33
4026839.88        0.02622
         258199.40    4026801.34        0.02575                       258214.48
4026762.80        0.02528
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 374
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                PHASE1      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         258229.56    4026724.25        0.02485                       258244.64
4026685.71        0.02432
         258259.72    4026647.17        0.02387                       258274.80
4026608.62        0.02339
         258289.88    4026570.08        0.02290                       258304.96
4026531.54        0.02236
         258320.04    4026492.99        0.02187                       258335.12
4026454.45        0.02134
         258350.20    4026415.91        0.02077                       258365.28
4026377.36        0.02014
         258380.36    4026338.82        0.01949                       258395.44
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         258410.52    4026261.73        0.01798                    258425.60
4026223.19        0.01721
         258440.68    4026184.65        0.01638                    258455.76
4026146.11        0.01562
         258470.83    4026107.56        0.01490                    258485.91
4026069.02        0.01421
         258500.99    4026030.48        0.01360                    258527.48
4026002.88        0.01321
         258565.37    4025986.24        0.01307                    258603.27
4025969.59        0.01305
         258641.16    4025952.95        0.01311                    258679.06
4025936.31        0.01324
         258716.95    4025919.66        0.01338                    258754.84
4025903.02        0.01357
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         258147.82    4026998.87        0.02804                    258148.62
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         257954.26    4026920.65        0.02409                    257969.44
4026881.84        0.02376
         257984.63    4026843.02        0.02339                    257999.81
4026804.21        0.02301
         258014.99    4026765.40        0.02253                    258030.18
4026726.59        0.02207
         258045.36    4026687.77        0.02159                    258060.55
4026648.96        0.02120
         258075.73    4026610.15        0.02085                    258090.92
4026571.33        0.02045
         258106.10    4026532.52        0.02009                    258121.29
4026493.71        0.01979
         258136.47    4026454.90        0.01949                    258151.66
4026416.08        0.01918
         258166.84    4026377.27        0.01882                    258182.03
4026338.46        0.01842
         258197.21    4026299.65        0.01797                    258212.40
4026260.83        0.01744
         258227.58    4026222.02        0.01685                    258242.77
4026183.21        0.01628
         258257.95    4026144.40        0.01561                    258273.14
4026105.58        0.01496
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4026027.96        0.01358
         258318.69    4025989.14        0.01298                    258333.88
4025950.33        0.01240
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4025864.33        0.01131
         258421.49    4025847.57        0.01117                    258459.64
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4025830.81   0.01110
         258497.80   4025814.05   0.01108   258535.96
4025797.28   0.01113
         258574.12   4025780.52   0.01124   258612.28
4025763.76   0.01139
         258650.44   4025747.00   0.01157   258688.60
4025730.24   0.01179
         258726.76   4025713.48   0.01205   258764.92
4025696.72   0.01229
         258803.07   4025679.96   0.01253   258841.23
4025663.20   0.01277
         258879.39   4025646.44   0.01297   258917.55
4025629.68   0.01311
         258955.71   4025612.92   0.01323   258993.87
4025596.16   0.01332
         259032.03   4025579.40   0.01337   259070.19
4025562.64   0.01340
         259108.35   4025545.88   0.01338   259146.50
4025529.12   0.01337

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                             *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   PHASE4   , PHASE3A , PHASE2A   , PHASE3B   , PHASE2B   ,
                PHASE1   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                ** CONC OF OTHER   IN MICROGRAMS/M**3
                **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

4027002.69 0.02504
259948.65 4027044.44 0.02549 259440.80
4026786.83 0.17953
259379.45 4026788.79 0.13729 259436.01
4026636.90 0.08777
259432.81 4026536.95 0.06355 259426.43
4026337.06 0.03931
259420.04 4026137.16 0.02787 259379.14
4026138.47 0.02695
259413.66 4025937.26 0.02142 259372.76
4025938.57 0.02092
259407.27 4025737.36 0.01722 259366.37
4025738.67 0.01695
259400.88 4025537.46 0.01432 259359.98
4025538.77 0.01417
259359.62 4026838.10 0.16318 259400.71
4026338.79 0.03810
259330.90 4027040.02 0.46858 259334.08
4027080.58 0.64712
259338.10 4026995.92 0.35156 259305.97
4027041.98 0.34879
259309.16 4027082.54 0.43963 259338.57
4026970.92 0.30030
259282.64 4027064.21 0.30891 259285.83
4027104.77 0.36330
259320.38 4026953.78 0.23906 259259.31
4027086.45 0.27492
259219.74 4027011.60 0.17150 259233.19
4026973.40 0.16115
259206.28 4027049.81 0.17897 259209.47
4027090.37 0.20160
259176.62 4026996.42 0.13617 259156.43
4027053.73 0.14483
259159.62 4027094.29 0.15976 259113.32
4027038.54 0.11969
259126.77 4027000.33 0.11500 259192.54
4026858.76 0.09675
259267.22 4026827.36 0.10997 259108.18
4027077.92 0.12673
259111.37 4027118.48 0.13728 259090.38
4026966.04 0.09549
259103.84 4026927.84 0.09084 259117.29
4026889.63 0.08556
259130.75 4026851.43 0.08013 259156.15
4026824.47 0.07976
259212.16 4026800.92 0.08628 259268.17
4026777.37 0.09279
259058.33 4027081.84 0.10856 259061.52
4027122.40 0.11665
258963.78 4027050.29 0.08088 258977.23

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4027012.08        0.07895
         258990.69    4026973.88        0.07621                       259004.15
4026935.67        0.07293
         259031.06    4026859.26        0.06548                       259044.51
4026821.05        0.06162
         259057.97    4026782.85        0.05800                       259083.37
4026755.89        0.05742
         259176.72    4026716.64        0.06333                       259214.06
4026700.94        0.06515
         258958.64    4027089.67        0.08429                       258961.83
4027130.23        0.08939
         258884.27    4027000.81        0.06453                       258897.72
4026962.61        0.06271
         258911.18    4026924.40        0.06062                       258924.64
4026886.19        0.05841
         258938.09    4026847.99        0.05590                       258951.55
4026809.78        0.05282
         258965.01    4026771.58        0.04985                       258978.46
4026733.37        0.04718
         259010.59    4026687.32        0.04518                       259066.60
4026663.76        0.04656
         259103.94    4026648.06        0.04761                       259141.27
4026632.36        0.04850
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 376
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                 PHASE1      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         258857.36    4027077.22        0.06692                       258860.54
4027117.78        0.07023
         258764.39    4027065.95        0.05618                       258777.85
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4027027.75        0.05527
         258791.30    4026989.54        0.05437                    258804.76
4026951.34        0.05326
         258818.22    4026913.13        0.05188                    258831.67
4026874.92        0.05026
         258845.13    4026836.72        0.04843                    258858.59
4026798.51        0.04631
         258872.04    4026760.31        0.04397                    258885.50
4026722.10        0.04169
         258898.95    4026683.90        0.03967                    258912.41
4026645.69        0.03771
         258937.81    4026618.74        0.03693                    259012.49
4026587.33        0.03749
         259049.83    4026571.63        0.03783                    258759.26
4027105.34        0.05773
         258762.44    4027145.90        0.06005                    258684.88
4027016.48        0.04785
         258698.34    4026978.27        0.04716                    258711.80
4026940.07        0.04633
         258725.25    4026901.86        0.04531                    258738.71
4026863.65        0.04404
         258752.16    4026825.45        0.04260                    258765.62
4026787.24        0.04097
         258779.08    4026749.04        0.03925                    258792.53
4026710.83        0.03742
         258805.99    4026672.63        0.03567                    258819.45
4026634.42        0.03404
         258832.90    4026596.21        0.03255                    258865.03
4026550.16        0.03099
         258939.71    4026518.75        0.03110                    258977.05
4026503.05        0.03126
         258657.97    4027092.89        0.04899                    258661.16
4027133.45        0.05084
         258465.31    4027089.45        0.03885                    258485.50
4027032.14        0.03776
         258498.95    4026993.94        0.03733                    258512.41
4026955.73        0.03689
         258525.87    4026917.52        0.03652                    258539.32
4026879.32        0.03597
         258552.78    4026841.11        0.03530                    258566.24
4026802.91        0.03440
         258579.69    4026764.70        0.03353                    258593.15
4026726.50        0.03250
         258606.60    4026688.29        0.03138                    258620.06
4026650.09        0.03023
         258633.52    4026611.88        0.02904                    258646.97
4026573.67        0.02793
         258660.43    4026535.47        0.02678                    258673.89
4026497.26        0.02569
         258687.34    4026459.06        0.02454                    258719.47
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4026413.00        0.02329
         258775.48    4026389.45        0.02297                       258812.82
4026373.75        0.02282
         258850.15    4026358.04        0.02275                       258924.83
4026326.64        0.02294
         258962.17    4026310.94        0.02315                       258999.51
4026295.24        0.02346
         259036.85    4026279.54        0.02382                       259074.19
4026263.84        0.02422
         259167.54    4026224.58        0.02518                       259204.87
4026208.88        0.02552
         259242.21    4026193.18        0.02586                       259279.55
4026177.48        0.02605
         259316.89    4026161.77        0.02628                       259354.23
4026146.07        0.02668
         258460.18    4027128.83        0.03984                       258463.36
4027169.39        0.04111
         258265.93    4027105.12        0.03275                       258279.38
4027066.91        0.03223
         258292.84    4027028.70        0.03178                       258306.30
4026990.50        0.03134
         258319.75    4026952.29        0.03093                       258339.94
4026894.98        0.03046
         258353.39    4026856.78        0.02998                       258366.85
4026818.57        0.02940
         258380.31    4026780.37        0.02903                       258393.76
4026742.16        0.02843
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 377
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                PHASE1      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4026433.08        0.02075
         258322.21    4026394.87        0.02020                       258335.67
4026356.67        0.01960
         258349.12    4026318.46        0.01896                       258362.58
4026280.26        0.01827
         258376.04    4026242.05        0.01752                       258389.49
4026203.84        0.01678
         258402.95    4026165.64        0.01602                       258428.35
4026138.69        0.01548
         258503.02    4026107.28        0.01490                       258540.36
4026091.58        0.01462
         258577.70    4026075.88        0.01441                       258615.04
4026060.18        0.01428
         258652.38    4026044.48        0.01426                       258689.72
4026028.77        0.01431
         258727.06    4026013.07        0.01445                       258764.40
4025997.37        0.01461
         258801.74    4025981.67        0.01479                       258876.41
4025950.27        0.01531
         258913.75    4025934.56        0.01561                       258951.09
4025918.86        0.01593
         258988.43    4025903.16        0.01623                       259025.77
4025887.46        0.01647
         259063.11    4025871.76        0.01666                       259100.45
4025856.06        0.01681
         259137.79    4025840.35        0.01691                       259175.13
4025824.65        0.01695
         259212.47    4025808.95        0.01703                       259249.80
4025793.25        0.01707
         259287.14    4025777.55        0.01708                       259324.48
4025761.85        0.01705
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 378
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                PHASE1      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                               ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
258061.41	4027160.16	0.02904	258064.59	4027200.72	0.02964
257867.16	4027136.45	0.02513	257880.61	4027098.24	0.02495
257894.07	4027060.03	0.02486	257907.53	4027021.83	0.02469
257920.98	4026983.62	0.02445	258008.45	4026735.29	0.02200
258021.90	4026697.08	0.02153	258035.36	4026658.87	0.02107
258048.82	4026620.67	0.02069	258062.27	4026582.46	0.02031
258075.73	4026544.26	0.01995	258089.19	4026506.05	0.01963
258102.64	4026467.85	0.01932	258116.10	4026429.64	0.01901
258129.55	4026391.44	0.01870	258143.01	4026353.23	0.01835
258156.47	4026315.02	0.01797	258169.92	4026276.82	0.01752
258183.38	4026238.61	0.01697	258196.84	4026200.41	0.01643
258210.29	4026162.20	0.01590	258223.75	4026124.00	0.01528
258237.20	4026085.79	0.01465	258250.66	4026047.58	0.01401
258282.79	4026001.53	0.01322	258338.79	4025977.98	0.01279
258376.13	4025962.27	0.01252	258413.47	4025946.57	0.01231
258450.81	4025930.87	0.01212	258488.15	4025915.17	0.01200
258525.49	4025899.47	0.01196	258562.83	4025883.77	0.01198
258600.17	4025868.06	0.01207	258637.51	4025852.36	0.01219
258674.85	4025836.66	0.01235	258712.18	4025820.96	0.01255
258749.52	4025805.26	0.01278	258786.86	4025789.56	0.01303
258824.20	4025773.85	0.01334	258861.54	4025758.15	0.01361
258898.88	4025742.45	0.01384	258936.22	4025726.75	0.01405
258973.56	4025711.05	0.01419	259010.90		

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4025695.35        0.01431
         259048.24    4025679.64        0.01440                        259085.57
4025663.94        0.01445
         259122.91    4025648.24        0.01449                        259160.25
4025632.54        0.01451
         259197.59    4025616.84        0.01453                        259234.93
4025601.14        0.01447
         259272.27    4025585.44        0.01440                        259309.61
4025569.73        0.01437
         257862.02    4027175.83        0.02571                        257865.21
4027216.39        0.02620
         259335.94    4027123.45        0.74820                        259336.28
4027147.64        0.77908
         259336.62    4027171.84        0.80233                        259336.96
4027196.03        0.80088
         259337.30    4027220.23        0.81154                        259337.64
4027244.43        0.81952
         259337.98    4027268.62        0.83026                        259310.94
4027123.80        0.50494
         259311.28    4027147.99        0.52872                        259311.62
4027172.19        0.54661
         259311.96    4027196.39        0.56353                        259312.30
4027220.58        0.57629
         259312.64    4027244.78        0.58448                        259312.98
4027268.97        0.59185
         259286.29    4027148.35        0.39935                        259286.63
4027172.54        0.41592
         259286.97    4027196.74        0.43084                        259287.31
4027220.93        0.44216
         259287.65    4027245.13        0.45101                        259287.99
4027269.32        0.45735
         259260.95    4027124.50        0.30583                        259261.29
4027148.70        0.32085
         259261.63    4027172.89        0.33436                        259261.97
4027197.09        0.34656
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 379
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                PHASE1      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
```

***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
259262.31	4027221.28	0.35660	259262.65	4027245.48	0.36434
259262.99	4027269.68	0.36994	259210.95	4027125.20	0.21904
259211.29	4027149.40	0.22919	259211.63	4027173.59	0.23835
259211.97	4027197.79	0.24684	259212.31	4027221.99	0.25408
259212.65	4027246.18	0.26006	259212.99	4027270.38	0.26487
259160.96	4027125.91	0.17029	259161.30	4027150.10	0.17754
259161.64	4027174.30	0.18424	259161.98	4027198.49	0.19015
259162.32	4027222.69	0.19532	259162.66	4027246.88	0.19963
259163.00	4027271.08	0.20335	259111.30	4027150.80	0.14405
259111.64	4027175.00	0.14915	259111.98	4027199.20	0.15375
259112.32	4027223.39	0.15759	259112.66	4027247.59	0.16089
259113.00	4027271.78	0.16365	259061.31	4027151.51	0.12132
259061.65	4027175.70	0.12509	259061.99	4027199.90	0.12843
259062.33	4027224.09	0.13137	259062.67	4027248.29	0.13390
259063.01	4027272.49	0.13603	258961.32	4027152.91	0.09150
258961.66	4027177.11	0.09371	258962.00	4027201.30	0.09580
258962.34	4027225.50	0.09772	258962.68	4027249.69	0.09954
258963.02	4027273.89	0.10083	258861.33	4027154.32	0.07286
258861.67	4027178.51	0.07437	258862.01	4027202.71	0.07591
258862.35	4027226.90	0.07731	258862.69	4027251.10	0.07864
258863.03	4027275.30	0.07990	258761.68		

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4027179.92        0.06160
         258762.02    4027204.11        0.06285                        258762.36
4027228.31        0.06403
         258762.70    4027252.50        0.06513                        258763.04
4027276.70        0.06625
         258661.35    4027157.13        0.05184                        258661.69
4027181.32        0.05288
         258662.03    4027205.52        0.05391                        258662.37
4027229.71        0.05491
         258662.71    4027253.91        0.05584                        258663.05
4027278.11        0.05672
         258462.05    4027208.33        0.04197                        258462.39
4027232.52        0.04255
         258462.73    4027256.72        0.04327                        258463.07
4027280.92        0.04398
         258262.07    4027211.14        0.03481                        258262.41
4027235.33        0.03524
         258262.75    4027259.53        0.03563                        258263.09
4027283.73        0.03621
         258062.43    4027238.14        0.03009                        258062.77
4027262.34        0.03026
         258063.11    4027286.54        0.03039                        257862.45
4027240.95        0.02635
         257862.79    4027265.15        0.02654                        257863.13
4027289.35        0.02664
         259338.18    4027292.34        0.85051                        259338.38
4027316.19        0.86736
         259338.58    4027340.05        0.85759                        259313.18
4027292.55        0.60012
         259313.38    4027316.40        0.60432                        259313.58
4027340.26        0.58993
         259288.18    4027292.76        0.46044                        259288.38
4027316.61        0.46403
         259288.58    4027340.47        0.46307                        259263.18
4027292.96        0.37317
         259263.38    4027316.82        0.37571                        259263.58
4027340.68        0.37792
         259213.19    4027293.38        0.26825                        259213.39
4027317.24        0.27071
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 380
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL        ***
                                    INCLUDING SOURCE(S):     PHASE4      , PHASE3A
```

, PHASE2A , PHASE3B , PHASE2B ,
PHASE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
259213.59	4027341.10	0.27198	259163.19	4027293.80	0.20627
259163.39	4027317.66	0.20850	259163.59	4027341.52	0.20818
259113.19	4027294.22	0.16566	259113.39	4027318.08	0.16733
259113.59	4027341.94	0.16867	259063.39	4027318.50	0.13893
259063.59	4027342.35	0.14018	258963.39	4027319.34	0.10252
258963.59	4027343.19	0.10342	258863.40	4027320.17	0.08175
258863.60	4027344.03	0.08243	258763.40	4027321.01	0.06795
258763.60	4027344.87	0.06862	258663.40	4027321.85	0.05803
258663.60	4027345.71	0.05859	258463.41	4027323.53	0.04495
258463.61	4027347.38	0.04526	258263.42	4027325.20	0.03674
258263.62	4027349.06	0.03693	258063.43	4027326.88	0.03065
258063.63	4027350.74	0.03072	257863.43	4027328.56	0.02666
257863.63	4027352.41	0.02673	259339.22	4027365.21	0.85413
259339.86	4027389.95	0.84937	259340.50	4027414.68	0.83448
259341.13	4027439.41	0.81357	259341.77	4027464.14	0.78059
259342.40	4027488.87	0.72246	259343.04	4027513.60	0.63170
259343.68	4027538.33	0.52749	259344.31	4027563.06	0.44499
259344.95	4027587.80	0.38354	259345.58	4027612.53	0.33764
259346.22	4027637.26	0.30394	259346.86		

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4027661.99        0.27868
         259347.49    4027686.72        0.25907                        259348.13
4027711.45        0.24150
         259314.23    4027365.86        0.58254                        259314.87
4027390.59        0.58260
         259315.50    4027415.32        0.58105                        259316.14
4027440.05        0.56903
         259316.78    4027464.78        0.54783                        259317.41
4027489.51        0.51447
         259318.05    4027514.24        0.46965                        259318.68
4027538.98        0.42127
         259319.32    4027563.71        0.37604                        259319.96
4027588.44        0.33781
         259320.59    4027613.17        0.30629                        259321.23
4027637.90        0.27893
         259321.86    4027662.63        0.25753                        259322.50
4027687.36        0.24092
         259323.14    4027712.10        0.22552                        259289.24
4027366.50        0.45555
         259289.88    4027391.23        0.45279                        259290.51
4027415.96        0.45083
         259291.15    4027440.69        0.44351                        259291.78
4027465.42        0.42658
         259292.42    4027490.16        0.40505                        259293.06
4027514.89        0.37717
         259293.69    4027539.62        0.34935                        259294.33
4027564.35        0.32372
         259294.96    4027589.08        0.29804                        259295.60
4027613.81        0.27531
         259296.24    4027638.54        0.25417                        259296.87
4027663.28        0.23655
         259297.51    4027688.01        0.22231                        259298.14
4027712.74        0.21017
         259264.25    4027367.14        0.37584                        259264.89
4027391.87        0.37372
         259265.52    4027416.60        0.37007                        259266.16
4027441.34        0.36345
         259266.79    4027466.07        0.35192                        259267.43
4027490.80        0.33627
         259268.07    4027515.53        0.31751                        259268.70
4027540.26        0.29898
         259269.34    4027564.99        0.28112                        259269.97
4027589.72        0.26324
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                        ***        18:20:08

                                  PAGE 381
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): PHASE4 , PHASE3A , PHASE2A , PHASE3B , PHASE2B , PHASE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
259270.61	4027614.46	0.24667	259271.25	4027639.19	0.23117
259271.88	4027663.92	0.21737	259272.52	4027688.65	0.20540
259273.15	4027713.38	0.19501	259214.27	4027368.43	0.27245
259214.90	4027393.16	0.27127	259215.54	4027417.89	0.26852
259216.17	4027442.62	0.26425	259216.81	4027467.35	0.25943
259217.45	4027492.08	0.25189	259218.08	4027516.82	0.24279
259218.72	4027541.55	0.23187	259219.35	4027566.28	0.22027
259219.99	4027591.01	0.20911	259220.63	4027615.74	0.20054
259221.26	4027640.47	0.19179	259221.90	4027665.20	0.18343
259222.53	4027689.93	0.17564	259223.17	4027714.67	0.16872
259164.28	4027369.71	0.20870	259164.92	4027394.44	0.20906
259165.55	4027419.18	0.20821	259166.19	4027443.91	0.20584
259166.83	4027468.64	0.20303	259167.46	4027493.37	0.19867
259168.10	4027518.10	0.19281	259168.73	4027542.83	0.18714
259169.37	4027567.56	0.18118	259170.01	4027592.29	0.17426
259170.64	4027617.03	0.16909	259171.28	4027641.76	0.16381
259171.91	4027666.49	0.15817	259172.55		

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4027691.22        0.15260
         259173.19    4027715.95        0.14729                     259114.30
4027371.00        0.16960
         259114.93    4027395.73        0.16920                     259115.57
4027420.46        0.16812
         259116.21    4027445.19        0.16675                     259116.84
4027469.92        0.16525
         259117.48    4027494.65        0.16290                     259118.11
4027519.39        0.16078
         259118.75    4027544.12        0.15839                     259119.39
4027568.85        0.15503
         259120.02    4027593.58        0.15057                     259120.66
4027618.31        0.14630
         259121.29    4027643.04        0.14222                     259121.93
4027667.77        0.13812
         259122.57    4027692.51        0.13384                     259123.20
4027717.24        0.12964
         259064.32    4027372.28        0.14137                     259064.95
4027397.02        0.14133
         259065.59    4027421.75        0.14055                     259066.22
4027446.48        0.13991
         259066.86    4027471.21        0.13946                     259067.50
4027495.94        0.13932
         259068.13    4027520.67        0.13815                     259068.77
4027545.40        0.13619
         259069.40    4027570.13        0.13359                     259070.04
4027594.87        0.13064
         259070.68    4027619.60        0.12793                     259071.31
4027644.33        0.12488
         259071.95    4027669.06        0.12171                     259072.58
4027693.79        0.11840
         259073.22    4027718.52        0.11527                     258964.35
4027374.85        0.10435
         258964.98    4027399.59        0.10468                     258965.62
4027424.32        0.10521
         258966.26    4027449.05        0.10588                     258966.89
4027473.78        0.10596
         258967.53    4027498.51        0.10568                     258968.16
4027523.24        0.10515
         258968.80    4027547.97        0.10431                     258969.44
4027572.71        0.10318
         258970.07    4027597.44        0.10172                     258970.71
4027622.17        0.10013
         258971.34    4027646.90        0.09863                     258971.98
4027671.63        0.09733
         258972.62    4027696.36        0.09587                     258973.25
4027721.09        0.09421
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): PHASE4 , PHASE3A , PHASE2A , PHASE3B , PHASE2B , PHASE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
258864.38	4027377.43	0.08315	258865.02	4027402.16	0.08354
258865.65	4027426.89	0.08391	258866.29	4027451.62	0.08409
258866.93	4027476.35	0.08409	258867.56	4027501.08	0.08412
258868.20	4027525.81	0.08368	258868.83	4027550.54	0.08345
258869.47	4027575.28	0.08313	258870.11	4027600.01	0.08254
258870.74	4027624.74	0.08184	258871.38	4027649.47	0.08110
258872.01	4027674.20	0.08024	258872.65	4027698.93	0.07940
258873.29	4027723.66	0.07841	258764.41	4027380.00	0.06947
258765.05	4027404.73	0.06986	258765.69	4027429.46	0.07012
258766.32	4027454.19	0.07026	258766.96	4027478.92	0.07024
258767.59	4027503.65	0.07005	258768.23	4027528.38	0.06991
258768.87	4027553.12	0.06974	258769.50	4027577.85	0.06942
258770.14	4027602.58	0.06908	258770.77	4027627.31	0.06867
258771.41	4027652.04	0.06824	258772.05	4027676.77	0.06774
258772.68	4027701.50	0.06713	258773.32		

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4027726.23        0.06654
         258664.45    4027382.57        0.05929                    258665.08
4027407.30        0.05958
         258665.72    4027432.03        0.05982                    258666.36
4027456.76        0.06000
         258666.99    4027481.49        0.06016                    258667.63
4027506.22        0.06023
         258668.26    4027530.95        0.06021                    258668.90
4027555.69        0.05990
         258669.54    4027580.42        0.05962                    258670.17
4027605.15        0.05941
         258670.81    4027629.88        0.05929                    258671.44
4027654.61        0.05901
         258672.08    4027679.34        0.05870                    258672.72
4027704.07        0.05839
         258673.35    4027728.81        0.05804                    258464.51
4027387.71        0.04574
         258465.15    4027412.44        0.04597                    258465.79
4027437.17        0.04606
         258466.42    4027461.90        0.04613                    258467.06
4027486.63        0.04629
         258467.69    4027511.37        0.04647                    258468.33
4027536.10        0.04660
         258468.97    4027560.83        0.04665                    258469.60
4027585.56        0.04663
         258470.24    4027610.29        0.04671                    258470.87
4027635.02        0.04671
         258471.51    4027659.75        0.04665                    258472.15
4027684.48        0.04656
         258472.78    4027709.22        0.04644                    258473.42
4027733.95        0.04625
         258264.58    4027392.85        0.03730                    258265.22
4027417.58        0.03735
         258265.85    4027442.31        0.03731                    258266.49
4027467.04        0.03739
         258267.12    4027491.78        0.03754                    258267.76
4027516.51        0.03762
         258268.40    4027541.24        0.03765                    258269.03
4027565.97        0.03774
         258269.67    4027590.70        0.03802                    258270.30
4027615.43        0.03827
         258270.94    4027640.16        0.03830                    258271.58
4027664.89        0.03837
         258272.21    4027689.63        0.03846                    258272.85
4027714.36        0.03846
         258273.48    4027739.09        0.03837                    258064.01
4027373.26        0.03085
         258064.65    4027397.99        0.03100                    258065.28
4027422.72        0.03117
         258065.92    4027447.45        0.03137                    258066.55
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   PHASE4   , PHASE3A , PHASE2A   , PHASE3B   , PHASE2B   ,
                  PHASE1   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                            ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
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```
4027724.64        0.02855
         257873.62    4027749.37        0.02868                    259373.56
4027735.81        0.23933
         259396.16    4027735.41        0.25313                    259418.75
4027735.01        0.26768
         259441.35    4027734.61        0.28288                    259463.95
4027734.22        0.30090
         259486.54    4027733.82        0.32089                    259509.14
4027733.42        0.34492
         259531.74    4027733.02        0.37692                    259554.33
4027732.62        0.42217
         259576.93    4027732.23        0.48451                    259356.27
4027753.86        0.21793
         259396.60    4027760.40        0.23465                    259419.19
4027760.01        0.24747
         259441.79    4027759.61        0.26118                    259464.39
4027759.21        0.27697
         259486.98    4027758.81        0.29461                    259509.58
4027758.42        0.31493
         259532.18    4027758.02        0.34069                    259554.77
4027757.62        0.37425
         259577.37    4027757.22        0.41583                    259356.71
4027778.86        0.20327
         259313.55    4027747.57        0.20062                    259397.04
4027785.40        0.21800
         259419.63    4027785.00        0.22935                    259442.23
4027784.61        0.24170
         259464.83    4027784.21        0.25540                    259487.42
4027783.81        0.27040
         259510.02    4027783.41        0.28716                    259532.62
4027783.01        0.30740
         259555.21    4027782.62        0.33275                    259577.81
4027782.22        0.36070
         259357.15    4027803.85        0.19050                    259321.69
4027789.98        0.18366
         259296.26    4027765.62        0.18441                    259397.48
4027810.40        0.20334
         259420.07    4027810.00        0.21327                    259442.67
4027809.60        0.22402
         259465.27    4027809.20        0.23596                    259487.86
4027808.81        0.24870
         259510.46    4027808.41        0.26236                    259533.06
4027808.01        0.27792
         259555.65    4027807.61        0.29654                    259578.25
4027807.21        0.31740
         259358.03    4027853.85        0.16894                    259322.57
4027839.97        0.16354
         259287.11    4027826.09        0.15734                    259261.67
4027801.73        0.15725
         259246.27    4027766.91        0.16340                    259398.36
```

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PHASE4 , PHASE3A , PHASE2A , PHASE3B , PHASE2B ,
PHASE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
259511.34	4027858.40	0.22148	259533.94	4027858.00	0.23173
259556.53	4027857.60	0.24239	259579.13	4027857.21	0.25320
259356.38	4027902.85	0.15030	259315.85	4027886.99	0.14595
259275.32	4027871.12	0.14017	259225.99	4027835.36	0.13678
259208.39	4027795.56	0.14184	259190.79	4027755.75	0.14550
259399.24	4027910.38	0.15797	259421.83	4027909.98	0.16376
259444.43	4027909.59	0.16983	259467.03	4027909.19	0.17612
259489.62	4027908.79	0.18269	259512.22	4027908.39	0.18939
259534.82	4027907.99	0.19607	259557.41	4027907.60	0.20256
259580.01	4027907.20	0.20827	259357.82	4027953.06	0.13477
259318.42	4027937.64	0.13186	259279.02		

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4027922.22        0.12760
         259239.61    4027906.80        0.12303                   259191.66
4027872.02        0.12053
         259174.54    4027833.33        0.12421                   259157.43
4027794.63        0.12719
         259140.32    4027755.93        0.12895                   259400.12
4027960.37        0.14065
         259422.71    4027959.98        0.14517                   259445.31
4027959.58        0.14969
         259467.91    4027959.18        0.15436                   259490.50
4027958.78        0.15928
         259513.10    4027958.38        0.16407                   259535.70
4027957.99        0.16859
         259558.29    4027957.59        0.17285                   259580.89
4027957.19        0.17656
         259359.06    4028003.19        0.12177                   259320.37
4027988.05        0.11976
         259281.69    4027972.91        0.11700                   259243.00
4027957.77        0.11373
         259204.32    4027942.63        0.11004                   259157.23
4027908.49        0.10712
         259140.43    4027870.50        0.10993                   259123.63
4027832.50        0.11225
         259106.82    4027794.51        0.11400                   259090.02
4027756.52        0.11465
         259401.00    4028010.37        0.12584                   259423.59
4028009.97        0.12913
         259446.19    4028009.57        0.13270                   259468.79
4028009.17        0.13634
         259491.38    4028008.77        0.13992                   259513.98
4028008.38        0.14336
         259536.58    4028007.98        0.14673                   259559.17
4028007.58        0.14974
         259581.77    4028007.18        0.15237                   259359.90
4028102.82        0.10062
         259319.37    4028086.95        0.09952                   259278.84
4028071.09        0.09850
         259238.31    4028055.23        0.09662                   259197.79
4028039.37        0.09400
         259157.26    4028023.50        0.09114                   259116.73
4028007.64        0.08792
         259087.67    4027979.81        0.08717                   259070.06
4027940.01        0.08898
         259052.46    4027900.20        0.09065                   259034.86
4027860.40        0.09203
         259017.26    4027820.60        0.09282                   258999.66
4027780.80        0.09335
         259402.76    4028110.35        0.10333                   259425.35
4028109.95        0.10556
         259447.95    4028109.55        0.10776                   259470.55
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4028109.16   0.10989
         259493.14   4028108.76   0.11188   259515.74
4028108.36   0.11369
         259538.34   4028107.96   0.11528   259560.93
4028107.57   0.11665
         259583.53   4028107.17   0.11755   259361.06
4028202.57   0.08506
         259319.34   4028186.24   0.08461   259277.62
4028169.91   0.08411

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PHASE4   , PHASE3A
, PHASE2A   , PHASE3B   , PHASE2B   ,
                PHASE1   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER   IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

4028208.74 0.09153
259517.50 4028208.35 0.09242 259540.10
4028207.95 0.09326
259562.69 4028207.55 0.09377 259585.29
4028207.15 0.09365
259363.42 4028302.79 0.07327 259322.89
4028286.92 0.07311
259282.36 4028271.06 0.07286 259241.83
4028255.20 0.07255
259201.31 4028239.34 0.07201 259160.78
4028223.47 0.07118
259120.25 4028207.61 0.06986 259079.72
4028191.75 0.06814
259039.20 4028175.89 0.06618 258998.67
4028160.02 0.06414
258949.34 4028124.26 0.06266 258931.74
4028084.46 0.06368
258914.14 4028044.66 0.06466 258896.53
4028004.85 0.06555
258878.93 4027965.05 0.06631 258861.33
4027925.25 0.06694
258843.73 4027885.45 0.06749 258826.13
4027845.64 0.06765
258808.52 4027805.84 0.06781 258790.92
4027766.04 0.06723
259406.28 4028310.32 0.07415 259428.87
4028309.92 0.07508
259451.47 4028309.52 0.07588 259474.07
4028309.13 0.07661
259496.66 4028308.73 0.07718 259519.26
4028308.33 0.07764
259541.86 4028307.93 0.07786 259564.45
4028307.53 0.07779
259587.05 4028307.14 0.07748 259364.75
4028402.61 0.06395
259323.38 4028386.41 0.06406 259282.01
4028370.22 0.06399
259240.64 4028354.03 0.06382 259199.27
4028337.83 0.06357
259157.90 4028321.64 0.06302 259116.52
4028305.45 0.06243
259075.15 4028289.26 0.06150 259033.78
4028273.06 0.06005
258992.41 4028256.87 0.05839 258951.04
4028240.68 0.05674
258909.67 4028224.48 0.05518 258880.00
4028196.07 0.05479
258862.03 4028155.44 0.05561 258844.06
4028114.81 0.05650
258826.09 4028074.18 0.05726 258808.12

4028033.54   0.05787
         258790.15   4027992.91   0.05847   258772.18
4027952.28   0.05877
         258754.21   4027911.65   0.05890   258736.24
4027871.02   0.05902
         258718.27   4027830.39   0.05885   258700.30
4027789.75   0.05857
         259408.04   4028410.30   0.06441   259430.63
4028409.91   0.06496
         259453.23   4028409.51   0.06544   259475.83
4028409.11   0.06587
         259498.42   4028408.71   0.06624   259521.02
4028408.31   0.06653

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PHASE4   , PHASE3A
, PHASE2A   , PHASE3B   , PHASE2B   ,
                 PHASE1   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

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4028441.43        0.04891
         258915.38    4028425.31        0.04794                   258874.20
4028409.19        0.04679
         258833.02    4028393.07        0.04562                   258791.83
4028376.96        0.04454
         258741.71    4028340.62        0.04389                   258723.82
4028300.17        0.04451
         258705.94    4028259.73        0.04512                   258688.05
4028219.28        0.04564
         258670.17    4028178.84        0.04602                   258652.28
4028138.39        0.04645
         258634.39    4028097.95        0.04668                   258616.51
4028057.50        0.04676
         258598.62    4028017.06        0.04707                   258580.73
4027976.61        0.04710
         258562.85    4027936.17        0.04703                   258544.96
4027895.73        0.04696
         258527.08    4027855.28        0.04688                   258509.19
4027814.84        0.04669
         258491.30    4027774.39        0.04654                   259411.56
4028610.27        0.05067
         259434.15    4028609.88        0.05092                   259456.75
4028609.48        0.05109
         259479.35    4028609.08        0.05130                   259501.94
4028608.68        0.05144
         259524.54    4028608.28        0.05152                   259547.14
4028607.89        0.05156
         259569.73    4028607.49        0.05155                   259592.33
4028607.09        0.05149
         259371.95    4028802.60        0.04185                   259330.89
4028786.53        0.04210
         259289.83    4028770.46        0.04229                   259248.77
4028754.39        0.04242
         259207.71    4028738.32        0.04246                   259166.65
4028722.25        0.04237
         259125.59    4028706.18        0.04223                   259084.53
4028690.11        0.04211
         259043.47    4028674.04        0.04195                   259002.40
4028657.96        0.04182
         258961.34    4028641.89        0.04167                   258920.28
4028625.82        0.04143
         258879.22    4028609.75        0.04105                   258838.16
4028593.68        0.04048
         258797.10    4028577.61        0.03975                   258756.04
4028561.54        0.03890
         258714.98    4028545.47        0.03812                   258673.92
4028529.39        0.03740
         258632.86    4028513.32        0.03678                   258603.41
4028485.13        0.03671
         258585.58    4028444.80        0.03710                   258567.74
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4028404.47   0.03757
         258549.91   4028364.15   0.03792   258532.08
4028323.82   0.03825
         258514.24   4028283.49   0.03850   258496.41
4028243.17   0.03864
         258478.57   4028202.84   0.03870   258460.74
4028162.51   0.03863
         258442.91   4028122.19   0.03871   258425.07
4028081.86   0.03877
         258407.24   4028041.54   0.03888   258389.40
4028001.21   0.03902
         258371.57   4027960.88   0.03909   258353.74
4027920.56   0.03913
         258335.90   4027880.23   0.03924   258318.07
4027839.90   0.03925
         258300.23   4027799.58   0.03909   259415.08
4028810.24   0.04178

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PHASE4   , PHASE3A
, PHASE2A   , PHASE3B   , PHASE2B   ,
                PHASE1   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                               ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

4028994.21 0.03583
259333.14 4028986.00 0.03601 259312.18
4028977.80 0.03616
259291.23 4028969.60 0.03628 259249.32
4028953.20 0.03643
259228.36 4028945.00 0.03639 259207.41
4028936.79 0.03644
259186.46 4028928.59 0.03652 259144.55
4028912.19 0.03641
259123.59 4028903.99 0.03633 259102.64
4028895.79 0.03624
259081.68 4028887.58 0.03613 259039.77
4028871.18 0.03589
259018.82 4028862.98 0.03581 258997.87
4028854.78 0.03574
258976.91 4028846.58 0.03565 258935.00
4028830.17 0.03553
258914.05 4028821.97 0.03550 258893.09
4028813.77 0.03548
258872.14 4028805.57 0.03545 258851.18
4028797.37 0.03541
258809.27 4028780.96 0.03526 258788.32
4028772.76 0.03514
258767.37 4028764.56 0.03497 258746.41
4028756.36 0.03477
258704.50 4028739.96 0.03426 258683.55
4028731.75 0.03398
258662.59 4028723.55 0.03367 258641.64
4028715.35 0.03333
258599.73 4028698.95 0.03275 258578.77
4028690.75 0.03248
258557.82 4028682.55 0.03220 258536.87
4028674.34 0.03193
258494.96 4028657.94 0.03164 258464.90
4028629.16 0.03167
258455.80 4028608.58 0.03182 258437.60
4028567.42 0.03216
258428.50 4028546.84 0.03231 258410.29
4028505.68 0.03258
258401.19 4028485.10 0.03267 258382.99
4028443.94 0.03282
258373.89 4028423.36 0.03286 258355.69
4028382.20 0.03293
258346.59 4028361.62 0.03293 258328.38
4028320.46 0.03292
258310.18 4028279.30 0.03291 258291.98
4028238.14 0.03296
258282.88 4028217.56 0.03300 258264.67
4028176.40 0.03305
258255.57 4028155.83 0.03313 258237.37

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4028114.67        0.03330
         258228.27    4028094.09        0.03336                       258210.07
4028052.93        0.03348
         258200.97    4028032.35        0.03353                       258182.76
4027991.19        0.03362
         258173.66    4027970.61        0.03366                       258155.46
4027929.45        0.03372
         258146.36    4027908.87        0.03373                       258128.16
4027867.71        0.03376
         258109.95    4027826.55        0.03355                       258091.75
4027785.39        0.03328
         259418.60    4029010.21        0.03533                       259441.19
4029009.81        0.03526
         259463.79    4029009.42        0.03522                       259486.39
4029009.02        0.03515
         259508.98    4029008.62        0.03505                       259531.58
4029008.22        0.03493
         259554.18    4029007.82        0.03478                       259576.77
4029007.43        0.03464
         259599.37    4029007.03        0.03449                       259378.66
4029202.41        0.03077
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                         ***        18:20:08

                                    PAGE 388
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                    INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                PHASE1      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         259336.94    4029186.08        0.03123                       259295.22
4029169.76        0.03161
         259253.50    4029153.43        0.03191                       259211.78
4029137.10        0.03213
         259170.06    4029120.77        0.03220                       259128.34
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4029104.44        0.03216
         259086.63    4029088.11        0.03201                   259044.91
4029071.78        0.03178
         259003.19    4029055.45        0.03151                   258961.47
4029039.12        0.03122
         258919.75    4029022.79        0.03099                   258878.03
4029006.47        0.03086
         258836.31    4028990.14        0.03077                   258794.59
4028973.81        0.03073
         258752.87    4028957.48        0.03072                   258711.15
4028941.15        0.03064
         258669.43    4028924.82        0.03045                   258627.71
4028908.49        0.03020
         258585.99    4028892.16        0.02983                   258544.27
4028875.83        0.02945
         258502.55    4028859.51        0.02911                   258460.83
4028843.18        0.02875
         258419.12    4028826.85        0.02829                   258377.40
4028810.52        0.02806
         258326.62    4028773.70        0.02787                   258308.50
4028732.73        0.02818
         258290.38    4028691.76        0.02835                   258272.26
4028650.78        0.02850
         258254.14    4028609.81        0.02866                   258236.02
4028568.84        0.02864
         258217.90    4028527.86        0.02859                   258199.78
4028486.89        0.02849
         258181.66    4028445.92        0.02842                   258163.54
4028404.94        0.02849
         258145.42    4028363.97        0.02861                   258127.30
4028323.00        0.02873
         258109.18    4028282.02        0.02879                   258091.06
4028241.05        0.02890
         258072.94    4028200.08        0.02904                   258054.82
4028159.10        0.02923
         258036.70    4028118.13        0.02942                   258018.58
4028077.16        0.02961
         258000.46    4028036.18        0.02955                   257982.34
4027995.21        0.02954
         257964.22    4027954.24        0.02955                   257946.10
4027913.26        0.02951
         257927.98    4027872.29        0.02947                   257909.86
4027831.32        0.02932
         257891.74    4027790.35        0.02909                   259422.12
4029210.18        0.03045
         259444.71    4029209.78        0.03036                   259467.31
4029209.38        0.03026
         259489.91    4029208.99        0.03015                   259512.50
4029208.59        0.03004
         259535.10    4029208.19        0.02991                   259557.70
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4029207.79        0.02979
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4029207.00        0.02955
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4027729.15        0.78059
         259709.26    4027727.61        0.81157                        259600.22
4027756.43        0.46826
         259644.18    4027754.90        0.55475                        259688.15
4027753.36        0.58799
         259732.11    4027751.83        0.60596                        259601.09
4027781.42        0.39268
         259645.05    4027779.88        0.44459                        259689.02
4027778.35        0.46839
         259732.99    4027776.81        0.48326                        259601.96
4027806.40        0.33863
         259645.93    4027804.87        0.37244                        259689.89
4027803.33        0.39007
         259733.86    4027801.80        0.40109                        259603.70
4027856.37        0.26453
         259647.67    4027854.84        0.28134                        259691.64
4027853.30        0.29169
         259735.60    4027851.77        0.29759                        259605.45
4027906.34        0.21463
         259649.41    4027904.81        0.22565                        259693.38
4027903.27        0.23140
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 389
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                PHASE1      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         259737.35    4027901.74        0.23383                        259607.19
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4027956.31 0.17991
259651.16 4027954.78 0.18633 259695.12
4027953.24 0.19080
259739.09 4027951.71 0.19158 259608.94
4028006.28 0.15508
259652.90 4028004.75 0.15823 259696.87
4028003.21 0.16072
259740.83 4028001.68 0.16102 259612.42
4028106.22 0.11827
259656.39 4028104.69 0.11863 259700.35
4028103.15 0.11893
259744.32 4028101.62 0.11889 259615.91
4028206.16 0.09330
259659.88 4028204.62 0.09248 259703.84
4028203.09 0.09245
259747.81 4028201.56 0.09199 259619.40
4028306.10 0.07720
259663.36 4028304.56 0.07672 259707.33
4028303.03 0.07622
259751.30 4028301.49 0.07586 259622.89
4028406.04 0.06611
259666.85 4028404.50 0.06590 259710.82
4028402.97 0.06556
259754.78 4028401.43 0.06469 259629.86
4028605.92 0.05131
259673.83 4028604.38 0.05090 259717.79
4028602.85 0.05019
259761.76 4028601.31 0.04922 259636.84
4028805.79 0.04114
259680.80 4028804.26 0.04070 259724.77
4028802.73 0.04020
259768.73 4028801.19 0.03955 259643.81
4029005.67 0.03422
259687.78 4029004.14 0.03385 259731.74
4029002.60 0.03345
259775.71 4029001.07 0.03295 259628.80
4029206.32 0.02940
259672.77 4029204.78 0.02912 259716.74
4029203.25 0.02882
259760.70 4029201.71 0.02847 259755.00
4027725.55 0.82382
259778.26 4027724.27 0.83653 259801.52
4027722.99 0.85079
259824.78 4027721.71 0.86129 259848.04
4027720.44 0.85880
259871.30 4027719.16 0.85579 259894.56
4027717.88 0.86290
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4027749.23 0.61864
259802.89 4027747.95 0.62300 259826.15

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4027746.68        0.62557
         259849.41    4027745.40        0.62491                        259872.67
4027744.12        0.62377
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4027775.47        0.48975
         259781.00    4027774.19        0.49334                        259804.26
4027772.92        0.49428
         259827.52    4027771.64        0.49368                        259850.78
4027770.36        0.49205
         259874.04    4027769.08        0.49067                        259897.30
4027767.81        0.48814
         259759.11    4027800.43        0.40598                        259782.37
4027799.16        0.40864
         259805.63    4027797.88        0.40923                        259828.89
4027796.60        0.40845
         259852.15    4027795.32        0.40651                        259875.41
4027794.05        0.40360
         259898.67    4027792.77        0.39959                        259761.85
4027850.36        0.29988
         259785.11    4027849.08        0.30094                        259808.37
4027847.80        0.30058
         259831.63    4027846.53        0.29930                        259854.89
4027845.25        0.29686
         259878.15    4027843.97        0.29358                        259901.41
4027842.69        0.28970
         259764.59    4027900.28        0.23489                        259787.85
4027899.00        0.23469
         259811.11    4027897.73        0.23384                        259834.37
4027896.45        0.23253
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 390
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                PHASE1      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                               ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
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Y-COORD (M)        CONC
 - - -
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```
4028596.67        0.04673
         259872.75    4028595.40        0.04592                       259896.01
4028594.12        0.04511
         259919.27    4028592.84        0.04431                       259942.53
4028591.57        0.04346
         259813.94    4028798.93        0.03872                       259837.20
4028797.65        0.03824
         259860.46    4028796.37        0.03773                       259883.72
4028795.10        0.03719
         259906.98    4028793.82        0.03659                       259930.24
4028792.54        0.03595
         259953.50    4028791.27        0.03532                       259801.64
4028999.90        0.03258
         259824.90    4028998.63        0.03217                       259848.16
4028997.35        0.03177
         259871.42    4028996.07        0.03143                       259894.68
4028994.80        0.03114
         259917.94    4028993.52        0.03081                       259941.20
4028992.24        0.03038
         259964.46    4028990.96        0.02995                       259797.65
4029200.28        0.02808
         259835.87    4029198.33        0.02769                       259859.13
4029197.05        0.02746
         259882.39    4029195.77        0.02722                       259905.65
4029194.50        0.02697
         259928.91    4029193.22        0.02669                       259952.17
4029191.94        0.02636
         259975.43    4029190.66        0.02611                       259939.86
4027716.72        0.86594
         259962.87    4027716.12        0.85052                       259985.88
4027715.52        0.83070
         260008.89    4027714.93        0.81999                       260031.90
4027714.33        0.79949
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 391
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                PHASE1      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260054.91	4027713.73	0.75299	260077.92	4027713.14	0.70197
260100.94	4027712.54	0.65157	260123.95	4027711.94	0.58273
260146.96	4027711.35	0.49334	260169.97	4027710.75	0.37408
259940.51	4027741.71	0.61077	259963.52	4027741.11	0.60004
259986.53	4027740.52	0.58499	260009.54	4027739.92	0.56794
260032.55	4027739.32	0.54868	260055.56	4027738.73	0.52295
260078.57	4027738.13	0.48744	260101.58	4027737.53	0.44822
260124.59	4027736.94	0.39899	260147.61	4027736.34	0.34248
260170.62	4027735.74	0.27982	259941.16	4027766.70	0.47120
259964.17	4027766.10	0.46291	259987.18	4027765.51	0.45068
260010.19	4027764.91	0.43533	260033.20	4027764.31	0.41733
260056.21	4027763.72	0.39582	260079.22	4027763.12	0.37030
260102.23	4027762.52	0.33983	260125.24	4027761.93	0.30343
260148.25	4027761.33	0.26591	260171.26	4027760.73	0.22810
259941.80	4027791.69	0.38541	259964.81	4027791.10	0.37624
259987.83	4027790.50	0.36500	260010.84	4027789.90	0.35164
260033.85	4027789.31	0.33600	260056.86	4027788.71	0.31778
260079.87	4027788.11	0.29687	260102.88	4027787.52	0.27335
260125.89	4027786.92	0.24723	260148.90	4027786.32	0.22042
260171.91	4027785.73	0.19443	259943.10	4027841.68	0.27831
259966.11	4027841.08	0.27044	259989.12	4027840.48	0.26134
260012.13	4027839.89	0.25087	260035.14		

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4027839.29        0.23934
         260058.15    4027838.69        0.22654                          260081.16
4027838.10        0.21250
         260104.18    4027837.50        0.19748                          260127.19
4027836.90        0.18190
         260150.20    4027836.31        0.16625                          260173.21
4027835.71        0.15062
         259944.40    4027891.66        0.21406                          259967.41
4027891.06        0.20743
         259990.42    4027890.47        0.20028                          260013.43
4027889.87        0.19265
         260036.44    4027889.27        0.18409                          260059.45
4027888.68        0.17496
         260082.46    4027888.08        0.16522                          260105.47
4027887.48        0.15515
         260128.48    4027886.89        0.14502                          260151.49
4027886.29        0.13510
         260174.50    4027885.69        0.12532                          259945.69
4027941.64        0.17186
         259968.70    4027941.05        0.16666                          259991.71
4027940.45        0.16104
         260014.72    4027939.85        0.15497                          260037.74
4027939.26        0.14843
         260060.75    4027938.66        0.14159                          260083.76
4027938.06        0.13459
         260106.77    4027937.47        0.12755                          260129.78
4027936.87        0.12053
         260152.79    4027936.27        0.11358                          260175.80
4027935.68        0.10669
         259946.99    4027991.63        0.14217                          259970.00
4027991.03        0.13799
         259993.01    4027990.43        0.13337                          260016.02
4027989.84        0.12845
         260039.03    4027989.24        0.12337                          260062.04
4027988.64        0.11821
         260085.05    4027988.05        0.11306                          260108.06
4027987.45        0.10793
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 392
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                PHASE1      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260131.07	4027986.85	0.10282	260154.09	4027986.26	0.09771
260177.10	4027985.66	0.09259	259949.58	4028091.59	0.10376
259972.59	4028091.00	0.10081	259995.60	4028090.40	0.09769
260018.61	4028089.80	0.09445	260041.62	4028089.21	0.09139
260064.63	4028088.61	0.08828	260087.65	4028088.01	0.08520
260110.66	4028087.42	0.08206	260133.67	4028086.82	0.07887
260156.68	4028086.22	0.07577	260179.69	4028085.63	0.07276
259952.17	4028191.56	0.07910	259975.18	4028190.96	0.07797
259998.19	4028190.37	0.07644	260021.20	4028189.77	0.07435
260044.22	4028189.17	0.07208	260067.23	4028188.58	0.06998
260090.24	4028187.98	0.06804	260113.25	4028187.38	0.06598
260136.26	4028186.79	0.06391	260159.27	4028186.19	0.06181
260182.28	4028185.59	0.05943	259954.76	4028291.53	0.06396
259977.78	4028290.93	0.06281	260000.79	4028290.33	0.06183
260023.80	4028289.74	0.06048	260046.81	4028289.14	0.05891
260069.82	4028288.54	0.05722	260092.83	4028287.95	0.05562
260115.84	4028287.35	0.05402	260138.85	4028286.75	0.05252
260161.86	4028286.16	0.05118	260184.87	4028285.56	0.04983
259957.36	4028391.49	0.05397	259980.37	4028390.89	0.05278
260003.38	4028390.30	0.05176	260026.39		

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4028389.70        0.05067
         260049.40    4028389.10        0.04957                       260072.41
4028388.51        0.04850
         260095.42    4028387.91        0.04753                       260118.43
4028387.31        0.04667
         260141.44    4028386.72        0.04582                       260164.45
4028386.12        0.04482
         260187.46    4028385.52        0.04366                       259985.55
4028590.83        0.04184
         260008.56    4028590.23        0.04099                       260031.57
4028589.63        0.04011
         260054.58    4028589.04        0.03927                       260077.59
4028588.44        0.03846
         260100.61    4028587.84        0.03764                       260123.62
4028587.25        0.03688
         260146.63    4028586.65        0.03613                       260169.64
4028586.05        0.03537
         260192.65    4028585.46        0.03461                       259990.74
4028790.76        0.03438
         260013.75    4028790.16        0.03380                       260036.76
4028789.57        0.03318
         260059.77    4028788.97        0.03258                       260082.78
4028788.37        0.03197
         260105.79    4028787.78        0.03136                       260128.80
4028787.18        0.03075
         260151.81    4028786.58        0.03014                       260174.82
4028785.99        0.02954
         260197.83    4028785.39        0.02889                       259995.92
4028990.69        0.02935
         260018.93    4028990.10        0.02890                       260041.94
4028989.50        0.02840
         260064.95    4028988.90        0.02794                       260087.96
4028988.31        0.02743
         260110.97    4028987.71        0.02693                       260133.98
4028987.11        0.02646
         260157.00    4028986.52        0.02597                       260180.01
4028985.92        0.02549
         260203.02    4028985.32        0.02499                       260001.10
4029190.63        0.02577
         260024.11    4029190.03        0.02543                       260047.13
4029189.43        0.02506
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                PAGE 393
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                            *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
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VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PHASE4 , PHASE3A
, PHASE2A , PHASE3B , PHASE2B ,
PHASE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF OTHER IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260070.14	4029188.84	0.02469	260093.15	4029188.24	0.02429
260116.16	4029187.64	0.02386	260139.17	4029187.05	0.02341
260162.18	4029186.45	0.02297	260185.19	4029185.85	0.02253
260208.20	4029185.26	0.02216	260190.44	4027695.65	0.32882
260195.46	4027670.19	0.41909	260214.10	4027700.10	0.23918
260192.81	4027726.50	0.24373	260220.40	4027671.92	0.27894
260238.40	4027703.19	0.18990	260226.93	4027727.68	0.18268
260208.71	4027745.13	0.19074	260245.34	4027673.65	0.21175
260262.96	4027705.74	0.15819	260250.72	4027731.86	0.15345
260225.17	4027763.53	0.15768	260198.54	4027774.63	0.17576
260270.28	4027675.38	0.17335	260312.40	4027710.13	0.11865
260299.29	4027738.12	0.11620	260286.18	4027766.11	0.11442
260258.80	4027800.04	0.11640	260230.27	4027811.93	0.12677
260201.74	4027823.82	0.13846	260320.16	4027678.84	0.12651
260362.04	4027714.11	0.09459	260348.44	4027743.14	0.09289
260334.84	4027772.16	0.09191	260321.24	4027801.19	0.09147
260292.85	4027836.38	0.09316	260263.26	4027848.71	0.10017
260233.68	4027861.03	0.10787	260204.09		

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4027873.36        0.11666
         260370.04    4027682.30        0.09923                       260411.77
4027717.90        0.07827
         260397.86    4027747.59        0.07745                       260383.95
4027777.27        0.07695
         260370.04    4027806.96        0.07655                       260356.13
4027836.64        0.07623
         260327.10    4027872.63        0.07763                       260296.84
4027885.24        0.08271
         260266.58    4027897.85        0.08825                       260236.32
4027910.46        0.09473
         260206.06    4027923.07        0.10098                       260419.92
4027685.76        0.08133
         260461.54    4027721.59        0.06609                       260447.42
4027751.73        0.06560
         260433.30    4027781.87        0.06570                       260419.17
4027812.01        0.06566
         260405.05    4027842.16        0.06561                       260390.93
4027872.30        0.06515
         260361.44    4027908.84        0.06667                       260330.72
4027921.64        0.07051
         260300.00    4027934.45        0.07499                       260269.27
4027947.25        0.07931
         260238.55    4027960.05        0.08377                       260207.82
4027972.86        0.08836
         260469.80    4027689.22        0.06847                       260561.16
4027728.81        0.05017
         260546.76    4027759.54        0.05023                       260532.36
4027790.27        0.05007
         260517.96    4027821.00        0.05014                       260503.57
4027851.73        0.05059
         260489.17    4027882.47        0.05094                       260474.77
4027913.20        0.05097
         260460.37    4027943.93        0.05089                       260430.31
4027981.19        0.05197
         260398.98    4027994.25        0.05442                       260367.65
4028007.30        0.05680
         260336.32    4028020.35        0.05935                       260305.00
4028033.41        0.06190
         260273.67    4028046.46        0.06464                       260242.34
4028059.52        0.06745
         260211.02    4028072.57        0.07021                       260569.56
4027696.14        0.05114
         260660.84    4027735.91        0.03982                       260646.27
4027767.01        0.03985
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): PHASE4 , PHASE3A , PHASE2A , PHASE3B , PHASE2B , PHASE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260631.70	4027798.10	0.04003	260617.12	4027829.20	0.04006
260602.55	4027860.30	0.04035	260587.98	4027891.40	0.04082
260573.41	4027922.50	0.04145	260558.84	4027953.60	0.04177
260544.27	4027984.69	0.04187	260529.70	4028015.79	0.04181
260499.28	4028053.49	0.04259	260467.58	4028066.70	0.04413
260435.88	4028079.91	0.04566	260404.18	4028093.12	0.04711
260372.48	4028106.33	0.04871	260340.78	4028119.54	0.05038
260309.08	4028132.75	0.05218	260277.38	4028145.96	0.05409
260245.68	4028159.17	0.05590	260213.98	4028172.38	0.05741
260669.32	4027703.06	0.04044	260760.54	4027742.95	0.03266
260745.85	4027774.30	0.03267	260731.16	4027805.65	0.03281
260716.48	4027836.99	0.03309	260701.79	4027868.34	0.03333
260687.10	4027899.69	0.03368	260672.42	4027931.03	0.03415
260657.73	4027962.38	0.03466	260643.04	4027993.73	0.03515
260628.35	4028025.07	0.03551	260613.67	4028056.42	0.03566
260598.98	4028087.77	0.03567	260568.32		

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4028125.77        0.03606
         260536.36    4028139.09        0.03700                     260504.41
4028152.40        0.03795
         260472.46    4028165.72        0.03899                     260440.50
4028179.03        0.04007
         260408.55    4028192.35        0.04111                     260376.59
4028205.67        0.04217
         260344.64    4028218.98        0.04335                     260312.69
4028232.30        0.04461
         260280.73    4028245.61        0.04606                     260248.78
4028258.93        0.04717
         260216.83    4028272.24        0.04863                     260769.08
4027709.98        0.03306
         260860.50    4027749.44        0.02749                     260846.22
4027779.91        0.02765
         260831.94    4027810.39        0.02780                     260817.67
4027840.87        0.02795
         260803.39    4027871.34        0.02811                     260789.11
4027901.82        0.02831
         260774.83    4027932.29        0.02862                     260760.55
4027962.77        0.02902
         260746.27    4027993.25        0.02951                     260731.99
4028023.72        0.03001
         260717.71    4028054.20        0.03046                     260703.43
4028084.67        0.03080
         260689.15    4028115.15        0.03100                     260674.87
4028145.63        0.03107
         260660.60    4028176.10        0.03092                     260637.92
4028197.81        0.03114
         260606.86    4028210.76        0.03179                     260575.79
4028223.71        0.03249
         260544.72    4028236.65        0.03317                     260513.66
4028249.60        0.03387
         260482.59    4028262.54        0.03455                     260451.53
4028275.49        0.03525
         260420.46    4028288.43        0.03599                     260389.39
4028301.38        0.03689
         260358.33    4028314.32        0.03796                     260327.26
4028327.27        0.03899
         260296.20    4028340.22        0.03995                     260265.13
4028353.16        0.04099
         260234.06    4028366.11        0.04207                     260868.84
4027716.90        0.02767
         261059.92    4027763.51        0.02054                     261045.42
4027794.44        0.02057
         261030.93    4027825.37        0.02075                     261016.43
4027856.31        0.02092
         261001.94    4027887.24        0.02108                     260987.45
4027918.18        0.02126
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PHASE4 , PHASE3A , PHASE2A , PHASE3B , PHASE2B ,
PHASE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260972.95	4027949.11	0.02148	260958.46	4027980.05	0.02171
260943.97	4028010.98	0.02198	260929.47	4028041.92	0.02231
260914.98	4028072.85	0.02264	260900.48	4028103.78	0.02302
260885.99	4028134.72	0.02343	260871.50	4028165.65	0.02381
260857.00	4028196.59	0.02416	260842.51	4028227.52	0.02435
260828.02	4028258.46	0.02440	260813.52	4028289.39	0.02438
260799.03	4028320.33	0.02438	260776.01	4028342.36	0.02452
260744.48	4028355.50	0.02493	260712.95	4028368.64	0.02527
260681.41	4028381.78	0.02560	260649.88	4028394.92	0.02597
260618.35	4028408.06	0.02635	260586.81	4028421.20	0.02675
260555.28	4028434.34	0.02715	260523.75	4028447.49	0.02756
260492.21	4028460.63	0.02805	260460.68	4028473.77	0.02858
260429.15	4028486.91	0.02912	260397.62	4028500.05	0.02957
260366.08	4028513.19	0.03045	260334.55		

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4028526.33        0.03126
         260303.02    4028539.47        0.03201                   260271.48
4028552.61        0.03282
         260239.95    4028565.75        0.03358                   261068.36
4027730.74        0.02074
         261259.37    4027777.49        0.01656                   261244.73
4027808.73        0.01653
         261230.10    4027839.96        0.01651                   261215.46
4027871.19        0.01653
         261200.83    4027902.43        0.01656                   261186.20
4027933.66        0.01665
         261171.56    4027964.89        0.01682                   261156.93
4027996.13        0.01704
         261142.30    4028027.36        0.01725                   261127.66
4028058.59        0.01747
         261113.03    4028089.83        0.01776                   261098.39
4028121.06        0.01809
         261083.76    4028152.29        0.01842                   261069.13
4028183.53        0.01876
         261054.49    4028214.76        0.01911                   261039.86
4028245.99        0.01942
         261025.23    4028277.23        0.01970                   261010.59
4028308.46        0.01989
         260995.96    4028339.69        0.02002                   260981.32
4028370.93        0.02011
         260966.69    4028402.16        0.02010                   260952.06
4028433.39        0.02006
         260937.42    4028464.63        0.01999                   260914.19
4028486.88        0.02007
         260882.35    4028500.15        0.02035                   260850.51
4028513.41        0.02060
         260818.67    4028526.68        0.02082                   260786.83
4028539.95        0.02111
         260755.00    4028553.21        0.02142                   260723.16
4028566.48        0.02170
         260691.32    4028579.75        0.02196                   260659.48
4028593.02        0.02216
         260627.64    4028606.28        0.02241                   260595.81
4028619.55        0.02267
         260563.97    4028632.82        0.02292                   260532.13
4028646.08        0.02316
         260500.29    4028659.35        0.02355                   260468.46
4028672.62        0.02407
         260436.62    4028685.89        0.02469                   260404.78
4028699.15        0.02530
         260372.94    4028712.42        0.02593                   260341.10
4028725.69        0.02652
         260309.27    4028738.96        0.02700                   260277.43
4028752.22        0.02744
         260245.59    4028765.49        0.02796                   261267.88
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                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PHASE4   , PHASE3A
, PHASE2A   , PHASE3B   , PHASE2B   ,
                PHASE1   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
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4028562.95        0.01691
         261082.89    4028593.82        0.01681                  261052.69
4028631.25        0.01685
         261021.23    4028644.37        0.01707                  260989.76
4028657.48        0.01729
         260958.29    4028670.59        0.01751                  260926.82
4028683.71        0.01772
         260895.35    4028696.82        0.01794                  260863.88
4028709.94        0.01817
         260832.41    4028723.05        0.01839                  260800.94
4028736.16        0.01861
         260769.47    4028749.28        0.01881                  260738.00
4028762.39        0.01897
         260706.53    4028775.50        0.01904                  260675.06
4028788.62        0.01915
         260643.59    4028801.73        0.01932                  260612.12
4028814.85        0.01955
         260580.65    4028827.96        0.01983                  260549.18
4028841.07        0.02017
         260517.71    4028854.19        0.02052                  260486.24
4028867.30        0.02100
         260454.77    4028880.41        0.02145                  260423.30
4028893.53        0.02188
         260391.83    4028906.64        0.02230                  260360.37
4028919.75        0.02271
         260328.90    4028932.87        0.02315                  260297.43
4028945.98        0.02360
         260265.96    4028959.10        0.02406                  260234.49
4028972.21        0.02453
         261467.40    4027758.42        0.01432                  261658.44
4027805.11        0.01243
         261643.87    4027836.20        0.01230                  261629.30
4027867.30        0.01219
         261614.73    4027898.40        0.01208                  261600.16
4027929.50        0.01197
         261585.59    4027960.60        0.01187                  261571.02
4027991.69        0.01176
         261556.45    4028022.79        0.01171                  261541.88
4028053.89        0.01172
         261527.30    4028084.99        0.01177                  261512.73
4028116.09        0.01187
         261498.16    4028147.19        0.01200                  261483.59
4028178.28        0.01217
         261469.02    4028209.38        0.01239                  261454.45
4028240.48        0.01263
         261439.88    4028271.58        0.01290                  261425.31
4028302.68        0.01319
         261410.74    4028333.77        0.01348                  261396.17
4028364.87        0.01376
         261381.60    4028395.97        0.01404                  261367.03
```

4028427.07   0.01428
         261352.46   4028458.17   0.01448   261337.89
4028489.27   0.01461
         261323.32   4028520.36   0.01471   261308.75
4028551.46   0.01478
         261294.18   4028582.56   0.01476   261279.61
4028613.66   0.01470

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PHASE4   , PHASE3A
, PHASE2A   , PHASE3B   , PHASE2B   ,
                PHASE1   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         261265.04   4028644.76   0.01463   261250.47
4028675.85   0.01456
         261235.90   4028706.95   0.01447   261221.32
4028738.05   0.01440
         261190.90   4028775.75   0.01444   261159.20
4028788.96   0.01463
         261127.50   4028802.17   0.01483   261095.80
4028815.38   0.01504
         261064.10   4028828.59   0.01523   261032.40
4028841.80   0.01544
         261000.70   4028855.01   0.01563   260969.00
4028868.22   0.01584
         260937.30   4028881.43   0.01593   260905.60
4028894.64   0.01611
         260873.90   4028907.85   0.01628   260842.20
4028921.06   0.01642
         260810.50   4028934.27   0.01646   260778.80
4028947.48   0.01649
         260747.10   4028960.69   0.01658   260715.40

```
4028973.90        0.01667
         260683.70    4028987.11        0.01680                    260652.00
4029000.32        0.01703
         260620.30    4029013.53        0.01732                    260588.60
4029026.74        0.01761
         260556.90    4029039.95        0.01798                    260525.20
4029053.16        0.01832
         260493.50    4029066.37        0.01870                    260461.80
4029079.58        0.01903
         260430.10    4029092.79        0.01936                    260398.40
4029106.00        0.01970
         260366.70    4029119.21        0.02007                    260335.00
4029132.42        0.02046
         260303.30    4029145.63        0.02092                    260271.60
4029158.84        0.02138
         260239.90    4029172.05        0.02182                    261666.92
4027772.26        0.01264
         260195.10    4027643.19        0.63482                    260194.68
4027618.34        0.81181
         260194.26    4027593.49        0.94526                    260193.84
4027568.64        1.07866
         260193.42    4027543.79        1.17919                    260193.01
4027518.94        1.24642
         260192.59    4027494.09        1.29723                    260192.17
4027469.24        1.33960
         260191.75    4027444.39        1.38574                    260191.33
4027419.55        1.41148
         260190.91    4027394.70        1.43828                    260190.50
4027369.85        1.48276
         260190.08    4027345.00        1.49139                    260189.66
4027320.15        1.48633
         260189.24    4027295.30        1.49754                    260188.82
4027270.45        1.49598
         260188.40    4027245.60        1.49988                    260187.99
4027220.75        1.51008
         260187.57    4027195.90        1.51804                    260187.15
4027171.05        1.52408
         260186.73    4027146.20        1.54685                    260186.31
4027121.35        1.58132
         260185.89    4027096.50        1.58846                    260185.48
4027071.65        1.58547
         260185.06    4027046.81        1.55255                    260184.64
4027021.96        1.50774
         260184.22    4026997.11        1.52141                    260183.80
4026972.26        1.53137
         260183.38    4026947.41        1.49642                    260182.96
4026922.56        1.44002
         260220.09    4027642.77        0.37176                    260219.68
4027617.92        0.47352
         260219.26    4027593.07        0.56949                    260218.84
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4027568.22        0.67429
         260218.42    4027543.37        0.74490                       260218.00
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4027468.82        0.89937
         260216.75    4027443.97        0.93593                       260216.33
4027419.12        0.96566
         260215.91    4027394.28        0.99714                       260215.49
4027369.43        1.02499
         260215.07    4027344.58        1.04584                       260214.66
4027319.73        1.06020
```



```
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                  INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                 PHASE1      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         260214.24    4027294.88        1.07642                       260213.82
4027270.03        1.09201
         260213.40    4027245.18        1.10275                       260212.98
4027220.33        1.10885
         260212.56    4027195.48        1.11508                       260212.15
4027170.63        1.13107
         260211.73    4027145.78        1.13775                       260211.31
4027120.93        1.13895
         260210.89    4027096.08        1.13519                       260210.47
4027071.23        1.13267
         260210.05    4027046.38        1.12432                       260209.63
4027021.54        1.11272
         260209.22    4026996.69        1.10861                       260208.80
4026971.84        1.10741
         260208.38    4026946.99        1.09035                       260207.96
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4026922.14        1.06445
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4027617.50        0.33048
         260244.25    4027592.65        0.39184                   260243.84
4027567.80        0.46004
         260243.42    4027542.95        0.51630                   260243.00
4027518.10        0.56773
         260242.58    4027493.25        0.61533                   260242.16
4027468.40        0.65327
         260241.74    4027443.55        0.69025                   260241.33
4027418.70        0.72057
         260240.91    4027393.85        0.74722                   260240.49
4027369.01        0.77061
         260240.07    4027344.16        0.79134                   260239.65
4027319.31        0.81031
         260239.23    4027294.46        0.82621                   260238.82
4027269.61        0.84052
         260238.40    4027244.76        0.85290                   260237.98
4027219.91        0.86363
         260237.56    4027195.06        0.87359                   260237.14
4027170.21        0.87818
         260236.72    4027145.36        0.88499                   260236.30
4027120.51        0.88667
         260235.89    4027095.66        0.88462                   260235.47
4027070.81        0.88555
         260235.05    4027045.96        0.88463                   260234.63
4027021.11        0.88169
         260234.21    4026996.26        0.88131                   260233.79
4026971.42        0.87544
         260233.38    4026946.57        0.86557                   260232.96
4026921.72        0.85064
         260232.54    4026896.87        0.82705                   260270.09
4027641.93        0.20886
         260269.67    4027617.08        0.24698                   260269.25
4027592.23        0.28964
         260268.83    4027567.38        0.33635                   260268.41
4027542.53        0.38109
         260268.00    4027517.68        0.42394                   260267.58
4027492.83        0.46325
         260267.16    4027467.98        0.49791                   260266.74
4027443.13        0.53060
         260266.32    4027418.28        0.55800                   260265.90
4027393.43        0.58360
         260265.49    4027368.58        0.60661                   260265.07
4027343.73        0.62662
         260264.65    4027318.89        0.64458                   260264.23
4027294.04        0.66078
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4027244.34        0.68783
         260262.97    4027219.49        0.69579                   260262.56
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4027144.10        0.51611
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4027094.40        0.52745
         260310.46    4027069.55        0.53012                   260310.04
4027044.70        0.53181
         260309.62    4027019.85        0.53373                   260309.20
4026995.00        0.53697
         260308.78    4026970.15        0.53669                   260308.37
4026945.30        0.53466
         260307.95    4026920.45        0.53058                   260307.53
4026895.60        0.52413
         260370.07    4027640.24        0.11207                   260369.65
4027615.39        0.12201
         260369.24    4027590.55        0.13386                   260368.82
4027565.70        0.14739
         260368.40    4027540.85        0.16235                   260367.98
4027516.00        0.17873
         260367.56    4027491.15        0.19619                   260367.14
4027466.30        0.21414
         260366.73    4027441.45        0.23202                   260366.31
4027416.60        0.24955
         260365.89    4027391.75        0.26647                   260365.47
4027366.90        0.28264
         260365.05    4027342.05        0.29783                   260364.63
4027317.20        0.31190
         260364.22    4027292.35        0.32564                   260363.80
4027267.50        0.33828
         260363.38    4027242.65        0.34994                   260362.96
4027217.80        0.36071
         260362.54    4027192.96        0.37049                   260362.12
4027168.11        0.37928
         260361.71    4027143.26        0.38702                   260361.29
4027118.41        0.39387
         260360.87    4027093.56        0.39971                   260360.45
4027068.71        0.40461
         260420.07    4027639.40        0.09050                   260419.65
4027614.55        0.09677
         260419.23    4027589.70        0.10415                   260418.81
4027564.85        0.11260
         260418.39    4027540.00        0.12205                   260417.97
4027515.16        0.13244
         260417.56    4027490.31        0.14370                   260417.14
4027465.46        0.15567
         260416.72    4027440.61        0.16814                   260416.30
4027415.76        0.18085
         260415.88    4027390.91        0.19362                   260415.46
4027366.06        0.20626
         260415.05    4027341.21        0.21861                   260414.63
4027316.36        0.23061
         260414.21    4027291.51        0.24220                   260413.79
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4027414.92 0.13646
260465.88 4027390.07 0.14599 260465.46
4027365.22 0.15592
260465.04 4027340.37 0.16566 260464.62
4027315.52 0.17538
260464.20 4027290.67 0.18495 260463.78
4027265.82 0.19428
260463.36 4027240.97 0.20336 260462.95
4027216.12 0.21187
260462.53 4027191.27 0.21920 260462.11
4027166.42 0.22579
260461.69 4027141.57 0.23373 260461.27
4027116.72 0.24105
260460.85 4027091.87 0.24747 260460.44
4027067.03 0.25358
260570.46 4027661.73 0.05366 260570.04
4027636.88 0.05570
260569.63 4027612.03 0.05791 260569.21
4027587.18 0.06034
260568.79 4027562.33 0.06319 260568.37
4027537.48 0.06640
260567.95 4027512.63 0.06998 260567.53
4027487.78 0.07388
260567.12 4027462.93 0.07807 260566.70
4027438.08 0.08267
260566.28 4027413.23 0.08754 260565.86
4027388.38 0.09273
260565.44 4027363.53 0.09810 260565.02
4027338.68 0.10369
260564.61 4027313.84 0.10958 260564.19
4027288.99 0.11576
260563.77 4027264.14 0.12217 260563.35
4027239.29 0.12831
260562.93 4027214.44 0.13442 260562.51
4027189.59 0.14033
260562.10 4027164.74 0.14566 260561.68
4027139.89 0.15055
260561.26 4027115.04 0.15622 260560.84
4027090.19 0.16296
260560.42 4027065.34 0.16841 260560.00
4027040.49 0.17319
260559.59 4027015.64 0.17716 260559.17
4026990.79 0.18138
260558.75 4026965.94 0.18580 260558.33
4026941.09 0.18784
260557.91 4026916.25 0.18932 260557.49
4026891.40 0.19228
260670.45 4027660.04 0.04214 260670.03
4027635.19 0.04321
260669.61 4027610.34 0.04462 260669.19

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4027585.49        0.04622
         260668.78    4027560.65        0.04770                       260668.36
4027535.80        0.04952
         260667.94    4027510.95        0.05175                       260667.52
4027486.10        0.05412
         260667.10    4027461.25        0.05670                       260666.68
4027436.40        0.05950
         260666.27    4027411.55        0.06247                       260665.85
4027386.70        0.06561
         260665.43    4027361.85        0.06885                       260665.01
4027337.00        0.07195
         260664.59    4027312.15        0.07531                       260664.17
4027287.30        0.07905
         260663.75    4027262.45        0.08303                       260663.34
4027237.60        0.08707
         260662.92    4027212.75        0.09091                       260662.50
4027187.90        0.09487
         260662.08    4027163.06        0.09910                       260661.66
4027138.21        0.10343
         260661.24    4027113.36        0.10759                       260660.83
4027088.51        0.11212
         260660.41    4027063.66        0.11636                       260769.98
4027675.57        0.03397
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```
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                 PHASE1      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         260770.02    4027633.51        0.03528                       260769.60
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         260769.18    4027583.81        0.03709                       260768.76
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4027558.96        0.03815
         260768.34    4027534.11        0.03937                   260767.92
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4027459.56        0.04416
         260766.67    4027434.72        0.04605                   260766.25
4027409.87        0.04799
         260765.83    4027385.02        0.05001                   260765.41
4027360.17        0.05214
         260765.00    4027335.32        0.05448                   260764.58
4027310.47        0.05683
         260764.16    4027285.62        0.05909                   260763.74
4027260.77        0.06138
         260763.32    4027235.92        0.06406                   260762.90
4027211.07        0.06665
         260762.49    4027186.22        0.06942                   260762.07
4027161.37        0.07231
         260761.65    4027136.52        0.07506                   260761.23
4027111.67        0.07813
         260760.81    4027086.82        0.08223                   260760.39
4027061.97        0.08588
         260759.98    4027037.13        0.08897                   260759.56
4027012.28        0.09182
         260759.14    4026987.43        0.09489                   260758.72
4026962.58        0.09815
         260758.30    4026937.73        0.10111                   260757.88
4026912.88        0.10385
         260757.46    4026888.03        0.10640                   260869.89
4027676.75        0.02847
         260870.00    4027631.83        0.02955                   260869.58
4027606.98        0.03022
         260869.17    4027582.13        0.03095                   260868.75
4027557.28        0.03176
         260868.33    4027532.43        0.03266                   260867.91
4027507.58        0.03368
         260867.49    4027482.73        0.03482                   260867.07
4027457.88        0.03607
         260866.66    4027433.03        0.03741                   260866.24
4027408.18        0.03881
         260865.82    4027383.33        0.04006                   260865.40
4027358.48        0.04139
         260864.98    4027333.63        0.04286                   260864.56
4027308.78        0.04451
         260864.14    4027283.94        0.04623                   260863.73
4027259.09        0.04780
         260863.31    4027234.24        0.04955                   260862.89
4027209.39        0.05173
         260862.47    4027184.54        0.05391                   260862.05
4027159.69        0.05597
         260861.63    4027134.84        0.05795                   260861.22
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4027109.99        0.06006
         260860.80    4027085.14        0.06273                       260860.38
4027060.29        0.06510
         261069.89    4027672.67        0.02159                       261069.97
4027628.46        0.02237
         261069.56    4027603.61        0.02280                       261069.14
4027578.76        0.02327
         261068.72    4027553.91        0.02379                       261068.30
4027529.06        0.02424
         261067.88    4027504.21        0.02491                       261067.46
4027479.36        0.02562
         261067.05    4027454.51        0.02639                       261066.63
4027429.66        0.02721
         261066.21    4027404.82        0.02804                       261065.79
4027379.97        0.02891
         261065.37    4027355.12        0.02968                       261064.95
4027330.27        0.03068
         261064.54    4027305.42        0.03170                       261064.12
4027280.57        0.03253
         261063.70    4027255.72        0.03346                       261063.28
4027230.87        0.03458
         261062.86    4027206.02        0.03572                       261062.44
4027181.17        0.03677
         261062.02    4027156.32        0.03783                       261061.61
4027131.47        0.03903
         261061.19    4027106.62        0.04016                       261060.77
4027081.77        0.04142
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 402
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                PHASE1      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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261270.36	4027649.94	0.01807	261269.95	4027625.09	0.01843
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261268.69	4027550.54	0.01946	261268.27	4027525.70	0.01964
261267.85	4027500.85	0.01982	261267.44	4027476.00	0.02028
261267.02	4027451.15	0.02096	261266.60	4027426.30	0.02164
261266.18	4027401.45	0.02217	261265.76	4027376.60	0.02264
261265.34	4027351.75	0.02316	261264.93	4027326.90	0.02384
261264.51	4027302.05	0.02433	261264.09	4027277.20	0.02495
261263.67	4027252.35	0.02560	261263.25	4027227.50	0.02610
261262.83	4027202.65	0.02669	261262.41	4027177.80	0.02746
261262.00	4027152.95	0.02821	261261.58	4027128.11	0.02892
261261.16	4027103.26	0.02964	261260.74	4027078.41	0.03038
261260.32	4027053.56	0.03114	261469.75	4027668.94	0.01524
261468.58	4027713.68	0.01477	261470.34	4027646.58	0.01546
261469.92	4027621.73	0.01569	261469.50	4027596.88	0.01615
261469.08	4027572.03	0.01649	261468.66	4027547.18	0.01675
261468.24	4027522.33	0.01703	261467.83	4027497.48	0.01732
261467.41	4027472.63	0.01761	261466.99	4027447.78	0.01789
261466.57	4027422.93	0.01817	261466.15	4027398.08	0.01847
261465.73	4027373.23	0.01880	261465.32	4027348.38	0.01914
261464.90	4027323.53	0.01945	261464.48	4027298.68	0.01982
261464.06	4027273.83	0.02022	261463.64	4027248.99	0.02064
261463.22	4027224.14	0.02105	261462.80		

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4027199.29        0.02149
         261462.39    4027174.44        0.02194                        261461.97
4027149.59        0.02238
         261461.55    4027124.74        0.02283                        261461.13
4027099.89        0.02335
         261460.71    4027075.04        0.02391                        261460.29
4027050.19        0.02445
         261459.88    4027025.34        0.02498                        261459.46
4027000.49        0.02552
         261459.04    4026975.64        0.02607                        261458.62
4026950.79        0.02659
         261458.20    4026925.94        0.02713                        261457.78
4026901.09        0.02770
         261457.37    4026876.25        0.02820                        261669.74
4027664.72        0.01366
         261668.62    4027707.73        0.01323                        261669.89
4027618.36        0.01408
         261669.47    4027593.51        0.01435                        261669.05
4027568.66        0.01458
         261668.63    4027543.81        0.01479                        261668.22
4027518.96        0.01500
         261667.80    4027494.11        0.01519                        261667.38
4027469.26        0.01537
         261666.96    4027444.41        0.01553                        261666.54
4027419.56        0.01570
         261666.12    4027394.71        0.01588                        261665.71
4027369.87        0.01607
         261665.29    4027345.02        0.01628                        261664.87
4027320.17        0.01651
         261664.45    4027295.32        0.01674                        261664.03
4027270.47        0.01699
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 403
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                PHASE1      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                                ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
261663.61	4027245.62	0.01727	261663.19	4027220.77	0.01758
261662.78	4027195.92	0.01789	261662.36	4027171.07	0.01823
261661.94	4027146.22	0.01857	261661.52	4027121.37	0.01894
261661.10	4027096.52	0.01929	261660.68	4027071.67	0.01966
261660.27	4027046.82	0.02005	261659.85	4027021.97	0.02045
261659.43	4026997.12	0.02085	261659.01	4026972.28	0.02124
261658.59	4026947.43	0.02165	261658.17	4026922.58	0.02209
261657.76	4026897.73	0.02250	261657.34	4026872.88	0.02290
260288.10	4026826.13	0.53025	260294.23	4026848.07	0.53392
260300.37	4026870.01	0.53180	260348.08	4026861.01	0.42394
260374.46	4026775.74	0.35305	260380.66	4026797.90	0.35348
260386.85	4026820.06	0.35189	260393.05	4026842.22	0.34877
260399.25	4026864.38	0.34409	260420.80	4026761.83	0.30062
260504.00	4026700.14	0.22675	260510.29	4026722.64	0.22546
260516.59	4026745.14	0.22359	260522.88	4026767.64	0.22114
260529.17	4026790.14	0.21779	260535.47	4026812.64	0.21368
260541.76	4026835.14	0.20859	260548.05	4026857.65	0.20308
260590.35	4026649.71	0.17822	260596.64	4026672.21	0.17682
260602.94	4026694.71	0.17487	260609.23	4026717.21	0.17270
260615.52	4026739.71	0.17007	260626.01	4026777.21	0.16453
260648.04	4026855.96	0.14941	260676.70	4026599.27	0.14454
260682.99	4026621.77	0.14322	260689.29	4026644.27	0.14159
260695.58	4026666.77	0.13953	260701.87		

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4026689.27        0.13710
         260708.17    4026711.78        0.13448                        260714.46
4026734.28        0.13160
         260720.75    4026756.78        0.12843                        260727.05
4026779.28        0.12492
         260733.34    4026801.78        0.12136                        260739.63
4026824.28        0.11764
         260745.93    4026846.78        0.11376                        260763.05
4026548.84        0.12029
         260769.34    4026571.34        0.11886                        260775.64
4026593.84        0.11725
         260781.93    4026616.34        0.11542                        260788.22
4026638.84        0.11339
         260794.52    4026661.34        0.11122                        260800.81
4026683.84        0.10884
         260807.10    4026706.34        0.10627                        260813.40
4026728.84        0.10353
         260825.98    4026773.84        0.09764                        260846.96
4026848.84        0.08710
         260935.75    4026447.97        0.08775                        260942.04
4026470.47        0.08655
         260948.34    4026492.97        0.08521                        260954.63
4026515.47        0.08378
         260960.92    4026537.97        0.08222                        260967.22
4026560.47        0.08059
         260973.51    4026582.97        0.07896                        260979.80
4026605.47        0.07723
         260986.10    4026627.97        0.07539                        260992.39
4026650.47        0.07348
         260998.68    4026672.97        0.07153                        261004.98
4026695.47        0.06947
         261011.27    4026717.98        0.06735                        261019.66
4026747.98        0.06442
         261108.46    4026347.13        0.06739                        261114.80
4026369.78        0.06647
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                  PAGE 404
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                PHASE1      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
261121.13	4026392.44	0.06552	261127.47	4026415.10	0.06446
261133.81	4026437.76	0.06331	261140.15	4026460.42	0.06210
261146.48	4026483.08	0.06085	261152.82	4026505.74	0.05956
261159.16	4026528.40	0.05824	261165.50	4026551.06	0.05690
261171.84	4026573.72	0.05553	261178.17	4026596.37	0.05413
261184.51	4026619.03	0.05267	261190.85	4026641.69	0.05120
261197.19	4026664.35	0.04974	261203.52	4026687.01	0.04830
261209.86	4026709.67	0.04689	261219.37	4026743.66	0.04470
261281.16	4026246.25	0.05453	261287.49	4026268.89	0.05373
261293.82	4026291.52	0.05284	261300.15	4026314.16	0.05192
261306.48	4026336.79	0.05100	261312.81	4026359.42	0.05009
261319.14	4026382.06	0.04916	261325.47	4026404.69	0.04820
261331.80	4026427.33	0.04721	261338.13	4026449.96	0.04621
261344.47	4026472.60	0.04518	261350.80	4026495.23	0.04417
261357.13	4026517.87	0.04319	261363.46	4026540.50	0.04216
261369.79	4026563.14	0.04114	261376.12	4026585.77	0.04000
261382.45	4026608.40	0.03885	261388.78	4026631.04	0.03782
261395.11	4026653.67	0.03698	261401.44	4026676.31	0.03610
261407.77	4026698.94	0.03512	261414.10	4026721.58	0.03415
261420.44	4026744.21	0.03320	261426.77	4026766.85	0.03228
261433.10	4026789.48	0.03132	261439.43		

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4026812.11        0.03043
         261445.76    4026834.75        0.02955                        261453.86
4026145.38        0.04545
         261460.18    4026168.00        0.04476                        261466.51
4026190.61        0.04406
         261472.83    4026213.23        0.04335                        261479.16
4026235.85        0.04259
         261485.49    4026258.46        0.04180                        261491.81
4026281.08        0.04104
         261498.14    4026303.70        0.04030                        261504.46
4026326.31        0.03958
         261510.79    4026348.93        0.03882                        261517.11
4026371.55        0.03805
         261523.44    4026394.16        0.03730                        261529.77
4026416.78        0.03652
         261536.09    4026439.39        0.03572                        261542.42
4026462.01        0.03496
         261548.74    4026484.63        0.03425                        261555.07
4026507.24        0.03359
         261561.40    4026529.86        0.03289                        261567.72
4026552.48        0.03217
         261574.05    4026575.09        0.03144                        261580.37
4026597.71        0.03073
         261586.70    4026620.33        0.03001                        261593.02
4026642.94        0.02930
         261599.35    4026665.56        0.02858                        261605.68
4026688.18        0.02789
         261612.00    4026710.79        0.02720                        261618.33
4026733.41        0.02653
         261624.65    4026756.03        0.02588                        261630.98
4026778.64        0.02523
         261637.31    4026801.26        0.02463                        261643.63
4026823.88        0.02407
         261649.96    4026846.49        0.02352                        260178.22
4026852.86        1.05007
         260186.13    4026829.14        0.84556                        260206.65
4026845.81        0.85362
         260187.19    4026799.87        0.69478                        260223.53
4026769.10        0.55184
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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                                  PAGE 405
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL        ***
                                    INCLUDING SOURCE(S):     PHASE4      , PHASE3A
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, PHASE2A , PHASE3B , PHASE2B ,
PHASE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260244.05	4026785.76	0.56266	260264.57	4026802.43	0.55401
260226.11	4026710.93	0.42633	260248.00	4026728.70	0.44705
260299.44	4026710.19	0.38392	260321.04	4026727.73	0.38288
260342.64	4026745.27	0.37400	260257.58	4026615.93	0.29704
260278.99	4026633.32	0.31093	260300.41	4026650.70	0.32199
260321.82	4026668.09	0.32866	260343.24	4026685.48	0.33012
260333.14	4026556.74	0.24266	260355.03	4026574.51	0.24930
260376.92	4026592.29	0.25360	260398.81	4026610.06	0.25514
260420.70	4026627.83	0.25372	260442.59	4026645.61	0.24947
260464.49	4026663.38	0.24274	260486.38	4026681.15	0.23410
260320.88	4026426.24	0.17755	260342.49	4026443.78	0.18445
260364.09	4026461.32	0.19072	260385.69	4026478.86	0.19622
260407.30	4026496.40	0.20070	260428.90	4026513.94	0.20386
260450.50	4026531.48	0.20540	260472.11	4026549.02	0.20527
260572.92	4026630.87	0.18403	260352.60	4026331.45	0.14433
260374.49	4026349.23	0.14989	260396.39	4026367.00	0.15505
260483.95	4026438.10	0.16928	260505.84	4026455.87	0.17055
260527.73	4026473.64	0.17070	260549.62	4026491.42	0.16967
260571.51	4026509.19	0.16739	260593.40		

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4026526.96        0.16414
         260615.30    4026544.74        0.15981                       260637.19
4026562.51        0.15452
         260659.08    4026580.28        0.14888                       260384.16
4026236.53        0.11967
         260405.84    4026254.14        0.12419                       260427.53
4026271.74        0.12850
         260449.21    4026289.35        0.13250                       260470.90
4026306.95        0.13606
         260492.58    4026324.56        0.13916                       260514.26
4026342.17        0.14169
         260535.95    4026359.77        0.14357                       260557.63
4026377.38        0.14473
         260579.32    4026394.98        0.14515                       260601.00
4026412.59        0.14476
         260622.69    4026430.19        0.14355                       260644.37
4026447.80        0.14154
         260709.42    4026500.62        0.13151                       260731.11
4026518.22        0.12719
         260447.42    4026046.81        0.08598                       260469.15
4026064.45        0.08929
         260505.36    4026093.85        0.09451                       260548.82
4026129.14        0.10022
         260570.55    4026146.78        0.10272                       260592.28
4026164.42        0.10492
         260614.01    4026182.07        0.10674                       260635.74
4026199.71        0.10821
         260657.47    4026217.35        0.10933                       260679.20
4026235.00        0.10998
         260700.93    4026252.64        0.11017                       260722.66
4026270.28        0.10995
         260744.39    4026287.92        0.10931                       260766.12
4026305.57        0.10820
         260860.29    4026382.02        0.09876                       260882.02
4026399.66        0.09578
         260903.75    4026417.30        0.09266                       260510.67
4025857.08        0.06493
         260532.43    4025874.74        0.06716                       260554.19
4025892.41        0.06957
         260575.95    4025910.08        0.07198                       260699.25
4026010.19        0.08330
         260721.01    4026027.85        0.08472                       260742.77
4026045.52        0.08587
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
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                                  PAGE 406
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): PHASE4 , PHASE3A , PHASE2A , PHASE3B , PHASE2B , PHASE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
260764.53	4026063.19	0.08676	260786.29	4026080.85	0.08737
260808.05	4026098.52	0.08769	260829.81	4026116.18	0.08777
260851.57	4026133.85	0.08759	260873.32	4026151.52	0.08712
260895.08	4026169.18	0.08638	260916.84	4026186.85	0.08534
261011.13	4026263.40	0.07810	261032.89	4026281.07	0.07594
261054.65	4026298.74	0.07366	261076.41	4026316.40	0.07125
260573.93	4025667.35	0.05108	260595.71	4025685.03	0.05285
260617.48	4025702.71	0.05462	260639.26	4025720.39	0.05641
260661.04	4025738.08	0.05811	260769.94	4025826.49	0.06618
260849.80	4025891.33	0.07046	260871.58	4025909.01	0.07122
260893.36	4025926.69	0.07180	260915.13	4025944.38	0.07222
260936.91	4025962.06	0.07244	260958.69	4025979.74	0.07246
260980.47	4025997.43	0.07228	261002.25	4026015.11	0.07191
261024.03	4026032.79	0.07140	261045.81	4026050.47	0.07068
261067.59	4026068.16	0.06978	261089.37	4026085.84	0.06871
261111.15	4026103.52	0.06748	261132.93	4026121.20	0.06611
261154.71	4026138.89	0.06463	261176.49		

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4026156.57        0.06304
         261198.26    4026174.25        0.06138                       261220.04
4026191.94        0.05965
         261241.82    4026209.62        0.05785                       261263.60
4026227.30        0.05605
         260637.18    4025477.61        0.04146                       260658.97
4025495.31        0.04281
         260680.76    4025513.00        0.04419                       260702.56
4025530.70        0.04560
         260724.35    4025548.39        0.04700                       260746.15
4025566.09        0.04834
         260767.94    4025583.78        0.04965                       260789.73
4025601.48        0.05094
         260811.53    4025619.17        0.05223                       260833.32
4025636.87        0.05348
         260855.12    4025654.56        0.05468                       260876.91
4025672.26        0.05584
         260898.71    4025689.95        0.05694                       260920.50
4025707.65        0.05794
         260942.29    4025725.34        0.05879                       260964.09
4025743.04        0.05953
         260985.88    4025760.73        0.06014                       261007.68
4025778.43        0.06062
         261029.47    4025796.12        0.06099                       261051.26
4025813.82        0.06133
         261073.06    4025831.51        0.06146                       261094.85
4025849.21        0.06141
         261116.65    4025866.90        0.06123                       261138.44
4025884.59        0.06092
         261160.23    4025902.29        0.06053                       261182.03
4025919.98        0.05996
         261203.82    4025937.68        0.05929                       261225.62
4025955.37        0.05848
         261247.41    4025973.07        0.05755                       261269.20
4025990.76        0.05652
         261291.00    4026008.46        0.05539                       261312.79
4026026.15        0.05418
         261334.59    4026043.85        0.05290                       261356.38
4026061.54        0.05161
         261378.18    4026079.24        0.05032                       261399.97
4026096.93        0.04896
         261421.76    4026114.63        0.04755                       259786.65
4026922.81        1.38074
         259785.22    4026946.18        1.48131                       259786.24
4026967.32        1.55728
         259787.46    4026993.13        1.71749                       259786.85
4027016.70        1.99253
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE1 ***
INCLUDING SOURCE(S): PHASE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
260122.88	4026867.29	67.63576	(19121116)	260099.69	4026867.81	73.33290	(19121116)
260076.51	4026868.33	76.08380	(19121116)	260053.32	4026868.85	79.49615	(19121116)
260030.13	4026869.37	82.14662	(19121116)	260006.94	4026869.89	83.49837	(19121116)
259983.76	4026870.42	82.73981	(19121116)	259960.57	4026870.94	80.11764	(19121116)
260145.51	4026841.77	62.29782	(19121116)	260122.32	4026842.29	67.44558	(19121116)
260099.13	4026842.82	71.65270	(19121116)	260075.94	4026843.34	72.75957	(19121116)
260052.76	4026843.86	75.67554	(19121116)	260029.57	4026844.38	78.16529	(19121116)
260006.38	4026844.90	78.72588	(19121116)	259983.19	4026845.42	76.31754	(19121116)
259960.01	4026845.94	72.29951	(19121116)	260157.65	4026818.69	59.84203	(19121116)
260121.76	4026817.30	66.75491	(19121116)	260098.57	4026817.82	70.49157	(19121116)
260075.38	4026818.34	70.30161	(19121116)	260052.19	4026818.86	71.58566	(19121116)
260029.01	4026819.39	72.89802	(19121116)	260005.82	4026819.91	73.05355	(19121116)
259982.63	4026820.43	70.45600	(19121116)	259959.44	4026820.95	67.41338	(19121116)
260161.32	4026794.34	59.14192	(19121116)	260121.20	4026792.31	65.70728	(19121116)
260098.01	4026792.83	67.74008	(19121116)	260074.82	4026793.35	67.53647	(19121116)
260051.63	4026793.87	68.13763	(19121116)	260028.45			

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4026794.39       68.79665  (19121116)
        260005.26   4026794.91       68.79185  (19121116)                259982.07
4026795.43       67.09364  (19121116)
        259958.88   4026795.96       65.10131  (19121116)                260160.19
4026744.35       59.63576  (19121116)
        260120.07   4026742.32       63.07622  (19121116)                260096.88
4026742.84       63.38538  (19121116)
        260073.70   4026743.36       63.47726  (19121116)                260050.51
4026743.88       63.98177  (19121116)
        260027.32   4026744.40       63.75955  (19121116)                260004.13
4026744.93       63.19928  (19121116)
        259980.95   4026745.45       63.39669  (19121116)                259957.76
4026745.97       63.34941  (19121116)
        260164.72   4026695.21       60.77973  (19121116)                260187.30
4026698.62       59.45126  (19121116)
        260142.14   4026691.81       61.75416  (19121116)                260118.95
4026692.33       61.97269  (19121116)
        260095.76   4026692.85       61.13306  (19121116)                260072.57
4026693.37       58.61766  (19121116)
        260049.39   4026693.90       58.84896  (19121116)                260026.20
4026694.42       59.64587  (19121116)
        260003.01   4026694.94       60.83088  (19121116)                259979.82
4026695.46       62.48636  (19121116)
        259956.64   4026695.98       64.77268  (19121116)                260162.18
4026645.01       58.01438  (19121116)
        260204.52   4026651.40       57.81574  (19121116)                260117.82
4026642.34       56.55786  (19121116)
        260094.64   4026642.87       55.56848  (19121116)                260071.45
4026643.39       54.59305  (19121116)
        260048.26   4026643.91       54.73804  (19121116)                260025.07
4026644.43       55.79416  (19121116)
        260001.89   4026644.95       57.60720  (19121116)                259978.70
4026645.47       59.74658  (19121116)
        259955.51   4026645.99       61.74130  (19121116)                260160.21
4026594.90       52.57709  (19121116)
        260200.85   4026601.03       53.99225  (19121116)                260116.70
4026592.36       52.26099  (19121116)
        260093.51   4026592.88       52.80847  (19121116)                260070.33
4026593.40       53.26766  (19121116)
        260047.14   4026593.92       53.36328  (19121116)                260023.95
4026594.44       54.18128  (19121116)
        260000.76   4026594.96       55.49443  (19121116)                259977.58
4026595.48       56.86750  (19121116)
        259954.39   4026596.01       57.68818  (19121116)                260160.22
4026495.27       46.18121  (19121116)
        260182.80   4026498.67       46.62326  (19121116)                260205.38
4026502.07       46.99242  (19121116)
        260227.96   4026505.48       47.42254  (19121116)                260250.54
4026508.88       47.85242  (19121116)
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                  INCLUDING SOURCE(S):   PHASE1   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        260137.64   4026491.86   46.37212 (19121116)   260114.45
4026492.38   46.95975 (19121116)
        260091.27   4026492.90   47.96872 (19121116)   260068.08
4026493.42   49.28297 (19121116)
        260044.89   4026493.95   50.23960 (19121116)   260021.70
4026494.47   49.63886 (19121116)
        259998.52   4026494.99   48.24287 (19121116)   259975.33
4026495.51   46.43649 (19121116)
        259952.14   4026496.03   44.34305 (19121116)   260156.56
4026395.08   42.78015 (19121116)
        260198.90   4026401.46   42.77484 (19121116)   260241.24
4026407.84   43.38225 (19121116)
        260283.58   4026414.23   43.97511 (19121116)   260112.21
4026392.41   42.69716 (19121116)
        260089.02   4026392.93   41.62938 (19121116)   260065.83
4026393.45   40.01251 (19121116)
        260042.64   4026393.97   38.89649 (19121116)   260019.46
4026394.49   36.78935 (19121116)
        259996.27   4026395.01   34.26009 (19121116)   259973.08
4026395.54   31.77712 (19121116)
        259949.89   4026396.06   31.25228 (19120316)   260155.73
4026295.32   38.79235 (19121116)
        260178.31   4026298.72   39.66868 (19121116)   260200.89
4026302.12   39.76469 (19121116)
        260223.47   4026305.53   39.52940 (19121116)   260246.05
4026308.93   40.28825 (19121116)
        260268.63   4026312.34   40.87179 (19121116)   260291.21
4026315.74   41.22314 (19121116)
        260313.79   4026319.15   41.45245 (19121116)   260133.15

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4026291.91       37.24539  (19121116)
        260109.96   4026292.43       35.37633  (19121116)                260086.77
4026292.95       32.92648  (19121116)
        260063.58   4026293.48       30.04014  (19121116)                260040.40
4026294.00       26.91419  (19121116)
        260017.21   4026294.52       26.00646  (19120316)                259994.02
4026295.04       26.20030  (19120316)
        259970.83   4026295.56       26.15826  (19120316)                259947.65
4026296.08       25.98326  (19120316)
        260152.45   4026195.19       30.21792  (19121116)                260195.56
4026201.69       33.69749  (19121116)
        260238.67   4026208.18       36.19780  (19121116)                260281.77
4026214.68       37.53380  (19121116)
        260324.88   4026221.18       37.70650  (19121116)                260107.71
4026192.46       25.01158  (19121116)
        260084.52   4026192.98       24.14937  (19120316)                260061.34
4026193.50       24.40609  (19120316)
        260038.15   4026194.02       24.34613  (19120316)                260014.96
4026194.54       24.49001  (19120316)
        259991.77   4026195.06       24.16210  (19120316)                259968.59
4026195.59       23.72373  (20122409)
        259945.40   4026196.11       24.84337  (20122409)                260148.18
4025995.27       21.68567  (19120316)
        260191.72   4026001.84       20.82693  (19120316)                260235.27
4026008.40       20.58548  (19121116)
        260278.82   4026014.97       24.49137  (19121116)                260322.37
4026021.53       28.51949  (19121116)
        260365.91   4026028.10       31.90545  (19121116)                260409.46
4026034.66       33.50228  (19121116)
        260103.22   4025992.51       21.81423  (19120316)                260080.03
4025993.03       21.19504  (19120316)
        260056.84   4025993.55       20.33105  (19120316)                260033.65
4025994.07       19.85222  (20122409)
        260010.47   4025994.59       20.69355  (20122409)                259987.28
4025995.11       21.41800  (20122409)
        259964.09   4025995.64       22.12977  (20122409)                259940.90
4025996.16       22.90239  (20122409)
        260143.82   4025795.34       18.13904  (19120316)                260187.66
4025801.95       18.97825  (19120316)
        260231.49   4025808.56       19.00093  (19120316)                260275.32
4025815.17       18.55527  (19120316)
        260319.15   4025821.78       17.86675  (19120316)                260362.98
4025828.38       18.24203  (19121116)
        260406.82   4025834.99       22.00725  (19121116)                260450.65
4025841.60       25.28904  (19121116)
        260098.72   4025792.56       16.55996  (20122409)                260075.53
4025793.08       17.50579  (20122409)
        260052.35   4025793.60       18.25787  (20122409)                260029.16
4025794.12       18.87394  (20122409)
        260005.97   4025794.64       19.45938  (20122409)                259982.78
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE1   ***
                                  INCLUDING SOURCE(S):   PHASE1   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF OTHER   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
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4025442.09       15.49965  (19120316)
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4025455.41       13.81485  (19120316)
        260576.79   4025462.07       12.50814  (19120316)                260089.73
4025392.66       15.94193  (20122409)
        260066.54   4025393.18       16.58810  (20122409)                260043.36
4025393.70       17.14402  (20122409)
        260020.17   4025394.22       17.52316  (20122409)                259996.98
4025394.75       17.75167  (20122409)
        259973.79   4025395.27       17.82072  (20122409)                259950.61
4025395.79       17.71842  (20122409)
        259927.42   4025396.31       17.41286  (20122409)                259936.53
4026919.72       90.34836  (19121116)
        259936.93   4026943.08       95.43797  (19121116)                259937.33
4026966.44      102.15908  (19121116)
        259937.73   4026989.80      110.96219  (19121116)                259938.13
4027013.16      116.26547  (19121116)
        259918.11   4026879.03       74.60420  (19121116)                259911.54
4026920.14       86.55007  (19121116)
        259911.93   4026943.51       92.00206  (19121116)                259912.33
4026966.87       97.99904  (19121116)
        259912.73   4026990.23      105.41701  (19121116)                259913.13
4027013.59      110.71604  (19121116)
        259893.11   4026879.46       73.65194  (19121116)                259924.52
4026836.29       67.44313  (19121116)
        259886.54   4026920.57       84.74344  (19121116)                259886.94
4026943.93       89.48910  (19121116)
        259887.34   4026967.29       95.33755  (19121116)                259887.73
4026990.66      104.60089  (19121116)
        259888.13   4027014.02      110.19432  (19121116)                259868.12
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        259882.06   4026844.38       72.56746  (19121116)                259906.50
4026818.96       67.64634  (19121116)
        259861.54   4026921.00       83.32695  (19121116)                259861.94
4026944.36       88.64705  (19121116)
        259862.34   4026967.72       95.54468  (19121116)                259862.74
4026991.08      103.45414  (19121116)
        259863.14   4027014.44      111.84807  (19121116)                259819.52
4026877.19       91.59920  (19121116)
        259827.89   4026855.88       88.98970  (19121116)                259836.25
4026834.58       85.13101  (19121116)
        259844.62   4026813.28       82.77240  (19121116)                259873.94
4026782.78       75.96017  (19121116)
        259894.90   4026773.58       72.36806  (19121116)                259915.85
4026764.37       69.00451  (19121116)
        259936.80   4026755.17       65.55871  (19121116)                259811.55
4026921.85       86.90992  (19121116)
        259811.95   4026945.21       86.31078  (19121116)                259812.35
4026968.57       89.57221  (19121116)
        259812.75   4026991.93       99.70130  (19121116)                259813.14
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4027015.30      106.74007  (19121116)
        259769.13   4026879.05      103.56796  (19121116)                259785.07
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♠ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 410
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE1   ***
                                  INCLUDING SOURCE(S):     PHASE1      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        259801.00   4026797.90       82.03029  (19121116)                259836.90
4026748.57       74.45333  (19121116)
        259876.81   4026731.04       74.12565  (19121116)                259916.72
4026713.51       69.11542  (19121116)
        259718.91   4026880.47       93.92110  (19121116)                259734.41
4026841.02       84.85813  (19121116)
        259749.90   4026801.57       75.83676  (19121116)                259765.40
4026762.13       67.88143  (19121116)
        259800.30   4026714.16       63.75924  (19121116)                259839.10
4026697.12       66.37042  (19121116)
        259877.90   4026680.08       65.16088  (19121116)                259916.71
4026663.03       63.56492  (19121116)
        259669.54   4026879.74       98.71814  (20010209)                259677.91
4026858.44       88.24151  (20010209)
        259686.28   4026837.14       76.27864  (20010209)                259694.64
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        259703.01   4026794.54       65.65069  (19121116)                259711.38
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        259719.75   4026751.94       61.47206  (20122409)                259728.11
4026730.63       59.28666  (20122409)
        259736.48   4026709.33       57.59169  (20122409)                259765.80
4026678.83       53.56855  (20122409)
        259786.76   4026669.63       51.34799  (19121116)                259807.71
4026660.42       53.22356  (19121116)
        259828.66   4026651.22       54.06608  (19121116)                259849.62
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4026642.02 54.73757 (19121116)
259870.57 4026632.82 55.73143 (19121116) 259891.53
4026623.61 57.31578 (19121116)
259912.48 4026614.41 57.85130 (19121116) 259933.43
4026605.21 57.96028 (19121116)
259569.16 4026882.46 99.04156 (20010209) 259585.09
4026841.89 92.69158 (20010209)
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259559.64 4026653.85 58.84485 (20010209) 259576.05
4026612.08 50.74273 (20010209)
259592.46 4026570.32 40.75578 (20010209) 259621.20
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259744.46 4026486.28 40.14937 (20122409) 259785.55
4026468.23 39.00483 (20122409)
259826.63 4026450.19 35.21689 (20122409) 259867.72
4026432.14 30.88773 (20122409)
259888.26 4026423.12 29.38123 (20122409) 259377.95
4026863.56 92.47198 (20121509)
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259503.46 4026544.04 50.27324 (20010209) 259511.83

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4026522.74       46.95744  (20010209)
        259520.20   4026501.43       43.44198  (20010209)                259549.52
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        259570.47   4026461.73       31.30666  (20010209)                259591.43
4026452.53       26.86042  (20010209)
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 411
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE1   ***
                                  INCLUDING SOURCE(S):     PHASE1      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        259612.38   4026443.32       24.41596  (20122409)                259633.33
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4026415.71       29.92233  (20122409)
        259696.20   4026406.51       31.69546  (20122409)                259717.15
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        259780.01   4026369.70       34.46577  (20122409)                259800.97
4026360.50       33.76738  (20122409)
        259821.92   4026351.30       32.84811  (20122409)                259842.88
4026342.09       31.65438  (20122409)
        259863.83   4026332.89       30.16577  (20122409)                259884.78
4026323.69       28.72131  (20122409)
        259905.74   4026314.49       27.45750  (20122409)                259926.69
4026305.28       26.23060  (20122409)
        259361.62   4026929.52      107.82185  (20121509)                259362.01
4026952.88      102.46854  (20121509)
        259362.41   4026976.24       97.57487  (20121509)                259362.81
4026999.61       91.96146  (20121509)
        259363.21   4027022.97       85.07474  (20121509)                259269.72
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        259278.21   4026864.64       88.11324  (20121509)                259286.70
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4026713.37       50.55044  (22122116)
        259346.12   4026691.76       48.57186  (20010209)                259354.61
4026670.15       52.51656  (20010209)
        259363.10   4026648.54       54.59745  (20010209)                259371.58
4026626.93       55.40580  (20010209)
        259380.07   4026605.32       55.38225  (20010209)                259388.56
4026583.71       54.55042  (20010209)
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        259447.98   4026432.44       44.26508  (20010209)                259477.73
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        259796.59   4026261.46       31.74871  (20122409)                259817.85
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        259924.14   4026205.44       25.95633  (20122409)                259261.63
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        259262.03   4026954.59       73.42464  (20121509)                259262.43
4026977.95       67.11262  (20121509)
        259262.83   4027001.31       58.22230  (20121509)                259263.22
4027024.67       55.83024  (18121116)
        259263.62   4027048.03       56.09303  (18121116)                259069.63
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        259111.47   4026783.47       68.41074  (20121509)                259119.83
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        259128.20   4026740.86       63.04320  (20121509)                259136.57
4026719.56       59.81904  (22122116)
🌲 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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                                  PAGE 412
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE1   ***
                                  INCLUDING SOURCE(S):     PHASE1      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                            ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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        259178.40   4026613.06       45.36919  (22122116)                259186.77
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        259195.14   4026570.45       32.11799  (22122116)                259203.51
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        259245.34   4026442.64       35.64267  (20010209)                259253.71
4026421.34       37.85117  (20010209)
        259262.08   4026400.04       39.37323  (20010209)                259270.45
4026378.74       40.38347  (20010209)
        259278.81   4026357.44       40.94803  (20010209)                259287.18
4026336.14       41.06072  (20010209)
        259295.55   4026314.84       40.68672  (20010209)                259303.91
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4026235.42       32.91907  (20010209)
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4026180.21       14.42367  (20010209)
        259542.78   4026171.01       11.55064  (20010209)                259563.73
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        259668.50   4026115.79       17.58452  (20122409)                259689.45
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        259752.32   4026078.98       23.65610  (20122409)                259773.27
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        259794.23   4026060.58       25.32319  (20122409)                259815.18
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🌲 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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                                 PAGE 413
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE1   ***
                                 INCLUDING SOURCE(S):     PHASE1      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
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        259744.33   4025880.56       17.65817  (20122409)                259765.67
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        259787.01   4025861.82       20.20752  (20122409)                259808.36
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        259467.35   4025800.28        7.42171  (22011111)                259488.47
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        259805.21   4025651.90       17.13938  (20122409)                259826.33
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4025605.53       19.69657  (20122409)
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4026941.45       44.80743  (18012309)
        258662.12   4026964.82       45.39998  (18012309)                258662.51
4026988.18       44.71490  (18012309)
        258662.91   4027011.54       43.30566  (18012309)                258663.31
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        258563.81   4026660.67       24.60317  (20121509)                 258572.34
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        258580.88   4026617.20       31.65362  (20121509)                 258589.42
4026595.46       34.47233  (20121509)
        258597.96   4026573.73       36.68503  (20121509)                 258606.50
4026551.99       37.98850  (20121509)
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 415
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE1   ***
                                 INCLUDING SOURCE(S):     PHASE1      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
        258615.03   4026530.25       38.25958  (20121509)                 258623.57
4026508.52       37.48591  (20121509)
        258632.11   4026486.78       35.58979  (20121509)                 258640.65
4026465.05       32.81318  (20121509)
        258649.19   4026443.31       29.48753  (20121509)                 258657.73
4026421.57       29.46986  (22122116)
        258666.26   4026399.84       31.82162  (22122116)                 258674.80
4026378.10       33.41403  (22122116)
        258683.34   4026356.37       34.10512  (22122116)                 258691.88
4026334.63       33.68761  (22122116)
        258700.42   4026312.89       32.46954  (22122116)                 258708.95
4026291.16       30.51960  (22122116)
        258717.49   4026269.42       27.87845  (22122116)                 258726.03
4026247.69       24.72914  (22122116)
        258734.57   4026225.95       21.22360  (22122116)                 258743.11
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4026204.21       17.59408  (22122116)
        258751.64   4026182.48       14.23894  (22122116)                258760.18
4026160.74       11.35317  (22122116)
        258768.72   4026139.01        9.36331  (22021109)                258777.26
4026117.27        8.83854  (22021109)
        258785.80   4026095.53        8.53968  (18121209)                258794.34
4026073.80        8.44862  (18121209)
        258802.87   4026052.06        8.23534  (18121209)                258811.41
4026030.33        7.92155  (18121209)
        258819.95   4026008.59        7.46717  (18121209)                258828.49
4025986.85        7.85758  (18120709)
        258837.03   4025965.12        8.85287  (18120709)                258845.56
4025943.38        9.77349  (18120709)
        258854.10   4025921.65       10.57988  (18120709)                258862.64
4025899.91       11.22471  (18120709)
        258871.18   4025878.17       11.72392  (18120709)                258901.10
4025847.05       13.90111  (20010209)
        258922.48   4025837.66       16.25369  (20010209)                258943.86
4025828.27       18.55404  (20010209)
        258965.24   4025818.88       20.69555  (20010209)                258986.63
4025809.49       22.51030  (20010209)
        259008.01   4025800.09       23.94852  (20010209)                259029.39
4025790.70       24.99569  (20010209)
        259050.77   4025781.31       25.59263  (20010209)                259072.15
4025771.92       25.75987  (20010209)
        259093.53   4025762.53       25.51239  (20010209)                259114.92
4025753.14       24.88105  (20010209)
        259136.30   4025743.75       23.86145  (20010209)                259157.68
4025734.36       22.53734  (20010209)
        259179.06   4025724.97       20.96461  (20010209)                259200.44
4025715.58       19.19823  (20010209)
        259221.82   4025706.19       17.31112  (20010209)                259243.21
4025696.80       15.38655  (20010209)
        259264.59   4025687.41       13.45930  (20010209)                259285.97
4025678.02       11.56226  (20010209)
        259307.35   4025668.63        9.74082  (20010209)                259328.73
4025659.24        8.00508  (20010209)
        259350.11   4025649.85        6.42246  (20010209)                259371.50
4025640.46        5.44486  (20010210)
        259392.88   4025631.07        5.58579  (22011111)                259414.26
4025621.68        6.24683  (22011111)
        259435.64   4025612.29        6.87560  (22011111)                259457.02
4025602.90        7.41249  (22011111)
        259478.40   4025593.51        7.85854  (22011111)                259499.79
4025584.12        8.23441  (22011111)
        259521.17   4025574.73        8.47894  (22011111)                259542.55
4025565.34        8.62001  (22011111)
        259563.93   4025555.95        8.65229  (22011111)                259585.31
4025546.55        8.55742  (22011111)
        259606.69   4025537.16        8.41056  (22011111)                259628.08
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4025527.77        8.20993  (22011111)
        259649.46   4025518.38        7.93439  (22011111)                 259670.84
4025508.99        7.59082  (22011111)
        259692.22   4025499.60        7.67705  (22020909)                 259713.60
4025490.21        8.68572  (20122409)
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4025471.43       11.17230  (20122409)
        259777.75   4025462.04       12.36114  (20122409)                 259799.13
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        259820.51   4025443.26       14.45755  (20122409)                 259841.89
4025433.87       15.33103  (20122409)
        259863.27   4025424.48       16.07589  (20122409)                 259884.66
4025415.09       16.66798  (20122409)
        259906.04   4025405.70       17.11360  (20122409)                 258461.35
4026921.50       41.92100  (18012309)
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 416
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE1   ***
                                  INCLUDING SOURCE(S):     PHASE1      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        258461.75   4026944.86       42.32161  (18012309)                 258462.14
4026968.23       41.91687  (18012309)
        258462.54   4026991.59       41.00092  (18012309)                 258462.94
4027014.95       38.95047  (18012309)
        258463.34   4027038.31       36.66476  (18012309)                 258463.74
4027061.67       34.27871  (18012309)
        259934.28   4026786.78       64.94012  (19121116)                 259843.61
4026789.17       81.13181  (19121116)
        259775.62   4026790.96       76.41511  (19121116)                 259910.29
4026737.40       71.27090  (19121116)
        259796.97   4026740.38       67.65058  (19121116)                 259774.30
4026740.98       64.23614  (19121116)
        259751.64   4026741.57       61.04607  (19121116)                 259930.33
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4026636.84       61.43117  (19121116)
        259794.33   4026640.42       46.35532  (20122409)                259771.67
4026641.01       49.00931  (20122409)
        259749.00   4026641.61       50.64267  (20122409)                259950.36
4026536.27       49.07122  (19121116)
        259927.70   4026536.87       47.33448  (19121116)                259791.70
4026540.45       43.39945  (20122409)
        259769.04   4026541.05       44.77511  (20122409)                259746.37
4026541.64       44.69953  (20122409)
        259947.73   4026436.31       35.63874  (19121116)                259925.07
4026436.90       33.05352  (19120316)
        259789.07   4026440.48       37.00258  (20122409)                259766.41
4026441.08       37.34460  (20122409)
        259743.74   4026441.68       37.03373  (20122409)                259945.10
4026336.34       27.67365  (19120316)
        259922.43   4026336.94       27.14028  (19120316)                259786.44
4026340.52       33.86037  (20122409)
        259763.77   4026341.12       33.41821  (20122409)                259741.11
4026341.71       32.28802  (20122409)
        259939.84   4026136.41       24.35278  (20122409)                259917.17
4026137.01       25.38946  (20122409)
        259894.50   4026137.61       26.20869  (20122409)                259871.84
4026138.20       27.31545  (20122409)
        259849.17   4026138.80       28.24735  (20122409)                259826.51
4026139.40       28.69364  (20122409)
        259803.84   4026139.99       28.42178  (20122409)                259781.18
4026140.59       27.14440  (20122409)
        259758.51   4026141.19       25.53088  (20122409)                259735.85
4026141.78       23.91067  (20122409)
        259934.57   4025936.48       22.66300  (20122409)                259911.91
4025937.08       23.35923  (20122409)
        259889.24   4025937.67       23.95936  (20122409)                259866.58
4025938.27       24.18572  (20122409)
        259843.91   4025938.87       24.07426  (20122409)                259821.24
4025939.46       23.54764  (20122409)
        259798.58   4025940.06       22.58572  (20122409)                259775.91
4025940.66       21.43322  (20122409)
        259753.25   4025941.25       20.00317  (20122409)                259730.58
4025941.85       18.34403  (20122409)
        259929.31   4025736.55       21.21106  (20122409)                259906.64
4025737.15       21.41670  (20122409)
        259883.98   4025737.74       21.34849  (20122409)                259861.31
4025738.34       21.01069  (20122409)
        259838.65   4025738.94       20.30918  (20122409)                259815.98
4025739.53       19.40493  (20122409)
        259793.32   4025740.13       18.27409  (20122409)                259770.65
4025740.73       16.88348  (20122409)
        259747.99   4025741.32       15.30081  (20122409)                259725.32
4025741.92       13.64655  (20122409)
        259924.05   4025536.62       18.91062  (20122409)                259901.38
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4025538.41       17.38678  (20122409)
        259833.38   4025539.01       16.56120  (20122409)                259810.72
4025539.60       15.53109  (20122409)
        259788.05   4025540.20       14.29625  (20122409)                259765.39
4025540.80       12.90762  (20122409)
        259742.72   4025541.39       11.43638  (20122409)                259720.06
4025541.99        9.89981  (20122409)
        260259.41   4027030.57       53.94062  (22121609)                260258.91
4027007.71       45.77904  (22121609)
        260258.41   4026984.85       39.20283  (22121609)                260257.92
4026961.98       33.87845  (22121609)
        260257.42   4026939.12       34.70529  (21122009)                260256.92
4026916.26       36.40370  (21122009)
        260256.42   4026893.39       37.91754  (21122009)                260359.39
4027028.40       46.46496  (22121609)
↑ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 417
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE1   ***
                                 INCLUDING SOURCE(S):     PHASE1      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        260358.89   4027005.53       40.37210  (22121609)                260358.39
4026982.67       34.70856  (22121609)
        260357.89   4026959.81       29.55939  (22121609)                260357.39
4026936.94       27.76310  (18011209)
        260356.90   4026914.08       26.30571  (18011209)                260356.40
4026891.22       26.84585  (21122009)
        260459.36   4027026.22       40.30556  (22121609)                260458.87
4027003.35       35.26292  (22121609)
        260458.37   4026980.49       30.68282  (22121609)                260457.87
4026957.63       26.37543  (22121609)
        260457.37   4026934.76       25.56485  (18011209)                260456.87
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        260658.82   4026998.99       31.65634  (22121609)                260658.32
4026976.13       27.37691  (22121609)
        260657.82   4026953.27       23.09238  (22121609)                260657.32
4026930.40       21.09459  (18011209)
        260656.82   4026907.54       21.70741  (18011209)                260656.33
4026884.68       21.86028  (18011209)
        260859.27   4027017.50       30.36884  (22121609)                260858.77
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        260858.27   4026971.77       23.40916  (22121609)                260857.77
4026948.91       19.73243  (22121609)
        260857.28   4026926.05       16.60574  (22122809)                260856.78
4026903.18       16.20066  (22122809)
        260856.28   4026880.32       16.77086  (18011209)                261059.22
4027013.14       26.32306  (22121609)
        261058.72   4026990.28       23.45575  (22121609)                261058.22
4026967.42       20.42207  (22121609)
        261057.73   4026944.55       17.24629  (22121609)                261057.23
4026921.69       14.43654  (22122809)
        261056.73   4026898.83       14.47905  (22122809)                261056.23
4026875.96       14.52723  (22122809)
        261259.17   4027008.78       23.14073  (22121609)                261258.68
4026985.92       20.74986  (22121609)
        261258.18   4026963.06       18.20383  (22121609)                261257.68
4026940.19       15.61471  (22121609)
        261257.18   4026917.33       13.11516  (22121609)                261256.68
4026894.47       12.81077  (22122809)
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4026879.73       98.96294  (19121116)
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4026829.33       84.47155  (19121116)
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4026826.23       89.86865  (19121116)
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        259879.85   4026654.96       61.45304  (19121116)                259977.30
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4026625.19   55.31783 (19121116)
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4026759.29   55.49863 (19121116)
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4026370.27   27.94508 (19120316)
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4026455.65   46.25472 (19121116)
        260199.20   4026536.38   48.30528 (19121116)   260214.18
4026570.17   50.92354 (19121116)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                 INCLUDING SOURCE(S):   PHASE1   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        260229.15   4026603.97   54.22549 (19121116)   260244.12
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        260259.09   4026671.55   51.07371 (19121116)   260274.06
4026705.35   45.71696 (19121116)
        260289.03   4026739.14   39.51263 (22010709)   260304.00
4026772.94   35.79076 (22010709)
        260318.97   4026806.73   35.23156 (21122009)   260333.94
4026840.52   32.97350 (21122009)
        259751.01   4026211.03   27.80153 (20122409)   259784.60

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4026357.90       41.32377  (19121116)
        260170.87   4026370.67       41.94794  (19121116)                260221.26
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        260252.61   4026429.06       44.07000  (19121116)                260267.16
4026461.92       45.46877  (19121116)
        260281.71   4026494.77       47.55107  (19121116)                260296.27
4026527.63       48.54580  (19121116)
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4026659.05       35.80068  (22010709)
        260369.04   4026691.90       33.62211  (22010709)                260383.60
4026724.76       32.20105  (21122009)
        260398.15   4026757.62       32.03803  (21122009)                260412.71
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        260427.26   4026823.33       26.25528  (21122009)                260441.82
4026856.18       21.81958  (18011209)
        259715.72   4026205.24       24.84675  (20122409)                259744.88
4026011.23       21.16286  (20122409)
        259778.98   4026024.19       23.57681  (20122409)                259864.21
4026056.60       25.41186  (20122409)
        259898.31   4026069.56       24.59867  (20122409)                259932.40
4026082.52       23.51230  (20122409)
        259966.50   4026095.49       22.42500  (20122409)                260000.59
4026108.45       21.46233  (20122409)
        260034.68   4026121.41       23.03310  (19120316)                260068.78
4026134.38       23.97197  (19120316)
        260102.87   4026147.34       23.47251  (19120316)                260136.97
4026160.30       24.93346  (19121116)
        260171.06   4026173.26       29.73070  (19121116)                260222.20
4026192.71       34.50358  (19121116)
        260341.53   4026238.08       38.26578  (19121116)                260383.01
4026267.72       39.23886  (19121116)
        260397.79   4026301.06       40.57957  (19121116)                260412.56
4026334.41       40.59511  (19121116)
        260427.33   4026367.76       39.96776  (19121116)                260442.11
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        260456.88   4026434.46       35.42503  (19121116)                260471.65
4026467.81       31.50171  (19121116)
        260486.43   4026501.16       31.46607  (22010709)                260501.20
4026534.51       29.89949  (22010709)
        260515.98   4026567.86       26.89343  (22010709)                260530.75
4026601.21       26.07724  (21122009)
        260545.52   4026634.56       26.07681  (21122009)                260560.30
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4026667.91       25.02737  (21122009)
        260575.07   4026701.26       22.73748  (21122009)                260589.84
4026734.61       19.02812  (21122009)
        260604.62   4026767.96       18.67628  (22120209)                260619.39
4026801.30       18.87078  (22120209)
        260634.17   4026834.65       20.60302  (18011209)                259709.35
4026005.34       18.18703  (20122409)
        259738.67   4025811.39       15.84832  (20122409)                259773.09
4025824.48       18.52329  (20122409)
        259859.15   4025857.20       22.81253  (20122409)                259893.58
4025870.29       23.02558  (20122409)
        259928.00   4025883.38       22.35902  (20122409)                259962.42
4025896.47       21.45416  (20122409)
        259996.85   4025909.55       20.59446  (20122409)                260031.27
4025922.64       19.62908  (20122409)
        260065.69   4025935.73       19.03192  (19120316)                260100.12
4025948.82       20.68796  (19120316)
        260134.54   4025961.91       21.44726  (19120316)                260168.96
4025974.99       21.18642  (19120316)
        260341.08   4026040.43       30.98808  (19121116)                260375.50
4026053.52       33.21043  (19121116)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 419
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE1   ***
                                  INCLUDING SOURCE(S):     PHASE1      ,

                                           *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        260409.93   4026066.61       34.29202  (19121116)                260444.35
4026079.70       34.62737  (19121116)
        260478.78   4026092.79       35.11061  (19121116)                260520.66
4026122.71       36.12716  (19121116)
        260535.57   4026156.38       35.46434  (19121116)                260550.49
4026190.05       34.43593  (19121116)
        260565.41   4026223.72       33.60740  (19121116)                260580.32
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4026257.40       31.53709  (19121116)
        260595.24   4026291.07       27.56079  (19121116)                260610.16
4026324.74       26.94145  (22010709)
        260625.07   4026358.41       26.92768  (22010709)                260639.99
4026392.08       25.31385  (22010709)
        260654.91   4026425.75       22.69773  (22010709)                260669.82
4026459.43       22.01960  (21122009)
        260684.74   4026493.10       23.18497  (21122009)                260699.66
4026526.77       23.08463  (21122009)
        260714.57   4026560.44       21.65293  (21122009)                260729.49
4026594.11       19.10780  (21122009)
        260744.40   4026627.78       16.53498  (22120209)                260759.32
4026661.45       17.73518  (22120209)
        260774.24   4026695.13       18.19252  (22120209)                260789.15
4026728.80       18.27080  (22120209)
        260804.07   4026762.47       17.80452  (22120209)                260818.99
4026796.14       18.59950  (18011209)
        260833.90   4026829.81       18.63606  (18011209)                259702.97
4025805.44       13.04634  (20122409)
        259732.09   4025611.42       11.82169  (20122409)                259766.12
4025624.36       14.34018  (20122409)
        259851.18   4025656.70       19.11196  (20122409)                259885.21
4025669.63       20.25788  (20122409)
        259919.23   4025682.57       20.83568  (20122409)                259953.26
4025695.51       20.40039  (20122409)
        259987.28   4025708.44       19.69510  (20122409)                260021.31
4025721.38       18.94189  (20122409)
        260055.33   4025734.32       18.03124  (20122409)                260089.36
4025747.25       16.84437  (20122409)
        260123.38   4025760.19       16.64389  (19120316)                260157.41
4025773.13       17.88562  (19120316)
        260208.45   4025792.53       18.90404  (19120316)                260344.55
4025844.28       17.83264  (19121116)
        260378.57   4025857.22       21.63327  (19121116)                260412.60
4025870.15       24.92301  (19121116)
        260446.62   4025883.09       27.61027  (19121116)                260480.65
4025896.02       29.73954  (19121116)
        260514.67   4025908.96       31.26618  (19121116)                260548.70
4025921.90       31.93190  (19121116)
        260582.72   4025934.83       32.15413  (19121116)                260616.75
4025947.77       32.29806  (19121116)
        260658.15   4025977.35       31.68094  (19121116)                260672.89
4026010.63       31.01570  (19121116)
        260687.63   4026043.91       29.89430  (19121116)                260702.38
4026077.19       27.84953  (19121116)
        260717.12   4026110.48       25.08123  (19121116)                260731.86
4026143.76       23.59135  (22010709)
        260746.61   4026177.04       24.07663  (22010709)                260761.35
4026210.32       23.95628  (22010709)
        260776.10   4026243.60       22.85390  (22010709)                260790.84
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4026276.89       20.76103  (22010709)
        260805.58   4026310.17       18.51210  (21122009)                 260820.33
4026343.45       19.61496  (21122009)
        260835.07   4026376.73       20.31867  (21122009)                 260849.82
4026410.01       20.14128  (21122009)
        260864.56   4026443.30       18.94964  (21122009)                 260879.30
4026476.58       16.99800  (21122009)
        260894.05   4026509.86       14.57572  (22120209)                 260908.79
4026543.14       15.90468  (22120209)
        260923.54   4026576.42       16.79485  (22120209)                 260938.28
4026609.71       17.32511  (22120209)
        260953.02   4026642.99       17.41492  (22120209)                 260967.77
4026676.27       17.10305  (22120209)
        260982.51   4026709.55       16.75223  (22120209)                 260997.26
4026742.83       16.68626  (18011209)
        261012.00   4026776.12       16.57343  (18011209)                 261026.74
4026809.40       15.59585  (18011209)
        261041.49   4026842.68       14.21410  (22122809)                 259696.59
4025605.54        9.19091  (20122409)
        259725.84   4025411.57        8.46876  (20122409)                 259760.11
4025424.60       10.72907  (20122409)
        259845.80   4025457.18       15.80864  (20122409)                 259880.07
4025470.21       17.22104  (20122409)
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 420
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE1   ***
                                  INCLUDING SOURCE(S):     PHASE1      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
        259914.35   4025483.24       18.19319  (20122409)                 259948.62
4025496.27       18.57191  (20122409)
        259982.90   4025509.30       18.43351  (20122409)                 260017.17
4025522.34       17.93882  (20122409)
        260051.45   4025535.37       17.25694  (20122409)                 260085.72
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4025548.40       16.33483  (20122409)
        260119.99   4025561.43       15.17930  (20122409)                260154.27
4025574.46       13.59064  (20122409)
        260205.68   4025594.01       15.10390  (19120316)                260291.37
4025626.59       17.14174  (19120316)
        260342.78   4025646.13       16.81190  (19120316)                260377.05
4025659.16       16.45318  (19120316)
        260411.33   4025672.20       15.83436  (19120316)                260445.60
4025685.23       15.11726  (19120316)
        260479.88   4025698.26       18.37321  (19121116)                260514.15
4025711.29       21.33067  (19121116)
        260548.43   4025724.32       23.83015  (19121116)                260582.70
4025737.35       25.83962  (19121116)
        260616.97   4025750.38       27.37142  (19121116)                260651.25
4025763.42       28.25308  (19121116)
        260685.52   4025776.45       28.89054  (19121116)                260719.80
4025789.48       29.30026  (19121116)
        260754.07   4025802.51       29.29159  (19121116)                260795.77
4025832.30       28.21851  (19121116)
        260810.63   4025865.83       27.07525  (19121116)                260825.48
4025899.36       25.26160  (19121116)
        260840.33   4025932.88       22.88754  (19121116)                260855.18
4025966.41       20.74457  (22010709)
        260870.03   4025999.93       21.26809  (22010709)                260884.89
4026033.46       21.38747  (22010709)
        260899.74   4026066.98       21.11066  (22010709)                260914.59
4026100.51       20.15384  (22010709)
        260929.44   4026134.04       18.54544  (22010709)                260944.29
4026167.56       16.56791  (22122309)
        260959.14   4026201.09       17.25156  (21122009)                260974.00
4026234.61       17.94747  (21122009)
        260988.85   4026268.14       18.30364  (21122009)                261003.70
4026301.67       17.92996  (21122009)
        261018.55   4026335.19       16.66871  (21122009)                261033.40
4026368.72       14.87161  (21122009)
        261048.26   4026402.24       12.86170  (22120209)                261063.11
4026435.77       14.36128  (22120209)
        261077.96   4026469.29       15.43733  (22120209)                261092.81
4026502.82       16.19957  (22120209)
        261107.66   4026536.35       16.83248  (22120209)                261122.52
4026569.87       17.09944  (22120209)
        261137.37   4026603.40       16.77967  (22120209)                261152.22
4026636.92       16.00172  (22120209)
        261167.07   4026670.45       14.87128  (22120209)                261181.92
4026703.97       14.83721  (18011209)
        261196.78   4026737.50       14.25707  (18011209)                261211.63
4026771.03       12.93005  (18011209)
        261226.48   4026804.55       12.79346  (22122809)                261241.33
4026838.08       13.14447  (22122809)
        259690.21   4025405.64        7.47991  (22020909)                259694.18
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4026881.02       93.78871  (20010209)
        259644.51   4026882.10      101.82791  (20010209)                259619.68
4026882.65      102.67187  (20010209)
        259643.97   4026857.11       96.10921  (20010209)                259619.13
4026857.65       97.59986  (20010209)
        259569.47   4026858.74       94.11094  (20010209)                259544.63
4026859.28       92.48512  (20010209)
        259519.80   4026859.82       91.09123  (20010209)                259470.13
4026860.91       89.06237  (20010209)
        259445.30   4026861.45       86.98736  (22122116)                259643.42
4026832.12       92.01694  (20010209)
        259618.59   4026832.66       94.46495  (20010209)                259544.09
4026834.29       87.77241  (20010209)
        259519.25   4026834.83       86.30046  (20010209)                259444.75
4026836.46       82.30439  (20010209)
        259667.71   4026806.58       76.62143  (20010209)                259642.87
4026807.12       85.79231  (20010209)
        259568.37   4026808.75       87.61064  (20010209)                259543.54
4026809.29       85.79193  (20010209)
        259469.04   4026810.92       84.29323  (20010209)                259444.21
4026811.46       80.18168  (20010209)
        259691.45   4026756.05       59.80311  (20122409)                259666.62
4026756.59       58.84506  (20010209)
        259641.78   4026757.13       68.60336  (20010209)                259592.11
4026758.22       76.31204  (20010209)
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                   PAGE 421
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE1   ***
                                   INCLUDING SOURCE(S):     PHASE1      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        259567.28   4026758.76       76.29887  (20010209)                259542.45
4026759.30       76.65287  (20010209)
        259492.78   4026760.39       77.31233  (20010209)                259467.95
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4026760.93       76.12457  (20010209)
        259443.11   4026761.48       73.01310  (20010209)                259690.36
4026706.06       54.34287  (20122409)
        259665.52   4026706.60       51.25273  (20122409)                259591.02
4026708.23       64.00635  (20010209)
        259566.19   4026708.77       65.98905  (20010209)                259491.69
4026710.40       69.08022  (20010209)
        259466.85   4026710.95       68.78708  (20010209)                259689.26
4026656.07       49.55180  (20122409)
        259639.60   4026657.16       44.58186  (20010209)                259614.76
4026657.70       50.49064  (20010209)
        259589.93   4026658.24       55.74371  (20010209)                259515.43
4026659.87       62.19915  (20010209)
        259490.59   4026660.41       63.08347  (20010209)                259663.34
4026606.63       41.41954  (20122409)
        259638.50   4026607.17       37.93476  (20122409)                259613.67
4026607.71       42.57794  (20010209)
        259539.17   4026609.34       54.76054  (20010209)                259514.34
4026609.88       56.84953  (20010209)
        259439.84   4026611.51       57.99958  (20010209)                259636.32
4026507.19       30.87219  (20122409)
        259611.49   4026507.74       29.27606  (20010209)                259586.65
4026508.28       33.62697  (20010209)
        259561.82   4026508.82       37.82143  (20010209)                259487.32
4026510.45       48.25907  (20010209)
        259462.48   4026510.99       50.07251  (20010209)                259634.13
4026407.22       25.21186  (20122409)
        259609.30   4026407.76       22.23956  (20122409)                259584.47
4026408.30       23.62846  (20010209)
        259559.63   4026408.85       27.58742  (20010209)                259534.80
4026409.39       31.44408  (20010209)
        259435.47   4026411.56       43.36916  (20010209)                259631.95
4026307.24       20.37090  (20122409)
        259607.12   4026307.78       17.14247  (20122409)                259582.28
4026308.33       15.36030  (20010209)
        259557.45   4026308.87       18.72094  (20010209)                259532.61
4026309.41       22.06907  (20010209)
        259507.78   4026309.96       25.50018  (20010209)                259482.95
4026310.50       28.87754  (20010209)
        259458.11   4026311.04       31.98628  (20010209)                259433.28
4026311.58       34.71097  (20010209)
        259679.43   4026206.18       21.68511  (20122409)                259654.60
4026206.72       19.22367  (20122409)
        259629.76   4026207.27       16.51873  (20122409)                259604.93
4026207.81       13.54356  (20122409)
        259580.10   4026208.35       10.49134  (20122409)                259555.26
4026208.89       12.33390  (20010209)
        259530.43   4026209.44       15.26701  (20010209)                259675.06
4026006.23       15.05572  (20122409)
        259650.23   4026006.77       12.59944  (20122409)                259625.39
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4026007.31   10.11845 (20122409)
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4026008.40   9.08548 (22011111)
        259550.89   4026008.94   8.91677 (22011111)   259526.06
4026009.48   8.57274 (22011111)
        259670.69   4025806.28   10.55102 (20122409)   259645.86
4025806.82   8.55443 (22011111)
        259621.02   4025807.36   8.75066 (22011111)   259596.19
4025807.90   8.86095 (22011111)
        259571.36   4025808.45   8.85600 (22011111)   259546.52
4025808.99   8.72889 (22011111)
        259521.69   4025809.53   8.46724 (22011111)   259666.32
4025606.32   7.86836 (22011111)
        259641.49   4025606.87   8.20300 (22011111)   259616.65
4025607.41   8.45112 (22011111)
        259591.82   4025607.95   8.57288 (22011111)   259566.99
4025608.49   8.66065 (22011111)
        259542.15   4025609.04   8.60493 (22011111)   259517.32
4025609.58   8.41003 (22011111)
        259661.95   4025406.37   7.56209 (22011111)   259637.12
4025406.91   7.92942 (22011111)
        259612.29   4025407.46   8.19435 (22011111)   259587.45
4025408.00   8.35816 (22011111)
        259562.62   4025408.54   8.47722 (22011111)   259537.78
4025409.08   8.46079 (22011111)
        259512.95   4025409.63   8.29700 (22011111)   259488.12
4025410.17   8.01766 (22011111)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                 INCLUDING SOURCE(S):   PHASE1   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
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- -
        259463.28   4025410.71   7.63839 (22011111)   259438.45

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4025411.26        7.15122  (22011111)
        259413.62   4025411.80        6.58776  (22011111)                259422.19
4026953.67      118.92555  (20121509)
        259422.99   4026995.42      112.55155  (20121509)                259396.80
4026933.27      115.86171  (20121509)
        259397.59   4026975.02      108.86564  (20121509)                259398.39
4027016.78      100.33226  (20121509)
        259409.77   4026851.82       87.12095  (22122116)                259317.30
4026860.93       92.50709  (20121509)
        259331.22   4026825.36       81.10578  (22122116)                259355.67
4026799.88       76.06674  (22122116)
        259296.82   4026935.18       88.27412  (20121509)                259297.61
4026976.93       77.63019  (20121509)
        259298.41   4027018.68       61.91629  (20121509)                259354.57
4026749.90       60.24884  (22122116)
        259389.55   4026734.53       62.05271  (20010209)                259217.31
4026862.84       77.73033  (20121509)
        259231.23   4026827.26       79.65828  (20121509)                259245.15
4026791.69       71.76470  (20121509)
        259259.07   4026756.11       68.67897  (22122116)                259283.52
4026730.64       61.21213  (22122116)
        259370.97   4026692.23       56.80702  (20010209)                259405.95
4026676.86       62.34706  (20010209)
        259196.83   4026937.09       61.59997  (20121509)                259197.63
4026978.84       48.56019  (18121116)
        259198.43   4027020.59       49.94679  (18121116)                259169.22
4026858.94       70.76366  (20121509)
        259184.41   4026820.13       73.70441  (20121509)                259199.59
4026781.32       69.88106  (20121509)
        259214.78   4026742.51       66.59218  (22122116)                259249.04
4026695.31       56.64355  (22122116)
        259287.20   4026678.55       47.11246  (22122116)                259325.36
4026661.79       42.89824  (20010209)
        259401.68   4026628.27       57.94206  (20010209)                259146.84
4026938.04       50.48405  (20121509)
        259147.64   4026979.79       47.46318  (18121116)                259148.44
4027021.55       48.87856  (18121116)
        259213.78   4026609.86       39.91957  (22122116)                259251.10
4026593.47       29.06550  (22122116)
        259288.41   4026577.09       38.31425  (20010209)                259325.72
4026560.70       47.20513  (20010209)
        259363.03   4026544.31       50.70263  (20010209)                258968.46
4026864.80       36.70629  (20121509)
        258983.11   4026827.35       47.45240  (20121509)                258997.76
4026789.90       55.56835  (20121509)
        259012.42   4026752.45       59.88354  (20121509)                259027.07
4026715.00       58.89754  (20121509)
        259041.72   4026677.55       51.66386  (20121509)                259056.37
4026640.10       53.64614  (22122116)
        259071.02   4026602.65       51.78947  (22122116)                259104.09
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4026557.11       41.41229  (22122116)
        259140.91   4026540.94       32.59129  (22122116)                259177.73
4026524.76       23.35094  (22122116)
        259251.37   4026492.42       34.32482  (20010209)                259288.19
4026476.25       42.12569  (20010209)
        259325.01   4026460.08       46.15092  (20010209)                259361.83
4026443.90       47.24334  (20010209)
        259398.65   4026427.73       46.10234  (20010209)                258946.88
4026941.86       43.08942  (18012309)
        258947.68   4026983.61       45.86152  (18012309)                258948.47
4027025.36       45.74614  (18012309)
        259070.77   4026470.81       26.69565  (22122116)                259108.93
4026454.05       18.07959  (22122116)
        259147.09   4026437.29       14.44919  (20010209)                259185.25
4026420.53       24.06182  (20010209)
        259223.41   4026403.76       33.19295  (20010209)                259299.72
4026370.24       42.47911  (20010209)
        259337.88   4026353.48       42.83306  (20010209)                259376.04
4026336.72       40.93019  (20010209)
        258754.01   4026905.64       40.13804  (18012309)                258769.00
4026867.32       33.21428  (18012309)
        258783.99   4026829.01       24.80140  (18012309)                258798.98
4026790.69       27.55859  (20121509)
        258813.97   4026752.38       36.09391  (20121509)                258828.96
4026714.06       42.76070  (20121509)
        258843.95   4026675.75       46.74528  (20121509)                258858.94
4026637.43       46.71199  (20121509)
        258873.93   4026599.12       43.09394  (20121509)                258888.92
4026560.80       40.56617  (22122116)
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 423
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE1   ***
                                 INCLUDING SOURCE(S):     PHASE1      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        258903.91   4026522.49       43.38083  (22122116)                258918.90
4026484.17       41.80001  (22122116)
        258933.90   4026445.86       36.14633  (22122116)                258960.23
4026418.42       29.97272  (22122116)
        258997.89   4026401.88       22.69947  (22122116)                259035.56
4026385.33       15.30643  (22122116)
        259110.90   4026352.24       14.64563  (20010209)                259148.57
4026335.70       22.76734  (20010209)
        259186.24   4026319.15       30.41416  (20010209)                259223.91
4026302.61       35.92632  (20010209)
        259261.58   4026286.06       38.71819  (20010209)                259299.25
4026269.52       39.21771  (20010209)
        258746.92   4026945.67       45.65966  (18012309)                258747.71
4026987.42       48.04212  (18012309)
        258748.51   4027029.18       45.93711  (18012309)                258554.15
4026909.20       41.71276  (18012309)
        258569.33   4026870.39       37.59440  (18012309)                258584.52
4026831.58       30.13028  (18012309)
        258599.70   4026792.76       22.28323  (18012309)                258614.89
4026753.95       15.36718  (20121509)
        258630.07   4026715.14       22.17382  (20121509)                258645.26
4026676.33       29.54923  (20121509)
        258660.44   4026637.51       35.81800  (20121509)                258675.63
4026598.70       39.82375  (20121509)
        258690.81   4026559.89       40.59619  (20121509)                258706.00
4026521.08       37.73808  (20121509)
        258721.18   4026482.26       31.58560  (20121509)                258736.36
4026443.45       34.48584  (22122116)
        258751.55   4026404.64       36.48773  (22122116)                258766.73
4026365.83       35.04283  (22122116)
        258781.92   4026327.01       30.45454  (22122116)                258816.18
4026279.82       21.46132  (22122116)
        258854.34   4026263.06       15.59128  (22122116)                258892.50
4026246.30       10.31938  (22122116)
        258968.82   4026212.78        8.71616  (18121209)                259006.98
4026196.02       11.01742  (18120709)
        259045.14   4026179.26       15.59932  (20010209)                259083.30
4026162.50       21.94253  (20010209)
        259121.45   4026145.74       27.49990  (20010209)                259159.61
4026128.98       31.22257  (20010209)
        258546.95   4026949.49       43.04915  (18012309)                258547.75
4026991.24       42.66611  (18012309)
        258548.55   4027032.99       39.44237  (18012309)                258354.06
4026913.33       43.06419  (18012309)
        258369.00   4026875.15       39.83097  (18012309)                258383.94
4026836.97       34.04850  (18012309)
        258398.87   4026798.79       28.80284  (18012309)                258413.81
4026760.61       22.45387  (18012309)
        258428.75   4026722.43       14.99723  (18012309)                258443.69
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4026684.24       12.19847  (20121509)
        258458.63   4026646.06       17.75278  (20121509)                258473.56
4026607.88       23.87072  (20121509)
        258488.50   4026569.70       29.68868  (20121509)                258503.44
4026531.52       33.96507  (20121509)
        258518.38   4026493.34       35.56009  (20121509)                258533.31
4026455.15       34.55943  (20121509)
        258548.25   4026416.97       30.99475  (20121509)                258563.19
4026378.79       25.34258  (20121509)
        258578.13   4026340.61       29.36589  (22122116)                258593.07
4026302.43       31.62891  (22122116)
        258608.00   4026264.25       31.01917  (22122116)                258622.94
4026226.07       28.48700  (22122116)
        258637.88   4026187.88       24.11924  (22122116)                258671.59
4026141.46       16.29153  (22122116)
        258709.13   4026124.97       11.62971  (22122116)                258746.66
4026108.48        9.20294  (22021109)
        258821.74   4026075.51        8.30736  (18121209)                258859.28
4026059.02        7.67604  (18121209)
        258896.82   4026042.53        9.61415  (18120709)                258934.36
4026026.04       11.30948  (18120709)
        258971.90   4026009.56       14.58061  (20010209)                259009.43
4025993.07       19.51456  (20010209)
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4026995.05       39.53803  (18012309)
        258348.58   4027036.81       34.97323  (18012309)                258154.17
4026916.97       39.86444  (18012309)
        258169.25   4026878.43       40.65687  (18012309)                258184.33
4026839.88       38.05180  (18012309)
        258199.40   4026801.34       32.90226  (18012309)                258214.48
4026762.80       26.54841  (18012309)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 424
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE1   ***
                                 INCLUDING SOURCE(S):     PHASE1      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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        258197.21   4026299.65       27.72936  (20121509)                258212.40
4026260.83       25.95072  (20121509)
        258227.58   4026222.02       22.57642  (20121509)                258242.77
4026183.21       18.42931  (20121509)
        258257.95   4026144.40       20.86170  (22122116)                258273.14
4026105.58       23.53948  (22122116)
        258288.32   4026066.77       24.69563  (22122116)                258303.51
4026027.96       23.98545  (22122116)
        258318.69   4025989.14       22.08978  (22122116)                258333.88
4025950.33       18.90121  (22122116)
        258349.06   4025911.52       14.99645  (22122116)                258383.33
4025864.33        9.57436  (22122116)
        258421.49   4025847.57        8.77388  (22021109)                258459.64
4025830.81        8.35959  (22021109)
        258497.80   4025814.05        7.55366  (22021109)                258535.96
4025797.28        7.60487  (18121209)
        258574.12   4025780.52        7.37202  (18121209)                258612.28
4025763.76        6.82381  (18121209)
        258650.44   4025747.00        6.52205  (18120709)                258688.60
4025730.24        8.69972  (18120709)
        258726.76   4025713.48       10.54938  (18120709)                258764.92
4025696.72       11.60575  (18120709)
        258803.07   4025679.96       11.97219  (18120709)                258841.23
4025663.20       14.88306  (20010209)
        258879.39   4025646.44       18.08360  (20010209)                258917.55
4025629.68       20.57105  (20010209)
        258955.71   4025612.92       22.16277  (20010209)                258993.87
4025596.16       22.64913  (20010209)
        259032.03   4025579.40       22.02389  (20010209)                259070.19
4025562.64       20.42154  (20010209)
        259108.35   4025545.88       18.03322  (20010209)                259146.50
4025529.12       15.26921  (20010209)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 425
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE1   ***
                                 INCLUDING SOURCE(S):     PHASE1      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
259184.66	4025512.36	12.28797	(20010209)	259222.82	4025495.60	9.41021	(20010209)
259260.98	4025478.84	6.79851	(20010209)	259299.14	4025462.08	5.56153	(21120809)
259337.30	4025445.32	5.32721	(20010210)	259375.46	4025428.56	5.52918	(22011111)
257947.06	4026960.93	36.15511	(18012309)	257947.86	4027002.69	31.51684	(18012309)
257948.65	4027044.44	25.32714	(18012309)	259440.80	4026786.83	75.96811	(20010209)
259379.45	4026788.79	71.86300	(22122116)	259436.01	4026636.90	59.93418	(20010209)
259432.81	4026536.95	52.53674	(20010209)	259426.43	4026337.06	37.47881	(20010209)
259420.04	4026137.16	23.29375	(20010209)	259379.14	4026138.47	27.58313	(20010209)
259413.66	4025937.26	12.09702	(20010209)	259372.76	4025938.57	15.89578	(20010209)
259407.27	4025737.36	5.76402	(22011111)	259366.37	4025738.67	7.97683	(20010209)
259400.88	4025537.46	6.01671	(22011111)	259359.98	4025538.77	5.39467	(20010210)
259359.62	4026838.10	85.20528	(22122116)	259400.71	4026338.79	39.64396	(20010209)
259330.90	4027040.02	63.94988	(20121509)	259334.08	4027080.58	62.29534	(18121116)
259338.10	4026995.92	84.70984	(20121509)	259305.97	4027041.98	60.28656	(18121116)
259309.16	4027082.54	58.79129	(21120616)	259338.57	4026970.92	91.21749	(20121509)
259282.64	4027064.21	57.24850	(18121116)	259285.83	4027104.77	59.67949	(21120616)
259320.38	4026953.78	89.35288	(20121509)	259259.31	4027086.45	54.02877	(21120616)
259219.74	4027011.60	51.76235	(18121116)	259233.19	4026973.40	59.18444	(20121509)
259206.28	4027049.81	49.80204	(18121116)	259209.47	4027090.37	48.94138	(21120616)
259176.62	4026996.42	49.24777	(18121116)	259156.43	4027053.73	47.36529	(18012309)
259159.62	4027094.29	46.70354	(21120616)	259113.32	4027038.54	47.53701	(18012309)
259126.77	4027000.33	47.50297	(18121116)	259192.54	4026858.76	74.15867	(20121509)
259267.22	4026827.36	82.65798	(20121509)	259108.18			

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4027077.92       44.15348  (18012309)
        259111.37   4027118.48       44.76530  (21120616)                259090.38
4026966.04       43.67825  (18012309)
        259103.84   4026927.84       44.13283  (20121509)                259117.29
4026889.63       58.31541  (20121509)
        259130.75   4026851.43       67.67048  (20121509)                259156.15
4026824.47       71.86186  (20121509)
        259212.16   4026800.92       74.15323  (20121509)                259268.17
4026777.37       72.58237  (22122116)
        259058.33   4027081.84       42.96055  (18012309)                259061.52
4027122.40       42.94565  (21120616)
        258963.78   4027050.29       44.14342  (18012309)                258977.23
4027012.08       46.48116  (18012309)
        258990.69   4026973.88       45.84893  (18012309)                259004.15
4026935.67       42.78825  (18012309)
        259031.06   4026859.26       48.87763  (20121509)                259044.51
4026821.05       58.16871  (20121509)
        259057.97   4026782.85       63.32017  (20121509)                259083.37
4026755.89       64.81103  (20121509)
        259176.72   4026716.64       62.05926  (22122116)                259214.06
4026700.94       60.54633  (22122116)
        258958.64   4027089.67       40.99793  (18012309)                258961.83
4027130.23       39.61195  (21120616)
        258884.27   4027000.81       46.63886  (18012309)                258897.72
4026962.61       45.18643  (18012309)
        258911.18   4026924.40       41.61383  (18012309)                258924.64
4026886.19       34.93945  (18012309)
        258938.09   4026847.99       35.43872  (20121509)                258951.55
4026809.78       46.00260  (20121509)
        258965.01   4026771.58       53.68306  (20121509)                258978.46
4026733.37       57.43579  (20121509)
        259010.59   4026687.32       54.90053  (20121509)                259066.60
4026663.76       54.13056  (22122116)
        259103.94   4026648.06       55.72250  (22122116)                259141.27
4026632.36       52.99075  (22122116)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 426
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE1   ***
                                 INCLUDING SOURCE(S):     PHASE1      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
258857.36	4027077.22	42.72325	(18012309)	258860.54	4027117.78	37.70201	(18012309)
258764.39	4027065.95	42.29136	(18012309)	258777.85	4027027.75	46.94027	(18012309)
258791.30	4026989.54	47.75546	(18012309)	258804.76	4026951.34	45.72883	(18012309)
258818.22	4026913.13	41.16759	(18012309)	258831.67	4026874.92	33.85216	(18012309)
258845.13	4026836.72	25.40963	(18012309)	258858.59	4026798.51	33.88074	(20121509)
258872.04	4026760.31	42.01623	(20121509)	258885.50	4026722.10	47.90695	(20121509)
258898.95	4026683.90	51.23384	(20121509)	258912.41	4026645.69	49.45634	(20121509)
258937.81	4026618.74	44.14686	(20121509)	259012.49	4026587.33	49.95889	(22122116)
259049.83	4026571.63	48.50661	(22122116)	258759.26	4027105.34	36.56185	(18012309)
258762.44	4027145.90	32.60429	(21120616)	258684.88	4027016.48	43.65079	(18012309)
258698.34	4026978.27	46.17099	(18012309)	258711.80	4026940.07	45.06036	(18012309)
258725.25	4026901.86	39.87157	(18012309)	258738.71	4026863.65	33.14421	(18012309)
258752.16	4026825.45	24.86328	(18012309)	258765.62	4026787.24	24.12319	(20121509)
258779.08	4026749.04	32.50337	(20121509)	258792.53	4026710.83	39.62087	(20121509)
258805.99	4026672.63	44.44189	(20121509)	258819.45	4026634.42	45.98388	(20121509)
258832.90	4026596.21	44.19793	(20121509)	258865.03	4026550.16	39.08804	(22122116)
258939.71	4026518.75	44.09965	(22122116)	258977.05	4026503.05	41.41024	(22122116)
258657.97	4027092.89	35.42648	(18012309)	258661.16	4027133.45	29.25602	(18012309)
258465.31	4027089.45	31.12189	(18012309)	258485.50	4027032.14	37.74401	(18012309)
258498.95	4026993.94	41.03104	(18012309)	258512.41	4026955.73	42.31048	(18012309)
258525.87	4026917.52	41.76501	(18012309)	258539.32	4026879.32	38.25436	(18012309)
258552.78	4026841.11	32.55096	(18012309)	258566.24			

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4026802.91       24.93515  (18012309)
        258579.69   4026764.70       17.33798  (18012309)                258593.15
4026726.50       17.42563  (20121509)
        258606.60   4026688.29       24.26704  (20121509)                258620.06
4026650.09       30.92215  (20121509)
        258633.52   4026611.88       36.09751  (20121509)                258646.97
4026573.67       39.15022  (20121509)
        258660.43   4026535.47       38.89627  (20121509)                258673.89
4026497.26       35.80629  (20121509)
        258687.34   4026459.06       29.87932  (20121509)                258719.47
4026413.00       34.99855  (22122116)
        258775.48   4026389.45       36.57857  (22122116)                258812.82
4026373.75       34.46729  (22122116)
        258850.15   4026358.04       30.15376  (22122116)                258924.83
4026326.64       18.12097  (22122116)
        258962.17   4026310.94       12.21984  (22122116)                258999.51
4026295.24        9.42628  (18121209)
        259036.85   4026279.54        9.97143  (18120709)                259074.19
4026263.84       14.71889  (20010209)
        259167.54   4026224.58       30.86437  (20010209)                259204.87
4026208.88       34.63345  (20010209)
        259242.21   4026193.18       36.19013  (20010209)                259279.55
4026177.48       35.95266  (20010209)
        259316.89   4026161.77       33.96595  (20010209)                259354.23
4026146.07       30.30615  (20010209)
        258460.18   4027128.83       24.52533  (18012309)                258463.36
4027169.39       24.03619  (21120616)
        258265.93   4027105.12       23.17855  (18012309)                258279.38
4027066.91       29.45517  (18012309)
        258292.84   4027028.70       35.09691  (18012309)                258306.30
4026990.50       39.26995  (18012309)
        258319.75   4026952.29       41.59108  (18012309)                258339.94
4026894.98       42.05475  (18012309)
        258353.39   4026856.78       38.00201  (18012309)                258366.85
4026818.57       32.17835  (18012309)
        258380.31   4026780.37       26.39456  (18012309)                258393.76
4026742.16       19.36613  (18012309)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 427
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE1   ***
                                  INCLUDING SOURCE(S):     PHASE1      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
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***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
258407.22	4026703.96	12.28305	(18012309)	258420.67	4026665.75	12.79182	(20121509)
258434.13	4026627.54	18.19159	(20121509)	258447.59	4026589.34	23.87631	(20121509)
258461.04	4026551.13	29.17568	(20121509)	258474.50	4026512.93	33.03680	(20121509)
258487.96	4026474.72	34.54425	(20121509)	258501.41	4026436.52	33.49978	(20121509)
258514.87	4026398.31	30.14622	(20121509)	258528.33	4026360.11	24.84879	(20121509)
258541.78	4026321.90	28.01986	(22122116)	258573.91	4026275.84	30.85708	(22122116)
258629.92	4026252.29	30.25666	(22122116)	258667.25	4026236.59	27.46541	(22122116)
258704.59	4026220.89	23.23300	(22122116)	258779.27	4026189.48	12.89942	(22122116)
258816.61	4026173.78	9.33860	(22021109)	258853.95	4026158.08	8.84963	(18121209)
258891.29	4026142.38	8.57393	(18121209)	258928.63	4026126.68	8.96233	(18120709)
259021.98	4026087.42	16.97286	(20010209)	259059.31	4026071.72	22.17146	(20010209)
259096.65	4026056.02	26.54229	(20010209)	259133.99	4026040.32	29.47492	(20010209)
259171.33	4026024.62	30.64893	(20010209)	259208.67	4026008.92	30.39147	(20010209)
259246.01	4025993.21	28.67178	(20010209)	259283.35	4025977.51	25.86796	(20010209)
259320.69	4025961.81	22.05477	(20010209)	258260.79	4027144.50	16.93650	(18012309)
258263.98	4027185.06	20.21818	(21120616)	258066.54	4027120.78	16.62493	(18012309)
258080.00	4027082.57	22.54426	(18012309)	258093.45	4027044.37	28.79548	(18012309)
258106.91	4027006.16	33.99391	(18012309)	258120.37	4026967.96	37.17514	(18012309)
258133.82	4026929.75	38.92711	(18012309)	258147.28	4026891.55	40.49317	(18012309)
258160.74	4026853.34	39.47699	(18012309)	258174.19	4026815.14	35.14184	(18012309)
258187.65	4026776.93	28.92430	(18012309)	258201.10			

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4026738.72       22.98022  (18012309)
        258214.56   4026700.52       16.23781  (18012309)                258228.02
4026662.31       11.72695  (22121309)
        258241.47   4026624.11        9.86658  (18112609)                258254.93
4026585.90       11.38986  (20121509)
        258268.39   4026547.70       16.07023  (20121509)                258281.84
4026509.49       21.05279  (20121509)
        258295.30   4026471.28       25.59457  (20121509)                258308.76
4026433.08       28.90526  (20121509)
        258322.21   4026394.87       30.54308  (20121509)                258335.67
4026356.67       30.03786  (20121509)
        258349.12   4026318.46       27.57334  (20121509)                258362.58
4026280.26       23.46429  (20121509)
        258376.04   4026242.05       21.92608  (22122116)                258389.49
4026203.84       25.23062  (22122116)
        258402.95   4026165.64       26.95188  (22122116)                258428.35
4026138.69       27.16145  (22122116)
        258503.02   4026107.28       23.87809  (22122116)                258540.36
4026091.58       20.14751  (22122116)
        258577.70   4026075.88       15.98858  (22122116)                258615.04
4026060.18       11.81162  (22122116)
        258652.38   4026044.48        9.28839  (22021109)                258689.72
4026028.77        8.58076  (22021109)
        258727.06   4026013.07        8.33940  (18121209)                258764.40
4025997.37        8.03400  (18121209)
        258801.74   4025981.67        7.31354  (18121209)                258876.41
4025950.27       10.78555  (18120709)
        258913.75   4025934.56       11.89336  (18120709)                258951.09
4025918.86       16.18605  (20010209)
        258988.43   4025903.16       20.52905  (20010209)                259025.77
4025887.46       24.02193  (20010209)
        259063.11   4025871.76       26.29114  (20010209)                259100.45
4025856.06       27.19281  (20010209)
        259137.79   4025840.35       26.68895  (20010209)                259175.13
4025824.65       24.90001  (20010209)
        259212.47   4025808.95       22.40247  (20010209)                259249.80
4025793.25       19.17111  (20010209)
        259287.14   4025777.55       15.52551  (20010209)                259324.48
4025761.85       11.82528  (20010209)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                PAGE 428
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE1   ***
                                INCLUDING SOURCE(S):     PHASE1      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
258061.41	4027160.16	13.91242	(21120616)	258064.59	4027200.72	17.16693	(21120616)
257867.16	4027136.45	13.46903	(18020509)	257880.61	4027098.24	15.98417	(18012309)
257894.07	4027060.03	21.86174	(18012309)	257907.53	4027021.83	27.82241	(18012309)
257920.98	4026983.62	33.44238	(18012309)	258008.45	4026735.29	27.07728	(18012309)
258021.90	4026697.08	20.61929	(18012309)	258035.36	4026658.87	14.37370	(18012309)
258048.82	4026620.67	11.68664	(22121309)	258062.27	4026582.46	9.85891	(22121309)
258075.73	4026544.26	9.94944	(18112609)	258089.19	4026506.05	10.42762	(18112609)
258102.64	4026467.85	14.28469	(20121509)	258116.10	4026429.64	18.47024	(20121509)
258129.55	4026391.44	22.36991	(20121509)	258143.01	4026353.23	25.43355	(20121509)
258156.47	4026315.02	27.08972	(20121509)	258169.92	4026276.82	26.97124	(20121509)
258183.38	4026238.61	24.90747	(20121509)	258196.84	4026200.41	21.67501	(20121509)
258210.29	4026162.20	17.77607	(20121509)	258223.75	4026124.00	20.02034	(22122116)
258237.20	4026085.79	22.65894	(22122116)	258250.66	4026047.58	24.03918	(22122116)
258282.79	4026001.53	23.43034	(22122116)	258338.79	4025977.98	20.69442	(22122116)
258376.13	4025962.27	17.69237	(22122116)	258413.47	4025946.57	14.37045	(22122116)
258450.81	4025930.87	10.85348	(22122116)	258488.15	4025915.17	8.98064	(22021109)
258525.49	4025899.47	8.61237	(22021109)	258562.83	4025883.77	7.84987	(22021109)
258600.17	4025868.06	7.87700	(18121209)	258637.51	4025852.36	7.60691	(18121209)
258674.85	4025836.66	7.01986	(18121209)	258712.18	4025820.96	7.25985	(18120709)
258749.52	4025805.26	9.36977	(18120709)	258786.86			

4025789.56   10.93893 (18120709)
        258824.20   4025773.85   12.07323 (18120709)   258861.54
4025758.15   13.70978 (20010209)
        258898.88   4025742.45   17.32354 (20010209)   258936.22
4025726.75   20.50231 (20010209)
        258973.56   4025711.05   22.75905 (20010209)   259010.90
4025695.35   23.96725 (20010209)
        259048.24   4025679.64   24.04696 (20010209)   259085.57
4025663.94   22.96426 (20010209)
        259122.91   4025648.24   21.02538 (20010209)   259160.25
4025632.54   18.43758 (20010209)
        259197.59   4025616.84   15.45496 (20010209)   259234.93
4025601.14   12.21506 (20010209)
        259272.27   4025585.44   9.15405 (20010209)   259309.61
4025569.73   6.53391 (20010209)
        257862.02   4027175.83   11.96293 (21120616)   257865.21
4027216.39   14.95839 (21120616)
        259335.94   4027123.45   69.02810 (21120616)   259336.28
4027147.64   65.99635 (21120616)
        259336.62   4027171.84   60.58248 (21120616)   259336.96
4027196.03   56.89780 (21120616)
        259337.30   4027220.23   56.44165 (21120616)   259337.64
4027244.43   56.30919 (21120616)
        259337.98   4027268.62   56.95393 (21120616)   259310.94
4027123.80   65.04342 (21120616)
        259311.28   4027147.99   62.85529 (21120616)   259311.62
4027172.19   57.77855 (21120616)
        259311.96   4027196.39   55.99921 (21120616)   259312.30
4027220.58   55.73630 (21120616)
        259312.64   4027244.78   55.36567 (21120616)   259312.98
4027268.97   55.68931 (21120616)
        259286.29   4027148.35   59.83328 (21120616)   259286.63
4027172.54   56.52987 (21120616)
        259286.97   4027196.74   55.37597 (21120616)   259287.31
4027220.93   55.09609 (21120616)
        259287.65   4027245.13   55.17584 (21120616)   259287.99
4027269.32   55.01500 (21120616)
        259260.95   4027124.50   58.40993 (21120616)   259261.29
4027148.70   57.68461 (21120616)
        259261.63   4027172.89   55.21441 (21120616)   259261.97
4027197.09   54.03269 (21120616)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION

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VALUES FOR SOURCE GROUP:  PHASE1   ***
                                INCLUDING SOURCE(S):     PHASE1      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
        259262.31   4027221.28       54.24714  (21120616)                259262.65
4027245.48       54.03149  (21120616)
        259262.99   4027269.68       53.36467  (21120616)                259210.95
4027125.20       52.91754  (21120616)
        259211.29   4027149.40       53.72123  (21120616)                259211.63
4027173.59       52.53224  (21120616)
        259211.97   4027197.79       51.63454  (21120616)                259212.31
4027221.99       51.07116  (21120616)
        259212.65   4027246.18       50.81061  (21120616)                259212.99
4027270.38       50.75994  (21120616)
        259160.96   4027125.91       49.00614  (21120616)                259161.30
4027150.10       50.46014  (21120616)
        259161.64   4027174.30       50.54497  (21120616)                259161.98
4027198.49       49.45091  (21120616)
        259162.32   4027222.69       48.45882  (21120616)                259162.66
4027246.88       47.73326  (21120616)
        259163.00   4027271.08       47.72043  (21120616)                259111.30
4027150.80       46.47094  (21120616)
        259111.64   4027175.00       47.34129  (21120616)                259111.98
4027199.20       47.28115  (21120616)
        259112.32   4027223.39       46.43122  (21120616)                259112.66
4027247.59       45.98554  (21120616)
        259113.00   4027271.78       45.88435  (21120616)                259061.31
4027151.51       44.93170  (21120616)
        259061.65   4027175.70       45.61353  (21120616)                259061.99
4027199.90       45.23461  (21120616)
        259062.33   4027224.09       44.56758  (21120616)                259062.67
4027248.29       44.09366  (21120616)
        259063.01   4027272.49       43.88700  (21120616)                258961.32
4027152.91       41.06759  (21120616)
        258961.66   4027177.11       41.67539  (21120616)                258962.00
4027201.30       41.88317  (21120616)
        258962.34   4027225.50       41.68655  (21120616)                258962.68
4027249.69       41.68403  (21120616)
        258963.02   4027273.89       41.94971  (21120616)                258861.33
4027154.32       36.65704  (21120616)
        258861.67   4027178.51       37.65981  (21120616)                258862.01
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4027202.71       38.39559  (21120616)
        258862.35   4027226.90       39.15979  (21120616)                258862.69
4027251.10       39.16720  (21120616)
        258863.03   4027275.30       38.97534  (21120616)                258761.68
4027179.92       34.98188  (21120616)
        258762.02   4027204.11       35.87979  (21120616)                258762.36
4027228.31       36.37014  (21120616)
        258762.70   4027252.50       36.58165  (21120616)                258763.04
4027276.70       36.38113  (21120616)
        258661.35   4027157.13       29.47873  (21120616)                258661.69
4027181.32       31.17245  (21120616)
        258662.03   4027205.52       32.38267  (21120616)                258662.37
4027229.71       33.16264  (21120616)
        258662.71   4027253.91       33.89442  (21120616)                258663.05
4027278.11       33.95337  (21120616)
        258462.05   4027208.33       26.28839  (21120616)                258462.39
4027232.52       27.27415  (21120616)
        258462.73   4027256.72       28.28551  (21120616)                258463.07
4027280.92       29.03820  (21120616)
        258262.07   4027211.14       21.95173  (21120616)                258262.41
4027235.33       23.38479  (21120616)
        258262.75   4027259.53       24.49393  (21120616)                258263.09
4027283.73       25.63067  (21120616)
        258062.43   4027238.14       19.70116  (21120616)                258062.77
4027262.34       20.91737  (21120616)
        258063.11   4027286.54       21.83890  (21120616)                257862.45
4027240.95       16.53486  (21120616)
        257862.79   4027265.15       17.97522  (21120616)                257863.13
4027289.35       19.12200  (21120616)
        259338.18   4027292.34       58.63579  (21120616)                259338.38
4027316.19       59.47936  (21120616)
        259338.58   4027340.05       56.57184  (20010709)                259313.18
4027292.55       57.17052  (21120616)
        259313.38   4027316.40       57.77539  (21120616)                259313.58
4027340.26       56.62903  (20010709)
        259288.18   4027292.76       54.28953  (21120616)                259288.38
4027316.61       54.01926  (21120616)
        259288.58   4027340.47       52.59615  (21120616)                259263.18
4027292.96       52.57107  (21120616)
        259263.38   4027316.82       51.58309  (21120616)                259263.58
4027340.68       50.40958  (21120616)
        259213.19   4027293.38       50.76582  (21120616)                259213.39
4027317.24       50.25417  (21120616)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 430
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE1 ***
INCLUDING SOURCE(S): PHASE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
259213.59	4027341.10	48.09130	(21120616)	259163.19	4027293.80	48.26160	(21120616)
259163.39	4027317.66	48.63449	(21120616)	259163.59	4027341.52	47.23351	(21120616)
259113.19	4027294.22	45.75181	(21120616)	259113.39	4027318.08	45.10576	(21120616)
259113.59	4027341.94	43.69659	(21120616)	259063.39	4027318.50	43.04323	(21120616)
259063.59	4027342.35	41.93336	(21120616)	258963.39	4027319.34	41.69372	(21120616)
258963.59	4027343.19	40.41774	(21120616)	258863.40	4027320.17	38.36494	(21120616)
258863.60	4027344.03	37.48287	(21120616)	258763.40	4027321.01	35.29760	(21120616)
258763.60	4027344.87	34.24433	(21120616)	258663.40	4027321.85	33.19474	(21120616)
258663.60	4027345.71	32.52704	(21120616)	258463.41	4027323.53	29.46363	(21120616)
258463.61	4027347.38	29.06845	(21120616)	258263.42	4027325.20	26.61616	(21120616)
258263.62	4027349.06	26.63251	(21120616)	258063.43	4027326.88	22.88914	(21120616)
258063.63	4027350.74	23.05076	(21120616)	257863.43	4027328.56	20.38430	(21120616)
257863.63	4027352.41	20.89519	(21120616)	259339.22	4027365.21	55.28385	(20010709)
259339.86	4027389.95	54.26890	(20010709)	259340.50	4027414.68	54.13564	(20010709)
259341.13	4027439.41	54.84621	(20010709)	259341.77	4027464.14	56.10297	(20010709)
259342.40	4027488.87	57.62371	(20010709)	259343.04	4027513.60	59.31137	(20010709)
259343.68	4027538.33	60.75000	(20010709)	259344.31	4027563.06	61.50011	(20010709)
259344.95	4027587.80	62.77516	(20010709)	259345.58			

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4027612.53       63.10210  (20010709)
        259346.22   4027637.26       62.26644  (20010709)                259346.86
4027661.99       60.41921  (20010709)
        259347.49   4027686.72       57.72257  (20010709)                259348.13
4027711.45       54.35566  (20010709)
        259314.23   4027365.86       56.35158  (20010709)                259314.87
4027390.59       54.68988  (20010709)
        259315.50   4027415.32       52.94821  (20010709)                259316.14
4027440.05       52.33818  (20010709)
        259316.78   4027464.78       52.47133  (20010709)                259317.41
4027489.51       53.66425  (20010709)
        259318.05   4027514.24       55.05940  (20010709)                259318.68
4027538.98       56.48409  (20010709)
        259319.32   4027563.71       57.94683  (20010709)                259319.96
4027588.44       59.14743  (20010709)
        259320.59   4027613.17       59.79534  (20010709)                259321.23
4027637.90       60.14921  (20010709)
        259321.86   4027662.63       59.36595  (20010709)                259322.50
4027687.36       57.49816  (20010709)
        259323.14   4027712.10       55.22613  (20010709)                259289.24
4027366.50       53.74310  (20010709)
        259289.88   4027391.23       53.10405  (20010709)                259290.51
4027415.96       51.31128  (20010709)
        259291.15   4027440.69       49.79034  (20010709)                259291.78
4027465.42       50.19899  (20010709)
        259292.42   4027490.16       50.92428  (20010709)                259293.06
4027514.89       51.98878  (20010709)
        259293.69   4027539.62       53.04269  (20010709)                259294.33
4027564.35       53.91538  (20010709)
        259294.96   4027589.08       55.25713  (20010709)                259295.60
4027613.81       56.37817  (20010709)
        259296.24   4027638.54       57.44391  (20010709)                259296.87
4027663.28       57.65130  (20010709)
        259297.51   4027688.01       56.87258  (20010709)                259298.14
4027712.74       55.32100  (20010709)
        259264.25   4027367.14       48.66025  (20010709)                259264.89
4027391.87       49.27888  (20010709)
        259265.52   4027416.60       48.75001  (20010709)                259266.16
4027441.34       47.49658  (20010709)
        259266.79   4027466.07       47.85861  (20010709)                259267.43
4027490.80       48.72172  (20010709)
        259268.07   4027515.53       49.46439  (20010709)                259268.70
4027540.26       50.12601  (20010709)
        259269.34   4027564.99       50.88597  (20010709)                259269.97
4027589.72       52.02195  (20010709)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE1 ***
INCLUDING SOURCE(S): PHASE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
259270.61	4027614.46	53.22966	(20010709)	259271.25	4027639.19	54.38244	(20010709)
259271.88	4027663.92	55.10941	(20010709)	259272.52	4027688.65	55.20653	(20010709)
259273.15	4027713.38	54.58798	(20010709)	259214.27	4027368.43	41.77177	(21120616)
259214.90	4027393.16	39.63583	(20010709)	259215.54	4027417.89	41.00977	(20010709)
259216.17	4027442.62	41.59255	(20010709)	259216.81	4027467.35	43.26281	(20010709)
259217.45	4027492.08	44.66008	(20010709)	259218.08	4027516.82	45.39756	(20010709)
259218.72	4027541.55	45.89835	(20010709)	259219.35	4027566.28	46.29780	(20010709)
259219.99	4027591.01	46.67771	(20010709)	259220.63	4027615.74	47.44192	(20010709)
259221.26	4027640.47	48.39338	(20010709)	259221.90	4027665.20	49.41087	(20010709)
259222.53	4027689.93	50.28846	(20010709)	259223.17	4027714.67	50.72042	(20010709)
259164.28	4027369.71	41.62483	(21120616)	259164.92	4027394.44	33.95872	(21120616)
259165.55	4027419.18	35.16608	(18121909)	259166.19	4027443.91	36.38535	(18121909)
259166.83	4027468.64	38.53190	(20010709)	259167.46	4027493.37	40.50846	(20010709)
259168.10	4027518.10	41.92158	(20010709)	259168.73	4027542.83	42.49505	(20010709)
259169.37	4027567.56	42.66219	(20010709)	259170.01	4027592.29	42.76840	(20010709)
259170.64	4027617.03	43.04839	(20010709)	259171.28	4027641.76	43.35810	(20010709)
259171.91	4027666.49	43.93300	(20010709)	259172.55			

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4027691.22       44.74714  (20010709)
        259173.19   4027715.95       45.61018  (20010709)                259114.30
4027371.00       39.56008  (21120616)
        259114.93   4027395.73       33.86410  (21120616)                259115.57
4027420.46       32.38107  (18121909)
        259116.21   4027445.19       33.79501  (18121909)                259116.84
4027469.92       34.54757  (18121909)
        259117.48   4027494.65       34.95758  (22121909)                259118.11
4027519.39       36.43662  (22121909)
        259118.75   4027544.12       37.12034  (22121909)                259119.39
4027568.85       37.56313  (20010709)
        259120.02   4027593.58       38.51057  (20010709)                259120.66
4027618.31       39.01715  (20010709)
        259121.29   4027643.04       39.31066  (20010709)                259121.93
4027667.77       39.68033  (20010709)
        259122.57   4027692.51       40.31409  (20010709)                259123.20
4027717.24       41.09452  (20010709)
        259064.32   4027372.28       38.27718  (21120616)                259064.95
4027397.02       33.51978  (21120616)
        259065.59   4027421.75       29.60956  (18121909)                259066.22
4027446.48       30.99746  (18121909)
        259066.86   4027471.21       32.03771  (18121909)                259067.50
4027495.94       32.28249  (18121909)
        259068.13   4027520.67       32.25798  (22121909)                259068.77
4027545.40       33.66090  (22121909)
        259069.40   4027570.13       34.67678  (22121909)                259070.04
4027594.87       34.70308  (22121909)
        259070.68   4027619.60       33.95918  (20010709)                259071.31
4027644.33       34.96612  (20010709)
        259071.95   4027669.06       35.93422  (20010709)                259072.58
4027693.79       36.73234  (20010709)
        259073.22   4027718.52       37.38817  (20010709)                258964.35
4027374.85       37.06199  (21120616)
        258964.98   4027399.59       32.92130  (21120616)                258965.62
4027424.32       27.50761  (21120616)
        258966.26   4027449.05       26.31915  (22121909)                258966.89
4027473.78       26.83263  (18121909)
        258967.53   4027498.51       27.68930  (18121909)                258968.16
4027523.24       28.51904  (18121909)
        258968.80   4027547.97       28.76141  (18121909)                258969.44
4027572.71       29.33445  (22121909)
        258970.07   4027597.44       30.50261  (22121909)                258970.71
4027622.17       31.21610  (22121909)
        258971.34   4027646.90       31.19704  (22121909)                258971.98
4027671.63       30.30858  (22121909)
        258972.62   4027696.36       28.65513  (22121909)                258973.25
4027721.09       28.43941  (20010709)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE1 ***
INCLUDING SOURCE(S): PHASE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
258864.38	4027377.43	34.89231	(21120616)	258865.02	4027402.16	31.65537	(21120616)
258865.65	4027426.89	27.37272	(21120616)	258866.29	4027451.62	24.07726	(22121909)
258866.93	4027476.35	24.27978	(22121909)	258867.56	4027501.08	24.43972	(18121909)
258868.20	4027525.81	25.31706	(18121909)	258868.83	4027550.54	25.95306	(18121909)
258869.47	4027575.28	26.19185	(18121909)	258870.11	4027600.01	25.91094	(18121909)
258870.74	4027624.74	26.67152	(22121909)	258871.38	4027649.47	27.51544	(22121909)
258872.01	4027674.20	28.15318	(22121909)	258872.65	4027698.93	28.19385	(22121909)
258873.29	4027723.66	27.66534	(22121909)	258764.41	4027380.00	32.28162	(21120616)
258765.05	4027404.73	29.94890	(21120616)	258765.69	4027429.46	26.63155	(21120616)
258766.32	4027454.19	22.68915	(21120616)	258766.96	4027478.92	21.39852	(18121909)
258767.59	4027503.65	21.81142	(18121909)	258768.23	4027528.38	22.33597	(18121909)
258768.87	4027553.12	22.93451	(18121909)	258769.50	4027577.85	23.53233	(18121909)
258770.14	4027602.58	23.91055	(18121909)	258770.77	4027627.31	23.88519	(18121909)
258771.41	4027652.04	23.76726	(22121909)	258772.05	4027676.77	24.68215	(22121909)
258772.68	4027701.50	25.42756	(22121909)	258773.32	4027726.23	25.89311	(22121909)
258664.45	4027382.57	30.62845	(21120616)	258665.08			

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4027407.30       28.43345  (21120616)
        258665.72   4027432.03       25.72603  (21120616)                258666.36
4027456.76       22.45603  (21120616)
        258666.99   4027481.49       19.19436  (18121909)                258667.63
4027506.22       19.61834  (18121909)
        258668.26   4027530.95       20.06325  (18121909)                258668.90
4027555.69       20.59601  (18121909)
        258669.54   4027580.42       21.12235  (18121909)                258670.17
4027605.15       21.62205  (18121909)
        258670.81   4027629.88       21.96427  (18121909)                258671.44
4027654.61       22.00533  (18121909)
        258672.08   4027679.34       21.79096  (18121909)                258672.72
4027704.07       22.16659  (22121909)
        258673.35   4027728.81       22.89216  (22121909)                258464.51
4027387.71       27.75702  (21120616)
        258465.15   4027412.44       26.37564  (21120616)                258465.79
4027437.17       24.37930  (21120616)
        258466.42   4027461.90       21.93817  (21120616)                258467.06
4027486.63       19.28521  (21120616)
        258467.69   4027511.37       16.69908  (22122109)                258468.33
4027536.10       16.28618  (22122109)
        258468.97   4027560.83       16.49148  (18121909)                258469.60
4027585.56       16.97752  (18121909)
        258470.24   4027610.29       17.49272  (18121909)                258470.87
4027635.02       17.94901  (18121909)
        258471.51   4027659.75       18.35721  (18121909)                258472.15
4027684.48       18.72685  (18121909)
        258472.78   4027709.22       18.99867  (18121909)                258473.42
4027733.95       19.08507  (18121909)
        258264.58   4027392.85       25.63828  (21120616)                258265.22
4027417.58       24.46387  (21120616)
        258265.85   4027442.31       22.89984  (21120616)                258266.49
4027467.04       21.15025  (21120616)
        258267.12   4027491.78       19.18662  (21120616)                258267.76
4027516.51       16.89309  (21120616)
        258268.40   4027541.24       14.79592  (22122109)                258269.03
4027565.97       14.84219  (18012609)
        258269.67   4027590.70       15.50664  (18012609)                258270.30
4027615.43       16.13327  (18012609)
        258270.94   4027640.16       16.35113  (18012609)                258271.58
4027664.89       16.44829  (18012609)
        258272.21   4027689.63       16.31565  (18012609)                258272.85
4027714.36       15.96663  (18121909)
        258273.48   4027739.09       16.28759  (18121909)                258064.01
4027373.26       23.08163  (21120616)
        258064.65   4027397.99       22.83945  (21120616)                258065.28
4027422.72       22.34270  (21120616)
        258065.92   4027447.45       21.57505  (21120616)                258066.55
4027472.19       20.51206  (21120616)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                 INCLUDING SOURCE(S):   PHASE1   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        258067.19   4027496.92   19.15307 (21120616)   258067.83
4027521.65   17.44460 (21120616)
        258068.46   4027546.38   15.50159 (21120616)   258069.10
4027571.11   13.93316 (18012609)
        258069.73   4027595.84   14.37686 (18012609)   258070.37
4027620.57   14.80876 (18012609)
        258071.01   4027645.30   15.28820 (18012609)   258071.64
4027670.04   15.81423 (18012609)
        258072.28   4027694.77   16.24683 (18012609)   258072.91
4027719.50   16.38483 (18012609)
        258073.55   4027744.23   16.10869 (18012609)   257864.08
4027378.40   21.20835 (21120616)
        257864.71   4027403.13   21.22656 (21120616)   257865.35
4027427.86   20.93340 (21120616)
        257865.98   4027452.60   20.37635 (21120616)   257866.62
4027477.33   19.55244 (21120616)
        257867.26   4027502.06   18.45182 (21120616)   257867.89
4027526.79   17.32054 (21120616)
        257868.53   4027551.52   15.85716 (21120616)   257869.16
4027576.25   14.11799 (21120616)
        257869.80   4027600.98   12.80910 (18012609)   257870.44
4027625.72   13.58128 (18012609)
        257871.07   4027650.45   14.11075 (18012609)   257871.71
4027675.18   14.54204 (18012609)
        257872.34   4027699.91   14.97217 (18012609)   257872.98
4027724.64   15.43145 (18012609)
        257873.62   4027749.37   15.79695 (18012609)   259373.56
4027735.81   51.10311 (20010709)
        259396.16   4027735.41   49.47567 (20010709)   259418.75

4027735.01 48.01598 (20010709)
259441.35 4027734.61 47.02677 (20010709) 259463.95
4027734.22 44.24976 (20010709)
259486.54 4027733.82 40.58728 (20010709) 259509.14
4027733.42 38.51986 (19123109)
259531.74 4027733.02 37.69957 (19123109) 259554.33
4027732.62 38.14820 (19123109)
259576.93 4027732.23 37.95592 (19123109) 259356.27
4027753.86 50.68704 (20010709)
259396.60 4027760.40 47.34040 (20010709) 259419.19
4027760.01 45.58319 (20010709)
259441.79 4027759.61 43.69554 (20010709) 259464.39
4027759.21 40.82899 (19123109)
259486.98 4027758.81 39.16038 (19123109) 259509.58
4027758.42 37.55911 (19123109)
259532.18 4027758.02 36.81756 (19123109) 259554.77
4027757.62 37.42856 (19123109)
259577.37 4027757.22 37.42929 (19123109) 259356.71
4027778.86 48.64935 (20010709)
259313.55 4027747.57 52.68832 (20010709) 259397.04
4027785.40 44.81469 (20010709)
259419.63 4027785.00 42.66129 (20010709) 259442.23
4027784.61 40.22766 (19123109)
259464.83 4027784.21 39.38806 (19123109) 259487.42
4027783.81 37.73652 (19123109)
259510.02 4027783.41 36.19207 (19123109) 259532.62
4027783.01 35.38253 (19123109)
259555.21 4027782.62 35.84568 (19123109) 259577.81
4027782.22 36.20931 (19123109)
259357.15 4027803.85 45.88760 (20010709) 259321.69
4027789.98 49.20199 (20010709)
259296.26 4027765.62 51.54140 (20010709) 259397.48
4027810.40 41.62348 (20010709)
259420.07 4027810.00 39.26405 (20010709) 259442.67
4027809.60 39.10561 (19123109)
259465.27 4027809.20 38.04322 (19123109) 259487.86
4027808.81 36.42445 (19123109)
259510.46 4027808.41 34.85737 (19123109) 259533.06
4027808.01 33.78196 (19123109)
259555.65 4027807.61 33.75377 (19123109) 259578.25
4027807.21 34.35590 (19123109)
259358.03 4027853.85 39.38779 (20010709) 259322.57
4027839.97 44.06006 (20010709)
259287.11 4027826.09 47.52235 (20010709) 259261.67
4027801.73 49.90191 (20010709)
259246.27 4027766.91 50.90951 (20010709) 259398.36
4027860.39 36.79762 (19123109)
259420.95 4027859.99 36.98347 (19123109) 259443.55
4027859.59 36.54053 (19123109)
259466.15 4027859.20 35.51298 (19123109) 259488.74

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE1   ***
                                  INCLUDING SOURCE(S):   PHASE1   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF OTHER   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

4027960.37 32.70354 (19123109)
259422.71 4027959.98 32.53348 (19123109) 259445.31
4027959.58 32.15867 (19123109)
259467.91 4027959.18 31.68711 (19123109) 259490.50
4027958.78 30.97374 (19123109)
259513.10 4027958.38 30.43654 (19123109) 259535.70
4027957.99 29.95873 (19123109)
259558.29 4027957.59 29.24268 (19123109) 259580.89
4027957.19 28.46146 (19123109)
259359.06 4028003.19 32.06909 (19123109) 259320.37
4027988.05 30.75210 (19123109)
259281.69 4027972.91 33.29605 (20010709) 259243.00
4027957.77 37.95329 (20010709)
259204.32 4027942.63 40.86243 (20010709) 259157.23
4027908.49 43.84457 (20010709)
259140.43 4027870.50 43.76675 (20010709) 259123.63
4027832.50 42.43785 (20010709)
259106.82 4027794.51 41.32531 (20010709) 259090.02
4027756.52 39.44028 (20010709)
259401.00 4028010.37 31.80062 (19123109) 259423.59
4028009.97 31.34448 (19123109)
259446.19 4028009.57 30.75364 (19123109) 259468.79
4028009.17 30.16235 (19123109)
259491.38 4028008.77 29.58165 (19123109) 259513.98
4028008.38 28.96462 (19123109)
259536.58 4028007.98 28.20076 (19123109) 259559.17
4028007.58 27.14792 (19123109)
259581.77 4028007.18 25.83522 (19123109) 259359.90
4028102.82 29.59037 (19123109)
259319.37 4028086.95 30.06753 (19123109) 259278.84
4028071.09 28.62937 (19123109)
259238.31 4028055.23 28.80221 (20010709) 259197.79
4028039.37 33.76767 (20010709)
259157.26 4028023.50 37.30889 (20010709) 259116.73
4028007.64 39.01250 (20010709)
259087.67 4027979.81 40.35495 (20010709) 259070.06
4027940.01 40.80483 (20010709)
259052.46 4027900.20 39.56470 (20010709) 259034.86
4027860.40 37.52919 (20010709)
259017.26 4027820.60 35.67378 (20010709) 258999.66
4027780.80 33.58254 (20010709)
259402.76 4028110.35 28.18538 (19123109) 259425.35
4028109.95 27.60441 (19123109)
259447.95 4028109.55 27.02896 (19123109) 259470.55
4028109.16 26.41189 (19123109)
259493.14 4028108.76 25.80140 (19123109) 259515.74
4028108.36 25.04135 (19123109)
259538.34 4028107.96 24.43569 (21010709) 259560.93
4028107.57 23.77502 (21010709)
259583.53 4028107.17 23.24296 (21010709) 259361.06

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4028202.57       26.44342  (19123109)
        259319.34   4028186.24       27.83899  (19123109)                259277.62
4028169.91       27.72598  (19123109)
↑ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 435
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE1   ***
                                  INCLUDING SOURCE(S):     PHASE1      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        259235.90   4028153.58       25.71313  (20011309)                259194.18
4028137.25       24.08210  (20010709)
        259152.46   4028120.92       29.20899  (20010709)                259110.74
4028104.59       33.65807  (20010709)
        259069.02   4028088.27       36.31788  (20010709)                259018.25
4028051.45       37.65866  (20010709)
        259000.13   4028010.48       37.66897  (20010709)                258982.01
4027969.50       36.45453  (20010709)
        258963.89   4027928.53       34.64732  (20010709)                258945.77
4027887.56       32.75355  (20010709)
        258927.65   4027846.58       30.28839  (20010709)                258909.53
4027805.61       26.98496  (20010709)
        258891.41   4027764.64       25.10214  (22121909)                259404.52
4028210.33       25.39650  (19123109)
        259427.11   4028209.94       24.80995  (19123109)                259449.71
4028209.54       24.10094  (19123109)
        259472.31   4028209.14       23.60504  (21010709)                259494.90
4028208.74       23.56608  (21010709)
        259517.50   4028208.35       23.04914  (21010709)                259540.10
4028207.95       22.43405  (21010709)
        259562.69   4028207.55       21.87425  (21010709)                259585.29
4028207.15       21.90341  (21010109)
        259363.42   4028302.79       24.05474  (19123109)                259322.89
4028286.92       25.47157  (19123109)
        259282.36   4028271.06       26.10709  (19123109)                259241.83
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4028255.20       25.81362  (19123109)
        259201.31   4028239.34       24.33958  (20011309)                259160.78
4028223.47       23.07400  (20011309)
        259120.25   4028207.61       24.75224  (20010709)                259079.72
4028191.75       29.07902  (20010709)
        259039.20   4028175.89       32.35903  (20010709)                258998.67
4028160.02       34.32536  (20010709)
        258949.34   4028124.26       35.26999  (20010709)                258931.74
4028084.46       34.82562  (20010709)
        258914.14   4028044.66       33.60896  (20010709)                258896.53
4028004.85       32.16607  (20010709)
        258878.93   4027965.05       29.74042  (20010709)                258861.33
4027925.25       27.24314  (20010709)
        258843.73   4027885.45       24.57721  (20010709)                258826.13
4027845.64       22.52239  (22122209)
        258808.52   4027805.84       23.67170  (22121909)                258790.92
4027766.04       25.85032  (22121909)
        259406.28   4028310.32       22.52963  (19123109)                259428.87
4028309.92       21.96150  (21010709)
        259451.47   4028309.52       22.01835  (21010709)                259474.07
4028309.13       21.78939  (21010709)
        259496.66   4028308.73       21.53594  (21010709)                259519.26
4028308.33       21.02766  (21010709)
        259541.86   4028307.93       20.54882  (21010709)                259564.45
4028307.53       20.07990  (21010709)
        259587.05   4028307.14       20.57594  (21010109)                259364.75
4028402.61       21.69406  (19123109)
        259323.38   4028386.41       23.21842  (19123109)                259282.01
4028370.22       24.26239  (19123109)
        259240.64   4028354.03       24.73782  (19123109)                259199.27
4028337.83       24.27748  (19123109)
        259157.90   4028321.64       23.31393  (20011309)                259116.52
4028305.45       21.62475  (20011309)
        259075.15   4028289.26       21.56832  (20010709)                259033.78
4028273.06       25.61536  (20010709)
        258992.41   4028256.87       28.94673  (20010709)                258951.04
4028240.68       31.42220  (20010709)
        258909.67   4028224.48       32.87662  (20010709)                258880.00
4028196.07       32.96545  (20010709)
        258862.03   4028155.44       32.44119  (20010709)                258844.06
4028114.81       31.64583  (20010709)
        258826.09   4028074.18       29.89248  (20010709)                258808.12
4028033.54       27.28951  (20010709)
        258790.15   4027992.91       24.85294  (20010709)                258772.18
4027952.28       21.88502  (20010709)
        258754.21   4027911.65       20.88232  (22122209)                258736.24
4027871.02       21.08373  (22122209)
        258718.27   4027830.39       23.49284  (22121909)                258700.30
4027789.75       24.41003  (22121909)
        259408.04   4028410.30       20.63456  (21010709)                259430.63
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4028409.91       20.61560  (21010709)
        259453.23   4028409.51       20.38487  (21010709)                259475.83
4028409.11       20.01585  (21010709)
        259498.42   4028408.71       19.55539  (21010709)                259521.02
4028408.31       19.05694  (21010709)
🌲 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 436
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE1   ***
                                 INCLUDING SOURCE(S):     PHASE1      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        259543.62   4028407.92       18.66229  (21010709)                259566.21
4028407.52       18.32379  (21010709)
        259588.81   4028407.12       19.44832  (21010109)                259368.37
4028602.61       18.57121  (21010709)
        259327.19   4028586.49       18.54436  (19123109)                259286.01
4028570.37       20.25802  (19123109)
        259244.83   4028554.26       21.44705  (19123109)                259203.65
4028538.14       22.15014  (19123109)
        259162.46   4028522.02       22.34736  (19123109)                259121.28
4028505.90       21.55336  (19123109)
        259080.10   4028489.78       20.89325  (20011309)                259038.92
4028473.67       19.26580  (20011309)
        258997.74   4028457.55       16.87713  (20011309)                258956.56
4028441.43       19.39637  (20010709)
        258915.38   4028425.31       23.15371  (20010709)                258874.20
4028409.19       26.09384  (20010709)
        258833.02   4028393.07       28.31113  (20010709)                258791.83
4028376.96       29.54277  (20010709)
        258741.71   4028340.62       29.69680  (20010709)                258723.82
4028300.17       29.07742  (20010709)
        258705.94   4028259.73       27.81303  (20010709)                258688.05
4028219.28       25.89321  (20010709)
        258670.17   4028178.84       23.48573  (20010709)                258652.28
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4028138.39       20.99085  (20010709)
        258634.39   4028097.95       18.15404  (22122216)                258616.51
4028057.50       16.75303  (22122209)
        258598.62   4028017.06       18.26693  (22122209)                258580.73
4027976.61       18.49410  (22122209)
        258562.85   4027936.17       19.82769  (22121909)                258544.96
4027895.73       21.13280  (22121909)
        258527.08   4027855.28       21.12107  (22121909)                258509.19
4027814.84       20.17508  (22121909)
        258491.30   4027774.39       19.10060  (22121909)                259411.56
4028610.27       18.35971  (21010709)
        259434.15   4028609.88       18.22679  (21010709)                259456.75
4028609.48       17.89126  (21010709)
        259479.35   4028609.08       17.44131  (21010709)                259501.94
4028608.68       16.91995  (21010709)
        259524.54   4028608.28       16.40393  (21010709)                259547.14
4028607.89       15.82572  (21010709)
        259569.73   4028607.49       16.27859  (21010109)                259592.33
4028607.09       17.37460  (21010109)
        259371.95   4028802.60       16.69216  (21010709)                259330.89
4028786.53       16.71566  (21010709)
        259289.83   4028770.46       16.05923  (21010709)                259248.77
4028754.39       17.32405  (19123109)
        259207.71   4028738.32       18.88732  (19123109)                259166.65
4028722.25       19.92216  (19123109)
        259125.59   4028706.18       20.38535  (19123109)                259084.53
4028690.11       20.12919  (19123109)
        259043.47   4028674.04       19.34677  (20011309)                259002.40
4028657.96       18.71384  (20011309)
        258961.34   4028641.89       17.27658  (20011309)                258920.28
4028625.82       15.21726  (20011309)
        258879.22   4028609.75       13.79929  (20010709)                258838.16
4028593.68       17.33288  (20010709)
        258797.10   4028577.61       20.58958  (20010709)                258756.04
4028561.54       23.27596  (20010709)
        258714.98   4028545.47       25.41423  (20010709)                258673.92
4028529.39       26.66014  (20010709)
        258632.86   4028513.32       26.98244  (20010709)                258603.41
4028485.13       26.54185  (20010709)
        258585.58   4028444.80       25.58364  (20010709)                258567.74
4028404.47       24.31790  (20010709)
        258549.91   4028364.15       22.50003  (20010709)                258532.08
4028323.82       20.36092  (20010709)
        258514.24   4028283.49       17.86150  (20010709)                258496.41
4028243.17       16.70872  (22122216)
        258478.57   4028202.84       15.28231  (22122216)                258460.74
4028162.51       15.16137  (22122209)
        258442.91   4028122.19       16.26208  (22122209)                258425.07
4028081.86       16.50177  (22122209)
        258407.24   4028041.54       17.09605  (22121909)                258389.40
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4028001.21   18.72397 (22121909)
        258371.57   4027960.88   19.21573 (22121909)   258353.74
4027920.56   18.79661 (22121909)
        258335.90   4027880.23   17.99387 (22121909)   258318.07
4027839.90   17.02007 (18121909)
        258300.23   4027799.58   17.21603 (18121909)   259415.08
4028810.24   16.18124 (21010709)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                  INCLUDING SOURCE(S):   PHASE1   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        259437.67   4028809.84   15.81047 (21010709)   259460.27
4028809.45   15.39854 (21010709)
        259482.87   4028809.05   14.91933 (21010709)   259505.46
4028808.65   14.36037 (21010709)
        259528.06   4028808.25   13.70367 (21010709)   259550.66
4028807.86   13.91185 (21010109)
        259573.25   4028807.46   15.00454 (21010109)   259595.85
4028807.06   15.87709 (21010109)
        259375.05   4029002.41   14.92983 (21010709)   259354.09
4028994.21   15.24067 (21010709)
        259333.14   4028986.00   15.42206 (21010709)   259312.18
4028977.80   15.46794 (21010709)
        259291.23   4028969.60   15.36431 (21010709)   259249.32
4028953.20   14.80154 (21010709)
        259228.36   4028945.00   14.24192 (21010709)   259207.41
4028936.79   15.00974 (19123109)
        259186.46   4028928.59   15.85716 (19123109)   259144.55
4028912.19   17.21236 (19123109)
        259123.59   4028903.99   17.74931 (19123109)   259102.64
4028895.79   18.18041 (19123109)
        259081.68   4028887.58   18.55559 (19123109)   259039.77

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4028871.18       18.67235  (19123109)
        259018.82   4028862.98       18.46856  (19123109)                258997.87
4028854.78       18.06798  (19123109)
        258976.91   4028846.58       17.82058  (20011309)                258935.00
4028830.17       17.20819  (20011309)
        258914.05   4028821.97       16.70656  (20011309)                258893.09
4028813.77       16.04156  (20011309)
        258872.14   4028805.57       15.20280  (20011309)                258851.18
4028797.37       14.24978  (20011309)
        258809.27   4028780.96       12.04541  (20011309)                258788.32
4028772.76       10.85619  (20011309)
        258767.37   4028764.56       12.18760  (20010709)                258746.41
4028756.36       13.74565  (20010709)
        258704.50   4028739.96       16.82895  (20010709)                258683.55
4028731.75       18.28984  (20010709)
        258662.59   4028723.55       19.62922  (20010709)                258641.64
4028715.35       20.79120  (20010709)
        258599.73   4028698.95       22.72591  (20010709)                258578.77
4028690.75       23.42646  (20010709)
        258557.82   4028682.55       23.87309  (20010709)                258536.87
4028674.34       24.09880  (20010709)
        258494.96   4028657.94       24.33668  (20010709)                258464.90
4028629.16       23.93677  (20010709)
        258455.80   4028608.58       23.48242  (20010709)                258437.60
4028567.42       22.31456  (20010709)
        258428.50   4028546.84       21.54912  (20010709)                258410.29
4028505.68       19.69508  (20010709)
        258401.19   4028485.10       18.61687  (20010709)                258382.99
4028443.94       16.64215  (22122216)
        258373.89   4028423.36       16.22324  (22122216)                258355.69
4028382.20       15.19241  (22122216)
        258346.59   4028361.62       14.54570  (22122216)                258328.38
4028320.46       13.02170  (22122216)
        258310.18   4028279.30       13.54811  (22122209)                258291.98
4028238.14       14.69372  (22122209)
        258282.88   4028217.56       14.99183  (22122209)                258264.67
4028176.40       15.02583  (22122209)
        258255.57   4028155.83       14.86951  (22122209)                258237.37
4028114.67       16.30052  (22121909)
        258228.27   4028094.09       16.88447  (22121909)                258210.07
4028052.93       17.39599  (22121909)
        258200.97   4028032.35       17.35681  (22121909)                258182.76
4027991.19       16.84693  (22121909)
        258173.66   4027970.61       16.43936  (22121909)                258155.46
4027929.45       15.41214  (22121909)
        258146.36   4027908.87       15.43881  (18121909)                258128.16
4027867.71       15.67668  (18121909)
        258109.95   4027826.55       15.25219  (18121909)                258091.75
4027785.39       14.99415  (18012609)
        259418.60   4029010.21       14.07068  (21010709)                259441.19
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                 INCLUDING SOURCE(S):   PHASE1   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        259336.94   4029186.08   13.86765 (21010709)   259295.22
4029169.76   14.26799 (21010709)
        259253.50   4029153.43   14.19180 (21010709)   259211.78
4029137.10   13.61037 (21010709)
        259170.06   4029120.77   12.50896 (19123109)   259128.34
4029104.44   14.29758 (19123109)
        259086.63   4029088.11   15.70726 (19123109)   259044.91
4029071.78   16.69842 (19123109)
        259003.19   4029055.45   17.17966 (19123109)   258961.47
4029039.12   17.04667 (19123109)
        258919.75   4029022.79   16.50623 (20011309)   258878.03
4029006.47   16.25156 (20011309)
        258836.31   4028990.14   15.30394 (20011309)   258794.59
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        259649.41   4027904.81       30.77593  (21010109)                259693.38
4027903.27       31.40415  (18122409)
↑ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE1   ***
                                  INCLUDING SOURCE(S):     PHASE1      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4027956.31       28.38232  (21010109)
        259651.16   4027954.78       29.96661  (21010109)                259695.12
4027953.24       30.35508  (18122409)
        259739.09   4027951.71       32.46813  (18122409)                259608.94
4028006.28       26.90917  (21010109)
        259652.90   4028004.75       28.67953  (21010109)                259696.87
4028003.21       29.19912  (18122409)
        259740.83   4028001.68       31.57344  (18122409)                259612.42
4028106.22       25.33180  (21010109)
        259656.39   4028104.69       26.63818  (21010109)                259700.35
4028103.15       26.47613  (18122409)
        259744.32   4028101.62       29.34401  (18122409)                259615.91
4028206.16       23.64210  (21010109)
        259659.88   4028204.62       24.47049  (21010109)                259703.84
4028203.09       24.02923  (21010109)
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4027896.45       34.68698  (20010609)
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 440
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE1   ***
                                 INCLUDING SOURCE(S):     PHASE1      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
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        259837.12   4027946.38       31.43437  (20010609)                259860.38
4027945.10       33.20171  (20010609)
        259883.64   4027943.82       35.00948  (20010609)                259906.90
4027942.54       35.38448  (20010609)
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🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 441
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE1   ***
                                  INCLUDING SOURCE(S):     PHASE1      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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4027935.68       41.32958  (18123109)
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        259993.01   4027990.43       32.50338  (20010609)                260016.02
4027989.84       31.81780  (20010609)
        260039.03   4027989.24       30.93472  (20010609)                260062.04
4027988.64       29.91900  (20010609)
        260085.05   4027988.05       30.09645  (18123109)                260108.06
4027987.45       32.99365  (18123109)
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                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE1   ***
                                  INCLUDING SOURCE(S):     PHASE1      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - -
        260131.07   4027986.85       35.42062  (18123109)                260154.09
4027986.26       37.23005  (18123109)
        260177.10   4027985.66       38.79138  (18123109)                259949.58
4028091.59       31.70723  (20010609)
        259972.59   4028091.00       31.56232  (20010609)                259995.60
4028090.40       31.19188  (20010609)
        260018.61   4028089.80       30.57714  (20010609)                260041.62
4028089.21       29.72990  (20010609)
        260064.63   4028088.61       28.73435  (20010609)                260087.65
4028088.01       27.48406  (20010609)
        260110.66   4028087.42       26.02412  (20010609)                260133.67
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4028086.82       25.60084  (18123109)
        260156.68   4028086.22       28.49645  (18123109)                260179.69
4028085.63       31.32658  (18123109)
        259952.17   4028191.56       29.37627  (20010609)                259975.18
4028190.96       29.67974  (20010609)
        259998.19   4028190.37       29.40637  (20010609)                260021.20
4028189.77       28.99170  (20010609)
        260044.22   4028189.17       28.53105  (20010609)                260067.23
4028188.58       27.80791  (20010609)
        260090.24   4028187.98       26.72910  (20010609)                260113.25
4028187.38       25.69187  (20010609)
        260136.26   4028186.79       24.58307  (20010609)                260159.27
4028186.19       23.06756  (20010609)
        260182.28   4028185.59       23.08159  (18123109)                259954.76
4028291.53       26.46642  (20010609)
        259977.78   4028290.93       27.27217  (20010609)                260000.79
4028290.33       27.66106  (20010609)
        260023.80   4028289.74       27.67134  (20010609)                260046.81
4028289.14       27.39674  (20010609)
        260069.82   4028288.54       26.89677  (20010609)                260092.83
4028287.95       26.22411  (20010609)
        260115.84   4028287.35       25.39090  (20010609)                260138.85
4028286.75       24.40305  (20010609)
        260161.86   4028286.16       23.22163  (20010609)                260184.87
4028285.56       21.73837  (20010609)
        259957.36   4028391.49       23.91395  (20010609)                259980.37
4028390.89       24.60435  (20010609)
        260003.38   4028390.30       25.39460  (20010609)                260026.39
4028389.70       25.78394  (20010609)
        260049.40   4028389.10       25.84252  (20010609)                260072.41
4028388.51       25.64028  (20010609)
        260095.42   4028387.91       25.24336  (20010609)                260118.43
4028387.31       24.69006  (20010609)
        260141.44   4028386.72       23.94054  (20010609)                260164.45
4028386.12       22.92256  (20010609)
        260187.46   4028385.52       21.72041  (20010609)                259985.55
4028590.83       19.20125  (20010609)
        260008.56   4028590.23       20.58748  (20010609)                260031.57
4028589.63       21.68300  (20010609)
        260054.58   4028589.04       22.44220  (20010609)                260077.59
4028588.44       22.88947  (20010609)
        260100.61   4028587.84       23.06015  (20010609)                260123.62
4028587.25       22.95642  (20010609)
        260146.63   4028586.65       22.63521  (20010609)                260169.64
4028586.05       22.11337  (20010609)
        260192.65   4028585.46       21.40533  (20010609)                259990.74
4028790.76       17.72711  (18122409)
        260013.75   4028790.16       16.92399  (18122409)                260036.76
4028789.57       17.06148  (20010609)
        260059.77   4028788.97       18.26147  (20010609)                260082.78
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4028788.37       19.21798  (20010609)
        260105.79   4028787.78       19.92817  (20010609)                260128.80
4028787.18       20.37397  (20010609)
        260151.81   4028786.58       20.57079  (20010609)                260174.82
4028785.99       20.57211  (20010609)
        260197.83   4028785.39       20.38626  (20010609)                259995.92
4028990.69       16.64829  (18122409)
        260018.93   4028990.10       16.00561  (18122409)                260041.94
4028989.50       15.23198  (18122409)
        260064.95   4028988.90       14.33283  (18122409)                260087.96
4028988.31       15.38957  (20010609)
        260110.97   4028987.71       16.49788  (20010609)                260133.98
4028987.11       17.40194  (20010609)
        260157.00   4028986.52       18.08085  (20010609)                260180.01
4028985.92       18.52055  (20010609)
        260203.02   4028985.32       18.73851  (20010609)                260001.10
4029190.63       15.63483  (18122409)
        260024.11   4029190.03       15.12758  (18122409)                260047.13
4029189.43       14.49201  (18122409)
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 443
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE1   ***
                                  INCLUDING SOURCE(S):     PHASE1      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        260070.14   4029188.84       13.73669  (18122409)                260093.15
4029188.24       12.85751  (18122409)
        260116.16   4029187.64       13.30827  (22121510)                260139.17
4029187.05       13.93944  (20010609)
        260162.18   4029186.45       14.93077  (20010609)                260185.19
4029185.85       15.75327  (20010609)
        260208.20   4029185.26       16.41066  (20010609)                260190.44
4027695.65       84.46208  (22122009)
        260195.46   4027670.19       91.11764  (22122009)                260214.10
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4027700.10       85.10016  (22122009)
        260192.81   4027726.50       76.33379  (22122009)                260220.40
4027671.92       91.17643  (22122009)
        260238.40   4027703.19       85.05371  (22122009)                260226.93
4027727.68       79.76359  (22122009)
        260208.71   4027745.13       74.05870  (22122009)                260245.34
4027673.65       90.37053  (22122009)
        260262.96   4027705.74       84.10337  (22122009)                260250.72
4027731.86       80.33291  (22122009)
        260225.17   4027763.53       73.11668  (22122009)                260198.54
4027774.63       66.44473  (22122009)
        260270.28   4027675.38       89.18330  (20010809)                260312.40
4027710.13       82.66188  (20010809)
        260299.29   4027738.12       79.14045  (22122009)                260286.18
4027766.11       76.87229  (22122009)
        260258.80   4027800.04       71.51733  (22122009)                260230.27
4027811.93       64.85769  (22122009)
        260201.74   4027823.82       56.43573  (22122009)                260320.16
4027678.84       84.11495  (20010809)
        260362.04   4027714.11       78.46656  (20010809)                260348.44
4027743.14       76.78376  (20010809)
        260334.84   4027772.16       74.05604  (22122009)                260321.24
4027801.19       74.27378  (22122009)
        260292.85   4027836.38       68.60055  (22122009)                260263.26
4027848.71       62.07608  (22122009)
        260233.68   4027861.03       53.77883  (22122009)                260204.09
4027873.36       45.34483  (18123109)
        260370.04   4027682.30       76.46821  (20010809)                260411.77
4027717.90       71.04211  (20010809)
        260397.86   4027747.59       76.06023  (20010809)                260383.95
4027777.27       75.46234  (20010809)
        260370.04   4027806.96       71.84466  (22122009)                260356.13
4027836.64       71.37811  (22122009)
        260327.10   4027872.63       65.97230  (22122009)                260296.84
4027885.24       59.67088  (22122009)
        260266.58   4027897.85       51.56043  (22122009)                260236.32
4027910.46       43.31693  (18123109)
        260206.06   4027923.07       42.71493  (18123109)                260419.92
4027685.76       68.89907  (20121609)
        260461.54   4027721.59       65.00851  (20121609)                260447.42
4027751.73       68.75494  (20010809)
        260433.30   4027781.87       72.84332  (20010809)                260419.17
4027812.01       72.47640  (20010809)
        260405.05   4027842.16       70.17831  (22122009)                260390.93
4027872.30       69.75071  (22122009)
        260361.44   4027908.84       63.37290  (22122009)                260330.72
4027921.64       57.39456  (22122009)
        260300.00   4027934.45       49.27469  (22122009)                260269.27
4027947.25       41.31176  (18123109)
        260238.55   4027960.05       41.71312  (18123109)                260207.82
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4027972.86       40.81431  (18123109)
        260469.80   4027689.22       73.80194  (20121609)                260561.16
4027728.81       70.48376  (20121609)
        260546.76   4027759.54       63.59398  (20121609)                260532.36
4027790.27       54.84316  (20010809)
        260517.96   4027821.00       62.65831  (20010809)                260503.57
4027851.73       66.61140  (20010809)
        260489.17   4027882.47       66.25338  (20010809)                260474.77
4027913.20       62.86948  (22122009)
        260460.37   4027943.93       62.22894  (22122009)                260430.31
4027981.19       57.89618  (22122009)
        260398.98   4027994.25       53.24183  (22122009)                260367.65
4028007.30       46.34173  (22122009)
        260336.32   4028020.35       37.76753  (22122009)                260305.00
4028033.41       38.19096  (18123109)
        260273.67   4028046.46       38.20507  (18123109)                260242.34
4028059.52       37.38314  (18123109)
        260211.02   4028072.57       35.02869  (18123109)                260569.56
4027696.14       73.13891  (20121609)
        260660.84   4027735.91       64.85457  (20121609)                260646.27
4027767.01       64.68593  (20121609)
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 444
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE1   ***
                                 INCLUDING SOURCE(S):     PHASE1      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        260631.70   4027798.10       61.81057  (20121609)                260617.12
4027829.20       55.06988  (20121609)
        260602.55   4027860.30       50.79206  (20010809)                260587.98
4027891.40       57.57312  (20010809)
        260573.41   4027922.50       60.95069  (20010809)                260558.84
4027953.60       61.03594  (20010809)
        260544.27   4027984.69       59.42747  (22122009)                260529.70
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4028015.79       59.57057  (22122009)
        260499.28   4028053.49       54.78187  (22122009)                260467.58
4028066.70       49.92017  (22122009)
        260435.88   4028079.91       43.72464  (22122009)                260404.18
4028093.12       36.42851  (22122009)
        260372.48   4028106.33       35.54715  (18123109)                260340.78
4028119.54       36.04091  (18123109)
        260309.08   4028132.75       35.70075  (18123109)                260277.38
4028145.96       34.27046  (18123109)
        260245.68   4028159.17       31.73150  (18123109)                260213.98
4028172.38       28.05910  (18123109)
        260669.32   4027703.06       61.76662  (20121609)                260760.54
4027742.95       54.57714  (20121609)
        260745.85   4027774.30       60.03752  (20121609)                260731.16
4027805.65       61.77712  (20121609)
        260716.48   4027836.99       59.48741  (20121609)                260701.79
4027868.34       53.75895  (20121609)
        260687.10   4027899.69       45.85764  (20121609)                260672.42
4027931.03       46.24828  (20010809)
        260657.73   4027962.38       52.12479  (20010809)                260643.04
4027993.73       55.83206  (20010809)
        260628.35   4028025.07       56.72425  (20010809)                260613.67
4028056.42       54.22650  (20010809)
        260598.98   4028087.77       54.41573  (22122009)                260568.32
4028125.77       51.60839  (22122009)
        260536.36   4028139.09       47.62235  (22122009)                260504.41
4028152.40       41.87187  (22122009)
        260472.46   4028165.72       34.95963  (22122009)                260440.50
4028179.03       32.02036  (18123109)
        260408.55   4028192.35       33.56757  (18123109)                260376.59
4028205.67       34.10036  (18123109)
        260344.64   4028218.98       33.37056  (18123109)                260312.69
4028232.30       31.52688  (18123109)
        260280.73   4028245.61       28.50696  (18123109)                260248.78
4028258.93       24.45026  (18123109)
        260216.83   4028272.24       19.67603  (18123109)                260769.08
4027709.98       47.21503  (20121609)
        260860.50   4027749.44       39.58025  (20121609)                260846.22
4027779.91       47.23365  (20121609)
        260831.94   4027810.39       52.99092  (20121609)                260817.67
4027840.87       56.27642  (20121609)
        260803.39   4027871.34       56.52591  (20121609)                260789.11
4027901.82       53.50987  (20121609)
        260774.83   4027932.29       48.11252  (20121609)                260760.55
4027962.77       40.79002  (20121609)
        260746.27   4027993.25       41.98126  (20010809)                260731.99
4028023.72       47.82183  (20010809)
        260717.71   4028054.20       51.52302  (20010809)                260703.43
4028084.67       52.78142  (20010809)
        260689.15   4028115.15       51.69282  (20010809)                260674.87
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        260857.00   4028196.59       45.37328  (20010809)                260842.51
4028227.52       46.47631  (20010809)
        260828.02   4028258.46       45.56929  (20010809)                260813.52
4028289.39       44.79702  (22122009)
        260799.03   4028320.33       44.77326  (22122009)                260776.01
4028342.36       43.40741  (22122009)
        260744.48   4028355.50       40.73000  (22122009)                260712.95
4028368.64       36.80622  (22122009)
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4028394.92       26.46415  (22122009)
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        260492.21   4028460.63       28.14451  (18123109)                260460.68
4028473.77       26.61268  (18123109)
        260429.15   4028486.91       24.26002  (18123109)                260397.62
4028500.05       21.10237  (18123109)
        260366.08   4028513.19       17.46023  (18123109)                260334.55
4028526.33       13.60634  (18123109)
        260303.02   4028539.47       14.65822  (20010609)                260271.48
4028552.61       17.23924  (20010609)
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        261259.37   4027777.49        7.78811  (22011309)                261244.73
4027808.73        7.53048  (20112009)
        261230.10   4027839.96       10.66302  (20121609)                261215.46
4027871.19       15.49218  (20121609)
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4027933.66       27.30018  (20121609)
        261171.56   4027964.89       33.15627  (20121609)                261156.93
4027996.13       38.09151  (20121609)
        261142.30   4028027.36       41.76905  (20121609)                261127.66
4028058.59       43.70315  (20121609)
        261113.03   4028089.83       43.31145  (20121609)                261098.39
4028121.06       40.79938  (20121609)
        261083.76   4028152.29       36.77669  (20121609)                261069.13
4028183.53       31.59904  (20121609)
        261054.49   4028214.76       25.86088  (20121609)                261039.86
4028245.99       28.82327  (20010809)
        261025.23   4028277.23       33.74290  (20010809)                261010.59
4028308.46       37.74817  (20010809)
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4028370.93       40.84095  (20010809)
        260966.69   4028402.16       40.05137  (20010809)                260952.06
4028433.39       39.24060  (22122009)
        260937.42   4028464.63       39.53063  (22122009)                260914.19
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4028486.88   38.64958 (22122009)
        260882.35   4028500.15   36.74133 (22122009)   260850.51
4028513.41   33.74951 (22122009)
        260818.67   4028526.68   29.78303 (22122009)   260786.83
4028539.95   25.13291 (22122009)
        260755.00   4028553.21   20.29884 (22122009)   260723.16
4028566.48   21.14775 (18123109)
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4028593.02   25.24895 (18123109)
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4028619.55   25.52965 (18123109)
        260563.97   4028632.82   24.35507 (18123109)   260532.13
4028646.08   22.39031 (18123109)
        260500.29   4028659.35   19.72710 (18123109)   260468.46
4028672.62   16.59433 (18123109)
        260436.62   4028685.89   13.20536 (18123109)   260404.78
4028699.15   11.78840 (22011009)
        260372.94   4028712.42   11.98989 (22011009)   260341.10
4028725.69   13.99415 (20010609)
        260309.27   4028738.96   16.26293 (20010609)   260277.43
4028752.22   18.02595 (20010609)
        260245.59   4028765.49   19.32423 (20010609)   261267.88
4027744.58   9.39328 (22011309)
        261458.97   4027791.15   9.71311 (22011309)   261444.51
4027822.03   8.40137 (22011309)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE1   ***
                                  INCLUDING SOURCE(S):   PHASE1   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                ** CONC OF OTHER   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

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4027945.51       10.76723  (20121609)
        261372.18   4027976.39       14.99188  (20121609)                261357.72
4028007.26       19.79910  (20121609)
        261343.26   4028038.13       24.93664  (20121609)                261328.79
4028069.00       29.90728  (20121609)
        261314.33   4028099.87       34.14324  (20121609)                261299.86
4028130.74       37.21331  (20121609)
        261285.40   4028161.62       38.63323  (20121609)                261270.93
4028192.49       38.35464  (20121609)
        261256.47   4028223.36       36.70333  (20121609)                261242.00
4028254.23       33.74701  (20121609)
        261227.54   4028285.10       29.64449  (20121609)                261213.07
4028315.98       24.87525  (20121609)
        261198.61   4028346.85       20.93692  (20010809)                261184.15
4028377.72       25.40947  (20010809)
        261169.68   4028408.59       29.59271  (20010809)                261155.22
4028439.46       32.93207  (20010809)
        261140.75   4028470.34       35.24808  (20010809)                261126.29
4028501.21       36.34133  (20010809)
        261111.82   4028532.08       36.03810  (20010809)                261097.36
4028562.95       34.39213  (20010809)
        261082.89   4028593.82       34.91855  (22122009)                261052.69
4028631.25       34.90719  (22122009)
        261021.23   4028644.37       33.68031  (22122009)                260989.76
4028657.48       31.30270  (22122009)
        260958.29   4028670.59       28.08430  (22122009)                260926.82
4028683.71       24.31660  (22122009)
        260895.35   4028696.82       20.26728  (22122009)                260863.88
4028709.94       16.22716  (22122009)
        260832.41   4028723.05       18.34624  (18123109)                260800.94
4028736.16       20.67530  (18123109)
        260769.47   4028749.28       22.31915  (18123109)                260738.00
4028762.39       23.17704  (18123109)
        260706.53   4028775.50       23.38546  (18123109)                260675.06
4028788.62       22.71411  (18123109)
        260643.59   4028801.73       21.25377  (18123109)                260612.12
4028814.85       19.15071  (18123109)
        260580.65   4028827.96       16.56617  (18123109)                260549.18
4028841.07       13.77718  (18123109)
        260517.71   4028854.19       10.95312  (18123109)                260486.24
4028867.30       10.62801  (22011009)
        260454.77   4028880.41       10.93990  (22011009)                260423.30
4028893.53       10.94830  (22011009)
        260391.83   4028906.64       12.75901  (20010609)                260360.37
4028919.75       14.71737  (20010609)
        260328.90   4028932.87       16.32658  (20010609)                260297.43
4028945.98       17.53157  (20010609)
        260265.96   4028959.10       18.35103  (20010609)                260234.49
4028972.21       18.75561  (20010609)
        261467.40   4027758.42       10.70866  (22011309)                261658.44
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4027805.11       10.76707  (22011309)
        261643.87   4027836.20        9.93196  (22011309)                261629.30
4027867.30        8.71909  (22011309)
        261614.73   4027898.40        7.25137  (22011309)                261600.16
4027929.50        5.70820  (22011309)
        261585.59   4027960.60        6.16287  (20112009)                261571.02
4027991.69        7.19633  (20112009)
        261556.45   4028022.79        8.14140  (20112009)                261541.88
4028053.89       11.15516  (20121609)
        261527.30   4028084.99       15.03171  (20121609)                261512.73
4028116.09       19.26883  (20121609)
        261498.16   4028147.19       23.64153  (20121609)                261483.59
4028178.28       27.79954  (20121609)
        261469.02   4028209.38       31.30259  (20121609)                261454.45
4028240.48       33.71452  (20121609)
        261439.88   4028271.58       34.78316  (20121609)                261425.31
4028302.68       34.57852  (20121609)
        261410.74   4028333.77       33.00261  (20121609)                261396.17
4028364.87       30.23002  (20121609)
        261381.60   4028395.97       26.53381  (20121609)                261367.03
4028427.07       22.39498  (20121609)
        261352.46   4028458.17       18.16985  (20121609)                261337.89
4028489.27       19.96439  (20010809)
        261323.32   4028520.36       23.81370  (20010809)                261308.75
4028551.46       27.16607  (20010809)
        261294.18   4028582.56       30.01997  (20010809)                261279.61
4028613.66       31.99369  (20010809)
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 447
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE1   ***
                                 INCLUDING SOURCE(S):     PHASE1      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        261265.04   4028644.76       32.80676  (20010809)                261250.47
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4028675.85       32.47520  (20010809)
        261235.90   4028706.95       31.13653  (20010809)                261221.32
4028738.05       31.63938  (22122009)
        261190.90   4028775.75       31.77969  (22122009)                261159.20
4028788.96       30.86690  (22122009)
        261127.50   4028802.17       29.01326  (22122009)                261095.80
4028815.38       26.34615  (22122009)
        261064.10   4028828.59       23.16463  (22122009)                261032.40
4028841.80       19.62960  (22122009)
        261000.70   4028855.01       16.04190  (22122009)                260969.00
4028868.22       13.76658  (18123109)
        260937.30   4028881.43       16.27634  (18123109)                260905.60
4028894.64       18.45820  (18123109)
        260873.90   4028907.85       20.12120  (18123109)                260842.20
4028921.06       21.10385  (18123109)
        260810.50   4028934.27       21.39026  (18123109)                260778.80
4028947.48       20.93248  (18123109)
        260747.10   4028960.69       19.79854  (18123109)                260715.40
4028973.90       18.07288  (18123109)
        260683.70   4028987.11       15.89168  (18123109)                260652.00
4029000.32       13.43007  (18123109)
        260620.30   4029013.53       10.87059  (18123109)                260588.60
4029026.74        9.19597  (22011009)
        260556.90   4029039.95        9.77693  (22011009)                260525.20
4029053.16       10.07325  (22011009)
        260493.50   4029066.37       10.06484  (22011009)                260461.80
4029079.58       10.49457  (20010609)
        260430.10   4029092.79       12.40884  (20010609)                260398.40
4029106.00       14.09231  (20010609)
        260366.70   4029119.21       15.47160  (20010609)                260335.00
4029132.42       16.49691  (20010609)
        260303.30   4029145.63       17.08914  (20010609)                260271.60
4029158.84       17.28803  (20010609)
        260239.90   4029172.05       17.08890  (20010609)                261666.92
4027772.26       11.10781  (22011309)
        260195.10   4027643.19       96.21098  (22122009)                260194.68
4027618.34       99.99909  (22122009)
        260194.26   4027593.49      104.65964  (20010809)                260193.84
4027568.64      107.50443  (20010809)
        260193.42   4027543.79      108.49928  (20010809)                260193.01
4027518.94      107.53773  (20010809)
        260192.59   4027494.09      114.26286  (20121609)                260192.17
4027469.24      122.22054  (20121609)
        260191.75   4027444.39      123.21362  (20121609)                260191.33
4027419.55      121.72886  (20121609)
        260190.91   4027394.70      116.58768  (20121609)                260190.50
4027369.85      108.86769  (20121609)
        260190.08   4027345.00       99.97174  (20121609)                260189.66
4027320.15       90.76852  (20121609)
        260189.24   4027295.30       79.07454  (20121609)                260188.82
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4027270.45       68.20776  (22121609)
        260188.40   4027245.60       70.39540  (22121609)                260187.99
4027220.75       71.91830  (22121609)
        260187.57   4027195.90       73.23948  (22121609)                260187.15
4027171.05       74.84024  (22121609)
        260186.73   4027146.20       77.77028  (22121609)                260186.31
4027121.35       80.66816  (22121609)
        260185.89   4027096.50       79.77994  (22121609)                260185.48
4027071.65       75.32914  (22121609)
        260185.06   4027046.81       67.21378  (22121609)                260184.64
4027021.96       56.05417  (22121609)
        260184.22   4026997.11       46.19273  (22121609)                260183.80
4026972.26       42.92337  (21122009)
        260183.38   4026947.41       43.56428  (21122009)                260182.96
4026922.56       44.28982  (21122009)
        260220.09   4027642.77       95.71993  (22122009)                260219.68
4027617.92      100.05426  (20010809)
        260219.26   4027593.07      103.54165  (20010809)                260218.84
4027568.22      102.79345  (20010809)
        260218.42   4027543.37       98.35065  (20010809)                260218.00
4027518.52      101.53235  (20121609)
        260217.58   4027493.67      111.28623  (20121609)                260217.17
4027468.82      117.18795  (20121609)
        260216.75   4027443.97      117.16410  (20121609)                260216.33
4027419.12      114.38451  (20121609)
        260215.91   4027394.28      107.13134  (20121609)                260215.49
4027369.43       98.35661  (20121609)
        260215.07   4027344.58       90.16565  (20121609)                260214.66
4027319.73       81.03619  (20121609)
↟ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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                                 PAGE 448
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE1   ***
                                 INCLUDING SOURCE(S):     PHASE1      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4027592.23   91.88093 (20010809)
        260268.83   4027567.38   88.73903 (20121609)   260268.41
4027542.53   95.50337 (20121609)
        260268.00   4027517.68   101.45496 (20121609)   260267.58
4027492.83   105.41471 (20121609)
        260267.16   4027467.98   105.81994 (20121609)   260266.74
4027443.13   99.98556 (20121609)
        260266.32   4027418.28   92.18764 (20121609)   260265.90
4027393.43   85.30000 (20121609)
        260265.49   4027368.58   76.96473 (20121609)   260265.07
4027343.73   66.11151 (20121609)
        260264.65   4027318.89   54.22091 (20121609)   260264.23
4027294.04   54.43789 (22121609)
        260263.81   4027269.19   60.78457 (22121609)   260263.39
4027244.34   65.72248 (22121609)
        260262.97   4027219.49   69.25370 (22121609)   260262.56
4027194.64   71.23725 (22121609)
        260262.14   4027169.79   73.35134 (22121609)   260261.72
4027144.94   73.60880 (22121609)
        260261.30   4027120.09   73.37895 (22121609)   260260.88
4027095.24   71.49457 (22121609)
        260260.46   4027070.39   67.02721 (22121609)   260320.08
4027641.09   83.70164 (20010809)
        260319.66   4027616.24   80.41188 (20010809)   260319.24
4027591.39   88.05219 (20121609)
        260318.83   4027566.54   93.61126 (20121609)   260318.41
4027541.69   96.13504 (20121609)
        260317.99   4027516.84   96.44502 (20121609)   260317.57
4027491.99   95.26776 (20121609)
        260317.15   4027467.14   92.47389 (20121609)   260316.73
4027442.29   85.85559 (20121609)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE1   ***
                                 INCLUDING SOURCE(S):   PHASE1   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)

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Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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4027614.55       84.90530  (20121609)
        260419.23   4027589.70       85.77458  (20121609)                260418.81
4027564.85       84.64033  (20121609)
        260418.39   4027540.00       81.76304  (20121609)                260417.97
4027515.16       77.19813  (20121609)
        260417.56   4027490.31       70.89918  (20121609)                260417.14
4027465.46       63.13165  (20121609)
        260416.72   4027440.61       54.77752  (20121609)                260416.30
4027415.76       45.20536  (20121609)
        260415.88   4027390.91       34.94375  (20121609)                260415.46
4027366.06       25.22086  (20121609)
        260415.05   4027341.21       27.13143  (22121609)                260414.63
4027316.36       37.12003  (22121609)
        260414.21   4027291.51       44.15435  (22121609)                260413.79
4027266.66       48.13326  (22121609)
        260413.37   4027241.81       51.20388  (22121609)                260412.95
4027216.96       53.53946  (22121609)
        260412.54   4027192.11       55.74519  (22121609)                260412.12
4027167.26       58.51675  (22121609)
        260411.70   4027142.41       60.27970  (22121609)                260411.28
4027117.57       59.75307  (22121609)
        260410.86   4027092.72       57.39500  (22121609)                260410.44
4027067.87       53.05400  (22121609)
        260410.02   4027043.02       47.15429  (22121609)                260409.61
4027018.17       40.91953  (22121609)
        260409.19   4026993.32       35.59522  (22121609)                260408.77
4026968.47       30.50361  (22121609)
        260408.35   4026943.62       27.39854  (18011209)                260407.93
4026918.77       26.25296  (18011209)
        260407.51   4026893.92       24.64510  (18011209)                260470.48
4027663.41       77.45930  (20121609)
        260470.06   4027638.56       79.53051  (20121609)                260469.64
4027613.71       80.54324  (20121609)
↟ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 450
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE1   ***
                                 INCLUDING SOURCE(S):     PHASE1      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
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      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
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4027090.19       49.68278  (22121609)
        260560.42   4027065.34       46.10487  (22121609)                260560.00
4027040.49       41.90395  (22121609)
        260559.59   4027015.64       37.19692  (22121609)                260559.17
4026990.79       32.12319  (22121609)
        260558.75   4026965.94       26.98007  (22121609)                260558.33
4026941.09       24.13935  (18011209)
        260557.91   4026916.25       24.31972  (18011209)                260557.49
4026891.40       23.87998  (18011209)
        260670.45   4027660.04       55.48625  (20121609)                260670.03
4027635.19       50.24279  (20121609)
        260669.61   4027610.34       43.88550  (20121609)                260669.19
4027585.49       36.94879  (20121609)
        260668.78   4027560.65       30.46765  (20121609)                260668.36
4027535.80       23.99594  (20121609)
        260667.94   4027510.95       17.98004  (20121609)                260667.52
4027486.10       12.84804  (20121609)
        260667.10   4027461.25       15.51186  (18121109)                260666.68
4027436.40       17.79968  (18121109)
        260666.27   4027411.55       19.44104  (18121109)                260665.85
4027386.70       20.61160  (18121109)
        260665.43   4027361.85       21.61329  (18121109)                260665.01
4027337.00       24.31683  (22121609)
        260664.59   4027312.15       30.91604  (22121609)                260664.17
4027287.30       36.59491  (22121609)
        260663.75   4027262.45       41.01248  (22121609)                260663.34
4027237.60       44.22837  (22121609)
        260662.92   4027212.75       46.56868  (22121609)                260662.50
4027187.90       48.07292  (22121609)
        260662.08   4027163.06       48.78635  (22121609)                260661.66
4027138.21       48.71219  (22121609)
        260661.24   4027113.36       47.75061  (22121609)                260660.83
4027088.51       45.67145  (22121609)
        260660.41   4027063.66       42.61514  (22121609)                260769.98
4027675.57       39.22761  (20121609)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 451
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE1   ***
                                 INCLUDING SOURCE(S):     PHASE1      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
260770.02	4027633.51	29.41601	(20121609)	260769.60	4027608.66	23.72081	(20121609)
260769.18	4027583.81	18.43033	(20121609)	260768.76	4027558.96	13.88696	(20121609)
260768.34	4027534.11	11.69538	(22011309)	260767.92	4027509.26	12.26579	(22011309)
260767.51	4027484.41	14.92723	(18121109)	260767.09	4027459.56	17.23894	(18121109)
260766.67	4027434.72	19.06001	(18121109)	260766.25	4027409.87	20.49355	(18121109)
260765.83	4027385.02	21.47433	(18121109)	260765.41	4027360.17	22.14492	(18121109)
260765.00	4027335.32	22.80142	(22121609)	260764.58	4027310.47	28.36202	(22121609)
260764.16	4027285.62	33.51651	(22121609)	260763.74	4027260.77	37.72975	(22121609)
260763.32	4027235.92	40.78369	(22121609)	260762.90	4027211.07	43.01392	(22121609)
260762.49	4027186.22	44.37651	(22121609)	260762.07	4027161.37	44.96516	(22121609)
260761.65	4027136.52	44.77645	(22121609)	260761.23	4027111.67	43.77062	(22121609)
260760.81	4027086.82	41.71209	(22121609)	260760.39	4027061.97	38.69763	(22121609)
260759.98	4027037.13	35.30844	(22121609)	260759.56	4027012.28	31.55224	(22121609)
260759.14	4026987.43	27.41704	(22121609)	260758.72	4026962.58	23.00792	(22121609)
260758.30	4026937.73	18.82721	(22121609)	260757.88	4026912.88	18.52059	(18011209)
260757.46	4026888.03	19.45620	(18011209)	260869.89	4027676.75	23.19500	(20121609)
260870.00	4027631.83	14.85187	(20121609)	260869.58	4027606.98	11.03206	(20121609)
260869.17	4027582.13	11.01724	(22011309)	260868.75	4027557.28	11.71945	(22011309)
260868.33	4027532.43	12.20318	(22011309)	260867.91	4027507.58	14.28103	(18121109)
260867.49	4027482.73	16.62699	(18121109)	260867.07	4027457.88	18.48461	(18121109)
260866.66	4027433.03	19.91128	(18121109)	260866.24	4027408.18	21.02290	(18121109)
260865.82	4027383.33	22.10054	(18121109)	260865.40			

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4027358.48       22.75088  (18121109)
        260864.98   4027333.63       22.67493  (18121109)                260864.56
4027308.78       26.85833  (22121609)
        260864.14   4027283.94       31.33156  (22121609)                260863.73
4027259.09       35.02427  (22121609)
        260863.31   4027234.24       37.86200  (22121609)                260862.89
4027209.39       39.91259  (22121609)
        260862.47   4027184.54       41.14269  (22121609)                260862.05
4027159.69       41.66193  (22121609)
        260861.63   4027134.84       41.44549  (22121609)                260861.22
4027109.99       40.44230  (22121609)
        260860.80   4027085.14       38.55914  (22121609)                260860.38
4027060.29       36.00899  (22121609)
        261069.89   4027672.67        9.97834  (22011309)                261069.97
4027628.46       11.54242  (22011309)
        261069.56   4027603.61       12.05082  (22011309)                261069.14
4027578.76       12.29011  (22011309)
        261068.72   4027553.91       13.67223  (18121109)                261068.30
4027529.06       15.95854  (18121109)
        261067.88   4027504.21       18.15783  (18121109)                261067.46
4027479.36       19.63163  (18121109)
        261067.05   4027454.51       20.63510  (18121109)                261066.63
4027429.66       21.30154  (18121109)
        261066.21   4027404.82       21.66807  (18121109)                261065.79
4027379.97       21.69997  (18121109)
        261065.37   4027355.12       21.57668  (18121109)                261064.95
4027330.27       20.42768  (18121109)
        261064.54   4027305.42       23.45579  (22121609)                261064.12
4027280.57       26.35291  (22121609)
        261063.70   4027255.72       28.99403  (22121609)                261063.28
4027230.87       31.90537  (22121609)
        261062.86   4027206.02       34.28848  (22121609)                261062.44
4027181.17       35.61892  (22121609)
        261062.02   4027156.32       36.08180  (22121609)                261061.61
4027131.47       35.61014  (22121609)
        261061.19   4027106.62       34.07540  (22121609)                261060.77
4027081.77       32.92617  (22121609)
↟ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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                                 PAGE 452
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE1   ***
                                 INCLUDING SOURCE(S):     PHASE1      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
261060.35	4027056.92	31.09446	(22121609)	261269.74	4027673.60	11.44156	(22011309)
261269.12	4027697.26	10.95315	(22011309)	261268.50	4027720.92	10.25597	(22011309)
261270.36	4027649.94	11.65071	(22011309)	261269.95	4027625.09	11.60694	(22011309)
261269.53	4027600.24	12.34102	(18121109)	261269.11	4027575.39	14.78849	(18121109)
261268.69	4027550.54	17.17616	(18121109)	261268.27	4027525.70	18.44946	(18121109)
261267.85	4027500.85	19.37895	(18121109)	261267.44	4027476.00	20.34598	(18121109)
261267.02	4027451.15	21.29615	(18121109)	261266.60	4027426.30	21.41084	(18121109)
261266.18	4027401.45	20.45504	(18121109)	261265.76	4027376.60	19.37465	(18121109)
261265.34	4027351.75	18.01657	(18121109)	261264.93	4027326.90	18.30033	(22121609)
261264.51	4027302.05	21.67300	(22121609)	261264.09	4027277.20	24.62293	(22121609)
261263.67	4027252.35	26.89617	(22121609)	261263.25	4027227.50	28.36048	(22121609)
261262.83	4027202.65	29.54026	(22121609)	261262.41	4027177.80	30.92175	(22121609)
261262.00	4027152.95	31.49052	(22121609)	261261.58	4027128.11	31.32507	(22121609)
261261.16	4027103.26	30.54303	(22121609)	261260.74	4027078.41	29.18696	(22121609)
261260.32	4027053.56	27.33057	(22121609)	261469.75	4027668.94	11.32002	(22011309)
261468.58	4027713.68	11.36853	(22011309)	261470.34	4027646.58	11.98101	(18121109)
261469.92	4027621.73	13.94883	(18121109)	261469.50	4027596.88	16.12289	(18121109)
261469.08	4027572.03	17.37116	(18121109)	261468.66	4027547.18	18.47632	(18121109)
261468.24	4027522.33	19.45586	(18121109)	261467.83	4027497.48	20.21315	(18121109)
261467.41	4027472.63	20.70113	(18121109)	261466.99	4027447.78	20.38884	(18121109)
261466.57	4027422.93	19.55033	(18121109)	261466.15			

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4027398.08       18.43356  (18121109)
        261465.73   4027373.23       17.06088  (18121109)                261465.32
4027348.38       15.30841  (18121109)
        261464.90   4027323.53       17.16916  (22121609)                261464.48
4027298.68       19.89162  (22121609)
        261464.06   4027273.83       22.35886  (22121609)                261463.64
4027248.99       24.45526  (22121609)
        261463.22   4027224.14       26.14380  (22121609)                261462.80
4027199.29       27.45031  (22121609)
        261462.39   4027174.44       28.14589  (22121609)                261461.97
4027149.59       28.16085  (22121609)
        261461.55   4027124.74       27.70738  (22121609)                261461.13
4027099.89       26.98672  (22121609)
        261460.71   4027075.04       25.97210  (22121609)                261460.29
4027050.19       24.49400  (22121609)
        261459.88   4027025.34       22.44450  (22121609)                261459.46
4027000.49       20.25313  (22121609)
        261459.04   4026975.64       17.96438  (22121609)                261458.62
4026950.79       15.59659  (22121609)
        261458.20   4026925.94       13.22119  (22121609)                261457.78
4026901.09       10.99521  (21111709)
        261457.37   4026876.25       11.05018  (22122809)                261669.74
4027664.72       13.34182  (18121109)
        261668.62   4027707.73       10.23848  (22011309)                261669.89
4027618.36       16.96244  (18121109)
        261669.47   4027593.51       18.18882  (18121109)                261669.05
4027568.66       19.28291  (18121109)
        261668.63   4027543.81       19.99877  (18121109)                261668.22
4027518.96       20.22737  (18121109)
        261667.80   4027494.11       19.99423  (18121109)                261667.38
4027469.26       19.44237  (18121109)
        261666.96   4027444.41       18.64560  (18121109)                261666.54
4027419.56       17.33422  (18121109)
        261666.12   4027394.71       15.68550  (18121109)                261665.71
4027369.87       13.81666  (18121109)
        261665.29   4027345.02       13.73678  (22121609)                261664.87
4027320.17       16.08294  (22121609)
        261664.45   4027295.32       18.41725  (22121609)                261664.03
4027270.47       20.54308  (22121609)
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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                                PAGE 453
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE1   ***
                                INCLUDING SOURCE(S):     PHASE1      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
261663.61	4027245.62	22.37553	(22121609)	261663.19	4027220.77	23.82971	(22121609)
261662.78	4027195.92	24.83601	(22121609)	261662.36	4027171.07	25.44364	(22121609)
261661.94	4027146.22	25.60475	(22121609)	261661.52	4027121.37	25.35443	(22121609)
261661.10	4027096.52	24.68176	(22121609)	261660.68	4027071.67	23.59064	(22121609)
261660.27	4027046.82	22.13227	(22121609)	261659.85	4027021.97	20.40106	(22121609)
261659.43	4026997.12	18.46689	(22121609)	261659.01	4026972.28	16.40735	(22121609)
261658.59	4026947.43	14.28378	(22121609)	261658.17	4026922.58	12.54762	(21111709)
261657.76	4026897.73	11.02245	(21111709)	261657.34	4026872.88	9.62143	(21111709)
260288.10	4026826.13	36.91949	(21122009)	260294.23	4026848.07	36.02542	(21122009)
260300.37	4026870.01	34.51944	(21122009)	260348.08	4026861.01	30.39302	(21122009)
260374.46	4026775.74	33.30621	(21122009)	260380.66	4026797.90	32.21108	(21122009)
260386.85	4026820.06	30.46567	(21122009)	260393.05	4026842.22	28.06069	(21122009)
260399.25	4026864.38	25.23618	(21122009)	260420.80	4026761.83	30.30572	(21122009)
260504.00	4026700.14	27.13410	(21122009)	260510.29	4026722.64	26.10736	(21122009)
260516.59	4026745.14	24.24059	(21122009)	260522.88	4026767.64	21.85475	(21122009)
260529.17	4026790.14	19.30982	(21122009)	260535.47	4026812.64	19.31940	(22120209)
260541.76	4026835.14	20.99416	(18011209)	260548.05	4026857.65	22.44267	(18011209)
260590.35	4026649.71	24.53469	(21122009)	260596.64	4026672.21	23.09074	(21122009)
260602.94	4026694.71	21.26561	(21122009)	260609.23	4026717.21	18.99275	(21122009)
260615.52	4026739.71	18.30079	(22120209)	260626.01			

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4026777.21       18.84637  (22120209)
        260648.04   4026855.96       21.45985  (18011209)                260676.70
4026599.27       22.00824  (21122009)
        260682.99   4026621.77       20.39126  (21122009)                260689.29
4026644.27       18.44502  (21122009)
        260695.58   4026666.77       17.14102  (22120209)                260701.87
4026689.27       17.83405  (22120209)
        260708.17   4026711.78       18.29446  (22120209)                260714.46
4026734.28       18.57667  (22120209)
        260720.75   4026756.78       18.68176  (22120209)                260727.05
4026779.28       18.62282  (22120209)
        260733.34   4026801.78       19.22480  (18011209)                260739.63
4026824.28       19.78787  (18011209)
        260745.93   4026846.78       20.02192  (18011209)                260763.05
4026548.84       19.51627  (21122009)
        260769.34   4026571.34       18.04184  (21122009)                260775.64
4026593.84       16.22231  (21122009)
        260781.93   4026616.34       16.64512  (22120209)                260788.22
4026638.84       17.29609  (22120209)
        260794.52   4026661.34       17.76595  (22120209)                260800.81
4026683.84       18.00676  (22120209)
        260807.10   4026706.34       18.13507  (22120209)                260813.40
4026728.84       18.06272  (22120209)
        260825.98   4026773.84       17.97284  (18011209)                260846.96
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        260935.75   4026447.97       15.62204  (21122009)                260942.04
4026470.47       14.15861  (21122009)
        260948.34   4026492.97       14.64228  (22120209)                260954.63
4026515.47       15.45609  (22120209)
        260960.92   4026537.97       16.23191  (22120209)                260967.22
4026560.47       16.85779  (22120209)
        260973.51   4026582.97       17.22166  (22120209)                260979.80
4026605.47       17.34866  (22120209)
        260986.10   4026627.97       17.43332  (22120209)                260992.39
4026650.47       17.34608  (22120209)
        260998.68   4026672.97       17.19329  (22120209)                261004.98
4026695.47       16.82992  (22120209)
        261011.27   4026717.98       16.23967  (22120209)                261019.66
4026747.98       16.53885  (18011209)
        261108.46   4026347.13       12.71988  (21122009)                261114.80
4026369.78       12.76013  (22120209)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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                                  PAGE 454
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
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VALUES FOR SOURCE GROUP: PHASE1   ***
                                INCLUDING SOURCE(S):   PHASE1   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        261121.13   4026392.44   13.60996 (22120209)   261127.47
4026415.10   14.40995 (22120209)
        261133.81   4026437.76   15.11657 (22120209)   261140.15
4026460.42   15.75749 (22120209)
        261146.48   4026483.08   16.29559 (22120209)   261152.82
4026505.74   16.71498 (22120209)
        261159.16   4026528.40   16.96783 (22120209)   261165.50
4026551.06   17.05503 (22120209)
        261171.84   4026573.72   16.92036 (22120209)   261178.17
4026596.37   16.37035 (22120209)
        261184.51   4026619.03   15.79489 (22120209)   261190.85
4026641.69   15.10146 (22120209)
        261197.19   4026664.35   14.35094 (18011209)   261203.52
4026687.01   14.48572 (18011209)
        261209.86   4026709.67   14.40027 (18011209)   261219.37
4026743.66   13.71566 (18011209)
        261281.16   4026246.25   10.43145 (22120209)   261287.49
4026268.89   11.24653 (22120209)
        261293.82   4026291.52   12.02175 (22120209)   261300.15
4026314.16   12.72671 (22120209)
        261306.48   4026336.79   13.45959 (22120209)   261312.81
4026359.42   14.24836 (22120209)
        261319.14   4026382.06   14.94085 (22120209)   261325.47
4026404.69   15.49381 (22120209)
        261331.80   4026427.33   15.85923 (22120209)   261338.13
4026449.96   16.10332 (22120209)
        261344.47   4026472.60   16.06789 (22120209)   261350.80
4026495.23   15.99851 (22120209)
        261357.13   4026517.87   15.86853 (22120209)   261363.46
4026540.50   15.63817 (22120209)
        261369.79   4026563.14   15.12803 (22120209)   261376.12
4026585.77   14.60175 (22120209)
        261382.45   4026608.40   13.80319 (22120209)   261388.78
4026631.04   13.27808 (18011209)
        261395.11   4026653.67   12.99421 (18011209)   261401.44
4026676.31   12.43733 (18011209)
        261407.77   4026698.94   11.65764 (18011209)   261414.10

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        261420.44   4026744.21       11.27672  (22122809)                261426.77
4026766.85       11.66084  (22122809)
        261433.10   4026789.48       11.89837  (22122809)                261439.43
4026812.11       11.95892  (22122809)
        261445.76   4026834.75       11.82672  (22122809)                261453.86
4026145.38        9.44001  (22120209)
        261460.18   4026168.00       10.37996  (22120209)                261466.51
4026190.61       11.25185  (22120209)
        261472.83   4026213.23       12.04599  (22120209)                261479.16
4026235.85       12.88716  (22120209)
        261485.49   4026258.46       13.67451  (22120209)                261491.81
4026281.08       14.34768  (22120209)
        261498.14   4026303.70       14.86749  (22120209)                261504.46
4026326.31       15.20418  (22120209)
        261510.79   4026348.93       15.49213  (22120209)                261517.11
4026371.55       15.61515  (22120209)
        261523.44   4026394.16       15.61684  (22120209)                261529.77
4026416.78       15.39136  (22120209)
        261536.09   4026439.39       14.99669  (22120209)                261542.42
4026462.01       14.55261  (22120209)
        261548.74   4026484.63       14.12556  (22120209)                261555.07
4026507.24       13.71274  (22120209)
        261561.40   4026529.86       13.06220  (22120209)                261567.72
4026552.48       12.21396  (22120209)
        261574.05   4026575.09       11.89477  (18011209)                261580.37
4026597.71       11.58001  (18011209)
        261586.70   4026620.33       11.05628  (18011209)                261593.02
4026642.94       10.31753  (18011209)
        261599.35   4026665.56        9.59297  (22122809)                261605.68
4026688.18       10.07556  (22122809)
        261612.00   4026710.79       10.44137  (22122809)                261618.33
4026733.41       10.71437  (22122809)
        261624.65   4026756.03       10.85857  (22122809)                261630.98
4026778.64       10.84699  (22122809)
        261637.31   4026801.26       10.65101  (22122809)                261643.63
4026823.88       10.27270  (22122809)
        261649.96   4026846.49        9.72454  (22122809)                260178.22
4026852.86       53.94150  (19121116)
        260186.13   4026829.14       53.17678  (19121116)                260206.65
4026845.81       46.97674  (19121116)
        260187.19   4026799.87       54.48210  (19121116)                260223.53
4026769.10       50.60436  (19121116)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 455
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE1 ***
INCLUDING SOURCE(S): PHASE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
260244.05	4026785.76	44.50889	(19121116)	260264.57	4026802.43	39.76569	(22010709)
260226.11	4026710.93	54.09989	(19121116)	260248.00	4026728.70	48.89942	(19121116)
260299.44	4026710.19	40.12789	(19121116)	260321.04	4026727.73	37.34970	(22010709)
260342.64	4026745.27	34.22517	(22010709)	260257.58	4026615.93	53.05039	(19121116)
260278.99	4026633.32	50.08939	(19121116)	260300.41	4026650.70	45.34618	(19121116)
260321.82	4026668.09	39.56649	(19121116)	260343.24	4026685.48	36.68920	(22010709)
260333.14	4026556.74	44.28443	(19121116)	260355.03	4026574.51	39.97916	(19121116)
260376.92	4026592.29	34.96049	(19121116)	260398.81	4026610.06	33.56858	(22010709)
260420.70	4026627.83	31.75262	(22010709)	260442.59	4026645.61	28.72371	(22010709)
260464.49	4026663.38	28.52979	(21122009)	260486.38	4026681.15	28.06620	(21122009)
260320.88	4026426.24	44.30901	(19121116)	260342.49	4026443.78	44.36947	(19121116)
260364.09	4026461.32	44.19227	(19121116)	260385.69	4026478.86	42.22708	(19121116)
260407.30	4026496.40	38.61517	(19121116)	260428.90	4026513.94	34.02526	(19121116)
260450.50	4026531.48	32.50440	(22010709)	260472.11	4026549.02	31.14531	(22010709)
260572.92	4026630.87	25.78700	(21122009)	260352.60	4026331.45	41.85383	(19121116)
260374.49	4026349.23	41.31523	(19121116)	260396.39	4026367.00	40.81100	(19121116)
260483.95	4026438.10	31.70999	(19121116)	260505.84	4026455.87	30.41971	(22010709)
260527.73	4026473.64	29.66921	(22010709)	260549.62			

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4026491.42       28.02240  (22010709)
        260571.51   4026509.19       25.63780  (22010709)                260593.40
4026526.96       24.17883  (21122009)
        260615.30   4026544.74       24.80215  (21122009)                260637.19
4026562.51       24.76183  (21122009)
        260659.08   4026580.28       23.73091  (21122009)                260384.16
4026236.53       37.95084  (19121116)
        260405.84   4026254.14       38.02195  (19121116)                260427.53
4026271.74       38.60985  (19121116)
        260449.21   4026289.35       38.88620  (19121116)                260470.90
4026306.95       38.53190  (19121116)
        260492.58   4026324.56       36.71165  (19121116)                260514.26
4026342.17       33.68964  (19121116)
        260535.95   4026359.77       30.43657  (19121116)                260557.63
4026377.38       28.63791  (22010709)
        260579.32   4026394.98       28.23466  (22010709)                260601.00
4026412.59       26.75442  (22010709)
        260622.69   4026430.19       24.72487  (22010709)                260644.37
4026447.80       22.15518  (22010709)
        260709.42   4026500.62       22.84730  (21122009)                260731.11
4026518.22       22.00196  (21122009)
        260447.42   4026046.81       34.25348  (19121116)                260469.15
4026064.45       34.69034  (19121116)
        260505.36   4026093.85       35.39304  (19121116)                260548.82
4026129.14       35.31487  (19121116)
        260570.55   4026146.78       34.45465  (19121116)                260592.28
4026164.42       33.33137  (19121116)
        260614.01   4026182.07       31.49389  (19121116)                260635.74
4026199.71       28.82285  (19121116)
        260657.47   4026217.35       25.40683  (19121116)                260679.20
4026235.00       25.32013  (22010709)
        260700.93   4026252.64       25.35666  (22010709)                260722.66
4026270.28       24.58384  (22010709)
        260744.39   4026287.92       23.16154  (22010709)                260766.12
4026305.57       21.09032  (22010709)
        260860.29   4026382.02       20.12680  (21122009)                260882.02
4026399.66       19.52787  (21122009)
        260903.75   4026417.30       18.33428  (21122009)                260510.67
4025857.08       28.89992  (19121116)
        260532.43   4025874.74       30.30692  (19121116)                260554.19
4025892.41       31.19051  (19121116)
        260575.95   4025910.08       31.62560  (19121116)                260699.25
4026010.19       29.79762  (19121116)
        260721.01   4026027.85       28.23179  (19121116)                260742.77
4026045.52       26.12477  (19121116)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE1 ***
INCLUDING SOURCE(S): PHASE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
260764.53	4026063.19	23.40881	(19121116)	260786.29	4026080.85	22.63903	(22010709)
260808.05	4026098.52	22.52675	(22010709)	260829.81	4026116.18	22.30953	(22010709)
260851.57	4026133.85	22.01366	(22010709)	260873.32	4026151.52	20.81969	(22010709)
260895.08	4026169.18	19.08985	(22010709)	260916.84	4026186.85	17.18991	(22122309)
261011.13	4026263.40	17.93933	(21122009)	261032.89	4026281.07	17.41134	(21122009)
261054.65	4026298.74	16.55343	(21122009)	261076.41	4026316.40	15.33655	(21122009)
260573.93	4025667.35	22.65616	(19121116)	260595.71	4025685.03	24.54996	(19121116)
260617.48	4025702.71	26.07751	(19121116)	260639.26	4025720.39	27.15304	(19121116)
260661.04	4025738.08	27.81351	(19121116)	260769.94	4025826.49	29.02506	(19121116)
260849.80	4025891.33	23.81265	(19121116)	260871.58	4025909.01	21.40842	(19121116)
260893.36	4025926.69	20.39475	(22010709)	260915.13	4025944.38	20.74661	(22010709)
260936.91	4025962.06	20.77357	(22010709)	260958.69	4025979.74	20.42049	(22010709)
260980.47	4025997.43	19.67432	(22010709)	261002.25	4026015.11	18.56646	(22010709)
261024.03	4026032.79	17.25530	(22010709)	261045.81	4026050.47	15.70003	(22122309)
261067.59	4026068.16	15.03329	(21122009)	261089.37	4026085.84	15.56156	(21122009)
261111.15	4026103.52	15.97772	(21122009)	261132.93	4026121.20	16.22063	(21122009)
261154.71	4026138.89	16.25180	(21122009)	261176.49			

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4026156.57       15.91621  (21122009)
        261198.26   4026174.25       15.29654  (21122009)                261220.04
4026191.94       14.37023  (21122009)
        261241.82   4026209.62       13.14869  (21122009)                261263.60
4026227.30       11.65354  (21122009)
        260637.18   4025477.61       16.23924  (19121116)                260658.97
4025495.31       18.02466  (19121116)
        260680.76   4025513.00       19.85124  (19121116)                260702.56
4025530.70       21.72872  (19121116)
        260724.35   4025548.39       23.48970  (19121116)                260746.15
4025566.09       24.79064  (19121116)
        260767.94   4025583.78       25.83484  (19121116)                260789.73
4025601.48       26.53446  (19121116)
        260811.53   4025619.17       26.92854  (19121116)                260833.32
4025636.87       27.04279  (19121116)
        260855.12   4025654.56       26.84039  (19121116)                260876.91
4025672.26       26.42817  (19121116)
        260898.71   4025689.95       25.78067  (19121116)                260920.50
4025707.65       24.65063  (19121116)
        260942.29   4025725.34       22.99109  (19121116)                260964.09
4025743.04       21.07059  (19121116)
        260985.88   4025760.73       18.90343  (19121116)                261007.68
4025778.43       18.24616  (22010709)
        261029.47   4025796.12       18.56468  (22010709)                261051.26
4025813.82       19.02859  (22010709)
        261073.06   4025831.51       19.10049  (22010709)                261094.85
4025849.21       18.77962  (22010709)
        261116.65   4025866.90       18.07613  (22010709)                261138.44
4025884.59       17.03598  (22010709)
        261160.23   4025902.29       15.66414  (22010709)                261182.03
4025919.98       14.38866  (22122309)
        261203.82   4025937.68       13.66764  (21122009)                261225.62
4025955.37       14.16834  (21122009)
        261247.41   4025973.07       14.59877  (21122009)                261269.20
4025990.76       14.92334  (21122009)
        261291.00   4026008.46       15.06346  (21122009)                261312.79
4026026.15       14.95932  (21122009)
        261334.59   4026043.85       14.58423  (21122009)                261356.38
4026061.54       13.91597  (21122009)
        261378.18   4026079.24       12.96624  (21122009)                261399.97
4026096.93       11.78536  (21122009)
        261421.76   4026114.63       10.46940  (21122009)                259786.65
4026922.81       94.99857  (19121116)
        259785.22   4026946.18       94.20039  (19121116)                259786.24
4026967.32       93.99921  (19121116)
        259787.46   4026993.13       97.27088  (19121116)                259786.85
4027016.70      101.15230  (19121116)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE2A ***
INCLUDING SOURCE(S): PHASE2A ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
260122.88	4026867.29	24.16215	(19121116)	260099.69	4026867.81	22.65394	(19121116)
260076.51	4026868.33	21.45206	(19121116)	260053.32	4026868.85	20.63494	(19121116)
260030.13	4026869.37	20.24422	(19121116)	260006.94	4026869.89	20.87296	(21122009)
259983.76	4026870.42	21.48253	(21122009)	259960.57	4026870.94	23.10857	(22010709)
260145.51	4026841.77	23.79057	(19121116)	260122.32	4026842.29	22.34072	(19121116)
260099.13	4026842.82	21.12837	(19121116)	260075.94	4026843.34	20.16516	(19121116)
260052.76	4026843.86	19.83353	(19121116)	260029.57	4026844.38	20.16977	(21122009)
260006.38	4026844.90	20.57978	(21122009)	259983.19	4026845.42	22.51982	(22010709)
259960.01	4026845.94	24.80364	(22010709)	260157.65	4026818.69	22.81021	(19121116)
260121.76	4026817.30	20.75374	(19121116)	260098.57	4026817.82	19.93662	(19121116)
260075.38	4026818.34	19.33089	(19121116)	260052.19	4026818.86	19.41915	(21122009)
260029.01	4026819.39	20.01593	(22010709)	260005.82	4026819.91	21.95735	(22010709)
259982.63	4026820.43	24.07765	(22010709)	259959.44	4026820.95	26.09081	(22010709)
260161.32	4026794.34	21.32412	(19121116)	260121.20	4026792.31	19.54027	(19121116)
260098.01	4026792.83	19.03277	(19121116)	260074.82	4026793.35	18.83102	(19121116)
260051.63	4026793.87	19.56160	(22010709)	260028.45			

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4026794.39       21.43964  (22010709)
        260005.26   4026794.91       23.37940  (22010709)                259982.07
4026795.43       25.31618  (22010709)
        259958.88   4026795.96       27.02470  (22010709)                260160.19
4026744.35       18.85430  (19121116)
        260120.07   4026742.32       18.19658  (19121116)                260096.88
4026742.84       18.77362  (22010709)
        260073.70   4026743.36       20.43016  (22010709)                260050.51
4026743.88       22.11493  (22010709)
        260027.32   4026744.40       23.72195  (22010709)                260004.13
4026744.93       25.14293  (22010709)
        259980.95   4026745.45       26.22238  (22010709)                259957.76
4026745.97       29.21798  (19121116)
        260164.72   4026695.21       17.78025  (19121116)                260187.30
4026698.62       18.28320  (19121116)
        260142.14   4026691.81       18.06865  (22010709)                260118.95
4026692.33       19.48999  (22010709)
        260095.76   4026692.85       20.94549  (22010709)                260072.57
4026693.37       22.33678  (22010709)
        260049.39   4026693.90       23.48937  (22010709)                260026.20
4026694.42       24.31095  (22010709)
        260003.01   4026694.94       26.65348  (19121116)                259979.82
4026695.46       29.60008  (19121116)
        259956.64   4026695.98       32.67997  (19121116)                260162.18
4026645.01       18.64800  (22010709)
        260204.52   4026651.40       17.38802  (19121116)                260117.82
4026642.34       21.06199  (22010709)
        260094.64   4026642.87       22.01788  (22010709)                260071.45
4026643.39       22.67861  (22010709)
        260048.26   4026643.91       24.63369  (19121116)                260025.07
4026644.43       27.19741  (19121116)
        260001.89   4026644.95       29.89341  (19121116)                259978.70
4026645.47       32.51634  (19121116)
        259955.51   4026645.99       34.81136  (19121116)                260160.21
4026594.90       19.98653  (22010709)
        260200.85   4026601.03       18.00618  (22010709)                260116.70
4026592.36       21.21707  (22010709)
        260093.51   4026592.88       22.86304  (19121116)                260070.33
4026593.40       25.07332  (19121116)
        260047.14   4026593.92       27.45481  (19121116)                260023.95
4026594.44       29.80604  (19121116)
        260000.76   4026594.96       31.95561  (19121116)                259977.58
4026595.48       33.65623  (19121116)
        259954.39   4026596.01       34.70167  (19121116)                260160.22
4026495.27       21.48375  (19121116)
        260182.80   4026498.67       19.77517  (19121116)                260205.38
4026502.07       18.85430  (22010709)
        260227.96   4026505.48       18.46490  (22010709)                260250.54
4026508.88       17.81195  (22010709)
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A ***
                                 INCLUDING SOURCE(S):   PHASE2A   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        260137.64   4026491.86   23.42554 (19121116)   260114.45
4026492.38   25.32435 (19121116)
        260091.27   4026492.90   27.20144 (19121116)   260068.08
4026493.42   28.83914 (19121116)
        260044.89   4026493.95   29.98886 (19121116)   260021.70
4026494.47   30.68265 (19121116)
        259998.52   4026494.99   30.81188 (19121116)   259975.33
4026495.51   30.33024 (19121116)
        259952.14   4026496.03   29.27022 (19121116)   260156.56
4026395.08   24.92923 (19121116)
        260198.90   4026401.46   22.08583 (19121116)   260241.24
4026407.84   19.21515 (19121116)
        260283.58   4026414.23   17.16625 (22010709)   260112.21
4026392.41   26.94900 (19121116)
        260089.02   4026392.93   27.30228 (19121116)   260065.83
4026393.45   27.16438 (19121116)
        260042.64   4026393.97   26.77553 (19121116)   260019.46
4026394.49   25.80560 (19121116)
        259996.27   4026395.01   24.42564 (19121116)   259973.08
4026395.54   22.77268 (19121116)
        259949.89   4026396.06   20.69503 (19121116)   260155.73
4026295.32   24.87086 (19121116)
        260178.31   4026298.72   24.67895 (19121116)   260200.89
4026302.12   23.99463 (19121116)
        260223.47   4026305.53   22.91278 (19121116)   260246.05
4026308.93   21.81502 (19121116)
        260268.63   4026312.34   20.53983 (19121116)   260291.21
4026315.74   19.18846 (19121116)
        260313.79   4026319.15   17.92591 (19121116)   260133.15

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4026291.91       24.59866  (19121116)
        260109.96   4026292.43       24.03012  (19121116)                260086.77
4026292.95       23.07202  (19121116)
        260063.58   4026293.48       21.69161  (19121116)                260040.40
4026294.00       19.99552  (19121116)
        260017.21   4026294.52       18.07412  (19121116)                259994.02
4026295.04       16.00898  (19121116)
        259970.83   4026295.56       13.95634  (19121116)                259947.65
4026296.08       13.01578  (19120316)
        260152.45   4026195.19       20.81099  (19121116)                260195.56
4026201.69       22.53531  (19121116)
        260238.67   4026208.18       22.77369  (19121116)                260281.77
4026214.68       21.69865  (19121116)
        260324.88   4026221.18       19.71622  (19121116)                260107.71
4026192.46       18.03536  (19121116)
        260084.52   4026192.98       16.39337  (19121116)                260061.34
4026193.50       14.53739  (19121116)
        260038.15   4026194.02       12.55934  (19121116)                260014.96
4026194.54       10.72424  (19121116)
        259991.77   4026195.06       12.02180  (19120316)                259968.59
4026195.59       13.34250  (19120316)
        259945.40   4026196.11       14.49252  (19120316)                260148.18
4025995.27        9.30507  (20122409)
        260191.72   4026001.84       12.24997  (19121116)                260235.27
4026008.40       15.29347  (19121116)
        260278.82   4026014.97       17.60082  (19121116)                260322.37
4026021.53       19.20737  (19121116)
        260365.91   4026028.10       19.58535  (19121116)                260409.46
4026034.66       18.96420  (19121116)
        260103.22   4025992.51        9.50153  (20122409)                260080.03
4025993.03       10.42197  (19120316)
        260056.84   4025993.55       11.38827  (19120316)                260033.65
4025994.07       12.27047  (19120316)
        260010.47   4025994.59       12.98597  (19120316)                259987.28
4025995.11       13.43591  (19120316)
        259964.09   4025995.64       13.57026  (19120316)                259940.90
4025996.16       13.37397  (19120316)
        260143.82   4025795.34        9.96783  (19120316)                260187.66
4025801.95        8.50989  (19120316)
        260231.49   4025808.56        7.75658  (20122409)                260275.32
4025815.17        8.21100  (19121116)
        260319.15   4025821.78       10.90252  (19121116)                260362.98
4025828.38       13.43145  (19121116)
        260406.82   4025834.99       15.46549  (19121116)                260450.65
4025841.60       16.75820  (19121116)
        260098.72   4025792.56       11.19763  (19120316)                260075.53
4025793.08       11.59393  (19120316)
        260052.35   4025793.60       11.76165  (19120316)                260029.16
4025794.12       11.62659  (19120316)
        260005.97   4025794.64       11.21948  (19120316)                259982.78
```

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE2A ***
                                  INCLUDING SOURCE(S):   PHASE2A   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                ** CONC OF OTHER   IN MICROGRAMS/M**3 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

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4025442.09        6.02314  (19120316)
        260488.44   4025448.75        5.99114  (19120316)                260532.61
4025455.41        7.11663  (19121116)
        260576.79   4025462.07        9.03640  (19121116)                260089.73
4025392.66        6.98462  (20122409)
        260066.54   4025393.18        6.93571  (20122409)                260043.36
4025393.70        6.92059  (20122409)
        260020.17   4025394.22        6.96361  (20122409)                259996.98
4025394.75        7.07866  (20122409)
        259973.79   4025395.27        7.27507  (20122409)                259950.61
4025395.79        7.55077  (20122409)
        259927.42   4025396.31        7.90510  (20122409)                259936.53
4026919.72       23.37294  (21122009)
        259936.93   4026943.08       23.17056  (21122009)                259937.33
4026966.44       22.69071  (19121116)
        259937.73   4026989.80       23.23429  (19121116)                259938.13
4027013.16       24.09378  (19121116)
        259918.11   4026879.03       27.17267  (22010709)                259911.54
4026920.14       25.03400  (22010709)
        259911.93   4026943.51       24.44439  (21122009)                259912.33
4026966.87       24.09080  (21122009)
        259912.73   4026990.23       23.65842  (19121116)                259913.13
4027013.59       24.26853  (19121116)
        259893.11   4026879.46       29.90422  (22010709)                259924.52
4026836.29       28.44199  (22010709)
        259886.54   4026920.57       28.17964  (22010709)                259886.94
4026943.93       26.23137  (22010709)
        259887.34   4026967.29       25.55921  (21122009)                259887.73
4026990.66       25.03125  (21122009)
        259888.13   4027014.02       24.70989  (19121116)                259868.12
4026879.88       32.49935  (19121116)
        259882.06   4026844.38       33.39953  (19121116)                259906.50
4026818.96       31.20126  (19121116)
        259861.54   4026921.00       31.42071  (22010709)                259861.94
4026944.36       29.66389  (22010709)
        259862.34   4026967.72       27.53531  (22010709)                259862.74
4026991.08       26.72557  (21122009)
        259863.14   4027014.44       25.99678  (21122009)                259819.52
4026877.19       43.53216  (19121116)
        259827.89   4026855.88       43.58712  (19121116)                259836.25
4026834.58       43.53473  (19121116)
        259844.62   4026813.28       43.27149  (19121116)                259873.94
4026782.78       40.03327  (19121116)
        259894.90   4026773.58       37.14405  (19121116)                259915.85
4026764.37       34.33062  (19121116)
        259936.80   4026755.17       31.68145  (19121116)                259811.55
4026921.85       40.43640  (19121116)
        259811.95   4026945.21       37.18109  (19121116)                259812.35
4026968.57       35.24625  (22010709)
        259812.75   4026991.93       33.17141  (22010709)                259813.14
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4027015.30       30.64260  (22010709)
        259769.13   4026879.05       53.95536  (19121116)                259785.07
4026838.48       51.16280  (19121116)
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 460
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2A  ***
                                  INCLUDING SOURCE(S):     PHASE2A     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        259801.00   4026797.90       48.08992  (19121116)                259836.90
4026748.57       43.99107  (19121116)
        259876.81   4026731.04       40.98802  (19121116)                259916.72
4026713.51       37.06153  (19121116)
        259718.91   4026880.47       57.07981  (19121116)                259734.41
4026841.02       51.61563  (19121116)
        259749.90   4026801.57       46.71720  (19121116)                259765.40
4026762.13       42.42243  (19121116)
        259800.30   4026714.16       39.31010  (19121116)                259839.10
4026697.12       39.94664  (19121116)
        259877.90   4026680.08       39.51960  (19121116)                259916.71
4026663.03       37.67379  (19121116)
        259669.54   4026879.74       50.47973  (19121116)                259677.91
4026858.44       47.34842  (19121116)
        259686.28   4026837.14       44.56576  (19121116)                259694.64
4026815.84       42.05818  (19121116)
        259703.01   4026794.54       39.78133  (19121116)                259711.38
4026773.24       37.67028  (19121116)
        259719.75   4026751.94       35.64324  (19121116)                259728.11
4026730.63       33.73902  (19121116)
        259736.48   4026709.33       31.87772  (19121116)                259765.80
4026678.83       31.32209  (19121116)
        259786.76   4026669.63       32.50959  (19121116)                259807.71
4026660.42       33.58143  (19121116)
        259828.66   4026651.22       34.57410  (19121116)                259849.62
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4026642.02 35.35853 (19121116)
259870.57 4026632.82 35.85327 (19121116) 259891.53
4026623.61 35.99230 (19121116)
259912.48 4026614.41 35.86852 (19121116) 259933.43
4026605.21 35.43359 (19121116)
259569.16 4026882.46 40.64326 (19121116) 259585.09
4026841.89 34.77002 (20122409)
259601.03 4026801.31 30.30902 (19120316) 259616.97
4026760.74 28.53114 (19120316)
259632.91 4026720.17 27.34090 (19120316) 259648.85
4026679.59 25.88006 (19120316)
259664.78 4026639.02 24.39233 (19120316) 259692.71
4026609.97 24.22363 (19120316)
259732.62 4026592.44 24.12263 (19120316) 259772.53
4026574.91 22.36667 (19120316)
259812.45 4026557.38 22.20479 (19121116) 259852.36
4026539.85 24.82816 (19121116)
259892.27 4026522.32 27.03447 (19121116) 259485.81
4026841.80 45.33809 (20122409)
259502.22 4026800.04 40.37561 (20122409) 259518.63
4026758.27 36.97788 (20122409)
259535.03 4026716.50 34.51104 (20122409) 259543.24
4026695.62 33.26087 (20122409)
259559.64 4026653.85 30.87663 (20122409) 259576.05
4026612.08 28.57350 (20122409)
259592.46 4026570.32 26.59564 (20122409) 259621.20
4026540.41 23.57691 (20122409)
259662.29 4026522.37 19.04257 (20122409) 259703.37
4026504.32 20.19689 (19120316)
259744.46 4026486.28 21.13152 (19120316) 259785.55
4026468.23 20.83633 (19120316)
259826.63 4026450.19 19.14314 (19120316) 259867.72
4026432.14 16.46678 (19120316)
259888.26 4026423.12 16.86496 (19121116) 259377.95
4026863.56 41.74750 (20010209)
259386.32 4026842.26 34.39795 (20010209) 259394.69
4026820.95 28.83315 (20010209)
259403.05 4026799.65 24.84302 (20010209) 259411.42
4026778.35 22.08800 (20010209)
259419.79 4026757.05 20.29361 (20122409) 259428.16
4026735.75 21.42545 (20122409)
259436.52 4026714.45 22.32048 (20122409) 259444.89
4026693.15 23.08923 (20122409)
259453.26 4026671.84 23.71036 (20122409) 259461.63
4026650.54 24.14565 (20122409)
259469.99 4026629.24 24.46113 (20122409) 259478.36
4026607.94 24.61098 (20122409)
259486.73 4026586.64 24.66958 (20122409) 259495.10
4026565.34 24.63857 (20122409)
259503.46 4026544.04 24.54112 (20122409) 259511.83

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A ***
                                INCLUDING SOURCE(S):   PHASE2A   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

```
4026843.03       57.20453  (20010209)
        259295.19   4026821.42       53.95969  (20010209)                259303.67
4026799.81       48.90059  (20010209)
        259312.16   4026778.20       43.02615  (20010209)                259320.65
4026756.59       37.16881  (20010209)
        259329.14   4026734.98       31.86921  (20010209)                259337.63
4026713.37       27.42066  (20010209)
        259346.12   4026691.76       23.91021  (20010209)                259354.61
4026670.15       21.27686  (20010209)
        259363.10   4026648.54       19.37994  (20010209)                259371.58
4026626.93       18.04836  (20010209)
        259380.07   4026605.32       17.12745  (20010209)                259388.56
4026583.71       16.49597  (20010209)
        259397.05   4026562.10       16.01651  (20010209)                259405.54
4026540.49       15.60916  (20010209)
        259414.03   4026518.88       15.20920  (20010209)                259422.52
4026497.27       14.79623  (20010209)
        259431.00   4026475.66       14.34817  (20010209)                259439.49
4026454.05       13.84881  (20010209)
        259447.98   4026432.44       13.28336  (20010209)                259477.73
4026401.50       13.67984  (20122409)
        259498.99   4026392.16       16.56115  (20122409)                259520.24
4026382.83       18.95912  (20122409)
        259541.50   4026373.49       20.66779  (20122409)                259562.76
4026364.15       21.63967  (20122409)
        259584.02   4026354.82       21.94779  (20122409)                259605.27
4026345.48       21.63593  (20122409)
        259626.53   4026336.15       20.82519  (20122409)                259647.79
4026326.81       19.62524  (20122409)
        259669.05   4026317.47       18.14833  (20122409)                259690.31
4026308.14       16.50033  (20122409)
        259711.56   4026298.80       14.81840  (20122409)                259732.82
4026289.47       13.20324  (20122409)
        259754.08   4026280.13       13.51321  (19120316)                259775.34
4026270.79       14.63826  (19120316)
        259796.59   4026261.46       15.54200  (19120316)                259817.85
4026252.12       16.14281  (19120316)
        259839.11   4026242.79       16.48994  (19120316)                259860.37
4026233.45       16.58420  (19120316)
        259881.62   4026224.11       16.41109  (19120316)                259902.88
4026214.78       15.97449  (19120316)
        259924.14   4026205.44       15.31616  (19120316)                259261.63
4026931.23       47.12489  (20010209)
        259262.03   4026954.59       58.11555  (22122116)                259262.43
4026977.95       69.90979  (22122116)
        259262.83   4027001.31       75.90792  (22122116)                259263.22
4027024.67       77.49652  (22122116)
        259263.62   4027048.03       79.86399  (20121509)                259069.63
4026889.97       50.88828  (22122116)
        259078.00   4026868.67       49.50215  (22122116)                259086.36
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                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A ***
                                  INCLUDING SOURCE(S):   PHASE2A   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        259144.93   4026698.26   29.09269 (20010209)   259153.30
4026676.96   32.17676 (20010209)
        259161.67   4026655.66   34.32101 (20010209)   259170.04
4026634.36   35.34279 (20010209)
        259178.40   4026613.06   35.45753 (20010209)   259186.77
4026591.75   34.52079 (20010209)
        259195.14   4026570.45   32.70656 (20010209)   259203.51
4026549.15   30.44924 (20010209)
        259211.87   4026527.85   27.93220 (20010209)   259220.24
4026506.55   25.37448 (20010209)
        259228.61   4026485.25   22.97007 (20010209)   259236.98
4026463.95   20.06693 (20010209)
        259245.34   4026442.64   17.97728 (20010209)   259253.71
4026421.34   16.47934 (20010209)
        259262.08   4026400.04   15.24800 (20010209)   259270.45
4026378.74   14.52061 (20010209)
        259278.81   4026357.44   14.10059 (20010209)   259287.18
4026336.14   14.02559 (20010209)
        259295.55   4026314.84   13.54754 (20010209)   259303.91
4026293.54   13.11110 (20010209)
        259333.24   4026263.03   12.27533 (20010209)   259354.19

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4026253.83       11.83730  (20010209)
        259375.14   4026244.63       11.31964  (20010209)                259396.10
4026235.42       10.72233  (20010209)
        259417.05   4026226.22       10.05074  (20010209)                259438.01
4026217.02        9.31555  (20010209)
        259458.96   4026207.82        8.52724  (20010209)                259479.91
4026198.61        8.31837  (20122409)
        259500.87   4026189.41       10.41274  (20122409)                259521.82
4026180.21       12.45163  (20122409)
        259542.78   4026171.01       14.28152  (20122409)                259563.73
4026161.80       15.78395  (20122409)
        259584.68   4026152.60       16.86509  (20122409)                259605.64
4026143.40       17.50080  (20122409)
        259626.59   4026134.20       17.68025  (20122409)                259647.55
4026124.99       17.44550  (20122409)
        259668.50   4026115.79       16.83017  (20122409)                259689.45
4026106.59       15.91527  (20122409)
        259710.41   4026097.39       14.80863  (20122409)                259731.36
4026088.18       13.71381  (20122409)
        259752.32   4026078.98       12.59435  (20122409)                259773.27
4026069.78       11.50284  (20122409)
        259794.23   4026060.58       10.47541  (20122409)                259815.18
4026051.37        9.60945  (20122409)
        259836.13   4026042.17       10.11457  (19120316)                259857.09
4026032.97       11.09293  (19120316)
        259878.04   4026023.77       11.93904  (19120316)                259899.00
4026014.56       12.61115  (19120316)
        259919.95   4026005.36       13.09355  (19120316)                259061.66
4026934.64       51.03067  (20121509)
        259062.06   4026958.00       56.16220  (20121509)                259062.46
4026981.36       59.85144  (20121509)
        259062.85   4027004.72       62.15931  (20121509)                259063.25
4027028.08       63.04556  (20121509)
        259063.65   4027051.44       62.15268  (20121509)                258869.81
4026892.99       46.78491  (20121509)
        258878.33   4026871.29       44.74481  (20121509)                258886.86
4026849.60       41.33302  (20121509)
        258895.38   4026827.90       37.67821  (22122116)                258903.90
4026806.20       39.86248  (22122116)
        258912.42   4026784.51       40.70647  (22122116)                258920.95
4026762.81       40.04138  (22122116)
        258929.47   4026741.12       37.66606  (22122116)                258937.99
4026719.42       33.79163  (22122116)
        258946.51   4026697.73       28.89105  (22122116)                258955.04
4026676.03       23.75198  (22122116)
        258963.56   4026654.33       18.99245  (22122116)                258972.08
4026632.64       14.98923  (22122116)
        258980.60   4026610.94       11.82481  (22122116)                258989.12
4026589.25        9.39207  (22122116)
        258997.65   4026567.55       10.64585  (20010209)                259006.17
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE2A ***
INCLUDING SOURCE(S): PHASE2A ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
259082.87	4026350.59	24.98927	(20010209)	259091.39	4026328.90	24.02870	(20010209)
259099.92	4026307.20	22.82494	(20010209)	259108.44	4026285.51	21.48115	(20010209)
259116.96	4026263.81	20.08225	(20010209)	259125.48	4026242.11	18.68942	(20010209)
259134.00	4026220.42	17.37438	(20010209)	259142.53	4026198.72	16.19271	(20010209)
259151.05	4026177.03	15.16540	(20010209)	259159.57	4026155.33	14.29400	(20010209)
259189.44	4026124.26	12.77600	(20010209)	259210.78	4026114.89	12.15503	(20010209)
259232.12	4026105.52	11.62381	(20010209)	259253.46	4026096.14	11.13760	(20010209)
259274.80	4026086.77	10.68173	(20010209)	259296.15	4026077.40	10.20250	(20010209)
259317.49	4026068.02	9.66236	(20010209)	259338.83	4026058.65	9.06784	(20010209)
259360.17	4026049.28	8.40833	(20010209)	259381.51			

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4026039.91        7.70600  (20010209)
        259402.86   4026030.53        6.97225  (20010209)                259424.20
4026021.16        6.21792  (20010209)
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4026002.41        5.38968  (22020909)
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4025946.18       12.93926  (20122409)
        259616.28   4025936.80       13.84136  (20122409)                259637.62
4025927.43       14.38672  (20122409)
        259658.96   4025918.06       14.61973  (20122409)                259680.30
4025908.68       14.55277  (20122409)
        259701.65   4025899.31       14.17950  (20122409)                259722.99
4025889.94       13.59153  (20122409)
        259744.33   4025880.56       12.84451  (20122409)                259765.67
4025871.19       12.07082  (20122409)
        259787.01   4025861.82       11.25005  (20122409)                259808.36
4025852.45       10.44377  (20122409)
        259829.70   4025843.07        9.69493  (20122409)                259851.04
4025833.70        9.03889  (20122409)
        259872.38   4025824.33        8.50898  (20122409)                259893.72
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        259915.07   4025805.58        7.89189  (19120316)                258861.29
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        258686.62   4026853.69       38.04403  (20121509)                258695.05
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4026746.36       31.33826  (20121509)
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4026703.43       31.83808  (22122116)
        258754.07   4026681.96       33.10870  (22122116)                258762.51
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        258770.94   4026639.03       32.19733  (22122116)                258779.37
4026617.56       30.14687  (22122116)
        258787.80   4026596.10       27.23511  (22122116)                258796.23
4026574.63       23.65927  (22122116)
        258804.67   4026553.16       19.94327  (22122116)                258813.10
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4026445.83        6.85670  (22122116)
        258855.26   4026424.36        6.60084  (18121209)                258863.69
4026402.90        6.52835  (18120709)
        258872.13   4026381.43        7.46660  (18120709)                258880.56
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        258888.99   4026338.50        9.62298  (20010209)                258897.42
4026317.03       11.36338  (20010209)
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                  PAGE 464
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2A  ***
                                  INCLUDING SOURCE(S):     PHASE2A     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4026188.23       19.44667  (20010209)
        258956.45   4026166.77       19.87281  (20010209)                258964.88
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4026102.37       19.50427  (20010209)
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4026059.44       18.11146  (20010209)
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4025883.75        7.80902  (20010209)
        259298.42   4025874.48        7.20179  (20010209)                259319.54
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4025809.56        4.90150  (22011111)
        259467.35   4025800.28        4.86160  (22020909)                259488.47
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4025772.46        5.90604  (20122409)
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4025753.91        8.32073  (20122409)
        259594.05   4025744.64        9.46647  (20122409)                259615.17
4025735.37       10.49016  (20122409)
        259636.28   4025726.09       11.32515  (20122409)                259657.40
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        259720.75   4025689.00       12.45109  (20122409)                259741.87
4025679.72       12.20321  (20122409)
        259762.98   4025670.45       11.80631  (20122409)                259784.10
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4025624.08        8.90794  (20122409)
        259889.68   4025614.81        8.43052  (20122409)                259910.80
4025605.53        8.01530  (20122409)
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4026725.88   33.16662 (20121509)
        258546.73   4026704.14   32.16980 (20121509)   258555.27
4026682.41   30.20646 (20121509)
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4026595.46   26.95454 (22122116)
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4026551.99   28.38165 (22122116)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A ***
                                 INCLUDING SOURCE(S):   PHASE2A   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

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        258819.95   4026008.59       14.17118  (20010209)                258828.49
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4025899.91       16.37222  (20010209)
        258871.18   4025878.17       16.26976  (20010209)                258901.10
4025847.05       15.59345  (20010209)
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4025753.14        9.18405  (20010209)
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4025734.36        8.20797  (20010209)
        259179.06   4025724.97        7.69489  (20010209)                259200.44
4025715.58        7.15814  (20010209)
        259221.82   4025706.19        6.59896  (20010209)                259243.21
4025696.80        6.02511  (20010209)
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4025678.02        5.22404  (22011111)
        259307.35   4025668.63        5.46204  (22011111)                259328.73
4025659.24        5.56227  (22011111)
        259350.11   4025649.85        5.51018  (22011111)                259371.50
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4025602.90        4.58331  (22011111)
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4025584.12        5.03222  (22020909)
        259521.17   4025574.73        5.27404  (22020909)                259542.55
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        259606.69   4025537.16        7.46489  (20122409)                259628.08
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4025508.99        9.82943  (20122409)
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4025452.65       10.42673  (20122409)
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        259906.04   4025405.70        8.29143  (20122409)                 258461.35
4026921.50       10.17126  (20121509)
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 466
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2A  ***
                                  INCLUDING SOURCE(S):     PHASE2A     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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4026737.40       36.84393  (19121116)
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4025539.60       10.44075  (20122409)
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        259742.72   4025541.39       11.33756  (20122409)                259720.06
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        260257.42   4026939.12       35.37405  (19121116)                260256.92
4026916.26       34.15030  (19121116)
        260256.42   4026893.39       32.88860  (19121116)                260359.39
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 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 467
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2A  ***
                                  INCLUDING SOURCE(S):     PHASE2A     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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        260356.90   4026914.08       33.20337  (19121116)                260356.40
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4026976.13       15.42431  (21122009)
        260657.82   4026953.27       16.92390  (21122009)                260657.32
4026930.40       17.76184  (21122009)
        260656.82   4026907.54       17.93990  (21122009)                260656.33
4026884.68       17.65610  (21122009)
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4026994.64       13.03658  (22120209)
        260858.27   4026971.77       13.07056  (22120209)                260857.77
4026948.91       13.03682  (22120209)
        260857.28   4026926.05       12.81713  (22120209)                260856.78
4026903.18       12.45005  (22120209)
        260856.28   4026880.32       12.10814  (22120209)                261059.22
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4026921.69       12.16432  (22120209)
        261056.73   4026898.83       12.29123  (22120209)                261056.23
4026875.96       12.56139  (22120209)
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4026940.19       11.24166  (18011209)
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        260199.20   4026536.38       19.06159  (22010709)                260214.18
4026570.17       18.12183  (22010709)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2A  ***
                                  INCLUDING SOURCE(S):     PHASE2A     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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        260289.03   4026739.14       24.91371  (19121116)                260304.00
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        259751.01   4026211.03       12.27685  (20122409)                259784.60
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4026357.90       26.02910  (19121116)
        260170.87   4026370.67       24.57574  (19121116)                260221.26
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4026593.34       18.96332  (19121116)
        260339.93   4026626.19       21.03026  (19121116)                260354.49
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4026011.23       13.04328  (20122409)
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4025922.64       12.52930  (19120316)
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4025974.99        9.31528  (19121116)
        260341.08   4026040.43       19.85026  (19121116)                260375.50
4026053.52       19.67692  (19121116)
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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                                  PAGE 469
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2A  ***
                                  INCLUDING SOURCE(S):     PHASE2A     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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4025669.63        8.45245  (20122409)
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 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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                                 PAGE 470
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2A  ***
                                 INCLUDING SOURCE(S):     PHASE2A     ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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        261107.66   4026536.35       11.27525  (21122009)                261122.52
4026569.87       10.82655  (21122009)
        261137.37   4026603.40       10.05415  (22120209)                261152.22
4026636.92       10.59459  (22120209)
        261167.07   4026670.45       11.11553  (22120209)                261181.92
4026703.97       11.52081  (22120209)
        261196.78   4026737.50       11.82720  (22120209)                261211.63
4026771.03       12.05098  (22120209)
        261226.48   4026804.55       12.10836  (22120209)                261241.33
4026838.08       11.79923  (22120209)
        259690.21   4025405.64        9.34741  (20122409)                259694.18
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4026881.02       54.85426  (19121116)
        259644.51   4026882.10       46.64020  (19121116)                259619.68
4026882.65       43.69010  (19121116)
        259643.97   4026857.11       42.15155  (19121116)                259619.13
4026857.65       40.04639  (19121116)
        259569.47   4026858.74       38.20457  (20122409)                259544.63
4026859.28       40.57533  (20122409)
        259519.80   4026859.82       42.29587  (20122409)                259470.13
4026860.91       48.29233  (20122409)
        259445.30   4026861.45       45.01238  (20122409)                259643.42
4026832.12       38.02831  (19121116)
        259618.59   4026832.66       35.77320  (19121116)                259544.09
4026834.29       39.11572  (20122409)
        259519.25   4026834.83       41.13794  (20122409)                259444.75
4026836.46       40.52662  (20122409)
        259667.71   4026806.58       36.92066  (19121116)                259642.87
4026807.12       32.03747  (19121116)
        259568.37   4026808.75       35.43569  (20122409)                259543.54
4026809.29       37.68034  (20122409)
        259469.04   4026810.92       41.51944  (20122409)                259444.21
4026811.46       36.37993  (20122409)
        259691.45   4026756.05       32.99398  (19121116)                259666.62
4026756.59       30.34686  (19120316)
        259641.78   4026757.13       29.55166  (19120316)                259592.11
4026758.22       30.70536  (20122409)
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                   PAGE 471
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2A  ***
                                   INCLUDING SOURCE(S):     PHASE2A     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        259567.28   4026758.76       33.65826  (20122409)                259542.45
4026759.30       35.56864  (20122409)
        259492.78   4026760.39       37.70168  (20122409)                259467.95
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4026760.93 35.60211 (20122409)
259443.11 4026761.48 29.50570 (20122409) 259690.36
4026706.06 28.10119 (19120316)
259665.52 4026706.60 27.85549 (19120316) 259591.02
4026708.23 29.79623 (20122409)
259566.19 4026708.77 32.18955 (20122409) 259491.69
4026710.40 34.09233 (20122409)
259466.85 4026710.95 30.50507 (20122409) 259689.26
4026656.07 26.03802 (19120316)
259639.60 4026657.16 24.20708 (19120316) 259614.76
4026657.70 25.84167 (20122409)
259589.93 4026658.24 28.66740 (20122409) 259515.43
4026659.87 32.12325 (20122409)
259490.59 4026660.41 30.30324 (20122409) 259663.34
4026606.63 22.80010 (19120316)
259638.50 4026607.17 22.15503 (20122409) 259613.67
4026607.71 25.15023 (20122409)
259539.17 4026609.34 29.94739 (20122409) 259514.34
4026609.88 29.28123 (20122409)
259439.84 4026611.51 16.53107 (20010209) 259636.32
4026507.19 21.85177 (20122409)
259611.49 4026507.74 24.07726 (20122409) 259586.65
4026508.28 25.61586 (20122409)
259561.82 4026508.82 26.27013 (20122409) 259487.32
4026510.45 20.26450 (20122409)
259462.48 4026510.99 15.65294 (20122409) 259634.13
4026407.22 21.21938 (20122409)
259609.30 4026407.76 22.53107 (20122409) 259584.47
4026408.30 23.12821 (20122409)
259559.63 4026408.85 22.81697 (20122409) 259534.80
4026409.39 21.40161 (20122409)
259435.47 4026411.56 13.11738 (20010209) 259631.95
4026307.24 20.22988 (20122409)
259607.12 4026307.78 20.89118 (20122409) 259582.28
4026308.33 20.73078 (20122409)
259557.45 4026308.87 19.63041 (20122409) 259532.61
4026309.41 17.58994 (20122409)
259507.78 4026309.96 14.76095 (20122409) 259482.95
4026310.50 11.49622 (20122409)
259458.11 4026311.04 10.62971 (20010209) 259433.28
4026311.58 11.28537 (20010209)
259679.43 4026206.18 17.00868 (20122409) 259654.60
4026206.72 18.20146 (20122409)
259629.76 4026207.27 18.85219 (20122409) 259604.93
4026207.81 18.82321 (20122409)
259580.10 4026208.35 18.01413 (20122409) 259555.26
4026208.89 16.40883 (20122409)
259530.43 4026209.44 14.15304 (20122409) 259675.06
4026006.23 15.56582 (20122409)
259650.23 4026006.77 15.68520 (20122409) 259625.39

4026007.31   15.24193 (20122409)
        259600.56   4026007.86   14.33617 (20122409)   259575.73
4026008.40   12.92548 (20122409)
        259550.89   4026008.94   11.09109 (20122409)   259526.06
4026009.48   9.02480 (20122409)
        259670.69   4025806.28   13.38729 (20122409)   259645.86
4025806.82   12.82935 (20122409)
        259621.02   4025807.36   11.85025 (20122409)   259596.19
4025807.90   10.54347 (20122409)
        259571.36   4025808.45   9.00658 (20122409)   259546.52
4025808.99   7.37212 (20122409)
        259521.69   4025809.53   5.76619 (20122409)   259666.32
4025606.32   10.81198 (20122409)
        259641.49   4025606.87   9.91539 (20122409)   259616.65
4025607.41   8.79078 (20122409)
        259591.82   4025607.95   7.50874 (20122409)   259566.99
4025608.49   6.20591 (20122409)
        259542.15   4025609.04   5.44804 (22020909)   259517.32
4025609.58   5.26570 (22020909)
        259661.95   4025406.37   8.43876 (20122409)   259637.12
4025406.91   7.46996 (20122409)
        259612.29   4025407.46   6.40476 (20122409)   259587.45
4025408.00   5.31252 (20122409)
        259562.62   4025408.54   5.26591 (22020909)   259537.78
4025409.08   5.13660 (22020909)
        259512.95   4025409.63   4.86904 (22020909)   259488.12
4025410.17   4.49661 (22020909)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A ***
                                 INCLUDING SOURCE(S):   PHASE2A   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
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        259413.62   4025411.80        4.81951  (22011111)                259422.19
4026953.67       57.42934  (20122409)
        259422.99   4026995.42       70.04008  (20122409)                259396.80
4026933.27       54.76678  (20010209)
        259397.59   4026975.02       75.86686  (20010209)                259398.39
4027016.78       98.87927  (20010209)
        259409.77   4026851.82       29.66065  (20010209)                259317.30
4026860.93       59.39375  (20010209)
        259331.22   4026825.36       48.01388  (20010209)                259355.67
4026799.88       35.52875  (20010209)
        259296.82   4026935.18       65.59946  (20010209)                259297.61
4026976.93       62.22071  (20010209)
        259298.41   4027018.68       81.79295  (22122116)                259354.57
4026749.90       28.38384  (20010209)
        259389.55   4026734.53       21.60221  (20010209)                259217.31
4026862.84       36.10549  (20010209)
        259231.23   4026827.26       44.34857  (20010209)                259245.15
4026791.69       48.32260  (20010209)
        259259.07   4026756.11       46.75445  (20010209)                259283.52
4026730.64       40.76424  (20010209)
        259370.97   4026692.23       20.92755  (20010209)                259405.95
4026676.86       18.11490  (20010209)
        259196.83   4026937.09       60.28638  (22122116)                259197.63
4026978.84       65.96409  (22122116)
        259198.43   4027020.59       68.58326  (20121509)                259169.22
4026858.94       36.51654  (22122116)
        259184.41   4026820.13       29.41065  (20010209)                259199.59
4026781.32       37.60715  (20010209)
        259214.78   4026742.51       42.37402  (20010209)                259249.04
4026695.31       40.47565  (20010209)
        259287.20   4026678.55       32.77533  (20010209)                259325.36
4026661.79       24.40667  (20010209)
        259401.68   4026628.27       17.13333  (20010209)                259146.84
4026938.04       59.41737  (22122116)
        259147.64   4026979.79       59.63883  (22122116)                259148.44
4027021.55       68.76045  (20121509)
        259213.78   4026609.86       34.60644  (20010209)                259251.10
4026593.47       28.26549  (20010209)
        259288.41   4026577.09       21.35940  (20010209)                259325.72
4026560.70       18.30110  (20010209)
        259363.03   4026544.31       16.25751  (20010209)                258968.46
4026864.80       42.68562  (22122116)
        258983.11   4026827.35       44.39565  (22122116)                258997.76
4026789.90       40.81735  (22122116)
        259012.42   4026752.45       31.94415  (22122116)                259027.07
4026715.00       21.93556  (22122116)
        259041.72   4026677.55       14.23487  (22122116)                259056.37
4026640.10       14.18159  (20010209)
        259071.02   4026602.65       19.86173  (20010209)                259104.09
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4026557.11       27.98139  (20010209)
        259140.91   4026540.94       31.58344  (20010209)                259177.73
4026524.76       30.54890  (20010209)
        259251.37   4026492.42       20.19680  (20010209)                259288.19
4026476.25       16.06756  (20010209)
        259325.01   4026460.08       14.76899  (20010209)                259361.83
4026443.90       14.50723  (20010209)
        259398.65   4026427.73       13.92052  (20010209)                258946.88
4026941.86       52.24934  (20121509)
        258947.68   4026983.61       52.62468  (20121509)                258948.47
4027025.36       48.60592  (20121509)
        259070.77   4026470.81       25.82065  (20010209)                259108.93
4026454.05       28.27944  (20010209)
        259147.09   4026437.29       26.93760  (20010209)                259185.25
4026420.53       23.04755  (20010209)
        259223.41   4026403.76       17.92963  (20010209)                259299.72
4026370.24       14.01657  (20010209)
        259337.88   4026353.48       13.48857  (20010209)                259376.04
4026336.72       12.79744  (20010209)
        258754.01   4026905.64       39.90087  (20121509)                258769.00
4026867.32       42.35668  (20121509)
        258783.99   4026829.01       40.74616  (20121509)                258798.98
4026790.69       35.23481  (20121509)
        258813.97   4026752.38       34.86091  (22122116)                258828.96
4026714.06       36.08675  (22122116)
        258843.95   4026675.75       33.39157  (22122116)                258858.94
4026637.43       27.20388  (22122116)
        258873.93   4026599.12       19.97901  (22122116)                258888.92
4026560.80       13.57784  (22122116)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 473
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2A  ***
                                 INCLUDING SOURCE(S):     PHASE2A     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4026684.24       30.58470  (20121509)
        258458.63   4026646.06       28.96948  (20121509)                258473.56
4026607.88       24.97417  (20121509)
        258488.50   4026569.70       21.53382  (22122116)                258503.44
4026531.52       24.73560  (22122116)
        258518.38   4026493.34       26.09707  (22122116)                258533.31
4026455.15       25.06388  (22122116)
        258548.25   4026416.97       22.01975  (22122116)                258563.19
4026378.79       17.77743  (22122116)
        258578.13   4026340.61       13.39802  (22122116)                258593.07
4026302.43        9.59013  (22122116)
        258608.00   4026264.25        7.05144  (22021109)                258622.94
4026226.07        6.31735  (18121209)
        258637.88   4026187.88        6.15547  (18121209)                258671.59
4026141.46        5.49971  (18121209)
        258709.13   4026124.97        7.05026  (18120709)                258746.66
4026108.48        8.37594  (18120709)
        258821.74   4026075.51       12.79723  (20010209)                258859.28
4026059.02       15.72879  (20010209)
        258896.82   4026042.53       17.67746  (20010209)                258934.36
4026026.04       18.24271  (20010209)
        258971.90   4026009.56       17.54710  (20010209)                259009.43
4025993.07       16.04489  (20010209)
        258346.99   4026953.30       14.72130  (18012309)                258347.79
4026995.05       20.57490  (18012309)
        258348.58   4027036.81       26.66556  (18012309)                258154.17
4026916.97       13.63074  (18012309)
        258169.25   4026878.43       10.42673  (22121309)                258184.33
4026839.88        8.80921  (18112609)
        258199.40   4026801.34        9.66165  (18112609)                258214.48
4026762.80       12.39157  (20121509)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 474
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2A  ***
                                 INCLUDING SOURCE(S):     PHASE2A     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)        CONC     (YYMMDDHH)
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4026338.46   17.17840 (22122116)
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4026183.21   17.34711 (22122116)
        258257.95   4026144.40   14.50833 (22122116)   258273.14
4026105.58   11.45939 (22122116)
        258288.32   4026066.77   8.59008 (22122116)   258303.51
4026027.96   6.80092 (22021109)
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4025950.33   5.99082 (22021109)
        258349.06   4025911.52   5.61336 (18121209)   258383.33
4025864.33   5.39938 (18121209)
        258421.49   4025847.57   5.02069 (18121209)   258459.64
4025830.81   4.65119 (18120709)
        258497.80   4025814.05   6.19370 (18120709)   258535.96
4025797.28   7.45969 (18120709)
        258574.12   4025780.52   8.18470 (18120709)   258612.28
4025763.76   8.19330 (18120709)
        258650.44   4025747.00   9.57938 (20010209)   258688.60
4025730.24   11.68475 (20010209)
        258726.76   4025713.48   13.30130 (20010209)   258764.92
4025696.72   14.15648 (20010209)
        258803.07   4025679.96   14.22558 (20010209)   258841.23
4025663.20   13.64448 (20010209)
        258879.39   4025646.44   12.64982 (20010209)   258917.55
4025629.68   11.50765 (20010209)
        258955.71   4025612.92   10.42672 (20010209)   258993.87
4025596.16   9.45908 (20010209)
        259032.03   4025579.40   8.58196 (20010209)   259070.19
4025562.64   7.73748 (20010209)
        259108.35   4025545.88   6.86679 (20010209)   259146.50
4025529.12   5.96979 (20010209)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A ***
                                INCLUDING SOURCE(S):   PHASE2A   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

```
      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        259184.66   4025512.36        5.03443  (20010209)               259222.82
4025495.60        4.15505  (22011111)
        259260.98   4025478.84        4.78705  (22011111)               259299.14
4025462.08        5.15455  (22011111)
        259337.30   4025445.32        5.25736  (22011111)               259375.46
4025428.56        5.10092  (22011111)
        257947.06   4026960.93       24.12316  (18012309)               257947.86
4027002.69       29.99270  (18012309)
        257948.65   4027044.44       34.70951  (18012309)               259440.80
4026786.83       31.84331  (20122409)
        259379.45   4026788.79       27.93897  (20010209)               259436.01
4026636.90       16.94462  (20010209)
        259432.81   4026536.95       15.37347  (20010209)               259426.43
4026337.06       11.92777  (20010209)
        259420.04   4026137.16        8.33849  (20010209)               259379.14
4026138.47        9.43810  (20010209)
        259413.66   4025937.26        5.55230  (22011111)               259372.76
4025938.57        6.30356  (20010209)
        259407.27   4025737.36        5.22531  (22011111)               259366.37
4025738.67        5.54402  (22011111)
        259400.88   4025537.46        5.03815  (22011111)               259359.98
4025538.77        5.28944  (22011111)
        259359.62   4026838.10       42.11297  (20010209)               259400.71
4026338.79       12.45499  (20010209)
        259330.90   4027040.02       88.88164  (22122116)               259334.08
4027080.58       96.44403  (20121509)
        259338.10   4026995.92       93.35259  (20010209)               259305.97
4027041.98       86.72673  (22122116)
        259309.16   4027082.54       95.29628  (20121509)               259338.57
4026970.92       88.00055  (20010209)
        259282.64   4027064.21       86.46477  (20121509)               259285.83
4027104.77       96.08781  (20121509)
        259320.38   4026953.78       78.13225  (20010209)               259259.31
4027086.45       88.48458  (20121509)
        259219.74   4027011.60       69.44207  (22122116)               259233.19
4026973.40       67.95942  (22122116)
        259206.28   4027049.81       75.10665  (20121509)               259209.47
4027090.37       80.63228  (20121509)
        259176.62   4026996.42       63.47322  (20121509)               259156.43
4027053.73       73.33346  (20121509)
        259159.62   4027094.29       74.18330  (20121509)               259113.32
4027038.54       68.19635  (20121509)
        259126.77   4027000.33       64.32365  (20121509)               259192.54
4026858.76       30.95842  (22122116)
        259267.22   4026827.36       53.49299  (20010209)               259108.18
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4027077.92       66.75850  (20121509)
        259111.37   4027118.48       60.46547  (20121509)                259090.38
4026966.04       57.43581  (20121509)
        259103.84   4026927.84       55.27063  (22122116)                259117.29
4026889.63       52.39560  (22122116)
        259130.75   4026851.43       41.08984  (22122116)                259156.15
4026824.47       27.57303  (22122116)
        259212.16   4026800.92       40.04014  (20010209)                259268.17
4026777.37       48.93152  (20010209)
        259058.33   4027081.84       57.45876  (20121509)                259061.52
4027122.40       48.73606  (20121509)
        258963.78   4027050.29       46.54353  (20121509)                258977.23
4027012.08       54.06247  (20121509)
        258990.69   4026973.88       55.98818  (20121509)                259004.15
4026935.67       52.36549  (20121509)
        259031.06   4026859.26       47.26055  (22122116)                259044.51
4026821.05       43.03775  (22122116)
        259057.97   4026782.85       32.24539  (22122116)                259083.37
4026755.89       21.32207  (22122116)
        259176.72   4026716.64       35.39349  (20010209)                259214.06
4026700.94       41.23024  (20010209)
        258958.64   4027089.67       36.57983  (20121509)                258961.83
4027130.23       27.08543  (18121116)
        258884.27   4027000.81       43.20773  (20121509)                258897.72
4026962.61       48.91471  (20121509)
        258911.18   4026924.40       49.86856  (20121509)                258924.64
4026886.19       46.07516  (20121509)
        258938.09   4026847.99       40.66615  (22122116)                258951.55
4026809.78       43.26537  (22122116)
        258965.01   4026771.58       40.62284  (22122116)                258978.46
4026733.37       32.11690  (22122116)
        259010.59   4026687.32       18.99128  (22122116)                259066.60
4026663.76       14.90781  (20010209)
        259103.94   4026648.06       23.48433  (20010209)                259141.27
4026632.36       31.52985  (20010209)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 476
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2A  ***
                                 INCLUDING SOURCE(S):     PHASE2A     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
258857.36	4027077.22	22.66680	(20121509)	258860.54	4027117.78	26.21489	(18012309)
258764.39	4027065.95	20.32798	(18012309)	258777.85	4027027.75	22.57655	(20121509)
258791.30	4026989.54	32.20807	(20121509)	258804.76	4026951.34	40.12661	(20121509)
258818.22	4026913.13	44.61185	(20121509)	258831.67	4026874.92	44.87754	(20121509)
258845.13	4026836.72	40.76412	(20121509)	258858.59	4026798.51	36.10383	(22122116)
258872.04	4026760.31	38.60484	(22122116)	258885.50	4026722.10	36.99131	(22122116)
258898.95	4026683.90	31.35974	(22122116)	258912.41	4026645.69	23.37390	(22122116)
258937.81	4026618.74	16.43392	(22122116)	259012.49	4026587.33	11.45090	(20010209)
259049.83	4026571.63	18.29290	(20010209)	258759.26	4027105.34	27.34306	(18012309)
258762.44	4027145.90	34.55894	(18012309)	258684.88	4027016.48	15.96068	(18012309)
258698.34	4026978.27	22.69362	(20121509)	258711.80	4026940.07	31.02461	(20121509)
258725.25	4026901.86	37.61963	(20121509)	258738.71	4026863.65	40.84607	(20121509)
258752.16	4026825.45	40.32893	(20121509)	258765.62	4026787.24	36.05752	(20121509)
258779.08	4026749.04	31.99678	(22122116)	258792.53	4026710.83	34.72775	(22122116)
258805.99	4026672.63	34.07677	(22122116)	258819.45	4026634.42	29.90502	(22122116)
258832.90	4026596.21	23.52393	(22122116)	258865.03	4026550.16	14.29723	(22122116)
258939.71	4026518.75	7.12428	(22122116)	258977.05	4026503.05	11.60432	(20010209)
258657.97	4027092.89	28.62090	(18012309)	258661.16	4027133.45	35.92694	(18012309)
258465.31	4027089.45	33.10172	(18012309)	258485.50	4027032.14	22.31695	(18012309)
258498.95	4026993.94	16.58636	(18012309)	258512.41	4026955.73	11.40489	(18012309)
258525.87	4026917.52	15.48190	(20121509)	258539.32	4026879.32	22.26195	(20121509)
258552.78	4026841.11	28.49713	(20121509)	258566.24			

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4026802.91       32.80975  (20121509)
        258579.69   4026764.70       34.71401  (20121509)                258593.15
4026726.50       33.40749  (20121509)
        258606.60   4026688.29       29.16884  (20121509)                258620.06
4026650.09       25.77924  (22122116)
        258633.52   4026611.88       28.75538  (22122116)                258646.97
4026573.67       29.36228  (22122116)
        258660.43   4026535.47       27.16360  (22122116)                258673.89
4026497.26       22.96102  (22122116)
        258687.34   4026459.06       17.77623  (22122116)                258719.47
4026413.00       11.06301  (22122116)
        258775.48   4026389.45        6.76231  (22021109)                258812.82
4026373.75        6.49472  (18121209)
        258850.15   4026358.04        7.13764  (18120709)                258924.83
4026326.64       13.86281  (20010209)
        258962.17   4026310.94       18.39382  (20010209)                258999.51
4026295.24       21.78952  (20010209)
        259036.85   4026279.54       23.08597  (20010209)                259074.19
4026263.84       22.15124  (20010209)
        259167.54   4026224.58       15.75485  (20010209)                259204.87
4026208.88       13.87517  (20010209)
        259242.21   4026193.18       12.68372  (20010209)                259279.55
4026177.48       11.91372  (20010209)
        259316.89   4026161.77       11.21989  (20010209)                259354.23
4026146.07       10.13097  (20010209)
        258460.18   4027128.83       39.45594  (18012309)                258463.36
4027169.39       43.69886  (18012309)
        258265.93   4027105.12       38.17640  (18012309)                258279.38
4027066.91       32.93793  (18012309)
        258292.84   4027028.70       26.99221  (18012309)                258306.30
4026990.50       20.88942  (18012309)
        258319.75   4026952.29       15.19160  (18012309)                258339.94
4026894.98        9.23325  (18112609)
        258353.39   4026856.78       10.78718  (20121509)                258366.85
4026818.57       16.06835  (20121509)
        258380.31   4026780.37       21.68386  (20121509)                258393.76
4026742.16       26.35300  (20121509)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 477
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2A  ***
                                  INCLUDING SOURCE(S):     PHASE2A     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
258407.22	4026703.96	29.28450	(20121509)	258420.67	4026665.75	29.87188	(20121509)
258434.13	4026627.54	27.98236	(20121509)	258447.59	4026589.34	23.97925	(20121509)
258461.04	4026551.13	20.98842	(22122116)	258474.50	4026512.93	24.05261	(22122116)
258487.96	4026474.72	25.36206	(22122116)	258501.41	4026436.52	24.56825	(22122116)
258514.87	4026398.31	21.94015	(22122116)	258528.33	4026360.11	18.08166	(22122116)
258541.78	4026321.90	13.92294	(22122116)	258573.91	4026275.84	8.74170	(22122116)
258629.92	4026252.29	6.64128	(22021109)	258667.25	4026236.59	6.31344	(18121209)
258704.59	4026220.89	5.97833	(18121209)	258779.27	4026189.48	7.94669	(18120709)
258816.61	4026173.78	9.37936	(20010209)	258853.95	4026158.08	13.05994	(20010209)
258891.29	4026142.38	16.44220	(20010209)	258928.63	4026126.68	18.80370	(20010209)
259021.98	4026087.42	18.19658	(20010209)	259059.31	4026071.72	16.24399	(20010209)
259096.65	4026056.02	14.30714	(20010209)	259133.99	4026040.32	12.75299	(20010209)
259171.33	4026024.62	11.60823	(20010209)	259208.67	4026008.92	10.74405	(20010209)
259246.01	4025993.21	9.92700	(20010209)	259283.35	4025977.51	9.02592	(20010209)
259320.69	4025961.81	7.97842	(20010209)	258260.79	4027144.50	41.76582	(18012309)
258263.98	4027185.06	40.99574	(18012309)	258066.54	4027120.78	39.50114	(18012309)
258080.00	4027082.57	37.31990	(18012309)	258093.45	4027044.37	33.42966	(18012309)
258106.91	4027006.16	27.68822	(18012309)	258120.37	4026967.96	21.15297	(18012309)
258133.82	4026929.75	15.40915	(18012309)	258147.28	4026891.55	11.13794	(22121309)
258160.74	4026853.34	9.31084	(22121309)	258174.19	4026815.14	9.25661	(18112609)
258187.65	4026776.93	9.64827	(18112609)	258201.10			

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4026738.72       14.03773  (20121509)
        258214.56   4026700.52       18.63342  (20121509)                258228.02
4026662.31       22.62848  (20121509)
        258241.47   4026624.11       25.34511  (20121509)                258254.93
4026585.90       26.17020  (20121509)
        258268.39   4026547.70       24.96534  (20121509)                258281.84
4026509.49       21.97401  (20121509)
        258295.30   4026471.28       17.85326  (20121509)                258308.76
4026433.08       18.85304  (22122116)
        258322.21   4026394.87       21.23605  (22122116)                258335.67
4026356.67       22.16846  (22122116)
        258349.12   4026318.46       21.44381  (22122116)                258362.58
4026280.26       19.25432  (22122116)
        258376.04   4026242.05       16.13057  (22122116)                258389.49
4026203.84       12.73809  (22122116)
        258402.95   4026165.64        9.56848  (22122116)                258428.35
4026138.69        7.12872  (22021109)
        258503.02   4026107.28        6.12177  (22021109)                258540.36
4026091.58        5.96771  (18121209)
        258577.70   4026075.88        5.67586  (18121209)                258615.04
4026060.18        5.20372  (18121209)
        258652.38   4026044.48        6.74493  (18120709)                258689.72
4026028.77        8.08072  (18120709)
        258727.06   4026013.07        8.74153  (18120709)                258764.40
4025997.37       10.77355  (20010209)
        258801.74   4025981.67       13.54596  (20010209)                258876.41
4025950.27       16.86842  (20010209)
        258913.75   4025934.56       16.90959  (20010209)                258951.09
4025918.86       16.03847  (20010209)
        258988.43   4025903.16       14.63238  (20010209)                259025.77
4025887.46       13.11900  (20010209)
        259063.11   4025871.76       11.79150  (20010209)                259100.45
4025856.06       10.72196  (20010209)
        259137.79   4025840.35        9.82804  (20010209)                259175.13
4025824.65        8.97763  (20010209)
        259212.47   4025808.95        8.11234  (20010209)                259249.80
4025793.25        7.14967  (20010209)
        259287.14   4025777.55        6.09973  (20010209)                259324.48
4025761.85        5.55683  (22011111)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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                                PAGE 478
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2A  ***
                                INCLUDING SOURCE(S):     PHASE2A     ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
258061.41	4027160.16	38.13340	(18012309)	258064.59	4027200.72	34.04197	(18012309)
257867.16	4027136.45	35.03969	(18012309)	257880.61	4027098.24	36.48237	(18012309)
257894.07	4027060.03	36.07101	(18012309)	257907.53	4027021.83	33.10592	(18012309)
257920.98	4026983.62	27.63507	(18012309)	258008.45	4026735.29	9.15736	(18112609)
258021.90	4026697.08	9.34985	(18112609)	258035.36	4026658.87	12.39646	(20121509)
258048.82	4026620.67	16.27403	(20121509)	258062.27	4026582.46	19.72251	(20121509)
258075.73	4026544.26	22.15607	(20121509)	258089.19	4026506.05	23.12023	(20121509)
258102.64	4026467.85	22.43967	(20121509)	258116.10	4026429.64	20.26121	(20121509)
258129.55	4026391.44	17.00701	(20121509)	258143.01	4026353.23	14.34260	(22122116)
258156.47	4026315.02	17.07751	(22122116)	258169.92	4026276.82	18.94923	(22122116)
258183.38	4026238.61	19.57810	(22122116)	258196.84	4026200.41	18.92558	(22122116)
258210.29	4026162.20	17.14636	(22122116)	258223.75	4026124.00	14.58027	(22122116)
258237.20	4026085.79	11.73668	(22122116)	258250.66	4026047.58	9.00079	(22122116)
258282.79	4026001.53	6.78034	(22021109)	258338.79	4025977.98	6.26050	(22021109)
258376.13	4025962.27	5.68138	(18121209)	258413.47	4025946.57	5.67711	(18121209)
258450.81	4025930.87	5.42971	(18121209)	258488.15	4025915.17	5.03379	(18121209)
258525.49	4025899.47	5.42613	(18120709)	258562.83	4025883.77	6.93851	(18120709)
258600.17	4025868.06	8.07292	(18120709)	258637.51	4025852.36	8.47055	(18120709)
258674.85	4025836.66	9.05908	(20010209)	258712.18	4025820.96	11.42438	(20010209)
258749.52	4025805.26	13.41282	(20010209)	258786.86			

4025789.56   14.69020 (20010209)
        258824.20   4025773.85   15.14749 (20010209)   258861.54
4025758.15   14.78022 (20010209)
        258898.88   4025742.45   13.85521 (20010209)   258936.22
4025726.75   12.66550 (20010209)
        258973.56   4025711.05   11.46252 (20010209)   259010.90
4025695.35   10.39523 (20010209)
        259048.24   4025679.64   9.47519 (20010209)   259085.57
4025663.94   8.62942 (20010209)
        259122.91   4025648.24   7.79959 (20010209)   259160.25
4025632.54   6.93051 (20010209)
        259197.59   4025616.84   6.00631 (20010209)   259234.93
4025601.14   5.03235 (20010209)
        259272.27   4025585.44   4.92596 (22011111)   259309.61
4025569.73   5.30313 (22011111)
        257862.02   4027175.83   32.67934 (18012309)   257865.21
4027216.39   27.25053 (18012309)
        259335.94   4027123.45   108.45782 (20121509)   259336.28
4027147.64   113.17080 (20121509)
        259336.62   4027171.84   116.58865 (20121509)   259336.96
4027196.03   111.78718 (20121509)
        259337.30   4027220.23   107.90680 (20121509)   259337.64
4027244.43   99.61990 (20121509)
        259337.98   4027268.62   88.99385 (20121509)   259310.94
4027123.80   104.01113 (20121509)
        259311.28   4027147.99   106.36185 (20121509)   259311.62
4027172.19   106.31272 (20121509)
        259311.96   4027196.39   105.81091 (20121509)   259312.30
4027220.58   100.52305 (20121509)
        259312.64   4027244.78   89.91985 (20121509)   259312.98
4027268.97   78.10309 (20121509)
        259286.29   4027148.35   98.57434 (20121509)   259286.63
4027172.54   98.73391 (20121509)
        259286.97   4027196.74   97.56680 (20121509)   259287.31
4027220.93   90.81671 (20121509)
        259287.65   4027245.13   80.53062 (20121509)   259287.99
4027269.32   73.64693 (18121116)
        259260.95   4027124.50   92.66767 (20121509)   259261.29
4027148.70   92.34464 (20121509)
        259261.63   4027172.89   90.62124 (20121509)   259261.97
4027197.09   87.02985 (20121509)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: PHASE2A ***
                                INCLUDING SOURCE(S):   PHASE2A   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        259262.31   4027221.28   79.88142 (20121509)   259262.65
4027245.48   68.85823 (20121509)
        259262.99   4027269.68   70.65317 (18121116)   259210.95
4027125.20   81.57333 (20121509)
        259211.29   4027149.40   79.21019 (20121509)   259211.63
4027173.59   74.22692 (20121509)
        259211.97   4027197.79   67.54432 (20121509)   259212.31
4027221.99   58.33298 (20121509)
        259212.65   4027246.18   58.45528 (18121116)   259212.99
4027270.38   65.81692 (18121116)
        259160.96   4027125.91   70.52638 (20121509)   259161.30
4027150.10   65.76740 (20121509)
        259161.64   4027174.30   59.07879 (20121509)   259161.98
4027198.49   50.53289 (20121509)
        259162.32   4027222.69   48.49669 (18121116)   259162.66
4027246.88   55.07655 (18121116)
        259163.00   4027271.08   60.85677 (18121116)   259111.30
4027150.80   51.63423 (20121509)
        259111.64   4027175.00   44.24324 (20121509)   259111.98
4027199.20   41.00998 (18121116)
        259112.32   4027223.39   46.94415 (18121116)   259112.66
4027247.59   52.81696 (18121116)
        259113.00   4027271.78   56.98099 (18121116)   259061.31
4027151.51   39.90926 (20121509)
        259061.65   4027175.70   35.21690 (18121116)   259061.99
4027199.90   40.17224 (18121116)
        259062.33   4027224.09   45.57250 (18121116)   259062.67
4027248.29   50.30480 (18121116)
        259063.01   4027272.49   54.69164 (18012309)   258961.32
4027152.91   30.62239 (18012309)
        258961.66   4027177.11   35.79461 (18012309)   258962.00
4027201.30   41.67889 (18012309)
        258962.34   4027225.50   47.58472 (18012309)   258962.68
4027249.69   52.29441 (18012309)
        258963.02   4027273.89   53.28774 (18012309)   258861.33
4027154.32   34.34019 (18012309)
        258861.67   4027178.51   39.65634 (18012309)   258862.01

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4027202.71       45.03934  (18012309)
        258862.35   4027226.90       48.64702  (18012309)                258862.69
4027251.10       50.85812  (18012309)
        258863.03   4027275.30       50.19652  (18012309)                258761.68
4027179.92       41.19962  (18012309)
        258762.02   4027204.11       45.58177  (18012309)                258762.36
4027228.31       48.27912  (18012309)
        258762.70   4027252.50       48.44409  (18012309)                258763.04
4027276.70       46.02096  (18012309)
        258661.35   4027157.13       40.20328  (18012309)                258661.69
4027181.32       44.20169  (18012309)
        258662.03   4027205.52       46.94249  (18012309)                258662.37
4027229.71       47.70532  (18012309)
        258662.71   4027253.91       45.46162  (18012309)                258663.05
4027278.11       41.52495  (18012309)
        258462.05   4027208.33       43.01399  (18012309)                258462.39
4027232.52       40.60906  (18012309)
        258462.73   4027256.72       37.37543  (18012309)                258463.07
4027280.92       32.90335  (18012309)
        258262.07   4027211.14       38.12115  (18012309)                258262.41
4027235.33       34.59226  (18012309)
        258262.75   4027259.53       30.10404  (18012309)                258263.09
4027283.73       25.83834  (18012309)
        258062.43   4027238.14       28.30698  (18012309)                258062.77
4027262.34       23.59917  (18012309)
        258063.11   4027286.54       18.94646  (18012309)                257862.45
4027240.95       23.10139  (18012309)
        257862.79   4027265.15       18.94452  (18012309)                257863.13
4027289.35       16.34867  (18020509)
        259338.18   4027292.34       89.10880  (18121116)                259338.38
4027316.19      102.52214  (18121116)
        259338.58   4027340.05      102.19327  (18121116)                259313.18
4027292.55       87.16361  (18121116)
        259313.38   4027316.40       95.91114  (18121116)                259313.58
4027340.26       93.21173  (18121116)
        259288.18   4027292.76       80.60219  (18121116)                259288.38
4027316.61       86.24609  (18121116)
        259288.58   4027340.47       85.61395  (18121116)                259263.18
4027292.96       76.45673  (18121116)
        259263.38   4027316.82       79.14270  (18121116)                259263.58
4027340.68       78.27695  (18121116)
        259213.19   4027293.38       70.56206  (18121116)                259213.39
4027317.24       71.13702  (18121116)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE2A ***
INCLUDING SOURCE(S): PHASE2A ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
259213.59	4027341.10	66.87225	(21122109)	259163.19	4027293.80	63.98357	(18121116)
259163.39	4027317.66	62.54910	(18121116)	259163.59	4027341.52	59.44158	(21122109)
259113.19	4027294.22	57.78718	(18121116)	259113.39	4027318.08	56.11340	(18012309)
259113.59	4027341.94	53.67197	(21122109)	259063.39	4027318.50	53.01465	(18012309)
259063.59	4027342.35	48.61829	(21122109)	258963.39	4027319.34	45.91677	(18012309)
258963.59	4027343.19	40.21122	(21122109)	258863.40	4027320.17	40.18205	(18012309)
258863.60	4027344.03	34.13483	(21122109)	258763.40	4027321.01	35.53913	(18012309)
258763.60	4027344.87	29.44805	(21122109)	258663.40	4027321.85	30.57881	(18012309)
258663.60	4027345.71	25.54429	(21122109)	258463.41	4027323.53	22.91053	(18012309)
258463.61	4027347.38	19.74385	(21122109)	258263.42	4027325.20	17.63901	(21122109)
258263.62	4027349.06	15.64310	(21122109)	258063.43	4027326.88	15.07986	(18020509)
258063.63	4027350.74	13.08296	(18020509)	257863.43	4027328.56	13.65476	(18020509)
257863.63	4027352.41	11.78351	(18020509)	259339.22	4027365.21	97.77355	(20010709)
259339.86	4027389.95	103.14942	(20010709)	259340.50	4027414.68	107.10563	(20010709)
259341.13	4027439.41	107.30293	(20010709)	259341.77	4027464.14	95.48725	(20010709)
259342.40	4027488.87	82.67596	(20010709)	259343.04	4027513.60	71.16281	(20010709)
259343.68	4027538.33	60.87164	(19123109)	259344.31	4027563.06	57.61485	(19123109)
259344.95	4027587.80	53.69337	(19123109)	259345.58			

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4027612.53       49.84328  (19123109)
        259346.22   4027637.26       46.31078  (19123109)                259346.86
4027661.99       43.16814  (19123109)
        259347.49   4027686.72       40.21716  (19123109)                259348.13
4027711.45       37.19554  (19123109)
        259314.23   4027365.86       87.99547  (21122109)                259314.87
4027390.59       92.13199  (21120616)
        259315.50   4027415.32       95.61571  (21120616)                259316.14
4027440.05       93.87384  (20010709)
        259316.78   4027464.78       93.86796  (20010709)                259317.41
4027489.51       86.01052  (20010709)
        259318.05   4027514.24       75.95200  (20010709)                259318.68
4027538.98       66.22296  (20010709)
        259319.32   4027563.71       56.79619  (20010709)                259319.96
4027588.44       52.72553  (19123109)
        259320.59   4027613.17       50.38739  (19123109)                259321.23
4027637.90       47.60260  (19123109)
        259321.86   4027662.63       45.04717  (19123109)                259322.50
4027687.36       42.69248  (19123109)
        259323.14   4027712.10       40.12942  (19123109)                259289.24
4027366.50       81.09145  (21122109)
        259289.88   4027391.23       84.07310  (21120616)                259290.51
4027415.96       88.36762  (21120616)
        259291.15   4027440.69       80.09298  (20010709)                259291.78
4027465.42       83.05216  (20010709)
        259292.42   4027490.16       82.33761  (20010709)                259293.06
4027514.89       76.85756  (20010709)
        259293.69   4027539.62       69.58521  (20010709)                259294.33
4027564.35       62.12850  (20010709)
        259294.96   4027589.08       53.91927  (20010709)                259295.60
4027613.81       47.46864  (19123109)
        259296.24   4027638.54       46.11779  (19123109)                259296.87
4027663.28       44.54576  (19123109)
        259297.51   4027688.01       43.00032  (19123109)                259298.14
4027712.74       41.30050  (19123109)
        259264.25   4027367.14       75.22630  (21122109)                259264.89
4027391.87       78.22657  (21120616)
        259265.52   4027416.60       82.25370  (21120616)                259266.16
4027441.34       71.21337  (21120616)
        259266.79   4027466.07       71.57636  (20010709)                259267.43
4027490.80       73.84043  (20010709)
        259268.07   4027515.53       73.14184  (20010709)                259268.70
4027540.26       69.79133  (20010709)
        259269.34   4027564.99       64.65455  (20010709)                259269.97
4027589.72       57.99484  (20010709)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
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 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE2A ***
INCLUDING SOURCE(S): PHASE2A ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
259270.61	4027614.46	50.98544	(20010709)	259271.25	4027639.19	44.15471	(20010709)
259271.88	4027663.92	41.39274	(19123109)	259272.52	4027688.65	40.98170	(19123109)
259273.15	4027713.38	40.27517	(19123109)	259214.27	4027368.43	64.21158	(21122109)
259214.90	4027393.16	66.97117	(21120616)	259215.54	4027417.89	70.55281	(21120616)
259216.17	4027442.62	64.79578	(21120616)	259216.81	4027467.35	55.48599	(21120616)
259217.45	4027492.08	55.13924	(20010709)	259218.08	4027516.82	58.27068	(20010709)
259218.72	4027541.55	60.01016	(20010709)	259219.35	4027566.28	58.88323	(20010709)
259219.99	4027591.01	56.52435	(20010709)	259220.63	4027615.74	54.48443	(20010709)
259221.26	4027640.47	50.37493	(20010709)	259221.90	4027665.20	45.97393	(20010709)
259222.53	4027689.93	40.89989	(20010709)	259223.17	4027714.67	36.27316	(20010709)
259164.28	4027369.71	55.16953	(21122109)	259164.92	4027394.44	58.13463	(21120616)
259165.55	4027419.18	62.80485	(21120616)	259166.19	4027443.91	60.70651	(21120616)
259166.83	4027468.64	53.51779	(21120616)	259167.46	4027493.37	45.67799	(21120616)
259168.10	4027518.10	42.15800	(20010709)	259168.73	4027542.83	45.23808	(20010709)
259169.37	4027567.56	47.31907	(20010709)	259170.01	4027592.29	49.07032	(20010709)
259170.64	4027617.03	51.50851	(20010709)	259171.28	4027641.76	51.83467	(20010709)
259171.91	4027666.49	50.01823	(20010709)	259172.55			

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4027691.22       46.85255  (20010709)
        259173.19   4027715.95       42.95935  (20010709)                259114.30
4027371.00       48.44409  (21122109)
        259114.93   4027395.73       51.53592  (21120616)                259115.57
4027420.46       55.56120  (21120616)
        259116.21   4027445.19       55.31296  (21120616)                259116.84
4027469.92       50.79163  (21120616)
        259117.48   4027494.65       44.45371  (21120616)                259118.11
4027519.39       38.99583  (21120616)
        259118.75   4027544.12       34.42774  (21120616)                259119.39
4027568.85       37.21830  (20010709)
        259120.02   4027593.58       40.20481  (20010709)                259120.66
4027618.31       42.99163  (20010709)
        259121.29   4027643.04       45.22325  (20010709)                259121.93
4027667.77       46.42125  (20010709)
        259122.57   4027692.51       46.27942  (20010709)                259123.20
4027717.24       44.88984  (20010709)
        259064.32   4027372.28       42.81448  (21122109)                259064.95
4027397.02       46.37448  (21120616)
        259065.59   4027421.75       50.03852  (21120616)                259066.22
4027446.48       50.85397  (21120616)
        259066.86   4027471.21       48.31619  (21120616)                259067.50
4027495.94       43.72934  (21120616)
        259068.13   4027520.67       38.64545  (21120616)                259068.77
4027545.40       33.97678  (21120616)
        259069.40   4027570.13       29.46061  (21120616)                259070.04
4027594.87       29.85207  (20010709)
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4027644.33       35.71393  (20010709)
        259071.95   4027669.06       38.10587  (20010709)                259072.58
4027693.79       39.90669  (20010709)
        259073.22   4027718.52       40.97693  (20010709)                258964.35
4027374.85       34.61003  (21120616)
        258964.98   4027399.59       38.21328  (21120616)                258965.62
4027424.32       41.93136  (21120616)
        258966.26   4027449.05       44.19181  (21120616)                258966.89
4027473.78       43.78309  (21120616)
        258967.53   4027498.51       41.05098  (21120616)                258968.16
4027523.24       37.13750  (21120616)
        258968.80   4027547.97       32.95430  (21120616)                258969.44
4027572.71       28.79352  (21120616)
        258970.07   4027597.44       24.56240  (21120616)                258970.71
4027622.17       23.86682  (22121909)
        258971.34   4027646.90       22.69024  (22121909)                258971.98
4027671.63       21.17787  (22121909)
        258972.62   4027696.36       23.72214  (20010709)                258973.25
4027721.09       26.19202  (20010709)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE2A ***
INCLUDING SOURCE(S): PHASE2A ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
258864.38	4027377.43	30.09756	(21120616)	258865.02	4027402.16	32.99078	(21120616)
258865.65	4027426.89	36.02068	(21120616)	258866.29	4027451.62	38.18216	(21120616)
258866.93	4027476.35	38.74839	(21120616)	258867.56	4027501.08	37.65247	(21120616)
258868.20	4027525.81	35.01824	(21120616)	258868.83	4027550.54	31.80579	(21120616)
258869.47	4027575.28	28.26158	(21120616)	258870.11	4027600.01	24.51739	(21120616)
258870.74	4027624.74	21.54134	(22121909)	258871.38	4027649.47	21.54476	(22121909)
258872.01	4027674.20	21.07065	(22121909)	258872.65	4027698.93	20.22073	(22121909)
258873.29	4027723.66	19.04336	(22121909)	258764.41	4027380.00	26.98021	(21120616)
258765.05	4027404.73	29.37043	(21120616)	258765.69	4027429.46	31.83339	(21120616)
258766.32	4027454.19	33.82610	(21120616)	258766.96	4027478.92	34.79424	(21120616)
258767.59	4027503.65	34.45729	(21120616)	258768.23	4027528.38	32.96620	(21120616)
258768.87	4027553.12	30.59098	(21120616)	258769.50	4027577.85	27.61557	(21120616)
258770.14	4027602.58	24.33662	(21120616)	258770.77	4027627.31	20.88895	(21120616)
258771.41	4027652.04	18.68348	(22121909)	258772.05	4027676.77	19.06031	(22121909)
258772.68	4027701.50	19.09334	(22121909)	258773.32	4027726.23	18.77691	(22121909)
258664.45	4027382.57	24.11265	(21120616)	258665.08			

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4027456.76       30.18446  (21120616)
        258666.99   4027481.49       31.40959  (21120616)                258667.63
4027506.22       31.68632  (21120616)
        258668.26   4027530.95       30.89915  (21120616)                258668.90
4027555.69       29.13202  (21120616)
        258669.54   4027580.42       26.75606  (21120616)                258670.17
4027605.15       23.99876  (21120616)
        258670.81   4027629.88       21.00204  (21120616)                258671.44
4027654.61       17.84600  (21120616)
        258672.08   4027679.34       16.01976  (22121909)                258672.72
4027704.07       16.71991  (22121909)
        258673.35   4027728.81       17.13120  (22121909)                258464.51
4027387.71       19.63407  (21120616)
        258465.15   4027412.44       21.30554  (21120616)                258465.79
4027437.17       22.93368  (21120616)
        258466.42   4027461.90       24.42104  (21120616)                258467.06
4027486.63       25.69753  (21120616)
        258467.69   4027511.37       26.52019  (21120616)                258468.33
4027536.10       26.67307  (21120616)
        258468.97   4027560.83       26.09235  (21120616)                258469.60
4027585.56       24.82465  (21120616)
        258470.24   4027610.29       23.07759  (21120616)                258470.87
4027635.02       20.87600  (21120616)
        258471.51   4027659.75       18.38388  (21120616)                258472.15
4027684.48       15.75797  (21120616)
        258472.78   4027709.22       13.41748  (22122109)                258473.42
4027733.95       13.31997  (18121909)
        258264.58   4027392.85       16.21209  (21120616)                258265.22
4027417.58       17.65665  (21120616)
        258265.85   4027442.31       18.98113  (21120616)                258266.49
4027467.04       20.27863  (21120616)
        258267.12   4027491.78       21.47195  (21120616)                258267.76
4027516.51       22.31824  (21120616)
        258268.40   4027541.24       22.71951  (21120616)                258269.03
4027565.97       22.71488  (21120616)
        258269.67   4027590.70       22.41957  (21120616)                258270.30
4027615.43       21.54323  (21120616)
        258270.94   4027640.16       20.06640  (21120616)                258271.58
4027664.89       18.27671  (21120616)
        258272.21   4027689.63       16.25626  (21120616)                258272.85
4027714.36       14.07939  (21120616)
        258273.48   4027739.09       12.07892  (22122109)                258064.01
4027373.26       11.98172  (21120616)
        258064.65   4027397.99       13.30181  (21120616)                258065.28
4027422.72       14.63448  (21120616)
        258065.92   4027447.45       15.96505  (21120616)                258066.55
4027472.19       17.25324  (21120616)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A ***
                                 INCLUDING SOURCE(S):   PHASE2A   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        258067.19   4027496.92   18.42715 (21120616)   258067.83
4027521.65   19.37744 (21120616)
        258068.46   4027546.38   20.04515 (21120616)   258069.10
4027571.11   20.34868 (21120616)
        258069.73   4027595.84   20.23343 (21120616)   258070.37
4027620.57   19.73380 (21120616)
        258071.01   4027645.30   18.89935 (21120616)   258071.64
4027670.04   17.75199 (21120616)
        258072.28   4027694.77   16.29528 (21120616)   258072.91
4027719.50   14.59570 (21120616)
        258073.55   4027744.23   12.75628 (21120616)   257864.08
4027378.40   9.97887 (21120616)
        257864.71   4027403.13   11.19563 (21120616)   257865.35
4027427.86   12.39338 (21120616)
        257865.98   4027452.60   13.57013 (21120616)   257866.62
4027477.33   14.70427 (21120616)
        257867.26   4027502.06   15.74431 (21120616)   257867.89
4027526.79   16.75568 (21120616)
        257868.53   4027551.52   17.52258 (21120616)   257869.16
4027576.25   18.00518 (21120616)
        257869.80   4027600.98   18.19684 (21120616)   257870.44
4027625.72   18.10408 (21120616)
        257871.07   4027650.45   17.63937 (21120616)   257871.71
4027675.18   16.85187 (21120616)
        257872.34   4027699.91   15.81401 (21120616)   257872.98
4027724.64   14.58345 (21120616)
        257873.62   4027749.37   13.17269 (21120616)   259373.56
4027735.81   34.28840 (21010709)
        259396.16   4027735.41   32.72424 (21010709)   259418.75

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4027735.01       35.48910  (21010109)
        259441.35   4027734.61       35.77693  (21010109)                259463.95
4027734.22       37.88313  (18122409)
        259486.54   4027733.82       40.15496  (18122409)                259509.14
4027733.42       39.91929  (18122409)
        259531.74   4027733.02       38.85813  (20010709)                259554.33
4027732.62       43.24671  (20010709)
        259576.93   4027732.23       45.59259  (20010709)                259356.27
4027753.86       33.74432  (21010709)
        259396.60   4027760.40       31.09707  (21010109)                259419.19
4027760.01       33.93153  (21010109)
        259441.79   4027759.61       34.30516  (21010109)                259464.39
4027759.21       35.74499  (18122409)
        259486.98   4027758.81       38.46709  (18122409)                259509.58
4027758.42       38.65936  (18122409)
        259532.18   4027758.02       40.04310  (20010709)                259554.77
4027757.62       42.72751  (20010709)
        259577.37   4027757.22       43.82547  (20010709)                259356.71
4027778.86       32.13431  (21010709)
        259313.55   4027747.57       37.27147  (19123109)                259397.04
4027785.40       29.77014  (21010109)
        259419.63   4027785.00       32.48202  (21010109)                259442.23
4027784.61       32.99667  (21010109)
        259464.83   4027784.21       33.78370  (18122409)                259487.42
4027783.81       36.70244  (18122409)
        259510.02   4027783.41       37.50349  (20010709)                259532.62
4027783.01       39.67262  (20010709)
        259555.21   4027782.62       41.65529  (20010709)                259577.81
4027782.22       42.06029  (20010709)
        259357.15   4027803.85       30.75032  (21010709)                259321.69
4027789.98       31.86392  (19123109)
        259296.26   4027765.62       36.97489  (19123109)                259397.48
4027810.40       28.65828  (21010109)
        259420.07   4027810.00       31.22414  (21010109)                259442.67
4027809.60       31.74972  (21010109)
        259465.27   4027809.20       33.02681  (20010709)                259487.86
4027808.81       35.82167  (20010709)
        259510.46   4027808.41       37.44857  (20010709)                259533.06
4027808.01       38.37463  (20010709)
        259555.65   4027807.61       39.53504  (20010709)                259578.25
4027807.21       40.44574  (20010709)
        259358.03   4027853.85       28.26871  (21010709)                259322.57
4027839.97       29.56053  (21010709)
        259287.11   4027826.09       32.36276  (19123109)                259261.67
4027801.73       35.35109  (19123109)
        259246.27   4027766.91       36.35209  (19123109)                259398.36
4027860.39       27.26568  (20010709)
        259420.95   4027859.99       29.80597  (20010709)                259443.55
4027859.59       32.22455  (20010709)
        259466.15   4027859.20       34.30463  (20010709)                259488.74
```

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE2A ***
                                  INCLUDING SOURCE(S):   PHASE2A   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF OTHER   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

4027960.37 30.08882 (20010709)
259422.71 4027959.98 31.03192 (20010709) 259445.31
4027959.58 31.55725 (20010709)
259467.91 4027959.18 31.72602 (20010709) 259490.50
4027958.78 31.67480 (20010709)
259513.10 4027958.38 31.30631 (20010709) 259535.70
4027957.99 30.61269 (20010709)
259558.29 4027957.59 29.59831 (20010709) 259580.89
4027957.19 28.09198 (20010709)
259359.06 4028003.19 27.97547 (20010709) 259320.37
4027988.05 25.21375 (20010709)
259281.69 4027972.91 24.18765 (21010709) 259243.00
4027957.77 26.63915 (19123109)
259204.32 4027942.63 28.88942 (19123109) 259157.23
4027908.49 26.96321 (20011309)
259140.43 4027870.50 25.19844 (20010709) 259123.63
4027832.50 31.54965 (20010709)
259106.82 4027794.51 37.99636 (20010709) 259090.02
4027756.52 41.68397 (20010709)
259401.00 4028010.37 29.26544 (20010709) 259423.59
4028009.97 29.48883 (20010709)
259446.19 4028009.57 29.44389 (20010709) 259468.79
4028009.17 29.11210 (20010709)
259491.38 4028008.77 28.48396 (20010709) 259513.98
4028008.38 27.52596 (20010709)
259536.58 4028007.98 27.42581 (18122409) 259559.17
4028007.58 27.03760 (18122409)
259581.77 4028007.18 25.62161 (18122409) 259359.90
4028102.82 26.31102 (20010709)
259319.37 4028086.95 26.07202 (20010709) 259278.84
4028071.09 24.32393 (20010709)
259238.31 4028055.23 21.42780 (20010709) 259197.79
4028039.37 24.89731 (19123109)
259157.26 4028023.50 25.60962 (19123109) 259116.73
4028007.64 23.97715 (20011309)
259087.67 4027979.81 20.67664 (20011309) 259070.06
4027940.01 24.69168 (20010709)
259052.46 4027900.20 30.25985 (20010709) 259034.86
4027860.40 35.08095 (20010709)
259017.26 4027820.60 36.68424 (20010709) 258999.66
4027780.80 34.28893 (20010709)
259402.76 4028110.35 25.31877 (20010709) 259425.35
4028109.95 24.48910 (20010709)
259447.95 4028109.55 23.34960 (20010709) 259470.55
4028109.16 21.89121 (20010709)
259493.14 4028108.76 20.79904 (18122409) 259515.74
4028108.36 23.10769 (18122409)
259538.34 4028107.96 24.30433 (18122409) 259560.93
4028107.57 24.40285 (18122409)
259583.53 4028107.17 23.49516 (18122409) 259361.06

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4028202.57       21.49431  (20010709)
        259319.34   4028186.24       23.64386  (20010709)                259277.62
4028169.91       24.25130  (20010709)
↑ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 485
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2A  ***
                                  INCLUDING SOURCE(S):     PHASE2A     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
        259235.90   4028153.58       23.25927  (20010709)                259194.18
4028137.25       20.99234  (20010709)
        259152.46   4028120.92       23.17677  (19123109)                259110.74
4028104.59       22.59329  (19123109)
        259069.02   4028088.27       20.92559  (20011309)                259018.25
4028051.45       19.90980  (20010709)
        259000.13   4028010.48       24.06989  (20010709)                258982.01
4027969.50       28.66370  (20010709)
        258963.89   4027928.53       31.91683  (20010709)                258945.77
4027887.56       32.02479  (20010709)
        258927.65   4027846.58       29.04631  (20010709)                258909.53
4027805.61       24.01191  (20010709)
        258891.41   4027764.64       18.82447  (22122216)                259404.52
4028210.33       18.44154  (21010109)
        259427.11   4028209.94       19.56360  (21010109)                259449.71
4028209.54       19.78609  (21010109)
        259472.31   4028209.14       19.19760  (21010109)                259494.90
4028208.74       17.88234  (21010109)
        259517.50   4028208.35       19.95946  (18122409)                259540.10
4028207.95       21.42929  (18122409)
        259562.69   4028207.55       21.92271  (18122409)                259585.29
4028207.15       21.96986  (18122409)
        259363.42   4028302.79       14.40552  (20010709)                259322.89
4028286.92       18.12411  (20010709)
        259282.36   4028271.06       20.83784  (20010709)                259241.83
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4028255.20       22.23011  (20010709)
        259201.31   4028239.34       22.23627  (20010709)                259160.78
4028223.47       20.98358  (20010709)
        259120.25   4028207.61       21.12350  (19123109)                259079.72
4028191.75       20.68710  (19123109)
        259039.20   4028175.89       19.57284  (20011309)                258998.67
4028160.02       16.20835  (20010709)
        258949.34   4028124.26       19.48285  (20010709)                258931.74
4028084.46       23.02776  (20010709)
        258914.14   4028044.66       26.60359  (20010709)                258896.53
4028004.85       28.89481  (20010709)
        258878.93   4027965.05       28.96632  (20010709)                258861.33
4027925.25       26.49251  (20010709)
        258843.73   4027885.45       22.17612  (20010709)                258826.13
4027845.64       17.95658  (22122216)
        258808.52   4027805.84       16.15627  (22122209)                258790.92
4027766.04       17.62110  (22121909)
        259406.28   4028310.32       16.93560  (21010109)                259428.87
4028309.92       17.84368  (21010109)
        259451.47   4028309.52       17.97910  (21010109)                259474.07
4028309.13       17.42020  (21010109)
        259496.66   4028308.73       16.27140  (21010109)                259519.26
4028308.33       17.42398  (18122409)
        259541.86   4028307.93       18.99037  (18122409)                259564.45
4028307.53       20.43530  (18122409)
        259587.05   4028307.14       20.35160  (18122409)                259364.75
4028402.61       12.63423  (21010109)
        259323.38   4028386.41       12.39387  (21010709)                259282.01
4028370.22       15.26499  (20010709)
        259240.64   4028354.03       18.26923  (20010709)                259199.27
4028337.83       20.14388  (20010709)
        259157.90   4028321.64       20.67542  (20010709)                259116.52
4028305.45       20.05965  (20010709)
        259075.15   4028289.26       19.54988  (19123109)                259033.78
4028273.06       18.93206  (20011309)
        258992.41   4028256.87       17.37012  (20011309)                258951.04
4028240.68       15.41158  (20010709)
        258909.67   4028224.48       16.67141  (20010709)                258880.00
4028196.07       19.11644  (20010709)
        258862.03   4028155.44       22.20627  (20010709)                258844.06
4028114.81       24.97809  (20010709)
        258826.09   4028074.18       26.40101  (20010709)                258808.12
4028033.54       25.79587  (20010709)
        258790.15   4027992.91       23.07705  (20010709)                258772.18
4027952.28       18.87887  (20010709)
        258754.21   4027911.65       16.05079  (22122216)                258736.24
4027871.02       14.41891  (22122209)
        258718.27   4027830.39       15.65457  (22121909)                258700.30
4027789.75       16.96137  (22121909)
        259408.04   4028410.30       15.64196  (21010109)                259430.63
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4028409.91       16.37533  (21010109)
        259453.23   4028409.51       16.44786  (21010109)                259475.83
4028409.11       15.92042  (21010109)
        259498.42   4028408.71       14.92088  (21010109)                259521.02
4028408.31       15.28026  (18122409)
🌲 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 486
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2A  ***
                                  INCLUDING SOURCE(S):     PHASE2A     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        259543.62   4028407.92       16.92134  (18122409)                259566.21
4028407.52       17.89644  (18122409)
        259588.81   4028407.12       18.83585  (18122409)                259368.37
4028602.61       11.91194  (19123109)
        259327.19   4028586.49       11.48190  (20011309)                259286.01
4028570.37       11.04535  (21010709)
        259244.83   4028554.26       13.20131  (21010709)                259203.65
4028538.14       14.42107  (21010709)
        259162.46   4028522.02       13.94495  (21010709)                259121.28
4028505.90       15.76264  (20010709)
        259080.10   4028489.78       17.33164  (20010709)                259038.92
4028473.67       18.04694  (20010709)
        258997.74   4028457.55       17.75197  (20010709)                258956.56
4028441.43       16.69092  (20010709)
        258915.38   4028425.31       15.45482  (20010709)                258874.20
4028409.19       14.58979  (20010709)
        258833.02   4028393.07       14.50506  (20010709)                258791.83
4028376.96       15.40406  (20010709)
        258741.71   4028340.62       18.15014  (20010709)                258723.82
4028300.17       20.27352  (20010709)
        258705.94   4028259.73       21.82262  (20010709)                258688.05
4028219.28       22.19695  (20010709)
        258670.17   4028178.84       21.02756  (20010709)                258652.28
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4028138.39       18.52358  (20010709)
        258634.39   4028097.95       15.51317  (22122216)                258616.51
4028057.50       13.97849  (22122216)
        258598.62   4028017.06       12.47919  (22121909)                258580.73
4027976.61       12.77877  (22121909)
        258562.85   4027936.17       13.65494  (22121909)                258544.96
4027895.73       14.62119  (22121909)
        258527.08   4027855.28       15.06875  (22121909)                258509.19
4027814.84       14.60752  (22121909)
        258491.30   4027774.39       13.64562  (18121909)                259411.56
4028610.27       13.53450  (21010109)
        259434.15   4028609.88       13.97933  (21010109)                259456.75
4028609.48       13.94379  (21010109)
        259479.35   4028609.08       13.48704  (21010109)                259501.94
4028608.68       12.69157  (21010109)
        259524.54   4028608.28       11.82406  (18122409)                259547.14
4028607.89       13.39314  (18122409)
        259569.73   4028607.49       14.57782  (18122409)                259592.33
4028607.09       15.29340  (18122409)
        259371.95   4028802.60       10.92930  (19123109)                259330.89
4028786.53       10.96481  (19123109)
        259289.83   4028770.46       10.66862  (20011309)                259248.77
4028754.39       10.26209  (20011309)
        259207.71   4028738.32       11.66135  (21010709)                259166.65
4028722.25       12.57282  (21010709)
        259125.59   4028706.18       12.20792  (21010709)                259084.53
4028690.11       10.48357  (21010709)
        259043.47   4028674.04       11.82026  (19123109)                259002.40
4028657.96       13.85030  (20010709)
        258961.34   4028641.89       15.32114  (20010709)                258920.28
4028625.82       15.99033  (20010709)
        258879.22   4028609.75       15.88461  (20010709)                258838.16
4028593.68       15.22524  (20010709)
        258797.10   4028577.61       14.38330  (20010709)                258756.04
4028561.54       13.77173  (20010709)
        258714.98   4028545.47       13.73158  (20010709)                258673.92
4028529.39       14.39086  (20010709)
        258632.86   4028513.32       15.60332  (20010709)                258603.41
4028485.13       17.08048  (20010709)
        258585.58   4028444.80       18.40767  (20010709)                258567.74
4028404.47       19.12324  (20010709)
        258549.91   4028364.15       18.82259  (20010709)                258532.08
4028323.82       17.45658  (20010709)
        258514.24   4028283.49       15.14604  (20010709)                258496.41
4028243.17       13.46762  (22122216)
        258478.57   4028202.84       12.33429  (22122216)                258460.74
4028162.51       11.77468  (22121909)
        258442.91   4028122.19       11.57006  (22121909)                258425.07
4028081.86       11.66086  (22121909)
        258407.24   4028041.54       12.17211  (22121909)                258389.40
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4028001.21   12.85718 (22121909)
        258371.57   4027960.88   13.26820 (22121909)   258353.74
4027920.56   13.08702 (22121909)
        258335.90   4027880.23   12.54755 (18012609)   258318.07
4027839.90   12.36260 (18012609)
        258300.23   4027799.58   11.99469 (18012609)   259415.08
4028810.24   11.88121 (21010109)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A ***
                                  INCLUDING SOURCE(S):   PHASE2A   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        259437.67   4028809.84   12.17436 (21010109)   259460.27
4028809.45   12.09298 (21010109)
        259482.87   4028809.05   11.68566 (21010109)   259505.46
4028808.65   11.02993 (21010109)
        259528.06   4028808.25   10.22206 (21010109)   259550.66
4028807.86   10.71183 (18122409)
        259573.25   4028807.46   11.89457 (18122409)   259595.85
4028807.06   12.77374 (18122409)
        259375.05   4029002.41   9.45483 (21010109)   259354.09
4028994.21   9.25515 (19123109)
        259333.14   4028986.00   9.59914 (19123109)   259312.18
4028977.80   9.83023 (19123109)
        259291.23   4028969.60   9.94612 (19123109)   259249.32
4028953.20   9.83417 (19123109)
        259228.36   4028945.00   9.64516 (20011309)   259207.41
4028936.79   9.59090 (20011309)
        259186.46   4028928.59   9.97966 (21010709)   259144.55
4028912.19   11.00041 (21010709)
        259123.59   4028903.99   11.18023 (21010709)   259102.64
4028895.79   11.08099 (21010709)
        259081.68   4028887.58   10.67283 (21010709)   259039.77

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4028871.18        9.08160  (21010709)
        259018.82   4028862.98        9.57961  (19123109)                258997.87
4028854.78       10.22464  (19123109)
        258976.91   4028846.58       10.92228  (19123109)                258935.00
4028830.17       12.20888  (19123109)
        258914.05   4028821.97       12.65830  (19123109)                258893.09
4028813.77       12.89622  (19123109)
        258872.14   4028805.57       12.88401  (19123109)                258851.18
4028797.37       13.39228  (20010709)
        258809.27   4028780.96       14.21687  (20010709)                258788.32
4028772.76       14.37476  (20010709)
        258767.37   4028764.56       14.38678  (20010709)                258746.41
4028756.36       14.27190  (20010709)
        258704.50   4028739.96       13.78929  (20010709)                258683.55
4028731.75       13.50588  (20010709)
        258662.59   4028723.55       13.24705  (20010709)                258641.64
4028715.35       13.04865  (20010709)
        258599.73   4028698.95       13.00277  (20010709)                258578.77
4028690.75       13.17846  (20010709)
        258557.82   4028682.55       13.46517  (20010709)                258536.87
4028674.34       13.85041  (20010709)
        258494.96   4028657.94       14.90350  (20010709)                258464.90
4028629.16       15.92084  (20010709)
        258455.80   4028608.58       16.35810  (20010709)                258437.60
4028567.42       16.82110  (20010709)
        258428.50   4028546.84       16.77646  (20010709)                258410.29
4028505.68       16.04420  (20010709)
        258401.19   4028485.10       15.35551  (20010709)                258382.99
4028443.94       13.44123  (20010709)
        258373.89   4028423.36       12.27890  (20010709)                258355.69
4028382.20       11.79083  (22122216)
        258346.59   4028361.62       11.35822  (22122216)                258328.38
4028320.46       10.58306  (22121909)
        258310.18   4028279.30       10.87361  (22121909)                258291.98
4028238.14       10.83955  (22121909)
        258282.88   4028217.56       10.81107  (22121909)                258264.67
4028176.40       10.88215  (22121909)
        258255.57   4028155.83       11.02936  (22121909)                258237.37
4028114.67       11.46205  (22121909)
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4028052.93       11.89993  (22121909)
        258200.97   4028032.35       11.84654  (22121909)                258182.76
4027991.19       11.34870  (18012609)
        258173.66   4027970.61       11.84230  (18012609)                258155.46
4027929.45       12.22340  (18012609)
        258146.36   4027908.87       12.20791  (18012609)                258128.16
4027867.71       12.02552  (18012609)
        258109.95   4027826.55       11.45552  (18012609)                258091.75
4027785.39       10.93459  (22122109)
        259418.60   4029010.21       10.55849  (21010109)                259441.19
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A ***
                                INCLUDING SOURCE(S):   PHASE2A   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
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- -
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4029137.10   9.09566 (19123109)
        259170.06   4029120.77   8.95837 (19123109)   259128.34
4029104.44   9.56275 (21010709)
        259086.63   4029088.11   10.01168 (21010709)   259044.91
4029071.78   9.60402 (21010709)
        259003.19   4029055.45   8.31916 (21010709)   258961.47
4029039.12   8.90581 (19123109)
        258919.75   4029022.79   9.91322 (19123109)   258878.03
4029006.47   10.91773 (19123109)
        258836.31   4028990.14   11.53886 (19123109)   258794.59
4028973.81   11.42451 (19123109)
        258752.87   4028957.48   11.43713 (20010709)   258711.15
4028941.15   12.49676 (20010709)
        258669.43   4028924.82   13.02992 (20010709)   258627.71
4028908.49   13.07848 (20010709)
        258585.99   4028892.16   12.82411 (20010709)   258544.27

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        258502.55   4028859.51       12.35726  (20010709)                258460.83
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        258419.12   4028826.85       13.03312  (20010709)                258377.40
4028810.52       13.77514  (20010709)
        258326.62   4028773.70       14.70892  (20010709)                258308.50
4028732.73       15.01399  (20010709)
        258290.38   4028691.76       14.74100  (20010709)                258272.26
4028650.78       13.81703  (20010709)
        258254.14   4028609.81       12.29978  (20010709)                258236.02
4028568.84       10.82051  (22122216)
        258217.90   4028527.86       10.53744  (22122216)                258199.78
4028486.89        9.66711  (22122216)
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4028404.94        9.72224  (22121909)
        258145.42   4028363.97       10.03582  (22121909)                258127.30
4028323.00       10.10791  (22121909)
        258109.18   4028282.02       10.15429  (22121909)                258091.06
4028241.05       10.33167  (22121909)
        258072.94   4028200.08       10.59718  (22121909)                258054.82
4028159.10       10.78342  (22121909)
        258036.70   4028118.13       10.66751  (22121909)                258018.58
4028077.16       10.13542  (18121909)
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4027995.21       11.82088  (18012609)
        257964.22   4027954.24       11.90761  (18012609)                257946.10
4027913.26       11.62985  (18012609)
        257927.98   4027872.29       11.21986  (18012609)                257909.86
4027831.32       10.56817  (18012609)
        257891.74   4027790.35       10.50963  (21120616)                259422.12
4029210.18        9.47152  (21010109)
        259444.71   4029209.78        9.58105  (21010109)                259467.31
4029209.38        9.47856  (21010109)
        259489.91   4029208.99        9.19514  (21010109)                259512.50
4029208.59        8.77741  (21010109)
        259535.10   4029208.19        8.28426  (21010109)                259557.70
4029207.79        7.78033  (21010109)
        259580.29   4029207.40        8.09255  (18122409)                259602.89
4029207.00        8.96732  (18122409)
        259621.33   4027730.68       47.07545  (20010709)                259665.29
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        259709.26   4027727.61       47.06448  (20010709)                259600.22
4027756.43       44.34895  (20010709)
        259644.18   4027754.90       44.72388  (20010709)                259688.15
4027753.36       43.88604  (20010709)
        259732.11   4027751.83       42.95642  (20010709)                259601.09
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        259645.05   4027779.88       42.49924  (20010709)                259689.02
4027778.35       40.88537  (20010709)
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259895.93 4027742.84 61.76937 (22122009) 259757.74
4027775.47 39.29804 (18123109)
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4027796.60 39.63728 (18123109)
259852.15 4027795.32 39.76691 (22122009) 259875.41

        259857.63   4027895.17   34.40744 (18123109)   259880.89
4027893.90   34.56433 (18123109)
        259904.15   4027892.62   34.02719 (18123109)   259767.34
4027950.21   21.73677 (19123109)
        259790.60   4027948.93   22.01820 (18123109)   259813.86
4027947.65   25.28730 (18123109)
        259837.12   4027946.38   28.03041 (18123109)   259860.38
4027945.10   30.48568 (18123109)
        259883.64   4027943.82   32.14504 (18123109)   259906.90
4027942.54   32.52196 (18123109)
        259770.08   4028000.13   19.65083 (19123109)   259793.34
4027998.85   18.65237 (19123109)
        259816.60   4027997.58   20.43413 (18123109)   259839.86
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        259863.12   4027995.02   26.58402 (18123109)   259886.38

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4028097.43       16.05130  (20010609)
        259845.34   4028096.15       15.55135  (18122409)                259868.60
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4028092.32       23.20783  (18123109)
        259781.04   4028199.83       20.08983  (20010609)                259804.30
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4028299.68       20.12622  (20010609)
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4028294.57       13.32871  (20010609)
        259902.82   4028293.29       13.23219  (18122409)                259926.08
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        259792.01   4028399.53       18.60098  (20010609)                259815.27
4028398.25       18.50163  (20010609)
        259838.53   4028396.98       17.06882  (20010609)                259861.79
4028395.70       15.20173  (20010609)
        259885.05   4028394.42       13.39305  (20010609)                259908.31
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        259931.57   4028391.87       12.05185  (18122409)                259802.97
4028599.23       15.48238  (20010609)
        259826.23   4028597.95       15.94888  (20010609)                259849.49
4028596.67       15.92957  (20010609)
        259872.75   4028595.40       15.50900  (20010609)                259896.01
4028594.12       14.80608  (20010609)
        259919.27   4028592.84       13.95511  (20010609)                259942.53
4028591.57       13.09129  (20010609)
        259813.94   4028798.93       11.72388  (20010609)                259837.20
4028797.65       12.78479  (20010609)
        259860.46   4028796.37       13.51390  (20010609)                259883.72
4028795.10       13.88023  (20010609)
        259906.98   4028793.82       13.88657  (20010609)                259930.24
4028792.54       13.59179  (20010609)
        259953.50   4028791.27       13.08780  (20010609)                259801.64
4028999.90        9.15100  (18122409)
        259824.90   4028998.63        8.42109  (20010609)                259848.16
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4029194.50        8.79820  (20010609)
        259928.91   4029193.22       10.08848  (20010609)                 259952.17
4029191.94       10.91455  (20010609)
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4027715.52       81.16949  (20010809)
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4027714.33       83.52239  (20010809)
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 491
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2A  ***
                                  INCLUDING SOURCE(S):     PHASE2A     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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259990.42 4027890.47 44.01662 (22122009) 260013.43
4027889.87 47.85238 (22122009)
260036.44 4027889.27 51.27671 (22122009) 260059.45
4027888.68 54.37445 (22122009)
260082.46 4027888.08 56.84270 (22122009) 260105.47
4027887.48 58.50207 (22122009)
260128.48 4027886.89 59.20146 (22122009) 260151.49
4027886.29 59.11765 (20010809)
260174.50 4027885.69 60.53440 (20010809) 259945.69
4027941.64 31.74184 (18123109)
259968.70 4027941.05 30.94843 (18123109) 259991.71

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4027940.45       34.53602  (22122009)
        260014.72   4027939.85       38.48786  (22122009)                260037.74
4027939.26       42.19747  (22122009)
        260060.75   4027938.66       45.63422  (22122009)                260083.76
4027938.06       48.73622  (22122009)
        260106.77   4027937.47       51.38621  (22122009)                260129.78
4027936.87       53.44327  (22122009)
        260152.79   4027936.27       54.79835  (22122009)                260175.80
4027935.68       55.37787  (22122009)
        259946.99   4027991.63       30.60696  (18123109)                259970.00
4027991.03       30.21005  (18123109)
        259993.01   4027990.43       29.54736  (18123109)                260016.02
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        260039.03   4027989.24       33.22069  (22122009)                260062.04
4027988.64       36.87473  (22122009)
        260085.05   4027988.05       40.33578  (22122009)                260108.06
4027987.45       43.50777  (22122009)
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                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2A  ***
                                  INCLUDING SOURCE(S):     PHASE2A     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        260131.07   4027986.85       46.28555  (22122009)                260154.09
4027986.26       48.60855  (22122009)
        260177.10   4027985.66       50.30734  (22122009)                259949.58
4028091.59       25.90741  (18123109)
        259972.59   4028091.00       26.94340  (18123109)                259995.60
4028090.40       27.36728  (18123109)
        260018.61   4028089.80       27.32086  (18123109)                260041.62
4028089.21       26.97923  (18123109)
        260064.63   4028088.61       26.45807  (18123109)                260087.65
4028088.01       25.85861  (18123109)
        260110.66   4028087.42       27.83265  (22122009)                260133.67
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4028190.96       20.93992  (18123109)
        259998.19   4028190.37       22.75239  (18123109)                260021.20
4028189.77       23.96830  (18123109)
        260044.22   4028189.17       24.63053  (18123109)                260067.23
4028188.58       24.88295  (18123109)
        260090.24   4028187.98       24.85188  (18123109)                260113.25
4028187.38       24.51374  (18123109)
        260136.26   4028186.79       23.99290  (18123109)                260159.27
4028186.19       23.40419  (18123109)
        260182.28   4028185.59       23.31977  (22122009)                259954.76
4028291.53       13.14297  (18122409)
        259977.78   4028290.93       13.67880  (18123109)                260000.79
4028290.33       16.36387  (18123109)
        260023.80   4028289.74       18.62625  (18123109)                260046.81
4028289.14       20.47195  (18123109)
        260069.82   4028288.54       21.85845  (18123109)                260092.83
4028287.95       22.72985  (18123109)
        260115.84   4028287.35       23.07201  (18123109)                260138.85
4028286.75       23.00909  (18123109)
        260161.86   4028286.16       22.73266  (18123109)                260184.87
4028285.56       22.27398  (18123109)
        259957.36   4028391.49       12.07992  (18122409)                259980.37
4028390.89       12.05767  (18122409)
        260003.38   4028390.30       12.04257  (18122409)                260026.39
4028389.70       12.08927  (20010609)
        260049.40   4028389.10       13.93970  (18123109)                260072.41
4028388.51       16.10885  (18123109)
        260095.42   4028387.91       18.04720  (18123109)                260118.43
4028387.31       19.61518  (18123109)
        260141.44   4028386.72       20.63308  (18123109)                260164.45
4028386.12       20.68951  (18123109)
        260187.46   4028385.52       21.01693  (18123109)                259985.55
4028590.83       11.86050  (20010609)
        260008.56   4028590.23       11.48829  (20010609)                260031.57
4028589.63       11.30515  (20010609)
        260054.58   4028589.04       11.27839  (20010609)                260077.59
4028588.44       11.34564  (20010609)
        260100.61   4028587.84       11.43526  (20010609)                260123.62
4028587.25       11.53575  (20010609)
        260146.63   4028586.65       11.59287  (20010609)                260169.64
4028586.05       12.63331  (18123109)
        260192.65   4028585.46       14.10755  (18123109)                259990.74
4028790.76       12.13960  (20010609)
        260013.75   4028790.16       11.56732  (20010609)                260036.76
4028789.57       11.07865  (20010609)
        260059.77   4028788.97       10.72777  (20010609)                260082.78
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        260105.79   4028787.78   10.39575 (20010609)   260128.80
4028787.18   10.36957 (20010609)
        260151.81   4028786.58   10.38868 (20010609)   260174.82
4028785.99   10.40958 (20010609)
        260197.83   4028785.39   10.39457 (20010609)   259995.92
4028990.69   12.30266 (20010609)
        260018.93   4028990.10   11.75089 (20010609)   260041.94
4028989.50   11.12074 (20010609)
        260064.95   4028988.90   10.54294 (20010609)   260087.96
4028988.31   10.01326 (20010609)
        260110.97   4028987.71   9.64719 (20010609)   260133.98
4028987.11   9.47561 (20010609)
        260157.00   4028986.52   9.38982 (20010609)   260180.01
4028985.92   9.55816 (20010609)
        260203.02   4028985.32   9.51533 (20010609)   260001.10
4029190.63   11.56321 (20010609)
        260024.11   4029190.03   11.52010 (20010609)   260047.13
4029189.43   11.26828 (20010609)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A ***
                                 INCLUDING SOURCE(S):   PHASE2A   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        260070.14   4029188.84   10.85501 (20010609)   260093.15
4029188.24   10.32474 (20010609)
        260116.16   4029187.64   9.76138 (20010609)   260139.17
4029187.05   9.27023 (20010609)
        260162.18   4029186.45   8.91508 (20010609)   260185.19
4029185.85   8.68983 (20010609)
        260208.20   4029185.26   8.69362 (20010609)   260190.44
4027695.65   92.66031 (20121609)
        260195.46   4027670.19   97.20824 (20121609)   260214.10

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4027700.10       91.90965  (20121609)
        260192.81   4027726.50       83.83357  (20121609)                260220.40
4027671.92       94.98994  (20121609)
        260238.40   4027703.19       90.66832  (20121609)                260226.93
4027727.68       85.83218  (20121609)
        260208.71   4027745.13       79.04810  (20121609)                260245.34
4027673.65       90.90946  (20121609)
        260262.96   4027705.74       88.44313  (20121609)                260250.72
4027731.86       85.36331  (20121609)
        260225.17   4027763.53       74.44040  (20121609)                260198.54
4027774.63       66.07604  (20121609)
        260270.28   4027675.38       85.97349  (20121609)                260312.40
4027710.13       80.73981  (20121609)
        260299.29   4027738.12       82.63920  (20121609)                260286.18
4027766.11       78.61132  (20121609)
        260258.80   4027800.04       65.82164  (20121609)                260230.27
4027811.93       60.66011  (20010809)
        260201.74   4027823.82       63.68719  (20010809)                260320.16
4027678.84       73.13626  (20121609)
        260362.04   4027714.11       69.92999  (20121609)                260348.44
4027743.14       76.21649  (20121609)
        260334.84   4027772.16       76.78881  (20121609)                260321.24
4027801.19       72.18509  (20121609)
        260292.85   4027836.38       58.82321  (20121609)                260263.26
4027848.71       57.71965  (20010809)
        260233.68   4027861.03       60.45576  (20010809)                260204.09
4027873.36       61.69412  (20010809)
        260370.04   4027682.30       59.40013  (20121609)                260411.77
4027717.90       58.18485  (20121609)
        260397.86   4027747.59       67.64778  (20121609)                260383.95
4027777.27       72.79374  (20121609)
        260370.04   4027806.96       72.07534  (20121609)                260356.13
4027836.64       66.20839  (20121609)
        260327.10   4027872.63       52.58055  (20121609)                260296.84
4027885.24       55.02143  (20010809)
        260266.58   4027897.85       57.56300  (20010809)                260236.32
4027910.46       58.55636  (20010809)
        260206.06   4027923.07       57.11048  (20010809)                260419.92
4027685.76       48.11452  (20121609)
        260461.54   4027721.59       47.32692  (20121609)                260447.42
4027751.73       57.31741  (20121609)
        260433.30   4027781.87       65.54143  (20121609)                260419.17
4027812.01       69.07772  (20121609)
        260405.05   4027842.16       67.00762  (20121609)                260390.93
4027872.30       60.31538  (20121609)
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4027947.25       55.67609  (20010809)
        260238.55   4027960.05       53.81456  (20010809)                260207.82
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        260546.76   4027759.54       39.55905  (20121609)                260532.36
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        260517.96   4027821.00       56.16890  (20121609)                260503.57
4027851.73       61.24225  (20121609)
        260489.17   4027882.47       61.90831  (20121609)                260474.77
4027913.20       57.98199  (20121609)
        260460.37   4027943.93       50.67504  (20121609)                260430.31
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        260336.32   4028020.35       50.65768  (20010809)                260305.00
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        260273.67   4028046.46       48.02993  (22122009)                260242.34
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4027696.14       23.14360  (20121609)
        260660.84   4027735.91       17.51727  (20121609)                260646.27
4027767.01       25.14514  (20121609)
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 494
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2A  ***
                                 INCLUDING SOURCE(S):     PHASE2A     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        260631.70   4027798.10       33.04682  (20121609)                260617.12
4027829.20       40.98334  (20121609)
        260602.55   4027860.30       48.55059  (20121609)                260587.98
4027891.40       54.19073  (20121609)
        260573.41   4027922.50       56.55475  (20121609)                260558.84
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        260544.27   4027984.69       49.35924  (20121609)                260529.70
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4028015.79       41.81725  (20121609)
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        260435.88   4028079.91       46.34102  (20010809)                260404.18
4028093.12       46.18157  (20010809)
        260372.48   4028106.33       44.34953  (20010809)                260340.78
4028119.54       44.19046  (22122009)
        260309.08   4028132.75       42.39067  (22122009)                260277.38
4028145.96       39.03861  (22122009)
        260245.68   4028159.17       34.43162  (22122009)                260213.98
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        260716.48   4027836.99       27.58011  (20121609)                260701.79
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        260687.10   4027899.69       42.52186  (20121609)                260672.42
4027931.03       48.38586  (20121609)
        260657.73   4027962.38       51.61814  (20121609)                260643.04
4027993.73       51.44634  (20121609)
        260628.35   4028025.07       47.96353  (20121609)                260613.67
4028056.42       42.07888  (20121609)
        260598.98   4028087.77       34.74539  (20121609)                260568.32
4028125.77       38.81153  (20010809)
        260536.36   4028139.09       41.38038  (20010809)                260504.41
4028152.40       42.66692  (20010809)
        260472.46   4028165.72       42.52496  (20010809)                260440.50
4028179.03       40.99201  (22122009)
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4028232.30       32.11264  (22122009)
        260280.73   4028245.61       27.27190  (22122009)                260248.78
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        260216.83   4028272.24       21.35661  (18123109)                260769.08
4027709.98       12.66805  (22011309)
        260860.50   4027749.44       12.27202  (22011309)                260846.22
4027779.91       11.21510  (22011309)
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4027962.77       41.46163  (20121609)
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        260717.71   4028054.20       46.94599  (20121609)                260703.43
4028084.67       43.54120  (20121609)
        260689.15   4028115.15       38.17100  (20121609)                260674.87
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261259.37 4027777.49 12.78673 (18121109) 261244.73
4027808.73 10.45468 (22011309)
261230.10 4027839.96 11.14532 (22011309) 261215.46
4027871.19 10.97516 (22011309)
261200.83 4027902.43 9.91544 (22011309) 261186.20
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4027996.13 7.00100 (20121609)
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4028058.59 14.95899 (20121609)
261113.03 4028089.83 19.81958 (20121609) 261098.39
4028121.06 24.81683 (20121609)
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4028183.53 33.11640 (20121609)
261054.49 4028214.76 35.47398 (20121609) 261039.86
4028245.99 36.21419 (20121609)
261025.23 4028277.23 35.08129 (20121609) 261010.59
4028308.46 32.31246 (20121609)
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4028433.39 24.39936 (20010809)
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        260818.67   4028526.68   30.23213 (20010809)   260786.83
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4028566.48   29.31973 (22122009)
        260691.32   4028579.75   27.86080 (22122009)   260659.48
4028593.02   26.31495 (22122009)
        260627.64   4028606.28   22.72969 (22122009)   260595.81
4028619.55   19.48741 (22122009)
        260563.97   4028632.82   16.00483 (22122009)   260532.13
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4028672.62   16.58721 (18123109)
        260436.62   4028685.89   16.98528 (18123109)   260404.78
4028699.15   17.01026 (18123109)
        260372.94   4028712.42   16.57592 (18123109)   260341.10
4028725.69   15.57858 (18123109)
        260309.27   4028738.96   13.95248 (18123109)   260277.43
4028752.22   12.10492 (18123109)
        260245.59   4028765.49   10.28381 (20010609)   261267.88
4027744.58   16.76293 (18121109)
        261458.97   4027791.15   15.41804 (18121109)   261444.51
4027822.03   11.74565 (18121109)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE2A ***
                                   INCLUDING SOURCE(S):   PHASE2A   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                         ** CONC OF OTHER   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
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4027945.51       10.12230  (22011309)
        261372.18   4027976.39        8.89133  (22011309)                261357.72
4028007.26        7.21683  (22011309)
        261343.26   4028038.13        5.36842  (22011309)                261328.79
4028069.00        5.65470  (20112009)
        261314.33   4028099.87        6.97698  (20121609)                261299.86
4028130.74       10.15500  (20121609)
        261285.40   4028161.62       13.93456  (20121609)                261270.93
4028192.49       18.08090  (20121609)
        261256.47   4028223.36       22.26320  (20121609)                261242.00
4028254.23       26.08458  (20121609)
        261227.54   4028285.10       29.15060  (20121609)                261213.07
4028315.98       31.21460  (20121609)
        261198.61   4028346.85       32.03660  (20121609)                261184.15
4028377.72       31.41908  (20121609)
        261169.68   4028408.59       29.44421  (20121609)                261155.22
4028439.46       26.49246  (20121609)
        261140.75   4028470.34       22.83908  (20121609)                261126.29
4028501.21       18.89137  (20121609)
        261111.82   4028532.08       18.84195  (20010809)                261097.36
4028562.95       21.43471  (20010809)
        261082.89   4028593.82       23.66657  (20010809)                261052.69
4028631.25       26.12789  (20010809)
        261021.23   4028644.37       27.15957  (20010809)                260989.76
4028657.48       27.48052  (20010809)
        260958.29   4028670.59       27.02051  (20010809)                260926.82
4028683.71       26.40311  (22122009)
        260895.35   4028696.82       26.78935  (22122009)                260863.88
4028709.94       26.47230  (22122009)
        260832.41   4028723.05       25.45147  (22122009)                260800.94
4028736.16       23.78407  (22122009)
        260769.47   4028749.28       21.56091  (22122009)                260738.00
4028762.39       18.89696  (22122009)
        260706.53   4028775.50       15.92409  (22122009)                260675.06
4028788.62       13.15071  (18123109)
        260643.59   4028801.73       13.91193  (18123109)                260612.12
4028814.85       14.56978  (18123109)
        260580.65   4028827.96       15.10453  (18123109)                260549.18
4028841.07       15.44852  (18123109)
        260517.71   4028854.19       15.51533  (18123109)                260486.24
4028867.30       15.28925  (18123109)
        260454.77   4028880.41       14.61177  (18123109)                260423.30
4028893.53       13.46664  (18123109)
        260391.83   4028906.64       11.90315  (18123109)                260360.37
4028919.75       10.03408  (18123109)
        260328.90   4028932.87        8.96760  (20010609)                260297.43
4028945.98        9.31172  (20010609)
        260265.96   4028959.10        9.47929  (20010609)                260234.49
4028972.21        9.52585  (20010609)
        261467.40   4027758.42       18.37196  (18121109)                261658.44
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4027805.11   16.94646 (18121109)
        261643.87   4027836.20   14.24006 (18121109)   261629.30
4027867.30   11.04481 (18121109)
        261614.73   4027898.40   8.87027 (22011309)   261600.16
4027929.50   9.88289 (22011309)
        261585.59   4027960.60   10.26682 (22011309)   261571.02
4027991.69   9.96658 (22011309)
        261556.45   4028022.79   9.04086 (22011309)   261541.88
4028053.89   7.65248 (22011309)
        261527.30   4028084.99   6.02079 (22011309)   261512.73
4028116.09   4.41917 (22011309)
        261498.16   4028147.19   5.21098 (20112009)   261483.59
4028178.28   6.05772 (20112009)
        261469.02   4028209.38   7.43816 (20121609)   261454.45
4028240.48   10.40810 (20121609)
        261439.88   4028271.58   13.81976 (20121609)   261425.31
4028302.68   17.44284 (20121609)
        261410.74   4028333.77   20.99791 (20121609)   261396.17
4028364.87   24.16899 (20121609)
        261381.60   4028395.97   26.70971 (20121609)   261367.03
4028427.07   28.27185 (20121609)
        261352.46   4028458.17   28.69984 (20121609)   261337.89
4028489.27   27.92563 (20121609)
        261323.32   4028520.36   26.14066 (20121609)   261308.75
4028551.46   23.57398 (20121609)
        261294.18   4028582.56   20.37535 (20121609)   261279.61
4028613.66   16.92731 (20121609)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A ***
                                 INCLUDING SOURCE(S):   PHASE2A   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        261265.04   4028644.76   15.20015 (20010809)   261250.47

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4028675.85       17.62789  (20010809)
        261235.90   4028706.95       19.82368  (20010809)                261221.32
4028738.05       21.72053  (20010809)
        261190.90   4028775.75       23.77371  (20010809)                261159.20
4028788.96       24.58394  (20010809)
        261127.50   4028802.17       24.74619  (20010809)                261095.80
4028815.38       24.26100  (20010809)
        261064.10   4028828.59       23.81852  (22122009)                261032.40
4028841.80       25.21853  (22122009)
        261000.70   4028855.01       25.14878  (22122009)                260969.00
4028868.22       24.27580  (22122009)
        260937.30   4028881.43       22.85187  (22122009)                260905.60
4028894.64       20.65343  (22122009)
        260873.90   4028907.85       18.00807  (22122009)                260842.20
4028921.06       15.15308  (22122009)
        260810.50   4028934.27       12.30249  (22122009)                260778.80
4028947.48       11.92383  (18123109)
        260747.10   4028960.69       12.66235  (18123109)                260715.40
4028973.90       13.29917  (18123109)
        260683.70   4028987.11       13.86504  (18123109)                260652.00
4029000.32       14.35145  (18123109)
        260620.30   4029013.53       14.60580  (18123109)                260588.60
4029026.74       14.53399  (18123109)
        260556.90   4029039.95       13.96599  (18123109)                260525.20
4029053.16       12.45673  (18123109)
        260493.50   4029066.37       11.15120  (18123109)                260461.80
4029079.58        9.54676  (18123109)
        260430.10   4029092.79        7.79496  (18123109)                260398.40
4029106.00        7.88800  (20010609)
        260366.70   4029119.21        8.32313  (20010609)                260335.00
4029132.42        8.59888  (20010609)
        260303.30   4029145.63        8.77195  (20010609)                260271.60
4029158.84        8.85919  (20010609)
        260239.90   4029172.05        8.92651  (20010609)                261666.92
4027772.26       18.74197  (18121109)
        260195.10   4027643.19       99.75918  (20121609)                260194.68
4027618.34       98.37530  (20121609)
        260194.26   4027593.49       91.65191  (20121609)                260193.84
4027568.64       81.36022  (20121609)
        260193.42   4027543.79       69.93801  (20121609)                260193.01
4027518.94       62.15733  (20121609)
        260192.59   4027494.09       59.93727  (20121609)                260192.17
4027469.24       73.16308  (22121609)
        260191.75   4027444.39       91.30439  (22121609)                260191.33
4027419.55      131.80422  (22121609)
        260190.91   4027394.70      144.94632  (22121609)                260190.50
4027369.85      133.84340  (22121609)
        260190.08   4027345.00       84.79389  (22121609)                260189.66
4027320.15       58.76130  (21122009)
        260189.24   4027295.30       58.91514  (19121116)                260188.82
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4027270.45       58.88635  (19121116)
        260188.40   4027245.60       58.36946  (19121116)                260187.99
4027220.75       57.48457  (19121116)
        260187.57   4027195.90       55.56244  (19121116)                260187.15
4027171.05       53.08877  (19121116)
        260186.73   4027146.20       51.09742  (19121116)                260186.31
4027121.35       48.35751  (19121116)
        260185.89   4027096.50       45.72771  (19121116)                260185.48
4027071.65       43.47343  (19121116)
        260185.06   4027046.81       41.27489  (19121116)                260184.64
4027021.96       39.23059  (19121116)
        260184.22   4026997.11       37.81326  (19121116)                260183.80
4026972.26       36.32313  (19121116)
        260183.38   4026947.41       34.66395  (19121116)                260182.96
4026922.56       32.81196  (19121116)
        260220.09   4027642.77       93.95379  (20121609)                260219.68
4027617.92       88.98223  (20121609)
        260219.26   4027593.07       79.65089  (20121609)                260218.84
4027568.22       69.96286  (20121609)
        260218.42   4027543.37       61.88098  (20121609)                260218.00
4027518.52       57.76112  (20121609)
        260217.58   4027493.67       57.40698  (20121609)                260217.17
4027468.82       70.16088  (22121609)
        260216.75   4027443.97       88.53154  (22121609)                260216.33
4027419.12      122.32265  (22121609)
        260215.91   4027394.28      136.39508  (22121609)                260215.49
4027369.43      124.97205  (22121609)
        260215.07   4027344.58       81.74660  (22121609)                260214.66
4027319.73       51.01812  (18011209)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 498
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2A  ***
                                  INCLUDING SOURCE(S):     PHASE2A     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4027592.23   60.78917 (20121609)
        260268.83   4027567.38   54.32888 (20121609)   260268.41
4027542.53   50.32573 (20121609)
        260268.00   4027517.68   48.93972 (20121609)   260267.58
4027492.83   48.85566 (22121609)
        260267.16   4027467.98   64.64638 (22121609)   260266.74
4027443.13   83.36964 (22121609)
        260266.32   4027418.28   104.66362 (22121609)   260265.90
4027393.43   114.01949 (22121609)
        260265.49   4027368.58   102.75139 (22121609)   260265.07
4027343.73   72.03937 (22121609)
        260264.65   4027318.89   46.55320 (18011209)   260264.23
4027294.04   39.08322 (18011209)
        260263.81   4027269.19   40.30411 (21122009)   260263.39
4027244.34   40.68238 (21122009)
        260262.97   4027219.49   38.93902 (22010709)   260262.56
4027194.64   39.40218 (22010709)
        260262.14   4027169.79   41.29433 (19121116)   260261.72
4027144.94   43.20109 (19121116)
        260261.30   4027120.09   43.64742 (19121116)   260260.88
4027095.24   43.17962 (19121116)
        260260.46   4027070.39   42.16982 (19121116)   260320.08
4027641.09   61.29793 (20121609)
        260319.66   4027616.24   53.71331 (20121609)   260319.24
4027591.39   47.87324 (20121609)
        260318.83   4027566.54   44.20098 (20121609)   260318.41
4027541.69   40.92709 (20121609)
        260317.99   4027516.84   35.34401 (20121609)   260317.57
4027491.99   45.10336 (22121609)
        260317.15   4027467.14   60.32189 (22121609)   260316.73
4027442.29   77.50226 (22121609)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A ***
                                 INCLUDING SOURCE(S):   PHASE2A   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)

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Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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4027614.55       33.23650  (20121609)
        260419.23   4027589.70       28.08152  (20121609)                260418.81
4027564.85       23.17884  (18121109)
        260418.39   4027540.00       26.27142  (18121109)                260417.97
4027515.16       27.88028  (18121109)
        260417.56   4027490.31       40.09665  (22121609)                260417.14
4027465.46       53.58974  (22121609)
        260416.72   4027440.61       67.23681  (22121609)                260416.30
4027415.76       78.33404  (22121609)
        260415.88   4027390.91       81.31034  (22121609)                260415.46
4027366.06       72.79540  (22121609)
        260415.05   4027341.21       57.42010  (22121609)                260414.63
4027316.36       42.43426  (22121609)
        260414.21   4027291.51       31.60829  (22121609)                260413.79
4027266.66       30.78709  (18011209)
        260413.37   4027241.81       27.81275  (18011209)                260412.95
4027216.96       23.43252  (18011209)
        260412.54   4027192.11       19.66928  (18011209)                260412.12
4027167.26       24.08214  (21122009)
        260411.70   4027142.41       26.53823  (21122009)                260411.28
4027117.57       26.99719  (21122009)
        260410.86   4027092.72       26.18699  (21122009)                260410.44
4027067.87       24.73803  (21122009)
        260410.02   4027043.02       26.05161  (22010709)                260409.61
4027018.17       26.60033  (22010709)
        260409.19   4026993.32       26.62685  (22010709)                260408.77
4026968.47       26.09690  (19121116)
        260408.35   4026943.62       27.96950  (19121116)                260407.93
4026918.77       29.22914  (19121116)
        260407.51   4026893.92       29.92809  (19121116)                260470.48
4027663.41       33.56470  (20121609)
        260470.06   4027638.56       28.70686  (20121609)                260469.64
4027613.71       23.33664  (20121609)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 500
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2A  ***
                                 INCLUDING SOURCE(S):     PHASE2A     ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **
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      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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4027090.19       13.90947  (22120209)
        260560.42   4027065.34       16.53697  (21122009)                260560.00
4027040.49       18.96289  (21122009)
        260559.59   4027015.64       20.24773  (21122009)                260559.17
4026990.79       20.57842  (21122009)
        260558.75   4026965.94       20.21308  (21122009)                260558.33
4026941.09       19.25024  (21122009)
        260557.91   4026916.25       18.02316  (21122009)                260557.49
4026891.40       19.17000  (22010709)
        260670.45   4027660.04       13.33846  (18121109)                260670.03
4027635.19       17.53296  (18121109)
        260669.61   4027610.34       21.27385  (18121109)                260669.19
4027585.49       24.01655  (18121109)
        260668.78   4027560.65       25.07626  (18121109)                260668.36
4027535.80       24.77156  (18121109)
        260667.94   4027510.95       24.29727  (22121609)                260667.52
4027486.10       33.08222  (22121609)
        260667.10   4027461.25       41.81809  (22121609)                260666.68
4027436.40       49.21060  (22121609)
        260666.27   4027411.55       53.65518  (22121609)                260665.85
4027386.70       53.91512  (22121609)
        260665.43   4027361.85       49.85116  (22121609)                260665.01
4027337.00       42.87544  (22121609)
        260664.59   4027312.15       35.15872  (22121609)                260664.17
4027287.30       28.44079  (22121609)
        260663.75   4027262.45       23.40256  (22121609)                260663.34
4027237.60       19.90154  (22121609)
        260662.92   4027212.75       18.55406  (18011209)                260662.50
4027187.90       20.16429  (18011209)
        260662.08   4027163.06       19.92644  (18011209)                260661.66
4027138.21       18.39493  (18011209)
        260661.24   4027113.36       16.36875  (18011209)                260660.83
4027088.51       14.52002  (18011209)
        260660.41   4027063.66       13.76004  (22120209)                260769.98
4027675.57       14.32813  (18121109)
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                PAGE 501
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2A  ***
                                INCLUDING SOURCE(S):     PHASE2A     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
260770.02	4027633.51	20.69634	(18121109)	260769.60	4027608.66	23.39331	(18121109)
260769.18	4027583.81	24.81739	(18121109)	260768.76	4027558.96	24.52743	(18121109)
260768.34	4027534.11	22.81706	(18121109)	260767.92	4027509.26	23.46567	(22121609)
260767.51	4027484.41	31.02438	(22121609)	260767.09	4027459.56	38.31232	(22121609)
260766.67	4027434.72	44.17023	(22121609)	260766.25	4027409.87	47.41715	(22121609)
260765.83	4027385.02	47.44328	(22121609)	260765.41	4027360.17	44.30985	(22121609)
260765.00	4027335.32	39.01497	(22121609)	260764.58	4027310.47	32.88308	(22121609)
260764.16	4027285.62	27.13716	(22121609)	260763.74	4027260.77	22.52026	(22121609)
260763.32	4027235.92	19.13717	(22121609)	260762.90	4027211.07	17.40772	(22122809)
260762.49	4027186.22	15.92811	(22122809)	260762.07	4027161.37	17.80463	(18011209)
260761.65	4027136.52	18.17558	(18011209)	260761.23	4027111.67	17.18201	(18011209)
260760.81	4027086.82	15.66468	(18011209)	260760.39	4027061.97	14.12073	(18011209)
260759.98	4027037.13	13.51496	(22120209)	260759.56	4027012.28	13.38980	(22120209)
260759.14	4026987.43	13.13299	(22120209)	260758.72	4026962.58	12.89143	(22120209)
260758.30	4026937.73	12.56532	(22120209)	260757.88	4026912.88	12.75118	(21122009)
260757.46	4026888.03	14.34436	(21122009)	260869.89	4027676.75	16.84787	(18121109)
260870.00	4027631.83	22.19892	(18121109)	260869.58	4027606.98	23.71918	(18121109)
260869.17	4027582.13	23.93517	(18121109)	260868.75	4027557.28	22.69774	(18121109)
260868.33	4027532.43	20.19313	(18121109)	260867.91	4027507.58	22.69050	(22121609)
260867.49	4027482.73	29.20786	(22121609)	260867.07	4027457.88	35.28979	(22121609)
260866.66	4027433.03	40.01764	(22121609)	260866.24	4027408.18	42.55541	(22121609)
260865.82	4027383.33	42.34135	(22121609)	260865.40			

4027358.48   40.91683 (22121609)
        260864.98   4027333.63   35.87506 (22121609)   260864.56
4027308.78   30.19763 (22121609)
        260864.14   4027283.94   25.00845 (22121609)   260863.73
4027259.09   20.63459 (22121609)
        260863.31   4027234.24   17.54587 (22121609)   260862.89
4027209.39   16.48766 (22122809)
        260862.47   4027184.54   15.58300 (22122809)   260862.05
4027159.69   14.38503 (22122809)
        260861.63   4027134.84   15.43193 (18011209)   260861.22
4027109.99   16.29929 (18011209)
        260860.80   4027085.14   15.71481 (18011209)   260860.38
4027060.29   14.82048 (18011209)
        261069.89   4027672.67   20.63849 (18121109)   261069.97
4027628.46   22.25414 (18121109)
        261069.56   4027603.61   21.53319 (18121109)   261069.14
4027578.76   19.78812 (18121109)
        261068.72   4027553.91   17.32249 (18121109)   261068.30
4027529.06   15.09531 (22121609)
        261067.88   4027504.21   20.60073 (22121609)   261067.46
4027479.36   25.83975 (22121609)
        261067.05   4027454.51   30.20272 (22121609)   261066.63
4027429.66   33.43834 (22121609)
        261066.21   4027404.82   35.10278 (22121609)   261065.79
4027379.97   35.01611 (22121609)
        261065.37   4027355.12   33.22702 (22121609)   261064.95
4027330.27   30.40566 (22121609)
        261064.54   4027305.42   26.98924 (22121609)   261064.12
4027280.57   23.22189 (22121609)
        261063.70   4027255.72   19.83742 (22121609)   261063.28
4027230.87   17.17242 (22121609)
        261062.86   4027206.02   14.87591 (22121609)   261062.44
4027181.17   13.15803 (22122809)
        261062.02   4027156.32   13.36327 (22122809)   261061.61
4027131.47   12.94337 (22122809)
        261061.19   4027106.62   12.07662 (22122809)   261060.77
4027081.77   11.49184 (18011209)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2A ***
                                INCLUDING SOURCE(S):   PHASE2A   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS

***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
261060.35	4027056.92	12.66759	(18011209)	261269.74	4027673.60	21.31070	(18121109)
261269.12	4027697.26	20.62066	(18121109)	261268.50	4027720.92	19.05354	(18121109)
261270.36	4027649.94	21.14921	(18121109)	261269.95	4027625.09	20.11325	(18121109)
261269.53	4027600.24	18.09124	(18121109)	261269.11	4027575.39	15.50933	(18121109)
261268.69	4027550.54	12.79236	(18121109)	261268.27	4027525.70	14.51708	(22121609)
261267.85	4027500.85	18.26633	(22121609)	261267.44	4027476.00	23.05941	(22121609)
261267.02	4027451.15	27.37792	(22121609)	261266.60	4027426.30	28.60865	(22121609)
261266.18	4027401.45	29.83964	(22121609)	261265.76	4027376.60	29.71842	(22121609)
261265.34	4027351.75	28.48474	(22121609)	261264.93	4027326.90	26.49132	(22121609)
261264.51	4027302.05	23.83366	(22121609)	261264.09	4027277.20	21.10005	(22121609)
261263.67	4027252.35	18.46470	(22121609)	261263.25	4027227.50	15.94199	(22121609)
261262.83	4027202.65	13.75491	(22121609)	261262.41	4027177.80	11.99350	(22121609)
261262.00	4027152.95	10.78226	(22122809)	261261.58	4027128.11	11.35013	(22122809)
261261.16	4027103.26	11.40683	(22122809)	261260.74	4027078.41	11.03846	(22122809)
261260.32	4027053.56	10.38575	(22122809)	261469.75	4027668.94	19.17727	(18121109)
261468.58	4027713.68	20.22366	(18121109)	261470.34	4027646.58	17.72093	(18121109)
261469.92	4027621.73	15.64344	(18121109)	261469.50	4027596.88	13.64296	(18121109)
261469.08	4027572.03	11.72141	(18121109)	261468.66	4027547.18	11.95435	(22121609)
261468.24	4027522.33	15.00060	(22121609)	261467.83	4027497.48	18.07866	(22121609)
261467.41	4027472.63	20.91766	(22121609)	261466.99	4027447.78	23.30948	(22121609)
261466.57	4027422.93	25.00953	(22121609)	261466.15			

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4027398.08       25.84615  (22121609)
        261465.73   4027373.23       25.77658  (22121609)                261465.32
4027348.38       24.88762  (22121609)
        261464.90   4027323.53       23.32959  (22121609)                261464.48
4027298.68       21.35604  (22121609)
        261464.06   4027273.83       19.18280  (22121609)                261463.64
4027248.99       16.98922  (22121609)
        261463.22   4027224.14       14.88495  (22121609)                261462.80
4027199.29       12.96023  (22121609)
        261462.39   4027174.44       11.24344  (22121609)                261461.97
4027149.59        9.71786  (22121609)
        261461.55   4027124.74        8.88536  (22122809)                261461.13
4027099.89        9.61048  (22122809)
        261460.71   4027075.04        9.95911  (22122809)                261460.29
4027050.19        9.93201  (22122809)
        261459.88   4027025.34        9.62293  (22122809)                261459.46
4027000.49        9.10648  (22122809)
        261459.04   4026975.64        8.48553  (22122809)                261458.62
4026950.79        8.21989  (18011209)
        261458.20   4026925.94        9.08348  (18011209)                261457.78
4026901.09        9.62525  (18011209)
        261457.37   4026876.25        9.81933  (18011209)                261669.74
4027664.72       16.05376  (18121109)
        261668.62   4027707.73       18.87240  (18121109)                261669.89
4027618.36       12.17335  (18121109)
        261669.47   4027593.51       10.27737  (18121109)                261669.05
4027568.66        9.69754  (20012809)
        261668.63   4027543.81       11.70076  (22121609)                261668.22
4027518.96       14.23705  (22121609)
        261667.80   4027494.11       16.72880  (22121609)                261667.38
4027469.26       18.98364  (22121609)
        261666.96   4027444.41       20.81153  (22121609)                261666.54
4027419.56       22.08973  (22121609)
        261666.12   4027394.71       22.72251  (22121609)                261665.71
4027369.87       22.67780  (22121609)
        261665.29   4027345.02       22.00880  (22121609)                261664.87
4027320.17       20.83592  (22121609)
        261664.45   4027295.32       19.26886  (22121609)                261664.03
4027270.47       17.49701  (22121609)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                PAGE 503
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2A  ***
                                INCLUDING SOURCE(S):     PHASE2A     ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
261663.61	4027245.62	15.65243	(22121609)	261663.19	4027220.77	13.84436	(22121609)
261662.78	4027195.92	12.14108	(22121609)	261662.36	4027171.07	10.63247	(21111709)
261661.94	4027146.22	9.47888	(21111709)	261661.52	4027121.37	8.37209	(21111709)
261661.10	4027096.52	7.39567	(22122809)	261660.68	4027071.67	8.15219	(22122809)
261660.27	4027046.82	8.64426	(22122809)	261659.85	4027021.97	8.84922	(22122809)
261659.43	4026997.12	8.78938	(22122809)	261659.01	4026972.28	8.51539	(22122809)
261658.59	4026947.43	8.09726	(22122809)	261658.17	4026922.58	7.60078	(22122809)
261657.76	4026897.73	7.07893	(22122809)	261657.34	4026872.88	7.59088	(18011209)
260288.10	4026826.13	29.89296	(19121116)	260294.23	4026848.07	31.14351	(19121116)
260300.37	4026870.01	32.26516	(19121116)	260348.08	4026861.01	31.93217	(19121116)
260374.46	4026775.74	28.81919	(19121116)	260380.66	4026797.90	29.54956	(19121116)
260386.85	4026820.06	30.12649	(19121116)	260393.05	4026842.22	30.52739	(19121116)
260399.25	4026864.38	30.59389	(19121116)	260420.80	4026761.83	28.32653	(19121116)
260504.00	4026700.14	25.43818	(19121116)	260510.29	4026722.64	25.05585	(19121116)
260516.59	4026745.14	24.22683	(19121116)	260522.88	4026767.64	22.92571	(19121116)
260529.17	4026790.14	21.09275	(19121116)	260535.47	4026812.64	20.97958	(22010709)
260541.76	4026835.14	21.15452	(22010709)	260548.05	4026857.65	20.86368	(22010709)
260590.35	4026649.71	21.31731	(19121116)	260596.64	4026672.21	20.00418	(19121116)
260602.94	4026694.71	18.29456	(19121116)	260609.23	4026717.21	18.76058	(22010709)
260615.52	4026739.71	19.02630	(22010709)	260626.01			

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4026777.21       18.61232  (22010709)
        260648.04   4026855.96       16.79993  (21122009)                260676.70
4026599.27       16.41737  (22010709)
        260682.99   4026621.77       16.93120  (22010709)                260689.29
4026644.27       17.24076  (22010709)
        260695.58   4026666.77       17.27602  (22010709)                260701.87
4026689.27       16.96675  (22010709)
        260708.17   4026711.78       16.26242  (22010709)                260714.46
4026734.28       15.12023  (22010709)
        260720.75   4026756.78       14.05608  (21122009)                260727.05
4026779.28       14.94511  (21122009)
        260733.34   4026801.78       15.66691  (21122009)                260739.63
4026824.28       16.08119  (21122009)
        260745.93   4026846.78       16.03535  (21122009)                260763.05
4026548.84       15.72802  (22010709)
        260769.34   4026571.34       15.84712  (22010709)                260775.64
4026593.84       15.70301  (22010709)
        260781.93   4026616.34       15.24353  (22010709)                260788.22
4026638.84       14.43343  (22010709)
        260794.52   4026661.34       13.29096  (22122309)                260800.81
4026683.84       12.74934  (21122009)
        260807.10   4026706.34       13.52305  (21122009)                260813.40
4026728.84       14.16644  (21122009)
        260825.98   4026773.84       14.67741  (21122009)                260846.96
4026848.84       11.71654  (22120209)
        260935.75   4026447.97       13.04740  (22010709)                260942.04
4026470.47       12.42211  (22010709)
        260948.34   4026492.97       11.57602  (22122309)                260954.63
4026515.47       10.77094  (22122309)
        260960.92   4026537.97       10.76796  (21122009)                260967.22
4026560.47       11.36735  (21122009)
        260973.51   4026582.97       11.91130  (21122009)                260979.80
4026605.47       12.31329  (21122009)
        260986.10   4026627.97       12.49153  (21122009)                260992.39
4026650.47       12.38261  (21122009)
        260998.68   4026672.97       11.94564  (21122009)                261004.98
4026695.47       11.11763  (21122009)
        261011.27   4026717.98       10.84514  (22120209)                261019.66
4026747.98       11.21636  (22120209)
        261108.46   4026347.13        9.65731  (22122309)                261114.80
4026369.78        8.92751  (21122009)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                PAGE 504
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
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VALUES FOR SOURCE GROUP: PHASE2A ***
                                INCLUDING SOURCE(S):   PHASE2A   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        261121.13   4026392.44   9.36621 (21122009)   261127.47
4026415.10   9.82339 (21122009)
        261133.81   4026437.76   10.25746 (21122009)   261140.15
4026460.42   10.61311 (21122009)
        261146.48   4026483.08   10.83503 (21122009)   261152.82
4026505.74   10.86668 (21122009)
        261159.16   4026528.40   10.66282 (21122009)   261165.50
4026551.06   10.19257 (21122009)
        261171.84   4026573.72   9.72727 (22120209)   261178.17
4026596.37   10.12747 (22120209)
        261184.51   4026619.03   10.39023 (22120209)   261190.85
4026641.69   10.66473 (22120209)
        261197.19   4026664.35   10.98145 (22120209)   261203.52
4026687.01   11.34186 (22120209)
        261209.86   4026709.67   11.73732 (22120209)   261219.37
4026743.66   11.90232 (22120209)
        261281.16   4026246.25   8.36360 (21122009)   261287.49
4026268.89   8.69458 (21122009)
        261293.82   4026291.52   9.01054 (21122009)   261300.15
4026314.16   9.27912 (21122009)
        261306.48   4026336.79   9.49254 (21122009)   261312.81
4026359.42   9.62279 (21122009)
        261319.14   4026382.06   9.58786 (21122009)   261325.47
4026404.69   9.35776 (21122009)
        261331.80   4026427.33   8.91844 (21122009)   261338.13
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        261344.47   4026472.60   9.19640 (22120209)   261350.80
4026495.23   9.60734 (22120209)
        261357.13   4026517.87   10.03081 (22120209)   261363.46
4026540.50   10.28421 (22120209)
        261369.79   4026563.14   10.58601 (22120209)   261376.12
4026585.77   10.81488 (22120209)
        261382.45   4026608.40   11.02721 (22120209)   261388.78
4026631.04   11.23965 (22120209)
        261395.11   4026653.67   11.46739 (22120209)   261401.44
4026676.31   11.64348 (22120209)
        261407.77   4026698.94   11.71620 (22120209)   261414.10

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        261420.44   4026744.21       11.48722  (22120209)                261426.77
4026766.85       11.13085  (22120209)
        261433.10   4026789.48       10.67315  (22120209)                261439.43
4026812.11       10.12200  (22120209)
        261445.76   4026834.75        9.69721  (18011209)                261453.86
4026145.38        8.09369  (21122009)
        261460.18   4026168.00        8.32437  (21122009)                261466.51
4026190.61        8.51911  (21122009)
        261472.83   4026213.23        8.64654  (21122009)                261479.16
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4026281.08        8.30561  (21122009)
        261498.14   4026303.70        7.90182  (21122009)                261504.46
4026326.31        7.68489  (22120209)
        261510.79   4026348.93        8.15312  (22120209)                261517.11
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        261536.09   4026439.39        9.69357  (22120209)                261542.42
4026462.01        9.96859  (22120209)
        261548.74   4026484.63       10.32700  (22120209)                261555.07
4026507.24       10.77809  (22120209)
        261561.40   4026529.86       11.03234  (22120209)                261567.72
4026552.48       11.23034  (22120209)
        261574.05   4026575.09       11.36117  (22120209)                261580.37
4026597.71       11.41567  (22120209)
        261586.70   4026620.33       11.37402  (22120209)                261593.02
4026642.94       11.30510  (22120209)
        261599.35   4026665.56       11.12453  (22120209)                261605.68
4026688.18       10.82162  (22120209)
        261612.00   4026710.79       10.45210  (22120209)                261618.33
4026733.41        9.93711  (22120209)
        261624.65   4026756.03        9.32062  (22120209)                261630.98
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        261637.31   4026801.26        8.85506  (18011209)                261643.63
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        261649.96   4026846.49        8.34062  (18011209)                260178.22
4026852.86       26.89072  (19121116)
        260186.13   4026829.14       25.47359  (19121116)                260206.65
4026845.81       28.05494  (19121116)
        260187.19   4026799.87       23.29462  (19121116)                260223.53
4026769.10       23.53599  (19121116)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE2A ***
INCLUDING SOURCE(S): PHASE2A ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
260244.05	4026785.76	25.77951	(19121116)	260264.57	4026802.43	27.79809	(19121116)
260226.11	4026710.93	20.26069	(19121116)	260248.00	4026728.70	22.34827	(19121116)
260299.44	4026710.19	23.79448	(19121116)	260321.04	4026727.73	25.63992	(19121116)
260342.64	4026745.27	27.14402	(19121116)	260257.58	4026615.93	17.58540	(19121116)
260278.99	4026633.32	18.92653	(19121116)	260300.41	4026650.70	20.64545	(19121116)
260321.82	4026668.09	22.46037	(19121116)	260343.24	4026685.48	24.21891	(19121116)
260333.14	4026556.74	17.81857	(19121116)	260355.03	4026574.51	19.18086	(19121116)
260376.92	4026592.29	20.70535	(19121116)	260398.81	4026610.06	22.34458	(19121116)
260420.70	4026627.83	23.80256	(19121116)	260442.59	4026645.61	24.85711	(19121116)
260464.49	4026663.38	25.51681	(19121116)	260486.38	4026681.15	25.64729	(19121116)
260320.88	4026426.24	16.60395	(22010709)	260342.49	4026443.78	15.77072	(22010709)
260364.09	4026461.32	16.07038	(19121116)	260385.69	4026478.86	16.97033	(19121116)
260407.30	4026496.40	18.18459	(19121116)	260428.90	4026513.94	19.51135	(19121116)
260450.50	4026531.48	20.94005	(19121116)	260472.11	4026549.02	22.16522	(19121116)
260572.92	4026630.87	22.78556	(19121116)	260352.60	4026331.45	16.08667	(19121116)
260374.49	4026349.23	15.74698	(22010709)	260396.39	4026367.00	15.19957	(22010709)
260483.95	4026438.10	18.47633	(19121116)	260505.84	4026455.87	19.74376	(19121116)
260527.73	4026473.64	20.85852	(19121116)	260549.62			

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4026491.42       21.70522  (19121116)
        260571.51   4026509.19       22.19096  (19121116)                260593.40
4026526.96       22.22499  (19121116)
        260615.30   4026544.74       21.66510  (19121116)                260637.19
4026562.51       20.37898  (19121116)
        260659.08   4026580.28       18.40836  (19121116)                260384.16
4026236.53       16.65357  (19121116)
        260405.84   4026254.14       15.52341  (19121116)                260427.53
4026271.74       14.89320  (19121116)
        260449.21   4026289.35       14.71500  (19121116)                260470.90
4026306.95       14.96336  (19121116)
        260492.58   4026324.56       15.55721  (19121116)                260514.26
4026342.17       16.39191  (19121116)
        260535.95   4026359.77       17.45715  (19121116)                260557.63
4026377.38       18.55195  (19121116)
        260579.32   4026394.98       19.51931  (19121116)                260601.00
4026412.59       20.18700  (19121116)
        260622.69   4026430.19       20.56277  (19121116)                260644.37
4026447.80       20.53602  (19121116)
        260709.42   4026500.62       17.59334  (19121116)                260731.11
4026518.22       15.34934  (19121116)
        260447.42   4026046.81       17.80175  (19121116)                260469.15
4026064.45       16.81457  (19121116)
        260505.36   4026093.85       15.20403  (19121116)                260548.82
4026129.14       14.10263  (19121116)
        260570.55   4026146.78       14.04500  (19121116)                260592.28
4026164.42       14.32973  (19121116)
        260614.01   4026182.07       14.87706  (19121116)                260635.74
4026199.71       15.61439  (19121116)
        260657.47   4026217.35       16.43871  (19121116)                260679.20
4026235.00       17.21894  (19121116)
        260700.93   4026252.64       17.88866  (19121116)                260722.66
4026270.28       18.31670  (19121116)
        260744.39   4026287.92       18.42672  (19121116)                260766.12
4026305.57       18.12050  (19121116)
        260860.29   4026382.02       13.40639  (22010709)                260882.02
4026399.66       13.76354  (22010709)
        260903.75   4026417.30       13.80770  (22010709)                260510.67
4025857.08       17.18251  (19121116)
        260532.43   4025874.74       16.90097  (19121116)                260554.19
4025892.41       16.37315  (19121116)
        260575.95   4025910.08       15.68387  (19121116)                260699.25
4026010.19       13.51938  (19121116)
        260721.01   4026027.85       13.90678  (19121116)                260742.77
4026045.52       14.43912  (19121116)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE2A ***
INCLUDING SOURCE(S): PHASE2A ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
260764.53	4026063.19	15.05041	(19121116)	260786.29	4026080.85	15.63448	(19121116)
260808.05	4026098.52	16.06784	(19121116)	260829.81	4026116.18	16.38775	(19121116)
260851.57	4026133.85	16.50350	(19121116)	260873.32	4026151.52	16.21254	(19121116)
260895.08	4026169.18	15.54819	(19121116)	260916.84	4026186.85	14.49430	(19121116)
261011.13	4026263.40	12.34054	(22010709)	261032.89	4026281.07	12.30832	(22010709)
261054.65	4026298.74	11.94499	(22010709)	261076.41	4026316.40	11.21250	(22010709)
260573.93	4025667.35	14.84095	(19121116)	260595.71	4025685.03	15.38033	(19121116)
260617.48	4025702.71	15.59455	(19121116)	260639.26	4025720.39	15.51183	(19121116)
260661.04	4025738.08	15.14689	(19121116)	260769.94	4025826.49	12.88317	(19121116)
260849.80	4025891.33	13.48065	(19121116)	260871.58	4025909.01	13.90676	(19121116)
260893.36	4025926.69	14.35389	(19121116)	260915.13	4025944.38	14.74089	(19121116)
260936.91	4025962.06	14.95380	(19121116)	260958.69	4025979.74	14.93008	(19121116)
260980.47	4025997.43	14.62011	(19121116)	261002.25	4026015.11	14.00914	(19121116)
261024.03	4026032.79	13.14471	(19121116)	261045.81	4026050.47	11.96123	(19121116)
261067.59	4026068.16	10.55529	(19121116)	261089.37	4026085.84	10.59002	(22010709)
261111.15	4026103.52	10.92879	(22010709)	261132.93	4026121.20	11.13224	(22010709)
261154.71	4026138.89	11.14268	(22010709)	261176.49			

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4026156.57       10.88195  (22010709)
        261198.26   4026174.25       10.35136  (22010709)                261220.04
4026191.94        9.53283  (22010709)
        261241.82   4026209.62        8.76570  (22122309)                261263.60
4026227.30        8.04595  (21122009)
        260637.18   4025477.61       11.56710  (19121116)                260658.97
4025495.31       12.52016  (19121116)
        260680.76   4025513.00       13.30159  (19121116)                260702.56
4025530.70       13.90316  (19121116)
        260724.35   4025548.39       14.24618  (19121116)                260746.15
4025566.09       14.28033  (19121116)
        260767.94   4025583.78       14.09401  (19121116)                260789.73
4025601.48       13.76301  (19121116)
        260811.53   4025619.17       13.35820  (19121116)                260833.32
4025636.87       12.95065  (19121116)
        260855.12   4025654.56       12.59146  (19121116)                260876.91
4025672.26       12.35701  (19121116)
        260898.71   4025689.95       12.27655  (19121116)                260920.50
4025707.65       12.32659  (19121116)
        260942.29   4025725.34       12.47271  (19121116)                260964.09
4025743.04       12.71371  (19121116)
        260985.88   4025760.73       12.99433  (19121116)                261007.68
4025778.43       13.27095  (19121116)
        261029.47   4025796.12       13.49276  (19121116)                261051.26
4025813.82       13.69711  (19121116)
        261073.06   4025831.51       13.59859  (19121116)                261094.85
4025849.21       13.23517  (19121116)
        261116.65   4025866.90       12.62554  (19121116)                261138.44
4025884.59       11.77061  (19121116)
        261160.23   4025902.29       10.70177  (19121116)                261182.03
4025919.98        9.45331  (19121116)
        261203.82   4025937.68        9.65311  (22010709)                261225.62
4025955.37        9.93630  (22010709)
        261247.41   4025973.07       10.14151  (22010709)                261269.20
4025990.76       10.20858  (22010709)
        261291.00   4026008.46       10.08998  (22010709)                261312.79
4026026.15        9.75416  (22010709)
        261334.59   4026043.85        9.18747  (22010709)                261356.38
4026061.54        8.51180  (22122309)
        261378.18   4026079.24        7.83003  (22122309)                261399.97
4026096.93        7.45547  (21122009)
        261421.76   4026114.63        7.66480  (21122009)                259786.65
4026922.81       46.61878  (19121116)
        259785.22   4026946.18       43.80603  (19121116)                259786.24
4026967.32       40.89455  (19121116)
        259787.46   4026993.13       37.55225  (22010709)                259786.85
4027016.70       35.52656  (22010709)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE2B ***
INCLUDING SOURCE(S): PHASE2B ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
260122.88	4026867.29	33.74855	(20122409)	260099.69	4026867.81	30.45640	(20122409)
260076.51	4026868.33	24.20324	(20122409)	260053.32	4026868.85	16.44256	(20122409)
260030.13	4026869.37	12.54827	(20010209)	260006.94	4026869.89	19.16008	(20010209)
259983.76	4026870.42	25.38860	(20010209)	259960.57	4026870.94	30.27460	(20010209)
260145.51	4026841.77	32.19707	(20122409)	260122.32	4026842.29	31.04709	(20122409)
260099.13	4026842.82	27.43206	(20122409)	260075.94	4026843.34	21.19303	(20122409)
260052.76	4026843.86	14.17880	(20122409)	260029.57	4026844.38	9.49723	(20010209)
260006.38	4026844.90	15.30651	(20010209)	259983.19	4026845.42	21.17364	(20010209)
259960.01	4026845.94	26.04781	(20010209)	260157.65	4026818.69	29.98719	(20122409)
260121.76	4026817.30	28.62138	(20122409)	260098.57	4026817.82	24.99226	(20122409)
260075.38	4026818.34	18.84869	(20122409)	260052.19	4026818.86	12.26335	(20122409)
260029.01	4026819.39	7.08399	(20010209)	260005.82	4026819.91	12.02220	(20010209)
259982.63	4026820.43	17.39136	(20010209)	259959.44	4026820.95	22.32505	(20010209)
260161.32	4026794.34	28.10563	(20122409)	260121.20	4026792.31	26.49805	(20122409)
260098.01	4026792.83	22.57978	(20122409)	260074.82	4026793.35	16.78480	(20122409)
260051.63	4026793.87	10.71088	(20122409)	260028.45			

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4026794.39        5.55520  (20122409)
        260005.26   4026794.91        9.37648  (20010209)                259982.07
4026795.43       14.23816  (20010209)
        259958.88   4026795.96       19.10691  (20010209)                260160.19
4026744.35       25.67269  (20122409)
        260120.07   4026742.32       22.94153  (20122409)                260096.88
4026742.84       18.77315  (20122409)
        260073.70   4026743.36       13.58491  (20122409)                260050.51
4026743.88        8.44231  (20122409)
        260027.32   4026744.40        5.07879  (22011111)                260004.13
4026744.93        5.62145  (20010209)
        259980.95   4026745.45        9.29400  (20010209)                259957.76
4026745.97       13.51768  (20010209)
        260164.72   4026695.21       24.17015  (20122409)                260187.30
4026698.62       23.34781  (20122409)
        260142.14   4026691.81       23.02579  (20122409)                260118.95
4026692.33       20.15239  (20122409)
        260095.76   4026692.85       15.87449  (20122409)                260072.57
4026693.37       10.93881  (20122409)
        260049.39   4026693.90        6.64627  (20122409)                260026.20
4026694.42        4.94213  (22011111)
        260003.01   4026694.94        4.57834  (22011111)                259979.82
4026695.46        5.86803  (20010209)
        259956.64   4026695.98        9.18958  (20010209)                260162.18
4026645.01       21.96038  (20122409)
        260204.52   4026651.40       20.67413  (20122409)                260117.82
4026642.34       17.10630  (20122409)
        260094.64   4026642.87       13.05478  (20122409)                260071.45
4026643.39        8.84323  (20122409)
        260048.26   4026643.91        5.26795  (20122409)                260025.07
4026644.43        4.76268  (22011111)
        260001.89   4026644.95        4.47464  (22011111)                259978.70
4026645.47        3.85456  (22011111)
        259955.51   4026645.99        6.01160  (20010209)                260160.21
4026594.90       19.45156  (20122409)
        260200.85   4026601.03       19.76865  (20122409)                260116.70
4026592.36       14.49258  (20122409)
        260093.51   4026592.88       10.86739  (20122409)                260070.33
4026593.40        7.27065  (20122409)
        260047.14   4026593.92        4.49529  (22011111)                260023.95
4026594.44        4.61705  (22011111)
        260000.76   4026594.96        4.39402  (22011111)                259977.58
4026595.48        3.86679  (22011111)
        259954.39   4026596.01        3.87164  (20010209)                260160.22
4026495.27       15.50327  (20122409)
        260182.80   4026498.67       16.95851  (20122409)                260205.38
4026502.07       17.15214  (20122409)
        260227.96   4026505.48       16.08522  (20122409)                260250.54
4026508.88       13.97339  (20122409)
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B ***
                                 INCLUDING SOURCE(S):   PHASE2B   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        260137.64   4026491.86   13.18376 (20122409)   260114.45
4026492.38   10.38604 (20122409)
        260091.27   4026492.90   7.50832 (20122409)   260068.08
4026493.42   4.93672 (20122409)
        260044.89   4026493.95   4.19413 (22011111)   260021.70
4026494.47   4.38826 (22011111)
        259998.52   4026494.99   4.26715 (22011111)   259975.33
4026495.51   3.86825 (22011111)
        259952.14   4026496.03   3.26215 (22011111)   260156.56
4026395.08   12.08825 (20122409)
        260198.90   4026401.46   14.75736 (20122409)   260241.24
4026407.84   14.24271 (20122409)
        260283.58   4026414.23   10.70978 (20122409)   260112.21
4026392.41   7.61576 (20122409)
        260089.02   4026392.93   5.31827 (20122409)   260065.83
4026393.45   3.40228 (20122409)
        260042.64   4026393.97   3.81171 (22011111)   260019.46
4026394.49   4.04670 (22011111)
        259996.27   4026395.01   4.02499 (22011111)   259973.08
4026395.54   3.77058 (22011111)
        259949.89   4026396.06   3.33239 (22011111)   260155.73
4026295.32   9.71359 (20122409)
        260178.31   4026298.72   11.48557 (20122409)   260200.89
4026302.12   12.69236 (20122409)
        260223.47   4026305.53   13.15980 (20122409)   260246.05
4026308.93   13.01329 (20122409)
        260268.63   4026312.34   12.06973 (20122409)   260291.21
4026315.74   10.47836 (20122409)
        260313.79   4026319.15   8.51556 (20122409)   260133.15

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4026291.91        7.68208  (20122409)
        260109.96   4026292.43        5.67881  (20122409)                260086.77
4026292.95        3.89431  (20122409)
        260063.58   4026293.48        3.11322  (22020909)                260040.40
4026294.00        3.51204  (22011111)
        260017.21   4026294.52        3.74742  (22011111)                259994.02
4026295.04        3.77548  (22011111)
        259970.83   4026295.56        3.60575  (22011111)                259947.65
4026296.08        3.27142  (22011111)
        260152.45   4026195.19        7.51397  (20122409)                260195.56
4026201.69       10.45539  (20122409)
        260238.67   4026208.18       11.84834  (20122409)                260281.77
4026214.68       10.93868  (20122409)
        260324.88   4026221.18        8.16225  (20122409)                260107.71
4026192.46        4.25034  (20122409)
        260084.52   4026192.98        3.37184  (22020909)                260061.34
4026193.50        2.87903  (22011111)
        260038.15   4026194.02        3.25779  (22011111)                260014.96
4026194.54        3.53814  (22011111)
        259991.77   4026195.06        3.64484  (22011111)                259968.59
4026195.59        3.56890  (22011111)
        259945.40   4026196.11        3.31970  (22011111)                260148.18
4025995.27        4.59096  (20122409)
        260191.72   4026001.84        7.04204  (20122409)                260235.27
4026008.40        8.94739  (20122409)
        260278.82   4026014.97        9.50625  (20122409)                260322.37
4026021.53        8.62662  (20122409)
        260365.91   4026028.10        6.55437  (20122409)                260409.46
4026034.66        4.25971  (18020510)
        260103.22   4025992.51        3.26364  (22020909)                260080.03
4025993.03        2.91968  (22020909)
        260056.84   4025993.55        2.52423  (22011111)                260033.65
4025994.07        2.88469  (22011111)
        260010.47   4025994.59        3.15400  (22011111)                259987.28
4025995.11        3.28685  (22011111)
        259964.09   4025995.64        3.27553  (22011111)                259940.90
4025996.16        3.13059  (22011111)
        260143.82   4025795.34        3.21464  (22020909)                260187.66
4025801.95        4.64673  (20122409)
        260231.49   4025808.56        6.48119  (20122409)                260275.32
4025815.17        7.76345  (20122409)
        260319.15   4025821.78        7.97636  (20122409)                260362.98
4025828.38        7.03933  (20122409)
        260406.82   4025834.99        5.34097  (20122409)                260450.65
4025841.60        3.89410  (18020510)
        260098.72   4025792.56        2.88069  (22020909)                260075.53
4025793.08        2.54959  (22020909)
        260052.35   4025793.60        2.23139  (22011111)                260029.16
4025794.12        2.52426  (22011111)
        260005.97   4025794.64        2.75961  (22011111)                259982.78
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE2B ***
                                  INCLUDING SOURCE(S):   PHASE2B   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF OTHER   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

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4025442.09        4.95995  (20122409)
        260488.44   4025448.75        3.82593  (20122409)                260532.61
4025455.41        3.30806  (18020510)
        260576.79   4025462.07        3.30922  (18020510)                260089.73
4025392.66        2.25280  (22020909)
        260066.54   4025393.18        1.99862  (22020909)                260043.36
4025393.70        1.82634  (22011111)
        260020.17   4025394.22        2.07660  (22011111)                259996.98
4025394.75        2.28783  (22011111)
        259973.79   4025395.27        2.45217  (22011111)                259950.61
4025395.79        2.55690  (22011111)
        259927.42   4025396.31        2.59245  (22011111)                259936.53
4026919.72       39.00285  (20010209)
        259936.93   4026943.08       41.02877  (20010209)                259937.33
4026966.44       42.53216  (20010209)
        259937.73   4026989.80       43.14138  (20010209)                259938.13
4027013.16       42.26665  (20010209)
        259918.11   4026879.03       33.72135  (20010209)                259911.54
4026920.14       35.24006  (20010209)
        259911.93   4026943.51       34.98496  (20010209)                259912.33
4026966.87       33.81622  (20010209)
        259912.73   4026990.23       31.78472  (20010209)                259913.13
4027013.59       28.79624  (20010209)
        259893.11   4026879.46       30.94721  (20010209)                259924.52
4026836.29       29.33768  (20010209)
        259886.54   4026920.57       28.41249  (20010209)                259886.94
4026943.93       26.41232  (20010209)
        259887.34   4026967.29       23.83805  (20010209)                259887.73
4026990.66       24.61327  (22122116)
        259888.13   4027014.02       31.58485  (22122116)                259868.12
4026879.88       25.75609  (20010209)
        259882.06   4026844.38       29.18675  (20010209)                259906.50
4026818.96       28.82152  (20010209)
        259861.54   4026921.00       20.50721  (20010209)                259861.94
4026944.36       18.03982  (20010209)
        259862.34   4026967.72       21.72568  (22122116)                259862.74
4026991.08       27.93389  (22122116)
        259863.14   4027014.44       33.27622  (22122116)                259819.52
4026877.19       13.68140  (20010209)
        259827.89   4026855.88       17.51914  (20010209)                259836.25
4026834.58       20.97878  (20010209)
        259844.62   4026813.28       23.72201  (20010209)                259873.94
4026782.78       26.76991  (20010209)
        259894.90   4026773.58       25.85534  (20010209)                259915.85
4026764.37       22.85740  (20010209)
        259936.80   4026755.17       18.43259  (20010209)                259811.55
4026921.85       16.94249  (22122116)
        259811.95   4026945.21       21.66570  (22122116)                259812.35
4026968.57       26.15460  (22122116)
        259812.75   4026991.93       29.69593  (22122116)                259813.14
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4027015.30       30.72390  (22122116)
        259769.13   4026879.05       13.78067  (22122116)                259785.07
4026838.48        9.92327  (20010209)
↑ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 510
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2B  ***
                                  INCLUDING SOURCE(S):     PHASE2B     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        259801.00   4026797.90       15.98162  (20010209)                259836.90
4026748.57       23.49365  (20010209)
        259876.81   4026731.04       23.54930  (20010209)                259916.72
4026713.51       17.33153  (20010209)
        259718.91   4026880.47       18.60729  (22122116)                259734.41
4026841.02       11.08982  (22122116)
        259749.90   4026801.57        7.05301  (20010209)                259765.40
4026762.13       11.91920  (20010209)
        259800.30   4026714.16       19.76336  (20010209)                259839.10
4026697.12       22.37539  (20010209)
        259877.90   4026680.08       19.26459  (20010209)                259916.71
4026663.03       12.54099  (20010209)
        259669.54   4026879.74       20.23489  (22122116)                259677.91
4026858.44       18.01745  (22122116)
        259686.28   4026837.14       14.76955  (22122116)                259694.64
4026815.84       11.10376  (22122116)
        259703.01   4026794.54        7.55123  (22122116)                259711.38
4026773.24        4.64436  (22122116)
        259719.75   4026751.94        6.17192  (20010209)                259728.11
4026730.63        8.33696  (20010209)
        259736.48   4026709.33       10.69058  (20010209)                259765.80
4026678.83       16.30905  (20010209)
        259786.76   4026669.63       18.94390  (20010209)                259807.71
4026660.42       20.41429  (20010209)
        259828.66   4026651.22       20.36471  (20010209)                259849.62
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4026642.02 18.84700 (20010209)
  259870.57 4026632.82 16.19383 (20010209) 259891.53
4026623.61 12.89667 (20010209)
  259912.48 4026614.41 9.44656 (20010209) 259933.43
4026605.21 6.33968 (20010209)
  259569.16 4026882.46 16.77762 (22122116) 259585.09
4026841.89 18.37241 (22122116)
  259601.03 4026801.31 15.80378 (22122116) 259616.97
4026760.74 10.45776 (22122116)
  259632.91 4026720.17 5.17164 (22122116) 259648.85
4026679.59 3.46011 (22122709)
  259664.78 4026639.02 5.87944 (20010209) 259692.71
4026609.97 10.05715 (20010209)
  259732.62 4026592.44 15.00581 (20010209) 259772.53
4026574.91 17.59629 (20010209)
  259812.45 4026557.38 16.18627 (20010209) 259852.36
4026539.85 11.63395 (20010209)
  259892.27 4026522.32 6.44853 (20010209) 259485.81
4026841.80 14.67243 (20121509)
  259502.22 4026800.04 16.00994 (22122116) 259518.63
4026758.27 15.03546 (22122116)
  259535.03 4026716.50 11.05950 (22122116) 259543.24
4026695.62 8.56865 (22122116)
  259559.64 4026653.85 4.24560 (22122116) 259576.05
4026612.08 3.04268 (22122709)
  259592.46 4026570.32 3.60083 (18120709) 259621.20
4026540.41 5.93340 (20010209)
  259662.29 4026522.37 10.22913 (20010209) 259703.37
4026504.32 14.05572 (20010209)
  259744.46 4026486.28 15.30979 (20010209) 259785.55
4026468.23 13.20559 (20010209)
  259826.63 4026450.19 8.99339 (20010209) 259867.72
4026432.14 4.79099 (20010209)
  259888.26 4026423.12 3.18381 (20010209) 259377.95
4026863.56 15.34494 (20121509)
  259386.32 4026842.26 15.41245 (20121509) 259394.69
4026820.95 14.73370 (20121509)
  259403.05 4026799.65 13.28461 (20121509) 259411.42
4026778.35 12.73917 (22122116)
  259419.79 4026757.05 13.82502 (22122116) 259428.16
4026735.75 14.24917 (22122116)
  259436.52 4026714.45 13.92754 (22122116) 259444.89
4026693.15 12.88984 (22122116)
  259453.26 4026671.84 11.26071 (22122116) 259461.63
4026650.54 9.25925 (22122116)
  259469.99 4026629.24 7.15207 (22122116) 259478.36
4026607.94 5.17870 (22122116)
  259486.73 4026586.64 3.51204 (22122116) 259495.10
4026565.34 2.75733 (18121209)
  259503.46 4026544.04 2.67242 (18121209) 259511.83

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4026522.74        2.51903  (22122709)
        259520.20   4026501.43        2.61740  (18120709)                259549.52
4026470.93        4.06766  (18120709)
        259570.47   4026461.73        4.83446  (20010209)                259591.43
4026452.53        6.55119  (20010209)
🌲 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 511
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2B  ***
                                  INCLUDING SOURCE(S):     PHASE2B     ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        259612.38   4026443.32        8.42272  (20010209)                259633.33
4026434.12       10.27936  (20010209)
        259654.29   4026424.92       11.88681  (20010209)                259675.24
4026415.71       13.00605  (20010209)
        259696.20   4026406.51       13.50302  (20010209)                259717.15
4026397.31       13.27721  (20010209)
        259738.11   4026388.11       12.34416  (20010209)                259759.06
4026378.90       10.85685  (20010209)
        259780.01   4026369.70        9.02304  (20010209)                259800.97
4026360.50        7.08870  (20010209)
        259821.92   4026351.30        5.27708  (20010209)                259842.88
4026342.09        3.70811  (20010209)
        259863.83   4026332.89        2.52718  (21120809)                259884.78
4026323.69        2.43307  (20010210)
        259905.74   4026314.49        2.50533  (20010210)                259926.69
4026305.28        2.83553  (22011111)
        259361.62   4026929.52       11.87096  (20121509)                259362.01
4026952.88       10.05586  (20121509)
        259362.41   4026976.24        8.06218  (20121509)                259362.81
4026999.61        6.58745  (18012309)
        259363.21   4027022.97        8.83875  (18012309)                259269.72
4026886.25       10.33714  (20121509)
        259278.21   4026864.64       11.95331  (20121509)                259286.70
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4026843.03       13.16234  (20121509)
        259295.19   4026821.42       13.82163  (20121509)                259303.67
4026799.81       13.84288  (20121509)
        259312.16   4026778.20       13.20179  (20121509)                259320.65
4026756.59       11.95616  (20121509)
        259329.14   4026734.98       10.60124  (22122116)                259337.63
4026713.37       11.85553  (22122116)
        259346.12   4026691.76       12.58142  (22122116)                259354.61
4026670.15       12.69623  (22122116)
        259363.10   4026648.54       12.17185  (22122116)                259371.58
4026626.93       11.06464  (22122116)
        259380.07   4026605.32        9.51887  (22122116)                259388.56
4026583.71        7.74022  (22122116)
        259397.05   4026562.10        5.93523  (22122116)                259405.54
4026540.49        4.28869  (22122116)
        259414.03   4026518.88        2.91715  (22122116)                259422.52
4026497.27        2.60472  (18121209)
        259431.00   4026475.66        2.56197  (18121209)                259439.49
4026454.05        2.44558  (18121209)
        259447.98   4026432.44        2.26153  (18121209)                259477.73
4026401.50        3.16766  (18120709)
        259498.99   4026392.16        3.91265  (18120709)                259520.24
4026382.83        4.48704  (18120709)
        259541.50   4026373.49        5.45802  (20010209)                259562.76
4026364.15        7.05037  (20010209)
        259584.02   4026354.82        8.66444  (20010209)                259605.27
4026345.48       10.13799  (20010209)
        259626.53   4026336.15       11.28267  (20010209)                259647.79
4026326.81       11.94470  (20010209)
        259669.05   4026317.47       12.01786  (20010209)                259690.31
4026308.14       11.49855  (20010209)
        259711.56   4026298.80       10.44442  (20010209)                259732.82
4026289.47        8.99417  (20010209)
        259754.08   4026280.13        7.36129  (20010209)                259775.34
4026270.79        5.72532  (20010209)
        259796.59   4026261.46        4.23829  (20010209)                259817.85
4026252.12        2.96239  (20010209)
        259839.11   4026242.79        2.42527  (21120809)                259860.37
4026233.45        2.30343  (20010210)
        259881.62   4026224.11        2.39662  (20010210)                259902.88
4026214.78        2.46140  (22011111)
        259924.14   4026205.44        2.94015  (22011111)                259261.63
4026931.23        6.79357  (20121509)
        259262.03   4026954.59        5.19331  (20121509)                259262.43
4026977.95        6.02739  (18012309)
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4027024.67       10.00998  (18012309)
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4026889.97        3.28715  (20011009)
        259078.00   4026868.67        4.21685  (20121509)                259086.36
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                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B ***
                                  INCLUDING SOURCE(S):   PHASE2B   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

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4026253.83        2.37459  (18120709)
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4026217.02        4.39836  (18120709)
        259458.96   4026207.82        4.83066  (20010209)                259479.91
4026198.61        6.01110  (20010209)
        259500.87   4026189.41        7.18553  (20010209)                259521.82
4026180.21        8.25317  (20010209)
        259542.78   4026171.01        9.10554  (20010209)                259563.73
4026161.80        9.64713  (20010209)
        259584.68   4026152.60        9.81218  (20010209)                259605.64
4026143.40        9.56767  (20010209)
        259626.59   4026134.20        8.95258  (20010209)                259647.55
4026124.99        8.04192  (20010209)
        259668.50   4026115.79        6.91311  (20010209)                259689.45
4026106.59        5.69151  (20010209)
        259710.41   4026097.39        4.48716  (20010209)                259731.36
4026088.18        3.41516  (20010209)
        259752.32   4026078.98        2.68918  (21120809)                259773.27
4026069.78        2.44452  (21120809)
        259794.23   4026060.58        2.04974  (21120809)                259815.18
4026051.37        2.01666  (20010210)
        259836.13   4026042.17        2.13171  (20010210)                259857.09
4026032.97        2.14826  (20010210)
        259878.04   4026023.77        2.19236  (22011111)                259899.00
4026014.56        2.57209  (22011111)
        259919.95   4026005.36        2.89598  (22011111)                259061.66
4026934.64        5.20658  (18012309)
        259062.06   4026958.00        6.87514  (18012309)                259062.46
4026981.36        8.69635  (18012309)
        259062.85   4027004.72       10.40093  (18012309)                259063.25
4027028.08       11.75714  (18012309)
        259063.65   4027051.44       12.60681  (18012309)                258869.81
4026892.99        4.63716  (18012309)
        258878.33   4026871.29        3.49331  (22121309)                258886.86
4026849.60        3.13531  (22121309)
        258895.38   4026827.90        2.70832  (18112609)                258903.90
4026806.20        2.91617  (18112609)
        258912.42   4026784.51        3.87210  (20121509)                258920.95
4026762.81        4.97464  (20121509)
        258929.47   4026741.12        6.12514  (20121509)                258937.99
4026719.42        7.23956  (20121509)
        258946.51   4026697.73        8.21933  (20121509)                258955.04
4026676.03        8.98112  (20121509)
        258963.56   4026654.33        9.44506  (20121509)                258972.08
4026632.64        9.56205  (20121509)
        258980.60   4026610.94        9.31434  (20121509)                258989.12
4026589.25        8.72418  (20121509)
        258997.65   4026567.55        7.84881  (20121509)                259006.17
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4026545.85 6.77852 (20121509)
  259014.69 4026524.16 6.80803 (22122116) 259023.21
4026502.46 7.66948 (22122116)
  259031.74 4026480.77 8.31437 (22122116) 259040.26
4026459.07 8.66731 (22122116)
  259048.78 4026437.38 8.67605 (22122116) 259057.30
4026415.68 8.34550 (22122116)
  259065.83 4026393.98 7.71492 (22122116) 259074.35
4026372.29 6.85004 (22122116)
 *** AERMOD - VERSION 23132 ***   *** D:\LSA\2024\20241686 Hanford Neves\Construction\Construction.isc   *** 07/04/24
 *** AERMET - VERSION 21112 ***   ***   *** 18:20:08

                                  PAGE 513
 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE2B ***
                                  INCLUDING SOURCE(S):   PHASE2B   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF OTHER   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

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4026039.91        4.51847  (20010209)
        259402.86   4026030.53        5.44381  (20010209)                259424.20
4026021.16        6.32872  (20010209)
        259445.54   4026011.79        7.09990  (20010209)                259466.88
4026002.41        7.68410  (20010209)
        259488.22   4025993.04        8.04280  (20010209)                259509.57
4025983.67        8.13077  (20010209)
        259530.91   4025974.29        7.92555  (20010209)                259552.25
4025964.92        7.43399  (20010209)
        259573.59   4025955.55        6.72875  (20010209)                259594.94
4025946.18        5.87985  (20010209)
        259616.28   4025936.80        4.95144  (20010209)                259637.62
4025927.43        4.00625  (20010209)
        259658.96   4025918.06        3.12602  (20010209)                259680.30
4025908.68        2.56560  (21120809)
        259701.65   4025899.31        2.46321  (21120809)                259722.99
4025889.94        2.21759  (21120809)
        259744.33   4025880.56        1.86910  (21120809)                259765.67
4025871.19        1.77865  (20010210)
        259787.01   4025861.82        1.92871  (20010210)                259808.36
4025852.45        2.00048  (20010210)
        259829.70   4025843.07        1.98337  (20010210)                259851.04
4025833.70        2.00786  (22011111)
        259872.38   4025824.33        2.33954  (22011111)                259893.72
4025814.95        2.62933  (22011111)
        259915.07   4025805.58        2.85522  (22011111)                258861.29
4026914.68        5.93986  (18012309)
        258861.69   4026938.04        7.43314  (18012309)                258862.09
4026961.41        9.04298  (18012309)
        258862.48   4026984.77       10.64658  (18012309)                258862.88
4027008.13       11.84581  (18012309)
        258863.28   4027031.49       12.54362  (18012309)                258863.68
4027054.85       12.77205  (18012309)
        258669.75   4026896.63        6.66378  (18012309)                258678.18
4026875.16        5.25319  (18012309)
        258686.62   4026853.69        3.97741  (18012309)                258695.05
4026832.23        3.38594  (22121309)
        258703.48   4026810.76        3.07643  (22121309)                258711.91
4026789.29        2.69439  (22121309)
        258720.34   4026767.83        2.46788  (18112609)                258728.78
4026746.36        2.65329  (18112609)
        258737.21   4026724.89        2.74486  (18112609)                258745.64
4026703.43        3.39338  (20121509)
        258754.07   4026681.96        4.27321  (20121509)                258762.51
4026660.50        5.17969  (20121509)
        258770.94   4026639.03        6.06685  (20121509)                258779.37
4026617.56        6.87622  (20121509)
        258787.80   4026596.10        7.55035  (20121509)                258796.23
4026574.63        7.98998  (20121509)
        258804.67   4026553.16        8.16823  (20121509)                258813.10
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4026531.70   8.06846 (20121509)
        258821.53   4026510.23   7.69882 (20121509)   258829.96
4026488.76   7.11577 (20121509)
        258838.40   4026467.30   6.33900 (20121509)   258846.83
4026445.83   5.44895 (20121509)
        258855.26   4026424.36   5.38126 (22122116)   258863.69
4026402.90   6.13665 (22122116)
        258872.13   4026381.43   6.77020 (22122116)   258880.56
4026359.97   7.22045 (22122116)
        258888.99   4026338.50   7.40001 (22122116)   258897.42
4026317.03   7.34741 (22122116)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B ***
                                  INCLUDING SOURCE(S):   PHASE2B   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        258905.85   4026295.57   7.05701 (22122116)   258914.29
4026274.10   6.52386 (22122116)
        258922.72   4026252.63   5.82502 (22122116)   258931.15
4026231.17   5.04373 (22122116)
        258939.58   4026209.70   4.23820 (22122116)   258948.02
4026188.23   3.42282 (22122116)
        258956.45   4026166.77   2.66891 (22122116)   258964.88
4026145.30   2.38606 (22021109)
        258973.31   4026123.83   2.35449 (22021109)   258981.74
4026102.37   2.23783 (22021109)
        258990.18   4026080.90   2.07753 (22021109)   258998.61
4026059.44   1.91932 (18121209)
        259007.04   4026037.97   1.93743 (18121209)   259015.47
4026016.50   1.91911 (18121209)
        259045.02   4025985.76   1.80250 (18121209)   259066.14
4025976.49   1.70011 (18121209)
        259087.25   4025967.21   1.56791 (18121209)   259108.37

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4025957.94        1.41274  (18121209)
        259129.49   4025948.67        1.71611  (18120709)                259150.60
4025939.39        2.21297  (18120709)
        259171.72   4025930.12        2.72514  (18120709)                259192.84
4025920.84        3.18696  (18120709)
        259213.95   4025911.57        3.55200  (18120709)                259235.07
4025902.30        3.77846  (18120709)
        259256.19   4025893.02        3.83004  (18120709)                259277.30
4025883.75        3.69671  (18120709)
        259298.42   4025874.48        4.00456  (20010209)                259319.54
4025865.20        4.73017  (20010209)
        259340.65   4025855.93        5.42289  (20010209)                259361.77
4025846.65        6.02759  (20010209)
        259382.89   4025837.38        6.50531  (20010209)                259404.00
4025828.11        6.82942  (20010209)
        259425.12   4025818.83        6.94344  (20010209)                259446.23
4025809.56        6.83735  (20010209)
        259467.35   4025800.28        6.52853  (20010209)                259488.47
4025791.01        6.05673  (20010209)
        259509.58   4025781.74        5.45021  (20010209)                259530.70
4025772.46        4.75486  (20010209)
        259551.82   4025763.19        4.02162  (20010209)                259572.93
4025753.91        3.30255  (20010209)
        259594.05   4025744.64        2.62798  (20010209)                259615.17
4025735.37        2.40971  (21120809)
        259636.28   4025726.09        2.40407  (21120809)                259657.40
4025716.82        2.26241  (21120809)
        259678.52   4025707.55        2.00592  (21120809)                259699.63
4025698.27        1.68791  (21120809)
        259720.75   4025689.00        1.63087  (20010210)                259741.87
4025679.72        1.77003  (20010210)
        259762.98   4025670.45        1.85143  (20010210)                259784.10
4025661.18        1.86360  (20010210)
        259805.21   4025651.90        1.80370  (20010210)                259826.33
4025642.63        1.84958  (22011111)
        259847.45   4025633.35        2.12600  (22011111)                259868.56
4025624.08        2.38353  (22011111)
        259889.68   4025614.81        2.59805  (22011111)                259910.80
4025605.53        2.73023  (22011111)
        258661.32   4026918.09        8.09448  (18012309)                258661.72
4026941.45        9.48020  (18012309)
        258662.12   4026964.82       10.61617  (18012309)                258662.51
4026988.18       11.34493  (18012309)
        258662.91   4027011.54       11.71933  (18012309)                258663.31
4027034.90       11.87327  (18012309)
        258663.71   4027058.26       11.68017  (18012309)                258469.89
4026899.77        8.02938  (18012309)
        258478.42   4026878.03        6.98669  (18012309)                258486.96
4026856.29        5.83482  (18012309)
        258495.50   4026834.56        4.68229  (18012309)                258504.04
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        258615.03   4026530.25   6.09959 (20121509)   258623.57
4026508.52   6.59919 (20121509)
        258632.11   4026486.78   6.91507 (20121509)   258640.65
4026465.05   7.02948 (20121509)
        258649.19   4026443.31   6.95075 (20121509)   258657.73
4026421.57   6.68010 (20121509)
        258666.26   4026399.84   6.20847 (20121509)   258674.80
4026378.10   5.59199 (20121509)
        258683.34   4026356.37   4.87909 (20121509)   258691.88
4026334.63   4.11573 (20121509)
        258700.42   4026312.89   4.74047 (22122116)   258708.95
4026291.16   5.36017 (22122116)
        258717.49   4026269.42   5.86711 (22122116)   258726.03
4026247.69   6.21723 (22122116)
        258734.57   4026225.95   6.37005 (22122116)   258743.11

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4026204.21        6.30504  (22122116)
        258751.64   4026182.48        6.06705  (22122116)                258760.18
4026160.74        5.71326  (22122116)
        258768.72   4026139.01        5.20351  (22122116)                258777.26
4026117.27        4.58704  (22122116)
        258785.80   4026095.53        3.91336  (22122116)                258794.34
4026073.80        3.24242  (22122116)
        258802.87   4026052.06        2.60406  (22122116)                258811.41
4026030.33        2.17617  (22021109)
        258819.95   4026008.59        2.18028  (22021109)                258828.49
4025986.85        2.13853  (22021109)
        258837.03   4025965.12        2.05591  (22021109)                258845.56
4025943.38        1.94645  (22021109)
        258854.10   4025921.65        1.81090  (22021109)                258862.64
4025899.91        1.78393  (18121209)
        258871.18   4025878.17        1.79331  (18121209)                258901.10
4025847.05        1.72051  (18121209)
        258922.48   4025837.66        1.65243  (18121209)                258943.86
4025828.27        1.56162  (18121209)
        258965.24   4025818.88        1.45170  (18121209)                258986.63
4025809.49        1.32138  (18121209)
        259008.01   4025800.09        1.33049  (18120709)                259029.39
4025790.70        1.75569  (18120709)
        259050.77   4025781.31        2.21359  (18120709)                259072.15
4025771.92        2.67052  (18120709)
        259093.53   4025762.53        3.08329  (18120709)                259114.92
4025753.14        3.40707  (18120709)
        259136.30   4025743.75        3.58833  (18120709)                259157.68
4025734.36        3.61240  (18120709)
        259179.06   4025724.97        3.47525  (18120709)                259200.44
4025715.58        3.19275  (18120709)
        259221.82   4025706.19        3.75682  (20010209)                259243.21
4025696.80        4.34839  (20010209)
        259264.59   4025687.41        4.90459  (20010209)                259285.97
4025678.02        5.38560  (20010209)
        259307.35   4025668.63        5.75433  (20010209)                259328.73
4025659.24        5.96922  (20010209)
        259350.11   4025649.85        6.01463  (20010209)                259371.50
4025640.46        5.90648  (20010209)
        259392.88   4025631.07        5.64999  (20010209)                259414.26
4025621.68        5.26353  (20010209)
        259435.64   4025612.29        4.77815  (20010209)                259457.02
4025602.90        4.21364  (20010209)
        259478.40   4025593.51        3.61365  (20010209)                259499.79
4025584.12        3.01740  (20010209)
        259521.17   4025574.73        2.44718  (20010209)                259542.55
4025565.34        2.32596  (18020109)
        259563.93   4025555.95        2.28186  (21120809)                259585.31
4025546.55        2.24604  (21120809)
        259606.69   4025537.16        2.10584  (21120809)                259628.08
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4025527.77        1.87834  (21120809)
        259649.46   4025518.38        1.58752  (21120809)                 259670.84
4025508.99        1.44562  (20010210)
        259692.22   4025499.60        1.58853  (20010210)                 259713.60
4025490.21        1.68549  (20010210)
        259734.98   4025480.82        1.73492  (20010210)                 259756.37
4025471.43        1.72403  (20010210)
        259777.75   4025462.04        1.65808  (20010210)                 259799.13
4025452.65        1.70877  (22011111)
        259820.51   4025443.26        1.95677  (22011111)                 259841.89
4025433.87        2.18002  (22011111)
        259863.27   4025424.48        2.36624  (22011111)                 259884.66
4025415.09        2.50141  (22011111)
        259906.04   4025405.70        2.57861  (22011111)                 258461.35
4026921.50        9.07834  (18012309)
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 516
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2B  ***
                                  INCLUDING SOURCE(S):     PHASE2B     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        258461.75   4026944.86        9.95189  (18012309)                 258462.14
4026968.23       10.55813  (18012309)
        258462.54   4026991.59       10.91298  (18012309)                 258462.94
4027014.95       10.78129  (18012309)
        258463.34   4027038.31       10.41773  (18012309)                 258463.74
4027061.67        9.88811  (18012309)
        259934.28   4026786.78       22.48184  (20010209)                 259843.61
4026789.17       24.12047  (20010209)
        259775.62   4026790.96       11.72241  (20010209)                 259910.29
4026737.40       20.79934  (20010209)
        259796.97   4026740.38       18.43125  (20010209)                 259774.30
4026740.98       14.69023  (20010209)
        259751.64   4026741.57       11.02241  (20010209)                 259930.33
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4026636.84        8.61914  (20010209)
        259794.33   4026640.42       19.41176  (20010209)                259771.67
4026641.01       17.75074  (20010209)
        259749.00   4026641.61       15.40531  (20010209)                259950.36
4026536.27        3.11295  (22011111)
        259927.70   4026536.87        3.92842  (20010209)                259791.70
4026540.45       16.34874  (20010209)
        259769.04   4026541.05       16.76493  (20010209)                259746.37
4026541.64       16.30123  (20010209)
        259947.73   4026436.31        3.20940  (22011111)                259925.07
4026436.90        2.71257  (20010210)
        259789.07   4026440.48       11.54704  (20010209)                259766.41
4026441.08       13.01480  (20010209)
        259743.74   4026441.68       13.98267  (20010209)                259945.10
4026336.34        3.20396  (22011111)
        259922.43   4026336.94        2.68633  (22011111)                259786.44
4026340.52        7.41973  (20010209)
        259763.77   4026341.12        9.02379  (20010209)                259741.11
4026341.71       10.45910  (20010209)
        259939.84   4026136.41        3.20535  (22011111)                259917.17
4026137.01        2.83203  (22011111)
        259894.50   4026137.61        2.36879  (22011111)                259871.84
4026138.20        2.28892  (20010210)
        259849.17   4026138.80        2.24231  (20010210)                259826.51
4026139.40        2.07955  (20010210)
        259803.84   4026139.99        2.39767  (21120809)                259781.18
4026140.59        2.67965  (21120809)
        259758.51   4026141.19        3.30993  (20010209)                259735.85
4026141.78        4.32932  (20010209)
        259934.57   4025936.48        3.04442  (22011111)                259911.91
4025937.08        2.81013  (22011111)
        259889.24   4025937.67        2.50017  (22011111)                259866.58
4025938.27        2.12998  (22011111)
        259843.91   4025938.87        2.07543  (20010210)                259821.24
4025939.46        2.07129  (20010210)
        259798.58   4025940.06        1.97140  (20010210)                259775.91
4025940.66        1.79946  (20010210)
        259753.25   4025941.25        2.06062  (21120809)                259730.58
4025941.85        2.36532  (21120809)
        259929.31   4025736.55        2.91545  (22011111)                259906.64
4025737.15        2.77557  (22011111)
        259883.98   4025737.74        2.55052  (22011111)                259861.31
4025738.34        2.26680  (22011111)
        259838.65   4025738.94        1.93957  (22011111)                259815.98
4025739.53        1.89193  (20010210)
        259793.32   4025740.13        1.92710  (20010210)                259770.65
4025740.73        1.88424  (20010210)
        259747.99   4025741.32        1.77042  (20010210)                259725.32
4025741.92        1.60477  (20010210)
        259924.05   4025536.62        2.71187  (22011111)                259901.38
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4025537.22        2.63089  (22011111)
        259878.72   4025537.81        2.47884  (22011111)                259856.05
4025538.41        2.27108  (22011111)
        259833.38   4025539.01        2.03425  (22011111)                259810.72
4025539.60        1.77070  (22011111)
        259788.05   4025540.20        1.72714  (20010210)                259765.39
4025540.80        1.78282  (20010210)
        259742.72   4025541.39        1.77901  (20010210)                259720.06
4025541.99        1.71223  (20010210)
        260259.41   4027030.57       62.44061  (19121116)                260258.91
4027007.71       65.29507  (19121116)
        260258.41   4026984.85       64.98556  (19121116)                260257.92
4026961.98       61.26437  (19121116)
        260257.42   4026939.12       54.60346  (19121116)                260256.92
4026916.26       47.43672  (19121116)
        260256.42   4026893.39       40.18175  (19121116)                260359.39
4027028.40       26.27436  (21122009)
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                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2B  ***
                                  INCLUDING SOURCE(S):     PHASE2B     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        260358.89   4027005.53       29.09509  (22010709)                260358.39
4026982.67       31.30992  (22010709)
        260357.89   4026959.81       32.50725  (22010709)                260357.39
4026936.94       36.16253  (19121116)
        260356.90   4026914.08       39.58910  (19121116)                260356.40
4026891.22       41.86932  (19121116)
        260459.36   4027026.22       15.93213  (21122009)                260458.87
4027003.35       17.83151  (21122009)
        260458.37   4026980.49       19.29878  (21122009)                260457.87
4026957.63       20.30164  (21122009)
        260457.37   4026934.76       20.40157  (21122009)                260456.87
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4026911.90       21.43579  (22010709)
        260456.37   4026889.04       23.55795  (22010709)                260659.32
4027021.86       11.28215  (18011209)
        260658.82   4026998.99       11.05666  (18011209)                260658.32
4026976.13       10.39685  (18011209)
        260657.82   4026953.27        9.14077  (18011209)                260657.32
4026930.40        7.49285  (21122009)
        260656.82   4026907.54        9.47477  (21122009)                260656.33
4026884.68       11.28849  (21122009)
        260859.27   4027017.50        7.99906  (18011209)                260858.77
4026994.64        8.58632  (18011209)
        260858.27   4026971.77        8.87772  (18011209)                260857.77
4026948.91        8.85264  (18011209)
        260857.28   4026926.05        8.43000  (18011209)                260856.78
4026903.18        7.69860  (18011209)
        260856.28   4026880.32        6.65170  (18011209)                261059.22
4027013.14        6.36069  (22122809)
        261058.72   4026990.28        6.15300  (22122809)                261058.22
4026967.42        5.95375  (18011209)
        261057.73   4026944.55        6.59781  (18011209)                261057.23
4026921.69        6.96603  (18011209)
        261056.73   4026898.83        7.12193  (18011209)                261056.23
4026875.96        7.12817  (18011209)
        261259.17   4027008.78        5.20078  (22122809)                261258.68
4026985.92        5.34974  (22122809)
        261258.18   4026963.06        5.30129  (22122809)                261257.68
4026940.19        5.05496  (22122809)
        261257.18   4026917.33        4.62101  (22122809)                261256.68
4026894.47        5.14633  (18011209)
        261256.18   4026871.60        5.65556  (18011209)                259796.13
4026879.73       10.84450  (22122116)
        259754.95   4026854.32       11.10134  (22122116)                259754.15
4026829.33        7.45179  (22122116)
        259782.14   4026815.29       11.13166  (20010209)                259810.93
4026826.23       15.98502  (20010209)
        259798.03   4026771.96       17.03930  (20010209)                259766.16
4026710.47       15.02044  (20010209)
        259713.18   4026705.57        7.84516  (20010209)                259863.07
4026697.95       21.88788  (20010209)
        259730.08   4026655.01       12.57084  (20010209)                259763.58
4026610.76       17.35358  (20010209)
        259879.85   4026654.96       16.94823  (20010209)                259977.30
4026719.03        7.77834  (20010209)
        259998.89   4026767.78        8.08826  (20010209)                259760.72
4026510.93       15.94429  (20010209)
        259828.46   4026536.69       13.77295  (20010209)                259879.27
4026556.01        9.67775  (20010209)
        259913.14   4026568.88        6.63806  (20010209)                259757.73
4026411.06       12.23656  (20010209)
        259877.69   4026456.67        4.96145  (20010209)                259911.97
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4026469.70   3.00973 (20010209)
        260031.93   4026515.31   4.40333 (22011111)   260066.20
4026528.34   5.33892 (20122409)
        260107.90   4026558.14   11.79319 (20122409)   260137.61
4026625.19   18.94904 (20122409)
        260182.16   4026725.77   24.39591 (20122409)   260197.01
4026759.29   23.09829 (20122409)
        260211.87   4026792.82   22.36351 (19120316)   260226.72
4026826.34   27.76441 (19120316)
        260241.57   4026859.87   30.50486 (19120316)   259754.68
4026311.16   8.46712 (20010209)
        259875.60   4026357.14   2.44821 (21120809)   259910.15
4026370.27   2.57624 (20010210)
        260031.07   4026416.25   4.04739 (22011111)   260065.62
4026429.38   3.79212 (20122409)
        260100.17   4026442.52   7.38987 (20122409)   260134.71
4026455.65   11.80992 (20122409)
        260199.20   4026536.38   17.98675 (20122409)   260214.18
4026570.17   18.00493 (20122409)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B ***
                                 INCLUDING SOURCE(S):   PHASE2B   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        260229.15   4026603.97   17.03089 (20122409)   260244.12
4026637.76   14.67655 (20122409)
        260259.09   4026671.55   18.08719 (19120316)   260274.06
4026705.35   21.82078 (19120316)
        260289.03   4026739.14   23.19577 (19120316)   260304.00
4026772.94   21.43585 (19120316)
        260318.97   4026806.73   32.26821 (19121116)   260333.94
4026840.52   41.23466 (19121116)
        259751.01   4026211.03   5.36787 (20010209)   259784.60

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4026223.80        3.92300  (20010209)
        259868.57   4026255.73        2.35863  (20010210)                259902.16
4026268.50        2.45489  (20010210)
        260036.52   4026319.58        3.62566  (22011111)                260070.11
4026332.35        3.31401  (22020909)
        260103.69   4026345.12        5.89469  (20122409)                260137.28
4026357.90        9.39066  (20122409)
        260170.87   4026370.67       12.59284  (20122409)                260221.26
4026389.82       14.60022  (20122409)
        260252.61   4026429.06       13.57691  (20122409)                260267.16
4026461.92       12.17439  (20122409)
        260281.71   4026494.77       10.30551  (20122409)                260296.27
4026527.63       12.39467  (19120316)
        260310.82   4026560.48       15.84495  (19120316)                260325.38
4026593.34       18.09585  (19120316)
        260339.93   4026626.19       18.68678  (19120316)                260354.49
4026659.05       17.02387  (19120316)
        260369.04   4026691.90       19.93372  (19121116)                260383.60
4026724.76       28.70741  (19121116)
        260398.15   4026757.62       35.04890  (19121116)                260412.71
4026790.47       36.66774  (19121116)
        260427.26   4026823.33       32.55297  (19121116)                260441.82
4026856.18       26.31901  (22010709)
        259715.72   4026205.24        7.13622  (20010209)                259744.88
4026011.23        2.49648  (21120809)
        259778.98   4026024.19        2.09398  (21120809)                259864.21
4026056.60        2.15897  (20010210)
        259898.31   4026069.56        2.48481  (22011111)                259932.40
4026082.52        3.03278  (22011111)
        259966.50   4026095.49        3.38041  (22011111)                260000.59
4026108.45        3.42438  (22011111)
        260034.68   4026121.41        3.14693  (22011111)                260068.78
4026134.38        2.95608  (22020909)
        260102.87   4026147.34        3.56700  (22020909)                260136.97
4026160.30        5.83892  (20122409)
        260171.06   4026173.26        8.45293  (20122409)                260222.20
4026192.71       11.34954  (20122409)
        260341.53   4026238.08        6.78817  (20122409)                260383.01
4026267.72        8.00247  (19120316)
        260397.79   4026301.06       10.39525  (19120316)                260412.56
4026334.41       12.25983  (19120316)
        260427.33   4026367.76       13.26998  (19120316)                260442.11
4026401.11       13.12156  (19120316)
        260456.88   4026434.46       11.71768  (19120316)                260471.65
4026467.81        9.41667  (19120316)
        260486.43   4026501.16       13.47062  (19121116)                260501.20
4026534.51       18.87080  (19121116)
        260515.98   4026567.86       23.39354  (19121116)                260530.75
4026601.21       25.29729  (19121116)
        260545.52   4026634.56       24.46205  (19121116)                260560.30
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4026667.91       21.32647  (19121116)
        260575.07   4026701.26       19.28559  (22010709)                260589.84
4026734.61       18.78088  (22010709)
        260604.62   4026767.96       15.70774  (22010709)                260619.39
4026801.30       14.82667  (21122009)
        260634.17   4026834.65       14.77203  (21122009)                259709.35
4026005.34        2.81120  (20010209)
        259738.67   4025811.39        1.61964  (21120809)                259773.09
4025824.48        1.86328  (20010210)
        259859.15   4025857.20        2.10835  (22011111)                259893.58
4025870.29        2.60385  (22011111)
        259928.00   4025883.38        2.96080  (22011111)                259962.42
4025896.47        3.13232  (22011111)
        259996.85   4025909.55        3.07885  (22011111)                260031.27
4025922.64        2.77718  (22011111)
        260065.69   4025935.73        2.56088  (22020909)                260100.12
4025948.82        3.15877  (22020909)
        260134.54   4025961.91        3.60648  (20122409)                260168.96
4025974.99        5.49011  (20122409)
        260341.08   4026040.43        7.81748  (20122409)                260375.50
4026053.52        5.87307  (20122409)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 519
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2B  ***
                                  INCLUDING SOURCE(S):     PHASE2B     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        260409.93   4026066.61        4.25696  (18020510)                260444.35
4026079.70        6.11926  (19120316)
        260478.78   4026092.79        8.33566  (19120316)                260520.66
4026122.71       10.14220  (19120316)
        260535.57   4026156.38       10.10997  (19120316)                260550.49
4026190.05        9.30866  (19120316)
        260565.41   4026223.72        8.00354  (19120316)                260580.32
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        260595.24   4026291.07        7.57224  (19121116)                260610.16
4026324.74       11.04882  (19121116)
        260625.07   4026358.41       14.86754  (19121116)                260639.99
4026392.08       17.85230  (19121116)
        260654.91   4026425.75       19.38587  (19121116)                260669.82
4026459.43       19.43724  (19121116)
        260684.74   4026493.10       17.52002  (19121116)                260699.66
4026526.77       14.02423  (19121116)
        260714.57   4026560.44       15.09829  (22010709)                260729.49
4026594.11       14.68574  (22010709)
        260744.40   4026627.78       12.55784  (22010709)                260759.32
4026661.45       10.97703  (21122009)
        260774.24   4026695.13       12.07780  (21122009)                260789.15
4026728.80       11.57333  (21122009)
        260804.07   4026762.47        9.70138  (21122009)                260818.99
4026796.14        7.11817  (21122009)
        260833.90   4026829.81        5.44496  (22120209)                259702.97
4025805.44        2.10921  (21120809)
        259732.09   4025611.42        1.74667  (20010210)                259766.12
4025624.36        1.83580  (20010210)
        259851.18   4025656.70        2.16126  (22011111)                259885.21
4025669.63        2.55719  (22011111)
        259919.23   4025682.57        2.85428  (22011111)                259953.26
4025695.51        2.90283  (22011111)
        259987.28   4025708.44        2.78239  (22011111)                260021.31
4025721.38        2.51084  (22011111)
        260055.33   4025734.32        2.15677  (22020909)                260089.36
4025747.25        2.68961  (22020909)
        260123.38   4025760.19        3.06054  (22020909)                260157.41
4025773.13        3.20689  (20122409)
        260208.45   4025792.53        5.42094  (20122409)                260344.55
4025844.28        7.59606  (20122409)
        260378.57   4025857.22        6.46898  (20122409)                260412.60
4025870.15        4.95956  (20122409)
        260446.62   4025883.09        3.99937  (18020510)                260480.65
4025896.02        3.79581  (19120316)
        260514.67   4025908.96        5.60813  (19120316)                260548.70
4025921.90        7.29422  (19120316)
        260582.72   4025934.83        8.30893  (19120316)                260616.75
4025947.77        8.35331  (19120316)
        260658.15   4025977.35        6.91545  (19120316)                260672.89
4026010.63        5.74585  (19120316)
        260687.63   4026043.91        4.43900  (19120316)                260702.38
4026077.19        4.37842  (19121116)
        260717.12   4026110.48        6.52911  (19121116)                260731.86
4026143.76        9.06971  (19121116)
        260746.61   4026177.04       11.78184  (19121116)                260761.35
4026210.32       14.17178  (19121116)
        260776.10   4026243.60       15.65956  (19121116)                260790.84
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        260805.58   4026310.17       14.74983  (19121116)                260820.33
4026343.45       12.68029  (19121116)
        260835.07   4026376.73       10.73405  (22010709)                260849.82
4026410.01       12.01212  (22010709)
        260864.56   4026443.30       12.03150  (22010709)                260879.30
4026476.58       10.86628  (22010709)
        260894.05   4026509.86        9.19168  (22122309)                260908.79
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        260923.54   4026576.42        9.85593  (21122009)                260938.28
4026609.71        9.68289  (21122009)
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4026676.27        6.47186  (21122009)
        260982.51   4026709.55        4.45721  (21122009)                260997.26
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        261012.00   4026776.12        5.50438  (22120209)                261026.74
4026809.40        5.90217  (22120209)
        261041.49   4026842.68        6.52931  (18011209)                259696.59
4025605.54        1.53119  (20010210)
        259725.84   4025411.57        1.69829  (20010210)                259760.11
4025424.60        1.67046  (20010210)
        259845.80   4025457.18        2.20347  (22011111)                259880.07
4025470.21        2.48104  (22011111)
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 520
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2B  ***
                                 INCLUDING SOURCE(S):     PHASE2B     ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        259914.35   4025483.24        2.65079  (22011111)                259948.62
4025496.27        2.65953  (22011111)
        259982.90   4025509.30        2.50621  (22011111)                260017.17
4025522.34        2.22284  (22011111)
        260051.45   4025535.37        1.88217  (22020909)                260085.72
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4025574.46        2.89794  (22020909)
        260205.68   4025594.01        3.68782  (20122409)                260291.37
4025626.59        6.42058  (20122409)
        260342.78   4025646.13        6.86558  (20122409)                260377.05
4025659.16        6.46823  (20122409)
        260411.33   4025672.20        5.55448  (20122409)                260445.60
4025685.23        4.37729  (20122409)
        260479.88   4025698.26        3.62109  (18020510)                260514.15
4025711.29        3.57257  (18020510)
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        260754.07   4025802.51        5.22068  (19120316)                260795.77
4025832.30        3.26273  (19120316)
        260810.63   4025865.83        2.75690  (19121116)                260825.48
4025899.36        4.14763  (19121116)
        260840.33   4025932.88        5.87924  (19121116)                260855.18
4025966.41        7.79513  (19121116)
        260870.03   4025999.93        9.79924  (19121116)                260884.89
4026033.46       11.51772  (19121116)
        260899.74   4026066.98       12.71976  (19121116)                260914.59
4026100.51       13.07388  (19121116)
        260929.44   4026134.04       12.50818  (19121116)                260944.29
4026167.56       11.11577  (19121116)
        260959.14   4026201.09        9.12659  (19121116)                260974.00
4026234.61        9.12059  (22010709)
        260988.85   4026268.14       10.05831  (22010709)                261003.70
4026301.67       10.07744  (22010709)
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        261107.66   4026536.35        6.99232  (21122009)                261122.52
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4026703.97        5.09405  (22120209)
        261196.78   4026737.50        5.42608  (22120209)                261211.63
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        259643.97   4026857.11       19.21120  (22122116)                259619.13
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4026832.12       17.05957  (22122116)
        259618.59   4026832.66       17.91495  (22122116)                259544.09
4026834.29       17.06266  (22122116)
        259519.25   4026834.83       15.90514  (22122116)                259444.75
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4026809.29       17.03540  (22122116)
        259469.04   4026810.92       14.33460  (22122116)                259444.21
4026811.46       13.21237  (20121509)
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4026756.59        6.29213  (22122116)
        259641.78   4026757.13        8.20009  (22122116)                259592.11
4026758.22       11.92262  (22122116)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 521
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2B  ***
                                  INCLUDING SOURCE(S):     PHASE2B     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        259567.28   4026758.76       13.42061  (22122116)                259542.45
4026759.30       14.50745  (22122116)
        259492.78   4026760.39       15.32192  (22122116)                259467.95
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4026760.93 15.11118 (22122116)
259443.11 4026761.48 14.53923 (22122116) 259690.36
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259665.52 4026706.60 3.72718 (22122709) 259591.02
4026708.23 6.76304 (22122116)
259566.19 4026708.77 8.41264 (22122116) 259491.69
4026710.40 12.61759 (22122116)
259466.85 4026710.95 13.39493 (22122116) 259689.26
4026656.07 7.57199 (20010209)
259639.60 4026657.16 3.40874 (18120709) 259614.76
4026657.70 3.35677 (22122709)
259589.93 4026658.24 3.33424 (22122709) 259515.43
4026659.87 7.12326 (22122116)
259490.59 4026660.41 8.57054 (22122116) 259663.34
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259638.50 4026607.17 4.90659 (20010209) 259613.67
4026607.71 3.50015 (18120709)
259539.17 4026609.34 2.97292 (22122709) 259514.34
4026609.88 3.63972 (22122116)
259439.84 4026611.51 7.33641 (22122116) 259636.32
4026507.19 8.38837 (20010209)
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259561.82 4026508.82 3.76138 (18120709) 259487.32
4026510.45 2.55868 (18121209)
259462.48 4026510.99 2.62945 (18121209) 259634.13
4026407.22 10.88552 (20010209)
259609.30 4026407.76 9.14728 (20010209) 259584.47
4026408.30 7.34070 (20010209)
259559.63 4026408.85 5.63580 (20010209) 259534.80
4026409.39 4.46366 (18120709)
259435.47 4026411.56 2.19693 (18121209) 259631.95
4026307.24 11.48537 (20010209)
259607.12 4026307.78 10.62873 (20010209) 259582.28
4026308.33 9.41197 (20010209)
259557.45 4026308.87 7.98555 (20010209) 259532.61
4026309.41 6.48643 (20010209)
259507.78 4026309.96 5.07106 (20010209) 259482.95
4026310.50 4.40372 (18120709)
259458.11 4026311.04 3.99950 (18120709) 259433.28
4026311.58 3.43283 (18120709)
259679.43 4026206.18 8.95691 (20010209) 259654.60
4026206.72 9.86555 (20010209)
259629.76 4026207.27 10.37957 (20010209) 259604.93
4026207.81 10.44064 (20010209)
259580.10 4026208.35 10.06049 (20010209) 259555.26
4026208.89 9.30155 (20010209)
259530.43 4026209.44 8.26616 (20010209) 259675.06
4026006.23 4.07644 (20010209)
259650.23 4026006.77 5.05606 (20010209) 259625.39

4026007.31   6.01132 (20010209)
        259600.56   4026007.86   6.90648 (20010209)   259575.73
4026008.40   7.63761 (20010209)
        259550.89   4026008.94   8.12294 (20010209)   259526.06
4026009.48   8.31959 (20010209)
        259670.69   4025806.28   2.42658 (21120809)   259645.86
4025806.82   2.48584 (21120809)
        259621.02   4025807.36   2.69673 (20010209)   259596.19
4025807.90   3.40468 (20010209)
        259571.36   4025808.45   4.15032 (20010209)   259546.52
4025808.99   4.89166 (20010209)
        259521.69   4025809.53   5.57852 (20010209)   259666.32
4025606.32   1.73277 (21120809)
        259641.49   4025606.87   2.02550 (21120809)   259616.65
4025607.41   2.22836 (21120809)
        259591.82   4025607.95   2.30321 (21120809)   259566.99
4025608.49   2.27462 (18020109)
        259542.15   4025609.04   2.41557 (18020109)   259517.32
4025609.58   2.90196 (20010209)
        259661.95   4025406.37   1.48993 (20010210)   259637.12
4025406.91   1.32823 (20010210)
        259612.29   4025407.46   1.61537 (21120809)   259587.45
4025408.00   1.87601 (21120809)
        259562.62   4025408.54   2.07850 (21120809)   259537.78
4025409.08   2.17935 (21120809)
        259512.95   4025409.63   2.16384 (21120809)   259488.12
4025410.17   2.21323 (18020109)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B ***
                                 INCLUDING SOURCE(S):   PHASE2B   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        259463.28   4025410.71   2.28293 (18020109)   259438.45

4025411.26 2.50238 (20010209)
  259413.62 4025411.80 2.97235 (20010209) 259422.19
4026953.67 13.40187 (20121509)
  259422.99 4026995.42 9.69141 (20121509) 259396.80
4026933.27 13.48618 (20121509)
  259397.59 4026975.02 10.12536 (20121509) 259398.39
4027016.78 7.75223 (18012309)
  259409.77 4026851.82 15.84250 (20121509) 259317.30
4026860.93 13.61166 (20121509)
  259331.22 4026825.36 14.46189 (20121509) 259355.67
4026799.88 13.93371 (20121509)
  259296.82 4026935.18 8.13969 (20121509) 259297.61
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  259298.41 4027018.68 9.14622 (18012309) 259354.57
4026749.90 11.16754 (22122116)
  259389.55 4026734.53 13.22211 (22122116) 259217.31
4026862.84 9.50932 (20121509)
  259231.23 4026827.26 11.85219 (20121509) 259245.15
4026791.69 13.00116 (20121509)
  259259.07 4026756.11 12.56733 (20121509) 259283.52
4026730.64 11.03342 (20121509)
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4026676.86 12.77536 (22122116)
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4026978.84 6.85921 (18012309)
  259198.43 4027020.59 10.12833 (18012309) 259169.22
4026858.94 7.82294 (20121509)
  259184.41 4026820.13 10.49689 (20121509) 259199.59
4026781.32 12.17608 (20121509)
  259214.78 4026742.51 12.20269 (20121509) 259249.04
4026695.31 9.61229 (20121509)
  259287.20 4026678.55 10.99477 (22122116) 259325.36
4026661.79 12.28768 (22122116)
  259401.68 4026628.27 10.21577 (22122116) 259146.84
4026938.04 4.47101 (20011009)
  259147.64 4026979.79 7.72788 (18012309) 259148.44
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  258983.11 4026827.35 3.70033 (20121509) 258997.76
4026789.90 5.68612 (20121509)
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4026715.00 9.60427 (20121509)
  259041.72 4026677.55 10.28903 (20121509) 259056.37
4026640.10 9.76286 (20121509)
  259071.02 4026602.65 8.18340 (20121509) 259104.09

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        259140.91   4026540.94        9.66821  (22122116)                259177.73
4026524.76        9.92459  (22122116)
        259251.37   4026492.42        7.41411  (22122116)                259288.19
4026476.25        5.01189  (22122116)
        259325.01   4026460.08        2.88235  (22122116)                259361.83
4026443.90        2.49639  (22021109)
        259398.65   4026427.73        2.45483  (18121209)                258946.88
4026941.86        7.08023  (18012309)
        258947.68   4026983.61        9.84882  (18012309)                258948.47
4027025.36       11.93511  (18012309)
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4026454.05        8.79419  (22122116)
        259147.09   4026437.29        7.71953  (22122116)                259185.25
4026420.53        5.99514  (22122116)
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4026370.24        2.35932  (18121209)
        259337.88   4026353.48        2.32012  (18121209)                259376.04
4026336.72        2.07684  (18121209)
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4026790.69        2.62187  (18112609)
        258813.97   4026752.38        3.04449  (20121509)                258828.96
4026714.06        4.69759  (20121509)
        258843.95   4026675.75        6.44440  (20121509)                258858.94
4026637.43        7.87444  (20121509)
        258873.93   4026599.12        8.67278  (20121509)                258888.92
4026560.80        8.48163  (20121509)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 523
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2B  ***
                                 INCLUDING SOURCE(S):     PHASE2B     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4026418.42        7.83934  (22122116)
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4026385.33        7.85443  (22122116)
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4026335.70        3.51795  (22122116)
        259186.24   4026319.15        2.57987  (22021109)               259223.91
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        259261.58   4026286.06        2.25601  (18121209)               259299.25
4026269.52        2.08657  (18121209)
        258746.92   4026945.67        9.06681  (18012309)               258747.71
4026987.42       11.01157  (18012309)
        258748.51   4027029.18       12.15148  (18012309)               258554.15
4026909.20        8.12271  (18012309)
        258569.33   4026870.39        5.91058  (18012309)               258584.52
4026831.58        3.67996  (18012309)
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4026676.33        2.70754  (18112609)
        258660.44   4026637.51        3.96267  (20121509)               258675.63
4026598.70        5.41913  (20121509)
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4026521.08        7.40304  (20121509)
        258721.18   4026482.26        7.41030  (20121509)               258736.36
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        258751.55   4026404.64        5.46011  (20121509)               258766.73
4026365.83        4.89209  (22122116)
        258781.92   4026327.01        6.03014  (22122116)               258816.18
4026279.82        6.86885  (22122116)
        258854.34   4026263.06        6.76025  (22122116)               258892.50
4026246.30        6.10623  (22122116)
        258968.82   4026212.78        3.71282  (22122116)               259006.98
4026196.02        2.45032  (22122116)
        259045.14   4026179.26        2.37619  (22021109)               259083.30
4026162.50        2.13191  (22021109)
        259121.45   4026145.74        2.09062  (18121209)               259159.61
4026128.98        1.98436  (18121209)
        258546.95   4026949.49        9.95041  (18012309)               258547.75
4026991.24       11.21125  (18012309)
        258548.55   4027032.99       11.17938  (18012309)               258354.06
4026913.33        9.57141  (18012309)
        258369.00   4026875.15        7.56294  (18012309)               258383.94
4026836.97        5.34633  (18012309)
        258398.87   4026798.79        3.69187  (18012309)               258413.81
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4026455.15        6.24607  (20121509)
        258548.25   4026416.97        6.57460  (20121509)                258563.19
4026378.79        6.32786  (20121509)
        258578.13   4026340.61        5.58522  (20121509)                258593.07
4026302.43        4.49454  (20121509)
        258608.00   4026264.25        4.04709  (22122116)                258622.94
4026226.07        5.05388  (22122116)
        258637.88   4026187.88        5.75193  (22122116)                258671.59
4026141.46        5.94087  (22122116)
        258709.13   4026124.97        5.57023  (22122116)                258746.66
4026108.48        4.84184  (22122116)
        258821.74   4026075.51        2.81560  (22122116)                258859.28
4026059.02        2.22391  (22021109)
        258896.82   4026042.53        2.20049  (22021109)                258934.36
4026026.04        2.01938  (22021109)
        258971.90   4026009.56        1.89792  (18121209)                259009.43
4025993.07        1.88388  (18121209)
        258346.99   4026953.30       10.57344  (18012309)                258347.79
4026995.05       10.73237  (18012309)
        258348.58   4027036.81        9.91843  (18012309)                258154.17
4026916.97        9.50893  (18012309)
        258169.25   4026878.43        8.69690  (18012309)                258184.33
4026839.88        7.06818  (18012309)
        258199.40   4026801.34        5.17597  (18012309)                258214.48
4026762.80        3.48694  (18012309)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 524
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2B  ***
                                 INCLUDING SOURCE(S):     PHASE2B     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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        258227.58   4026222.02        5.15385  (20121509)                258242.77
4026183.21        4.81474  (20121509)
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4026105.58        3.32762  (20121509)
        258288.32   4026066.77        2.78173  (22122116)                258303.51
4026027.96        3.54265  (22122116)
        258318.69   4025989.14        4.20579  (22122116)                258333.88
4025950.33        4.61377  (22122116)
        258349.06   4025911.52        4.67884  (22122116)                258383.33
4025864.33        4.23676  (22122116)
        258421.49   4025847.57        3.68914  (22122116)                258459.64
4025830.81        3.01230  (22122116)
        258497.80   4025814.05        2.29005  (22122116)                258535.96
4025797.28        1.88354  (22021109)
        258574.12   4025780.52        1.97116  (22021109)                258612.28
4025763.76        1.94768  (22021109)
        258650.44   4025747.00        1.81572  (22021109)                258688.60
4025730.24        1.64198  (18121209)
        258726.76   4025713.48        1.68284  (18121209)                258764.92
4025696.72        1.63137  (18121209)
        258803.07   4025679.96        1.51037  (18121209)                258841.23
4025663.20        1.33242  (18121209)
        258879.39   4025646.44        1.11414  (18121209)                258917.55
4025629.68        1.59050  (18120709)
        258955.71   4025612.92        2.30674  (18120709)                258993.87
4025596.16        2.95263  (18120709)
        259032.03   4025579.40        3.32621  (18120709)                259070.19
4025562.64        3.29157  (18120709)
        259108.35   4025545.88        2.84626  (18120709)                259146.50
4025529.12        3.59830  (20010209)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 525
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2B  ***
                                 INCLUDING SOURCE(S):     PHASE2B     ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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259337.30	4025445.32	4.60725	(20010209)	259375.46	4025428.56	3.84391	(20010209)
257947.06	4026960.93	9.65680	(18012309)	257947.86	4027002.69	8.75347	(18012309)
257948.65	4027044.44	7.17171	(18012309)	259440.80	4026786.83	13.85265	(22122116)
259379.45	4026788.79	12.98613	(20121509)	259436.01	4026636.90	9.41677	(22122116)
259432.81	4026536.95	3.08199	(22122116)	259426.43	4026337.06	2.86457	(18120709)
259420.04	4026137.16	4.44077	(20010209)	259379.14	4026138.47	4.18814	(18120709)
259413.66	4025937.26	6.72041	(20010209)	259372.76	4025938.57	5.52778	(20010209)
259407.27	4025737.36	6.41591	(20010209)	259366.37	4025738.67	6.32406	(20010209)
259400.88	4025537.46	4.54704	(20010209)	259359.98	4025538.77	5.16352	(20010209)
259359.62	4026838.10	15.00995	(20121509)	259400.71	4026338.79	2.17172	(18120709)
259330.90	4027040.02	10.65393	(18012309)	259334.08	4027080.58	13.20921	(18012309)
259338.10	4026995.92	6.58911	(18012309)	259305.97	4027041.98	11.01323	(18012309)
259309.16	4027082.54	13.33149	(18012309)	259338.57	4026970.92	7.29543	(20121509)
259282.64	4027064.21	12.57754	(18012309)	259285.83	4027104.77	13.85981	(18012309)
259320.38	4026953.78	7.79310	(20121509)	259259.31	4027086.45	13.48324	(18012309)
259219.74	4027011.60	9.32627	(18012309)	259233.19	4026973.40	5.94851	(18012309)
259206.28	4027049.81	11.93914	(18012309)	259209.47	4027090.37	13.33359	(18012309)
259176.62	4026996.42	8.65034	(18012309)	259156.43	4027053.73	12.63668	(18012309)
259159.62	4027094.29	13.41542	(18012309)	259113.32	4027038.54	12.13494	(18012309)
259126.77	4027000.33	9.64175	(18012309)	259192.54	4026858.76	8.74570	(20121509)
259267.22	4026827.36	12.99800	(20121509)	259108.18			

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4027077.92       13.17163  (18012309)
        259111.37   4027118.48       12.71912  (18012309)                259090.38
4026966.04        7.22734  (18012309)
        259103.84   4026927.84        4.28537  (20011009)                259117.29
4026889.63        4.27867  (20121509)
        259130.75   4026851.43        6.84858  (20121509)                259156.15
4026824.47        9.29463  (20121509)
        259212.16   4026800.92       12.09124  (20121509)                259268.17
4026777.37       13.17463  (20121509)
        259058.33   4027081.84       13.05183  (18012309)                259061.52
4027122.40       12.38523  (18012309)
        258963.78   4027050.29       12.48712  (18012309)                258977.23
4027012.08       11.30954  (18012309)
        258990.69   4026973.88        8.98632  (18012309)                259004.15
4026935.67        5.88822  (18012309)
        259031.06   4026859.26        3.45554  (20121509)                259044.51
4026821.05        5.49907  (20121509)
        259057.97   4026782.85        7.94984  (20121509)                259083.37
4026755.89        9.81642  (20121509)
        259176.72   4026716.64       11.52231  (20121509)                259214.06
4026700.94       10.62550  (20121509)
        258958.64   4027089.67       12.59476  (18012309)                258961.83
4027130.23       11.51240  (18012309)
        258884.27   4027000.81       11.35679  (18012309)                258897.72
4026962.61        8.96485  (18012309)
        258911.18   4026924.40        6.26339  (18012309)                258924.64
4026886.19        3.68816  (18012309)
        258938.09   4026847.99        2.91852  (22121309)                258951.55
4026809.78        3.72070  (20121509)
        258965.01   4026771.58        5.73486  (20121509)                258978.46
4026733.37        7.76665  (20121509)
        259010.59   4026687.32        9.80528  (20121509)                259066.60
4026663.76       10.30283  (20121509)
        259103.94   4026648.06        9.68845  (20121509)                259141.27
4026632.36        8.35162  (20121509)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 526
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2B  ***
                                 INCLUDING SOURCE(S):     PHASE2B     ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
258857.36	4027077.22	12.60485	(18012309)	258860.54	4027117.78	11.40267	(18012309)
258764.39	4027065.95	12.22184	(18012309)	258777.85	4027027.75	12.11409	(18012309)
258791.30	4026989.54	11.03744	(18012309)	258804.76	4026951.34	9.02984	(18012309)
258818.22	4026913.13	6.43001	(18012309)	258831.67	4026874.92	3.85941	(18012309)
258845.13	4026836.72	3.08471	(22121309)	258858.59	4026798.51	2.80303	(18112609)
258872.04	4026760.31	3.90730	(20121509)	258885.50	4026722.10	5.73508	(20121509)
258898.95	4026683.90	7.52542	(20121509)	258912.41	4026645.69	8.77343	(20121509)
258937.81	4026618.74	9.26519	(20121509)	259012.49	4026587.33	8.40833	(20121509)
259049.83	4026571.63	7.11753	(20121509)	258759.26	4027105.34	10.94935	(18012309)
258762.44	4027145.90	8.85766	(18012309)	258684.88	4027016.48	11.92445	(18012309)
258698.34	4026978.27	11.04631	(18012309)	258711.80	4026940.07	9.06231	(18012309)
258725.25	4026901.86	6.41152	(18012309)	258738.71	4026863.65	4.02412	(18012309)
258752.16	4026825.45	3.15914	(22121309)	258765.62	4026787.24	2.49862	(18112609)
258779.08	4026749.04	2.79839	(18112609)	258792.53	4026710.83	4.05228	(20121509)
258805.99	4026672.63	5.70701	(20121509)	258819.45	4026634.42	7.20813	(20121509)
258832.90	4026596.21	8.23479	(20121509)	258865.03	4026550.16	8.33691	(20121509)
258939.71	4026518.75	6.77562	(20121509)	258977.05	4026503.05	6.34949	(22122116)
258657.97	4027092.89	10.47246	(18012309)	258661.16	4027133.45	8.48004	(18012309)
258465.31	4027089.45	9.03500	(18012309)	258485.50	4027032.14	10.66452	(18012309)
258498.95	4026993.94	10.90666	(18012309)	258512.41	4026955.73	10.11022	(18012309)
258525.87	4026917.52	8.58701	(18012309)	258539.32	4026879.32	6.47942	(18012309)
258552.78	4026841.11	4.38756	(18012309)	258566.24			

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4026802.91        3.26381  (22121309)
        258579.69   4026764.70        2.79012  (22121309)                258593.15
4026726.50        2.35892  (18112609)
        258606.60   4026688.29        2.64558  (18112609)                258620.06
4026650.09        2.94123  (20121509)
        258633.52   4026611.88        4.25733  (20121509)                258646.97
4026573.67        5.59204  (20121509)
        258660.43   4026535.47        6.65103  (20121509)                258673.89
4026497.26        7.23183  (20121509)
        258687.34   4026459.06        7.14752  (20121509)                258719.47
4026413.00        6.08520  (20121509)
        258775.48   4026389.45        4.63258  (20121509)                258812.82
4026373.75        5.72934  (22122116)
        258850.15   4026358.04        6.77680  (22122116)                258924.83
4026326.64        7.45002  (22122116)
        258962.17   4026310.94        6.85652  (22122116)                258999.51
4026295.24        5.74086  (22122116)
        259036.85   4026279.54        4.34363  (22122116)                259074.19
4026263.84        2.94779  (22122116)
        259167.54   4026224.58        2.16685  (18121209)                259204.87
4026208.88        2.13667  (18121209)
        259242.21   4026193.18        1.95652  (18121209)                259279.55
4026177.48        1.72595  (18120709)
        259316.89   4026161.77        2.78644  (18120709)                259354.23
4026146.07        3.82345  (18120709)
        258460.18   4027128.83        7.05063  (18012309)                258463.36
4027169.39        4.92030  (18020509)
        258265.93   4027105.12        6.64858  (18012309)                258279.38
4027066.91        8.43759  (18012309)
        258292.84   4027028.70        9.90075  (18012309)                258306.30
4026990.50       10.62163  (18012309)
        258319.75   4026952.29       10.42234  (18012309)                258339.94
4026894.98        8.80799  (18012309)
        258353.39   4026856.78        6.73577  (18012309)                258366.85
4026818.57        4.70387  (18012309)
        258380.31   4026780.37        3.33777  (22121309)                258393.76
4026742.16        3.06641  (22121309)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 527
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2B  ***
                                  INCLUDING SOURCE(S):     PHASE2B     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
258407.22	4026703.96	2.52909	(22121309)	258420.67	4026665.75	2.25843	(18112609)
258434.13	4026627.54	2.51140	(18112609)	258447.59	4026589.34	2.55324	(18112609)
258461.04	4026551.13	3.20141	(20121509)	258474.50	4026512.93	4.33670	(20121509)
258487.96	4026474.72	5.37357	(20121509)	258501.41	4026436.52	6.11438	(20121509)
258514.87	4026398.31	6.41107	(20121509)	258528.33	4026360.11	6.17470	(20121509)
258541.78	4026321.90	5.46700	(20121509)	258573.91	4026275.84	4.01041	(20121509)
258629.92	4026252.29	4.69862	(22122116)	258667.25	4026236.59	5.58609	(22122116)
258704.59	4026220.89	6.19305	(22122116)	258779.27	4026189.48	6.03270	(22122116)
258816.61	4026173.78	5.37440	(22122116)	258853.95	4026158.08	4.39039	(22122116)
258891.29	4026142.38	3.27056	(22122116)	258928.63	4026126.68	2.35688	(22021109)
259021.98	4026087.42	1.95601	(22021109)	259059.31	4026071.72	1.97364	(18121209)
259096.65	4026056.02	1.88200	(18121209)	259133.99	4026040.32	1.68430	(18121209)
259171.33	4026024.62	1.57273	(18120709)	259208.67	4026008.92	2.49328	(18120709)
259246.01	4025993.21	3.37462	(18120709)	259283.35	4025977.51	3.92819	(18120709)
259320.69	4025961.81	3.86013	(18120709)	258260.79	4027144.50	4.85954	(18012309)
258263.98	4027185.06	4.17547	(18020509)	258066.54	4027120.78	4.78606	(18012309)
258080.00	4027082.57	6.45068	(18012309)	258093.45	4027044.37	8.17218	(18012309)
258106.91	4027006.16	9.42998	(18012309)	258120.37	4026967.96	9.84197	(18012309)
258133.82	4026929.75	9.58986	(18012309)	258147.28	4026891.55	9.07151	(18012309)
258160.74	4026853.34	7.80775	(18012309)	258174.19	4026815.14	5.96456	(18012309)
258187.65	4026776.93	4.13381	(18012309)	258201.10			

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4026738.72        3.16684  (22121309)
        258214.56   4026700.52        2.91467  (22121309)                258228.02
4026662.31        2.45598  (22121309)
        258241.47   4026624.11        1.93196  (18112609)                258254.93
4026585.90        2.26437  (18112609)
        258268.39   4026547.70        2.44860  (18112609)                258281.84
4026509.49        2.40667  (20121109)
        258295.30   4026471.28        2.88035  (20121509)                258308.76
4026433.08        3.83830  (20121509)
        258322.21   4026394.87        4.72635  (20121509)                258335.67
4026356.67        5.38473  (20121509)
        258349.12   4026318.46        5.69188  (20121509)                258362.58
4026280.26        5.57405  (20121509)
        258376.04   4026242.05        5.05699  (20121509)                258389.49
4026203.84        4.25386  (20121509)
        258402.95   4026165.64        3.31193  (20121509)                258428.35
4026138.69        3.52185  (22122116)
        258503.02   4026107.28        5.01352  (22122116)                258540.36
4026091.58        5.42618  (22122116)
        258577.70   4026075.88        5.51685  (22122116)                258615.04
4026060.18        5.24318  (22122116)
        258652.38   4026044.48        4.67634  (22122116)                258689.72
4026028.77        3.86493  (22122116)
        258727.06   4026013.07        2.95897  (22122116)                258764.40
4025997.37        2.12651  (22021109)
        258801.74   4025981.67        2.15297  (22021109)                258876.41
4025950.27        1.86386  (22021109)
        258913.75   4025934.56        1.83277  (18121209)                258951.09
4025918.86        1.81126  (18121209)
        258988.43   4025903.16        1.69249  (18121209)                259025.77
4025887.46        1.48632  (18121209)
        259063.11   4025871.76        1.44811  (18120709)                259100.45
4025856.06        2.25317  (18120709)
        259137.79   4025840.35        3.04396  (18120709)                259175.13
4025824.65        3.55840  (18120709)
        259212.47   4025808.95        3.66729  (18120709)                259249.80
4025793.25        3.57893  (20010209)
        259287.14   4025777.55        4.71217  (20010209)                259324.48
4025761.85        5.67480  (20010209)
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                PAGE 528
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2B  ***
                                INCLUDING SOURCE(S):     PHASE2B     ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
258061.41	4027160.16	4.19951	(18020509)	258064.59	4027200.72	3.43687	(18020509)
257867.16	4027136.45	4.11970	(18020509)	257880.61	4027098.24	4.58545	(18012309)
257894.07	4027060.03	6.22139	(18012309)	257907.53	4027021.83	7.80919	(18012309)
257920.98	4026983.62	9.16232	(18012309)	258008.45	4026735.29	3.84269	(18012309)
258021.90	4026697.08	3.05622	(22121309)	258035.36	4026658.87	2.83870	(22121309)
258048.82	4026620.67	2.47176	(22121309)	258062.27	4026582.46	1.96962	(22121309)
258075.73	4026544.26	2.01002	(18112609)	258089.19	4026506.05	2.25089	(18112609)
258102.64	4026467.85	2.33868	(18112609)	258116.10	4026429.64	2.31817	(20121109)
258129.55	4026391.44	2.60531	(20121509)	258143.01	4026353.23	3.42319	(20121509)
258156.47	4026315.02	4.18800	(20121509)	258169.92	4026276.82	4.77355	(20121509)
258183.38	4026238.61	5.05731	(20121509)	258196.84	4026200.41	5.02123	(20121509)
258210.29	4026162.20	4.67557	(20121509)	258223.75	4026124.00	4.04566	(20121509)
258237.20	4026085.79	3.26730	(20121509)	258250.66	4026047.58	2.60989	(22122116)
258282.79	4026001.53	3.66240	(22122116)	258338.79	4025977.98	4.49309	(22122116)
258376.13	4025962.27	4.79569	(22122116)	258413.47	4025946.57	4.85373	(22122116)
258450.81	4025930.87	4.60328	(22122116)	258488.15	4025915.17	4.10611	(22122116)
258525.49	4025899.47	3.44214	(22122116)	258562.83	4025883.77	2.69304	(22122116)
258600.17	4025868.06	1.96377	(22122116)	258637.51	4025852.36	2.03667	(22021109)
258674.85	4025836.66	2.02806	(22021109)	258712.18	4025820.96	1.90863	(22021109)
258749.52	4025805.26	1.70050	(22021109)	258786.86			

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4025789.56        1.72499  (18121209)
        258824.20   4025773.85        1.71334  (18121209)                258861.54
4025758.15        1.60453  (18121209)
        258898.88   4025742.45        1.41945  (18121209)                258936.22
4025726.75        1.19862  (18121209)
        258973.56   4025711.05        1.66532  (18120709)                259010.90
4025695.35        2.40361  (18120709)
        259048.24   4025679.64        3.07331  (18120709)                259085.57
4025663.94        3.44637  (18120709)
        259122.91   4025648.24        3.41908  (18120709)                259160.25
4025632.54        3.05054  (20010209)
        259197.59   4025616.84        3.99514  (20010209)                259234.93
4025601.14        4.82770  (20010209)
        259272.27   4025585.44        5.40324  (20010209)                259309.61
4025569.73        5.63118  (20010209)
        257862.02   4027175.83        3.60471  (18020509)                257865.21
4027216.39        2.85002  (18020509)
        259335.94   4027123.45       14.10313  (18012309)                259336.28
4027147.64       13.82568  (18012309)
        259336.62   4027171.84       12.98837  (18012309)                259336.96
4027196.03       11.37448  (18012309)
        259337.30   4027220.23       10.11699  (21122109)                259337.64
4027244.43       10.85888  (21120616)
        259337.98   4027268.62       12.77439  (21120616)                259310.94
4027123.80       13.97959  (18012309)
        259311.28   4027147.99       13.54472  (18012309)                259311.62
4027172.19       12.53687  (18012309)
        259311.96   4027196.39       11.11865  (18012309)                259312.30
4027220.58        9.84621  (21122109)
        259312.64   4027244.78       10.39690  (21120616)                259312.98
4027268.97       12.28409  (21120616)
        259286.29   4027148.35       13.24955  (18012309)                259286.63
4027172.54       12.26480  (18012309)
        259286.97   4027196.74       10.86937  (18012309)                259287.31
4027220.93        9.56732  (21122109)
        259287.65   4027245.13        9.99603  (21120616)                259287.99
4027269.32       11.84867  (21120616)
        259260.95   4027124.50       13.67620  (18012309)                259261.29
4027148.70       13.03782  (18012309)
        259261.63   4027172.89       11.97613  (18012309)                259261.97
4027197.09       10.51854  (18012309)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                  PAGE 529
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
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VALUES FOR SOURCE GROUP:  PHASE2B  ***
                                INCLUDING SOURCE(S):     PHASE2B     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        259262.31   4027221.28        9.27421  (21122109)                259262.65
4027245.48        9.52517  (21120616)
        259262.99   4027269.68       11.32186  (21120616)                259210.95
4027125.20       13.28308  (18012309)
        259211.29   4027149.40       12.57668  (18012309)                259211.63
4027173.59       11.37426  (18012309)
        259211.97   4027197.79        9.82409  (18012309)                259212.31
4027221.99        8.63627  (21122109)
        259212.65   4027246.18        8.58003  (21120616)                259212.99
4027270.38       10.37008  (21120616)
        259160.96   4027125.91       12.93483  (18012309)                259161.30
4027150.10       12.11425  (18012309)
        259161.64   4027174.30       10.85040  (18012309)                259161.98
4027198.49        9.15101  (18012309)
        259162.32   4027222.69        8.05276  (21122109)                259162.66
4027246.88        7.72150  (21120616)
        259163.00   4027271.08        9.43656  (21120616)                259111.30
4027150.80       11.44606  (18012309)
        259111.64   4027175.00       10.13713  (18012309)                259111.98
4027199.20        8.49306  (18012309)
        259112.32   4027223.39        7.52908  (21122109)                259112.66
4027247.59        7.02475  (21120616)
        259113.00   4027271.78        8.66288  (21120616)                259061.31
4027151.51       11.10942  (18012309)
        259061.65   4027175.70        9.63294  (18012309)                259061.99
4027199.90        7.87450  (18012309)
        259062.33   4027224.09        7.04596  (21122109)                259062.67
4027248.29        6.38115  (21120616)
        259063.01   4027272.49        7.92923  (21120616)                258961.32
4027152.91       10.23688  (18012309)
        258961.66   4027177.11        8.55207  (18012309)                258962.00
4027201.30        6.93485  (21122109)
        258962.34   4027225.50        6.21117  (21122109)                258962.68
4027249.69        5.34012  (21120616)
        258963.02   4027273.89        6.74707  (21120616)                258861.33
4027154.32        9.10277  (18012309)
        258861.67   4027178.51        7.44896  (18012309)                258862.01
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4027202.71        6.18813  (21122109)
        258862.35   4027226.90        5.49854  (21122109)                258862.69
4027251.10        4.64588  (21122109)
        258863.03   4027275.30        5.69498  (21120616)                258761.68
4027179.92        6.59508  (18012309)
        258762.02   4027204.11        5.54995  (21122109)                258762.36
4027228.31        4.86876  (21122109)
        258762.70   4027252.50        4.08278  (21122109)                258763.04
4027276.70        4.83079  (21120616)
        258661.35   4027157.13        7.10977  (18012309)                258661.69
4027181.32        5.66967  (18012309)
        258662.03   4027205.52        4.96468  (21122109)                258662.37
4027229.71        4.32235  (21122109)
        258662.71   4027253.91        3.60939  (21122109)                258663.05
4027278.11        4.12135  (21120616)
        258462.05   4027208.33        4.04021  (18020509)                258462.39
4027232.52        3.42120  (21122109)
        258462.73   4027256.72        2.84054  (21122109)                258463.07
4027280.92        3.02375  (21120616)
        258262.07   4027211.14        3.57579  (18020509)                258262.41
4027235.33        3.00371  (18020509)
        258262.75   4027259.53        2.42687  (18020509)                258263.09
4027283.73        2.50451  (20011010)
        258062.43   4027238.14        2.64278  (18020509)                258062.77
4027262.34        2.11362  (18020509)
        258063.11   4027286.54        2.05854  (20011010)                257862.45
4027240.95        2.36162  (18020509)
        257862.79   4027265.15        1.90637  (18020509)                257863.13
4027289.35        1.79900  (20011010)
        259338.18   4027292.34       14.29662  (21120616)                259338.38
4027316.19       15.28763  (21120616)
        259338.58   4027340.05       15.54147  (21120616)                259313.18
4027292.55       13.80250  (21120616)
        259313.38   4027316.40       14.81132  (21120616)                259313.58
4027340.26       15.19472  (21120616)
        259288.18   4027292.76       13.15309  (21120616)                259288.38
4027316.61       14.14037  (21120616)
        259288.58   4027340.47       14.70272  (21120616)                259263.18
4027292.96       12.63221  (21120616)
        259263.38   4027316.82       13.57282  (21120616)                259263.58
4027340.68       14.21885  (21120616)
        259213.19   4027293.38       11.77873  (21120616)                259213.39
4027317.24       12.84406  (21120616)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 530
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE2B ***
INCLUDING SOURCE(S): PHASE2B ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
259213.59	4027341.10	13.43052	(21120616)	259163.19	4027293.80	10.87422	(21120616)
259163.39	4027317.66	12.06427	(21120616)	259163.59	4027341.52	12.76070	(21120616)
259113.19	4027294.22	10.00697	(21120616)	259113.39	4027318.08	11.13101	(21120616)
259113.59	4027341.94	11.89707	(21120616)	259063.39	4027318.50	10.35613	(21120616)
259063.59	4027342.35	11.18906	(21120616)	258963.39	4027319.34	9.06687	(21120616)
258963.59	4027343.19	9.93610	(21120616)	258863.40	4027320.17	7.83491	(21120616)
258863.60	4027344.03	8.73301	(21120616)	258763.40	4027321.01	6.75205	(21120616)
258763.60	4027344.87	7.62535	(21120616)	258663.40	4027321.85	5.83917	(21120616)
258663.60	4027345.71	6.69905	(21120616)	258463.41	4027323.53	4.38644	(21120616)
258463.61	4027347.38	5.13338	(21120616)	258263.42	4027325.20	3.52742	(20011010)
258263.62	4027349.06	4.07165	(20011010)	258063.43	4027326.88	2.86737	(20011010)
258063.63	4027350.74	3.33872	(20011010)	257863.43	4027328.56	2.47140	(20011010)
257863.63	4027352.41	2.91601	(20011010)	259339.22	4027365.21	15.07967	(21120616)
259339.86	4027389.95	13.92141	(21120616)	259340.50	4027414.68	12.12854	(21120616)
259341.13	4027439.41	9.84222	(21120616)	259341.77	4027464.14	8.89063	(22122109)
259342.40	4027488.87	9.62306	(18121909)	259343.04	4027513.60	10.71142	(18121909)
259343.68	4027538.33	11.36806	(18121909)	259344.31	4027563.06	11.54350	(18121909)
259344.95	4027587.80	11.20076	(18121909)	259345.58			

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4027612.53       12.04420  (22121909)
        259346.22   4027637.26       12.67227  (22121909)                259346.86
4027661.99       12.77966  (22121909)
        259347.49   4027686.72       12.33091  (22121909)                259348.13
4027711.45       11.30204  (22121909)
        259314.23   4027365.86       14.78930  (21120616)                259314.87
4027390.59       13.73291  (21120616)
        259315.50   4027415.32       12.04544  (21120616)                259316.14
4027440.05        9.86359  (21120616)
        259316.78   4027464.78        8.80034  (22122109)                259317.41
4027489.51        8.79518  (18121909)
        259318.05   4027514.24        9.99837  (18121909)                259318.68
4027538.98       10.81255  (18121909)
        259319.32   4027563.71       11.17718  (18121909)                259319.96
4027588.44       11.05527  (18121909)
        259320.59   4027613.17       11.15313  (22121909)                259321.23
4027637.90       12.01087  (22121909)
        259321.86   4027662.63       12.39073  (22121909)                259322.50
4027687.36       12.24987  (22121909)
        259323.14   4027712.10       11.56612  (22121909)                259289.24
4027366.50       14.45314  (21120616)
        259289.88   4027391.23       13.49335  (21120616)                259290.51
4027415.96       11.91874  (21120616)
        259291.15   4027440.69        9.84009  (21120616)                259291.78
4027465.42        8.69203  (22122109)
        259292.42   4027490.16        7.97391  (18121909)                259293.06
4027514.89        9.26171  (18121909)
        259293.69   4027539.62       10.21006  (18121909)                259294.33
4027564.35       10.75281  (18121909)
        259294.96   4027589.08       10.83200  (18121909)                259295.60
4027613.81       10.42867  (18121909)
        259296.24   4027638.54       11.24679  (22121909)                259296.87
4027663.28       11.86718  (22121909)
        259297.51   4027688.01       12.00725  (22121909)                259298.14
4027712.74       11.63324  (22121909)
        259264.25   4027367.14       14.07662  (21120616)                259264.89
4027391.87       13.21776  (21120616)
        259265.52   4027416.60       11.75171  (21120616)                259266.16
4027441.34        9.79571  (21120616)
        259266.79   4027466.07        8.55445  (22122109)                259267.43
4027490.80        7.88061  (22122109)
        259268.07   4027515.53        8.51674  (18121909)                259268.70
4027540.26        9.57616  (18121909)
        259269.34   4027564.99       10.26968  (18121909)                259269.97
4027589.72       10.53269  (18121909)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE2B ***
INCLUDING SOURCE(S): PHASE2B ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
259270.61	4027614.46	10.33577	(18121909)	259271.25	4027639.19	10.40878	(22121909)
259271.88	4027663.92	11.23816	(22121909)	259272.52	4027688.65	11.62936	(22121909)
259273.15	4027713.38	11.53798	(22121909)	259214.27	4027368.43	13.38570	(21120616)
259214.90	4027393.16	12.67065	(21120616)	259215.54	4027417.89	11.37549	(21120616)
259216.17	4027442.62	9.65269	(21120616)	259216.81	4027467.35	8.24222	(22122109)
259217.45	4027492.08	7.79789	(22122109)	259218.08	4027516.82	7.05021	(18121909)
259218.72	4027541.55	8.25238	(18121909)	259219.35	4027566.28	9.16988	(18121909)
259219.99	4027591.01	9.73207	(18121909)	259220.63	4027615.74	9.91506	(18121909)
259221.26	4027640.47	9.66225	(18121909)	259221.90	4027665.20	9.73132	(22121909)
259222.53	4027689.93	10.53360	(22121909)	259223.17	4027714.67	10.94062	(22121909)
259164.28	4027369.71	12.85025	(21120616)	259164.92	4027394.44	12.32563	(21120616)
259165.55	4027419.18	11.26797	(21120616)	259166.19	4027443.91	9.79463	(21120616)
259166.83	4027468.64	8.01258	(21120616)	259167.46	4027493.37	7.66805	(22122109)
259168.10	4027518.10	6.99488	(22122109)	259168.73	4027542.83	6.90757	(18121909)
259169.37	4027567.56	7.98737	(18121909)	259170.01	4027592.29	8.79204	(18121909)
259170.64	4027617.03	9.28156	(18121909)	259171.28	4027641.76	9.38253	(18121909)
259171.91	4027666.49	9.07542	(18121909)	259172.55			

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4027691.22        9.15366  (22121909)
        259173.19   4027715.95        9.91981  (22121909)                259114.30
4027371.00       12.20475  (21120616)
        259114.93   4027395.73       11.88038  (21120616)                259115.57
4027420.46       11.00030  (21120616)
        259116.21   4027445.19        9.69133  (21120616)                259116.84
4027469.92        8.08809  (21120616)
        259117.48   4027494.65        7.46570  (22122109)                259118.11
4027519.39        6.98321  (22122109)
        259118.75   4027544.12        6.71429  (18012609)                259119.39
4027568.85        6.79376  (18121909)
        259120.02   4027593.58        7.76271  (18121909)                259120.66
4027618.31        8.47343  (18121909)
        259121.29   4027643.04        8.85924  (18121909)                259121.93
4027667.77        8.87935  (18121909)
        259122.57   4027692.51        8.52600  (18121909)                259123.20
4027717.24        8.61729  (22121909)
        259064.32   4027372.28       11.62239  (21120616)                259064.95
4027397.02       11.43391  (21120616)
        259065.59   4027421.75       10.70479  (21120616)                259066.22
4027446.48        9.56657  (21120616)
        259066.86   4027471.21        8.13465  (21120616)                259067.50
4027495.94        7.23062  (22122109)
        259068.13   4027520.67        6.90058  (22122109)                259068.77
4027545.40        6.60509  (18012609)
        259069.40   4027570.13        6.67986  (18012609)                259070.04
4027594.87        6.66007  (18121909)
        259070.68   4027619.60        7.52875  (18121909)                259071.31
4027644.33        8.14145  (18121909)
        259071.95   4027669.06        8.44184  (18121909)                259072.58
4027693.79        8.39774  (18121909)
        259073.22   4027718.52        8.01283  (18121909)                258964.35
4027374.85       10.54782  (21120616)
        258964.98   4027399.59       10.53117  (21120616)                258965.62
4027424.32       10.10546  (21120616)
        258966.26   4027449.05        9.28874  (21120616)                258966.89
4027473.78        8.11992  (21120616)
        258967.53   4027498.51        6.76485  (21120616)                258968.16
4027523.24        6.57035  (22122109)
        258968.80   4027547.97        6.26171  (22122109)                258969.44
4027572.71        6.43413  (18012609)
        258970.07   4027597.44        6.47481  (18012609)                258970.71
4027622.17        6.24533  (18012609)
        258971.34   4027646.90        6.38071  (18121909)                258971.98
4027671.63        7.06635  (18121909)
        258972.62   4027696.36        7.51054  (18121909)                258973.25
4027721.09        7.66837  (18121909)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE2B ***
INCLUDING SOURCE(S): PHASE2B ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
258864.38	4027377.43	9.52225	(21120616)	258865.02	4027402.16	9.68929	(21120616)
258865.65	4027426.89	9.48404	(21120616)	258866.29	4027451.62	8.91195	(21120616)
258866.93	4027476.35	8.03078	(21120616)	258867.56	4027501.08	6.92918	(21120616)
258868.20	4027525.81	6.07634	(22122109)	258868.83	4027550.54	6.01805	(22122109)
258869.47	4027575.28	5.84203	(18012609)	258870.11	4027600.01	6.24207	(18012609)
258870.74	4027624.74	6.37992	(18012609)	258871.38	4027649.47	6.24238	(18012609)
258872.01	4027674.20	5.80265	(18012609)	258872.65	4027698.93	6.09589	(18121909)
258873.29	4027723.66	6.62235	(18121909)	258764.41	4027380.00	8.58139	(21120616)
258765.05	4027404.73	8.89726	(21120616)	258765.69	4027429.46	8.86725	(21120616)
258766.32	4027454.19	8.50386	(21120616)	258766.96	4027478.92	7.84397	(21120616)
258767.59	4027503.65	6.94908	(21120616)	258768.23	4027528.38	5.90944	(21120616)
258768.87	4027553.12	5.60789	(22122109)	258769.50	4027577.85	5.52924	(22122109)
258770.14	4027602.58	5.60280	(18012609)	258770.77	4027627.31	6.02340	(18012609)
258771.41	4027652.04	6.17395	(18012609)	258772.05	4027676.77	6.10781	(18012609)
258772.68	4027701.50	5.71089	(18012609)	258773.32	4027726.23	5.23065	(18121909)
258664.45	4027382.57	7.72082	(21120616)	258665.08			

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4027407.30        8.09312  (21120616)
        258665.72   4027432.03        8.19711  (21120616)                258666.36
4027456.76        8.01033  (21120616)
        258666.99   4027481.49        7.55499  (21120616)                258667.63
4027506.22        6.87528  (21120616)
        258668.26   4027530.95        6.02122  (21120616)                258668.90
4027555.69        5.07983  (22122109)
        258669.54   4027580.42        5.18847  (22122109)                258670.17
4027605.15        5.09771  (22122109)
        258670.81   4027629.88        5.37870  (18012609)                258671.44
4027654.61        5.75745  (18012609)
        258672.08   4027679.34        5.94129  (18012609)                258672.72
4027704.07        5.96537  (18012609)
        258673.35   4027728.81        5.74277  (18012609)                258464.51
4027387.71        6.23717  (21120616)
        258465.15   4027412.44        6.71935  (21120616)                258465.79
4027437.17        6.98600  (21120616)
        258466.42   4027461.90        7.02761  (21120616)                258467.06
4027486.63        6.86604  (21120616)
        258467.69   4027511.37        6.50309  (21120616)                258468.33
4027536.10        5.95445  (21120616)
        258468.97   4027560.83        5.26741  (21120616)                258469.60
4027585.56        4.49950  (21120616)
        258470.24   4027610.29        4.42267  (22122109)                258470.87
4027635.02        4.48008  (22122109)
        258471.51   4027659.75        4.37327  (22122109)                258472.15
4027684.48        4.85704  (18012609)
        258472.78   4027709.22        5.30880  (18012609)                258473.42
4027733.95        5.56623  (18012609)
        258264.58   4027392.85        5.06826  (21120616)                258265.22
4027417.58        5.55037  (21120616)
        258265.85   4027442.31        5.88589  (21120616)                258266.49
4027467.04        6.07869  (21120616)
        258267.12   4027491.78        6.11473  (21120616)                258267.76
4027516.51        5.95849  (21120616)
        258268.40   4027541.24        5.62865  (21120616)                258269.03
4027565.97        5.17681  (21120616)
        258269.67   4027590.70        4.66633  (21120616)                258270.30
4027615.43        4.07448  (21120616)
        258270.94   4027640.16        3.79171  (20122109)                258271.58
4027664.89        3.89445  (22122109)
        258272.21   4027689.63        3.91413  (22122109)                258272.85
4027714.36        3.87458  (18012609)
        258273.48   4027739.09        4.40051  (18012609)                258064.01
4027373.26        3.77948  (20011010)
        258064.65   4027397.99        4.21004  (20011010)                258065.28
4027422.72        4.56454  (20011010)
        258065.92   4027447.45        4.95081  (21120616)                258066.55
4027472.19        5.25453  (21120616)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B ***
                                 INCLUDING SOURCE(S):   PHASE2B   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        258067.19   4027496.92   5.42985 (21120616)   258067.83
4027521.65   5.45212 (21120616)
        258068.46   4027546.38   5.32612 (21120616)   258069.10
4027571.11   5.05871 (21120616)
        258069.73   4027595.84   4.67085 (21120616)   258070.37
4027620.57   4.20478 (21120616)
        258071.01   4027645.30   3.69736 (21120616)   258071.64
4027670.04   3.40955 (20122109)
        258072.28   4027694.77   3.38050 (22122109)   258072.91
4027719.50   3.47631 (22122109)
        258073.55   4027744.23   3.46277 (22122109)   257864.08
4027378.40   3.40245 (20011010)
        257864.71   4027403.13   3.83157 (20011010)   257865.35
4027427.86   4.19011 (20011010)
        257865.98   4027452.60   4.46660 (20011010)   257866.62
4027477.33   4.63935 (20011010)
        257867.26   4027502.06   4.71334 (21120616)   257867.89
4027526.79   4.86093 (21120616)
        257868.53   4027551.52   4.87589 (21120616)   257869.16
4027576.25   4.75718 (21120616)
        257869.80   4027600.98   4.53103 (21120616)   257870.44
4027625.72   4.22172 (21120616)
        257871.07   4027650.45   3.82908 (21120616)   257871.71
4027675.18   3.38956 (21120616)
        257872.34   4027699.91   3.05586 (20122109)   257872.98
4027724.64   3.01453 (20122109)
        257873.62   4027749.37   3.04967 (22122109)   259373.56
4027735.81   11.43715 (22122209)
        259396.16   4027735.41   11.53801 (22122209)   259418.75

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4027735.01       11.47643  (22122209)
        259441.35   4027734.61       11.26324  (22122209)                259463.95
4027734.22       10.74850  (22122209)
        259486.54   4027733.82       10.59087  (22122216)                259509.14
4027733.42       12.30171  (22122216)
        259531.74   4027733.02       14.09094  (22122216)                259554.33
4027732.62       15.92297  (22122216)
        259576.93   4027732.23       17.27662  (22122216)                259356.27
4027753.86       11.13041  (22122209)
        259396.60   4027760.40       10.79972  (22122209)                259419.19
4027760.01       10.42046  (22122209)
        259441.79   4027759.61        9.86146  (22122209)                259464.39
4027759.21       10.57788  (22122216)
        259486.98   4027758.81       12.21717  (22122216)                259509.58
4027758.42       13.75672  (22122216)
        259532.18   4027758.02       15.22895  (22122216)                259554.77
4027757.62       16.63347  (22122216)
        259577.37   4027757.22       19.43670  (20010709)                259356.71
4027778.86       10.56446  (22122209)
        259313.55   4027747.57       10.51669  (22122209)                259397.04
4027785.40        9.60243  (22122209)
        259419.63   4027785.00        9.46974  (21011109)                259442.23
4027784.61       10.45270  (22122216)
        259464.83   4027784.21       12.05593  (22122216)                259487.42
4027783.81       13.47946  (22122216)
        259510.02   4027783.41       14.67740  (22122216)                259532.62
4027783.01       15.67268  (22122216)
        259555.21   4027782.62       18.35262  (20010709)                259577.81
4027782.22       21.21671  (20010709)
        259357.15   4027803.85        9.57873  (22122209)                259321.69
4027789.98       10.42187  (22122209)
        259296.26   4027765.62       10.34282  (22122209)                259397.48
4027810.40        9.21167  (21011109)
        259420.07   4027810.00       10.29324  (22122216)                259442.67
4027809.60       11.83073  (22122216)
        259465.27   4027809.20       13.22201  (22122216)                259487.86
4027808.81       14.31843  (22122216)
        259510.46   4027808.41       15.05276  (22122216)                259533.06
4027808.01       17.06579  (20010709)
        259555.65   4027807.61       19.66336  (20010709)                259578.25
4027807.21       22.19652  (20010709)
        259358.03   4027853.85        8.71740  (21011109)                259322.57
4027839.97        8.62600  (22122209)
        259287.11   4027826.09        9.68185  (22122209)                259261.67
4027801.73        9.93614  (22122209)
        259246.27   4027766.91       10.14365  (22121909)                259398.36
4027860.39       11.31194  (22122216)
        259420.95   4027859.99       12.53403  (22122216)                259443.55
4027859.59       13.54750  (22122216)
        259466.15   4027859.20       14.22981  (22122216)                259488.74
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE2B ***
                                  INCLUDING SOURCE(S):   PHASE2B   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF OTHER   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

4027960.37 13.66455 (20010709)
  259422.71 4027959.98 15.48444 (20010709) 259445.31
4027959.58 17.09039 (20010709)
  259467.91 4027959.18 18.34678 (20010709) 259490.50
4027958.78 19.08590 (20010709)
  259513.10 4027958.38 19.31517 (20010709) 259535.70
4027957.99 18.97262 (20010709)
  259558.29 4027957.59 18.00198 (20010709) 259580.89
4027957.19 16.48672 (20010709)
  259359.06 4028003.19 12.65298 (20010709) 259320.37
4027988.05 11.15555 (22122216)
  259281.69 4027972.91 9.41425 (22122216) 259243.00
4027957.77 7.46910 (21011109)
  259204.32 4027942.63 6.73201 (22122209) 259157.23
4027908.49 8.45457 (22122209)
  259140.43 4027870.50 8.51215 (22122209) 259123.63
4027832.50 8.96488 (22121909)
  259106.82 4027794.51 9.61995 (22121909) 259090.02
4027756.52 8.91474 (22121909)
  259401.00 4028010.37 15.80198 (20010709) 259423.59
4028009.97 16.91767 (20010709)
  259446.19 4028009.57 17.64913 (20010709) 259468.79
4028009.17 17.91167 (20010709)
  259491.38 4028008.77 17.65730 (20010709) 259513.98
4028008.38 16.87948 (20010709)
  259536.58 4028007.98 15.62328 (20010709) 259559.17
4028007.58 13.97278 (20010709)
  259581.77 4028007.18 12.01102 (20010709) 259359.90
4028102.82 15.28481 (20010709)
  259319.37 4028086.95 13.31309 (20010709) 259278.84
4028071.09 10.59311 (22122216)
  259238.31 4028055.23 9.79903 (22122216) 259197.79
4028039.37 7.90564 (22122216)
  259157.26 4028023.50 6.71806 (21011109) 259116.73
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  259087.67 4027979.81 7.36238 (22122209) 259070.06
4027940.01 7.93892 (22122209)
  259052.46 4027900.20 7.54206 (22121909) 259034.86
4027860.40 8.70021 (22121909)
  259017.26 4027820.60 8.64373 (22121909) 258999.66
4027780.80 7.42528 (22121909)
  259402.76 4028110.35 15.37830 (20010709) 259425.35
4028109.95 14.87927 (20010709)
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4028109.16 12.80310 (20010709)
  259493.14 4028108.76 11.36674 (20010709) 259515.74
4028108.36 9.76209 (20010709)
  259538.34 4028107.96 8.09076 (20010709) 259560.93
4028107.57 6.45700 (20010709)
  259583.53 4028107.17 5.73611 (20011309) 259361.06

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4028202.57       12.93176  (20010709)
        259319.34   4028186.24       14.09718  (20010709)                259277.62
4028169.91       13.20964  (20010709)
↑ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 535
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2B  ***
                                  INCLUDING SOURCE(S):     PHASE2B     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
        259235.90   4028153.58       10.71351  (20010709)                259194.18
4028137.25        9.42798  (22122216)
        259152.46   4028120.92        8.35767  (22122216)                259110.74
4028104.59        6.49830  (22122216)
        259069.02   4028088.27        6.03399  (21011109)                259018.25
4028051.45        6.30296  (22122209)
        259000.13   4028010.48        7.22963  (22122209)                258982.01
4027969.50        7.11934  (22122209)
        258963.89   4027928.53        7.59093  (22121909)                258945.77
4027887.56        8.13801  (22121909)
        258927.65   4027846.58        7.53773  (22121909)                258909.53
4027805.61        6.56035  (18121909)
        258891.41   4027764.64        7.08598  (18121909)                259404.52
4028210.33       10.68057  (20010709)
        259427.11   4028209.94        9.40608  (20010709)                259449.71
4028209.54        8.03513  (20010709)
        259472.31   4028209.14        6.65897  (20010709)                259494.90
4028208.74        5.34448  (20010709)
        259517.50   4028208.35        4.13470  (20010709)                259540.10
4028207.95        5.48414  (20011309)
        259562.69   4028207.55        7.09863  (20011309)                259585.29
4028207.15        8.75880  (20011309)
        259363.42   4028302.79        8.14670  (20010709)                259322.89
4028286.92       10.83530  (20010709)
        259282.36   4028271.06       12.52236  (20010709)                259241.83
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4028255.20       12.73395  (20010709)
        259201.31   4028239.34       11.42859  (20010709)                259160.78
4028223.47        9.19883  (20010709)
        259120.25   4028207.61        8.67406  (22122216)                259079.72
4028191.75        7.67080  (22122216)
        259039.20   4028175.89        6.03183  (22122216)                258998.67
4028160.02        5.61874  (21011109)
        258949.34   4028124.26        5.27859  (22122209)                258931.74
4028084.46        6.38836  (22122209)
        258914.14   4028044.66        6.75151  (22122209)                258896.53
4028004.85        6.25674  (22122209)
        258878.93   4027965.05        7.24019  (22121909)                258861.33
4027925.25        7.49082  (22121909)
        258843.73   4027885.45        6.83257  (22121909)                258826.13
4027845.64        6.05551  (18121909)
        258808.52   4027805.84        6.56906  (18121909)                258790.92
4027766.04        6.25027  (18121909)
        259406.28   4028310.32        5.54960  (20010709)                259428.87
4028309.92        4.47877  (20010709)
        259451.47   4028309.52        3.49866  (20010709)                259474.07
4028309.13        3.96780  (20011309)
        259496.66   4028308.73        5.24568  (20011309)                259519.26
4028308.33        6.64954  (20011309)
        259541.86   4028307.93        8.08467  (20011309)                259564.45
4028307.53        9.40403  (20011309)
        259587.05   4028307.14       10.46123  (20011309)                259364.75
4028402.61        4.02173  (20010709)
        259323.38   4028386.41        6.44893  (20010709)                259282.01
4028370.22        8.98307  (20010709)
        259240.64   4028354.03       10.97346  (20010709)                259199.27
4028337.83       11.81937  (20010709)
        259157.90   4028321.64       11.26037  (20010709)                259116.52
4028305.45        9.56478  (20010709)
        259075.15   4028289.26        8.09450  (22122216)                259033.78
4028273.06        7.67901  (22122216)
        258992.41   4028256.87        6.49711  (22122216)                258951.04
4028240.68        5.19282  (21011109)
        258909.67   4028224.48        5.09688  (21011109)                258880.00
4028196.07        4.46382  (21011109)
        258862.03   4028155.44        5.59069  (22122209)                258844.06
4028114.81        6.25458  (22122209)
        258826.09   4028074.18        6.10481  (22122209)                258808.12
4028033.54        6.26798  (22121909)
        258790.15   4027992.91        6.96891  (22121909)                258772.18
4027952.28        6.79534  (22121909)
        258754.21   4027911.65        5.80816  (22121909)                258736.24
4027871.02        5.86478  (18121909)
        258718.27   4027830.39        6.09515  (18121909)                258700.30
4027789.75        5.57559  (18121909)
        259408.04   4028410.30        3.46743  (20122110)                259430.63
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4028409.91        3.90949  (20122110)
        259453.23   4028409.51        4.98558  (20011309)                259475.83
4028409.11        6.20285  (20011309)
        259498.42   4028408.71        7.43068  (20011309)                259521.02
4028408.31        8.56667  (20011309)
🌲 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 536
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2B  ***
                                  INCLUDING SOURCE(S):     PHASE2B     ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        259543.62   4028407.92        9.52736  (20011309)                259566.21
4028407.52       10.16241  (20011309)
        259588.81   4028407.12       10.33460  (20011309)                259368.37
4028602.61        4.51838  (20011309)
        259327.19   4028586.49        3.50655  (20122110)                259286.01
4028570.37        2.51810  (20122110)
        259244.83   4028554.26        3.90083  (20010709)                259203.65
4028538.14        5.86887  (20010709)
        259162.46   4028522.02        7.86423  (20010709)                259121.28
4028505.90        9.40530  (20010709)
        259080.10   4028489.78       10.07530  (20010709)                259038.92
4028473.67        9.76377  (20010709)
        258997.74   4028457.55        8.52890  (20010709)                258956.56
4028441.43        7.15868  (18122709)
        258915.38   4028425.31        6.90629  (22122216)                258874.20
4028409.19        6.28190  (22122216)
        258833.02   4028393.07        5.18066  (22122216)                258791.83
4028376.96        4.49311  (21011109)
        258741.71   4028340.62        4.21307  (21011109)                258723.82
4028300.17        4.09040  (22122209)
        258705.94   4028259.73        5.02167  (22122209)                258688.05
4028219.28        5.46858  (22122209)
        258670.17   4028178.84        5.28789  (22122209)                258652.28
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4028138.39        5.27242  (22121909)
        258634.39   4028097.95        5.98171  (22121909)                258616.51
4028057.50        6.03154  (22121909)
        258598.62   4028017.06        5.46791  (22121909)                258580.73
4027976.61        4.63386  (18121909)
        258562.85   4027936.17        5.24178  (18121909)                258544.96
4027895.73        5.28047  (18121909)
        258527.08   4027855.28        4.74032  (18121909)                258509.19
4027814.84        4.74497  (18012609)
        258491.30   4027774.39        5.49191  (18012609)                259411.56
4028610.27        6.43038  (20011309)
        259434.15   4028609.88        7.28442  (20011309)                259456.75
4028609.48        7.96461  (20011309)
        259479.35   4028609.08        8.41846  (20011309)                259501.94
4028608.68        8.59250  (20011309)
        259524.54   4028608.28        8.46096  (20011309)                259547.14
4028607.89        8.66667  (19123109)
        259569.73   4028607.49        8.68561  (19123109)                259592.33
4028607.09        8.41469  (19123109)
        259371.95   4028802.60        6.78477  (20011309)                259330.89
4028786.53        5.55279  (20011309)
        259289.83   4028770.46        3.96722  (20011309)                259248.77
4028754.39        3.46820  (20122110)
        259207.71   4028738.32        2.65460  (20122110)                259166.65
4028722.25        2.32832  (20010709)
        259125.59   4028706.18        3.71649  (20010709)                259084.53
4028690.11        5.34148  (20010709)
        259043.47   4028674.04        6.93060  (20010709)                259002.40
4028657.96        8.17158  (20010709)
        258961.34   4028641.89        8.75993  (20010709)                258920.28
4028625.82        8.56409  (20010709)
        258879.22   4028609.75        7.66851  (20010709)                258838.16
4028593.68        6.37239  (18122709)
        258797.10   4028577.61        6.04870  (22122216)                258756.04
4028561.54        5.82697  (22122216)
        258714.98   4028545.47        5.14869  (22122216)                258673.92
4028529.39        4.16815  (22122216)
        258632.86   4028513.32        3.92734  (21011109)                258603.41
4028485.13        3.86600  (21011109)
        258585.58   4028444.80        3.45831  (21011109)                258567.74
4028404.47        3.78536  (22122209)
        258549.91   4028364.15        4.50365  (22122209)                258532.08
4028323.82        4.82929  (22122209)
        258514.24   4028283.49        4.66545  (22122209)                258496.41
4028243.17        4.47693  (22121909)
        258478.57   4028202.84        5.17584  (22121909)                258460.74
4028162.51        5.37255  (22121909)
        258442.91   4028122.19        5.05386  (22121909)                258425.07
4028081.86        4.28310  (22121909)
        258407.24   4028041.54        4.30224  (18121909)                258389.40
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4028001.21   4.69833 (18121909)
        258371.57   4027960.88   4.61284 (18121909)   258353.74
4027920.56   4.07779 (18121909)
        258335.90   4027880.23   4.48026 (18012609)   258318.07
4027839.90   5.25181 (18012609)
        258300.23   4027799.58   5.38878 (18012609)   259415.08
4028810.24   7.25878 (20011309)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B ***
                                  INCLUDING SOURCE(S):   PHASE2B   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                                ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

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4028871.18        2.52898  (20010709)
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        258976.91   4028846.58        4.49193  (20010709)                258935.00
4028830.17        5.85542  (20010709)
        258914.05   4028821.97        6.47040  (20010709)                258893.09
4028813.77        6.99210  (20010709)
        258872.14   4028805.57        7.38687  (20010709)                258851.18
4028797.37        7.63786  (20010709)
        258809.27   4028780.96        7.66425  (20010709)                258788.32
4028772.76        7.44337  (20010709)
        258767.37   4028764.56        7.07993  (20010709)                258746.41
4028756.36        6.59610  (20010709)
        258704.50   4028739.96        5.60646  (18122709)                258683.55
4028731.75        5.42971  (18122709)
        258662.59   4028723.55        5.31661  (22122216)                258641.64
4028715.35        5.30181  (22122216)
        258599.73   4028698.95        4.95972  (22122216)                258578.77
4028690.75        4.65098  (22122216)
        258557.82   4028682.55        4.26914  (22122216)                258536.87
4028674.34        3.83928  (22122216)
        258494.96   4028657.94        3.39219  (21011109)                258464.90
4028629.16        3.49313  (21011109)
        258455.80   4028608.58        3.43094  (21011109)                258437.60
4028567.42        3.07426  (21011109)
        258428.50   4028546.84        2.80207  (22122209)                258410.29
4028505.68        3.57225  (22122209)
        258401.19   4028485.10        3.88658  (22122209)                258382.99
4028443.94        4.27196  (22122209)
        258373.89   4028423.36        4.31381  (22122209)                258355.69
4028382.20        4.08822  (22122209)
        258346.59   4028361.62        3.83211  (22122209)                258328.38
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4028176.40        3.93880  (22121909)
        258255.57   4028155.83        3.52602  (22121909)                258237.37
4028114.67        3.89858  (18121909)
        258228.27   4028094.09        4.09593  (18121909)                258210.07
4028052.93        4.19661  (18121909)
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4027867.71        5.16689  (18012609)
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4028732.73        3.08185  (21011109)
        258290.38   4028691.76        2.77059  (21011109)                258272.26
4028650.78        2.68705  (22122209)
        258254.14   4028609.81        3.32559  (22122209)                258236.02
4028568.84        3.75075  (22122209)
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4028486.89        3.64933  (22122209)
        258181.66   4028445.92        3.41135  (22121909)                258163.54
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        258145.42   4028363.97        4.31322  (22121909)                258127.30
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        258109.18   4028282.02        3.79575  (22121909)                258091.06
4028241.05        3.11353  (22121909)
        258072.94   4028200.08        3.40943  (18121909)                258054.82
4028159.10        3.73567  (18121909)
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4027995.21        4.10608  (18012609)
        257964.22   4027954.24        4.72645  (18012609)                257946.10
4027913.26        4.85330  (18012609)
        257927.98   4027872.29        4.49813  (18012609)                257909.86
4027831.32        3.71482  (18012609)
        257891.74   4027790.35        3.12593  (22122109)                259422.12
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4029209.38        3.59406  (19123109)
        259489.91   4029208.99        3.08303  (19123109)                259512.50
4029208.59        2.87096  (18121216)
        259535.10   4029208.19        3.12402  (21010709)                259557.70
4029207.79        3.67308  (21010709)
        259580.29   4029207.40        4.18985  (21010709)                259602.89
4029207.00        4.63626  (21010709)
        259621.33   4027730.68       23.06737  (20010709)                259665.29
4027729.15       27.38933  (20010709)
        259709.26   4027727.61       28.42419  (20010709)                259600.22
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        259644.18   4027754.90       26.21177  (20010709)                259688.15
4027753.36       26.72046  (20010709)
        259732.11   4027751.83       23.85286  (20010709)                259601.09
4027781.42       23.61243  (20010709)
        259645.05   4027779.88       25.88906  (20010709)                259689.02
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        259732.99   4027776.81       20.20300  (20010709)                259601.96
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4028406.04       10.40730  (19123109)
        259666.85   4028404.50       10.15373  (19123109)                259710.82
4028402.97        8.52034  (19123109)
        259754.78   4028401.43        6.90895  (21010709)                259629.86
4028605.92        7.39904  (19123109)
        259673.83   4028604.38        5.61501  (19123109)                259717.79
4028602.85        6.27018  (21010709)
        259761.76   4028601.31        7.77590  (21010709)                259636.84
4028805.79        4.16591  (21010709)
        259680.80   4028804.26        5.71547  (21010709)                259724.77
4028802.73        6.75868  (21010709)
        259768.73   4028801.19        6.86967  (21010709)                259643.81
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        259687.78   4029004.14        5.89518  (21010709)                259731.74
4029002.60        5.87385  (21010709)
        259775.71   4029001.07        5.11023  (21010709)                259628.80
4029206.32        5.01420  (21010709)
        259672.77   4029204.78        5.21881  (21010709)                259716.74
4029203.25        4.82526  (21010709)
        259760.70   4029201.71        3.95176  (21010709)                259755.00
4027725.55       24.92547  (20010709)
        259778.26   4027724.27       21.84957  (20010709)                259801.52
4027722.99       18.14318  (20010709)
        259824.78   4027721.71       20.73394  (20011309)                259848.04
4027720.44       24.46374  (20011309)
        259871.30   4027719.16       26.41317  (20011309)                259894.56
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        259756.37   4027750.51       20.83211  (20010709)                259779.63
4027749.23       17.35319  (20010709)
        259802.89   4027747.95       17.62869  (20011309)                259826.15
4027746.68       21.70712  (20011309)
        259849.41   4027745.40       24.44649  (20011309)                259872.67
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        259895.93   4027742.84       26.49929  (19123109)                259757.74
4027775.47       16.88576  (20010709)
        259781.00   4027774.19       15.08262  (20011309)                259804.26
4027772.92       19.02202  (20011309)
        259827.52   4027771.64       22.13105  (20011309)                259850.78
4027770.36       23.74235  (20011309)
        259874.04   4027769.08       24.94514  (19123109)                259897.30
4027767.81       24.83770  (19123109)
        259759.11   4027800.43       13.13715  (20010709)                259782.37
4027799.16       16.66447  (20011309)
        259805.63   4027797.88       20.14248  (20011309)                259828.89
4027796.60       22.39868  (20011309)
        259852.15   4027795.32       23.43212  (19123109)                259875.41
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4027950.21   17.69634 (20011309)
        259790.60   4027948.93   17.85208 (19123109)   259813.86
4027947.65   18.11515 (19123109)
        259837.12   4027946.38   17.33492 (19123109)   259860.38
4027945.10   15.85318 (19123109)
        259883.64   4027943.82   14.00535 (21010709)   259906.90
4027942.54   16.16169 (21010709)
        259770.08   4028000.13   16.78573 (19123109)   259793.34
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        259816.60   4027997.58   16.73755 (19123109)   259839.86
4027996.30   15.16108 (19123109)
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        259798.82   4028098.70       13.60803  (19123109)                259822.08
4028097.43       11.86142  (19123109)
        259845.34   4028096.15       11.23983  (21010709)                259868.60
4028094.87       12.97751  (21010709)
        259891.86   4028093.60       13.90112  (21010709)                259915.12
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4028193.45       12.05790  (21010709)
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        259809.78   4028298.40        9.57322  (21010709)                259833.04
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        259856.30   4028295.85       10.98034  (21010709)                259879.56
4028294.57       10.69556  (21010709)
        259902.82   4028293.29       10.15689  (21010709)                259926.08
4028292.02        8.53613  (21010709)
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4028398.25        9.63403  (21010709)
        259838.53   4028396.98       10.46679  (21010709)                259861.79
4028395.70       10.13776  (21010709)
        259885.05   4028394.42        9.09709  (21010709)                259908.31
4028393.14        7.57857  (21010709)
        259931.57   4028391.87        6.01035  (20012209)                259802.97
4028599.23        8.19399  (21010709)
        259826.23   4028597.95        7.85001  (21010709)                259849.49
4028596.67        7.14778  (21010709)
        259872.75   4028595.40        6.18272  (21010709)                259896.01
4028594.12        5.61372  (20012209)
        259919.27   4028592.84        5.75369  (20012209)                259942.53
4028591.57        5.52040  (20012209)
        259813.94   4028798.93        5.94901  (21010709)                259837.20
4028797.65        5.17717  (21010709)
        259860.46   4028796.37        5.13825  (20012209)                259883.72
4028795.10        5.38235  (20012209)
        259906.98   4028793.82        5.30762  (20012209)                259930.24
4028792.54        4.93638  (20012209)
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4028999.90        4.41041  (21010709)
        259824.90   4028998.63        4.61058  (20012209)                259848.16
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        259871.42   4028996.07        4.98475  (20012209)                259894.68
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4029194.50        3.96640  (20012209)
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4029191.94        3.81128  (21010109)
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4027714.33       21.03449  (21010109)
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 541
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2B  ***
                                  INCLUDING SOURCE(S):     PHASE2B     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        260054.91   4027713.73       23.68331  (21010109)                260077.92
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        260128.48   4027886.89       19.10093  (18122409)                260151.49
4027886.29       19.86160  (18122409)
        260174.50   4027885.69       18.97528  (18122409)                259945.69
4027941.64       16.87832  (21010709)
        259968.70   4027941.05       15.52864  (21010709)                259991.71
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4027940.45       13.08678  (21010709)
        260014.72   4027939.85       13.07772  (21010109)                260037.74
4027939.26       15.55136  (21010109)
        260060.75   4027938.66       16.83004  (21010109)                260083.76
4027938.06       16.68261  (21010109)
        260106.77   4027937.47       15.15738  (21010109)                260129.78
4027936.87       17.32390  (18122409)
        260152.79   4027936.27       18.24872  (18122409)                260175.80
4027935.68       17.73921  (18122409)
        259946.99   4027991.63       15.16265  (21010709)                259970.00
4027991.03       13.41789  (21010709)
        259993.01   4027990.43       10.91390  (21010709)                260016.02
4027989.84       12.60177  (21010109)
        260039.03   4027989.24       14.77700  (21010109)                260062.04
4027988.64       15.83518  (21010109)
        260085.05   4027988.05       15.57541  (21010109)                260108.06
4027987.45       14.07410  (21010109)
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 542
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2B  ***
                                  INCLUDING SOURCE(S):     PHASE2B     ,

                                           *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        260131.07   4027986.85       15.96940  (18122409)                260154.09
4027986.26       17.00804  (18122409)
        260177.10   4027985.66       16.78408  (18122409)                259949.58
4028091.59       11.92734  (21010709)
        259972.59   4028091.00        9.80692  (21010709)                259995.60
4028090.40        9.36255  (21010109)
        260018.61   4028089.80       11.63247  (21010109)                260041.62
4028089.21       13.26036  (21010109)
        260064.63   4028088.61       13.94553  (21010109)                260087.65
4028088.01       13.49763  (21010109)
        260110.66   4028087.42       12.03859  (21010109)                260133.67
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4028086.82       13.37849  (18122409)
        260156.68   4028086.22       14.57364  (18122409)                260179.69
4028085.63       14.84666  (18122409)
        259952.17   4028191.56        8.77276  (21010709)                259975.18
4028190.96        6.84944  (21010109)
        259998.19   4028190.37        8.94653  (21010109)                260021.20
4028189.77       10.75619  (21010109)
        260044.22   4028189.17       11.96289  (21010109)                260067.23
4028188.58       12.36566  (21010109)
        260090.24   4028187.98       11.86698  (21010109)                260113.25
4028187.38       10.57534  (21010109)
        260136.26   4028186.79       11.56580  (18122409)                260159.27
4028186.19       12.81404  (18122409)
        260182.28   4028185.59       13.23222  (18122409)                259954.76
4028291.53        6.28321  (20012209)
        259977.78   4028290.93        6.66302  (21010109)                260000.79
4028290.33        8.46807  (21010109)
        260023.80   4028289.74        9.91180  (21010109)                260046.81
4028289.14       10.79339  (21010109)
        260069.82   4028288.54       10.96302  (21010109)                260092.83
4028287.95       10.40789  (21010109)
        260115.84   4028287.35        9.54686  (21010109)                260138.85
4028286.75       10.20462  (18122409)
        260161.86   4028286.16       11.09168  (18122409)                260184.87
4028285.56       11.71216  (18122409)
        259957.36   4028391.49        5.91583  (20012209)                259980.37
4028390.89        6.51295  (21010109)
        260003.38   4028390.30        8.26887  (21010109)                260026.39
4028389.70        9.63806  (21010109)
        260049.40   4028389.10       10.41760  (21010109)                260072.41
4028388.51       10.46976  (21010109)
        260095.42   4028387.91        9.77454  (21010109)                260118.43
4028387.31        8.21708  (21010109)
        260141.44   4028386.72        8.60011  (18122409)                260164.45
4028386.12        9.79105  (18122409)
        260187.46   4028385.52       10.48503  (18122409)                259985.55
4028590.83        6.25802  (21010109)
        260008.56   4028590.23        7.24703  (21010109)                260031.57
4028589.63        7.94429  (21010109)
        260054.58   4028589.04        8.24482  (21010109)                260077.59
4028588.44        8.10871  (21010109)
        260100.61   4028587.84        7.55099  (21010109)                260123.62
4028587.25        6.66110  (21010109)
        260146.63   4028586.65        6.61006  (18122409)                260169.64
4028586.05        7.63306  (18122409)
        260192.65   4028585.46        8.37510  (18122409)                259990.74
4028790.76        5.79821  (21010109)
        260013.75   4028790.16        6.46987  (21010109)                260036.76
4028789.57        6.88223  (21010109)
        260059.77   4028788.97        6.98902  (21010109)                260082.78
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4028788.37   6.77215 (21010109)
        260105.79   4028787.78   6.25820 (21010109)   260128.80
4028787.18   5.51653 (21010109)
        260151.81   4028786.58   5.21091 (18122409)   260174.82
4028785.99   6.07745 (18122409)
        260197.83   4028785.39   6.77824 (18122409)   259995.92
4028990.69   5.31484 (21010109)
        260018.93   4028990.10   5.75639 (21010109)   260041.94
4028989.50   5.98003 (21010109)
        260064.95   4028988.90   5.97129 (21010109)   260087.96
4028988.31   5.71468 (21010109)
        260110.97   4028987.71   5.25072 (21010109)   260133.98
4028987.11   4.64537 (21122809)
        260157.00   4028986.52   4.37269 (21122809)   260180.01
4028985.92   4.90667 (18122409)
        260203.02   4028985.32   5.54312 (18122409)   260001.10
4029190.63   4.85758 (21010109)
        260024.11   4029190.03   5.14114 (21010109)   260047.13
4029189.43   5.24544 (21010109)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B ***
                                INCLUDING SOURCE(S):   PHASE2B   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        260070.14   4029188.84   5.16365 (21010109)   260093.15
4029188.24   5.24447 (21010109)
        260116.16   4029187.64   4.74346 (21010109)   260139.17
4029187.05   4.41473 (21122809)
        260162.18   4029186.45   4.12222 (21122809)   260185.19
4029185.85   4.09083 (18122409)
        260208.20   4029185.26   4.76088 (18122409)   260190.44
4027695.65   26.72151 (20010609)
        260195.46   4027670.19   28.51634 (20010609)   260214.10

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4027700.10       26.91018  (20010609)
        260192.81   4027726.50       24.70683  (20010609)                260220.40
4027671.92       27.52545  (20010609)
        260238.40   4027703.19       24.71363  (20010609)                260226.93
4027727.68       25.14868  (20010609)
        260208.71   4027745.13       24.44719  (20010609)                260245.34
4027673.65       23.55544  (20010609)
        260262.96   4027705.74       20.15898  (20010609)                260250.72
4027731.86       22.60231  (20010609)
        260225.17   4027763.53       23.95798  (20010609)                260198.54
4027774.63       22.09031  (20010609)
        260270.28   4027675.38       19.44260  (18123109)                260312.40
4027710.13       21.56050  (18123109)
        260299.29   4027738.12       15.72125  (18123109)                260286.18
4027766.11       16.80520  (20010609)
        260258.80   4027800.04       21.24805  (20010609)                260230.27
4027811.93       21.92442  (20010609)
        260201.74   4027823.82       19.33733  (20010609)                260320.16
4027678.84       26.18227  (18123109)
        260362.04   4027714.11       25.07975  (18123109)                260348.44
4027743.14       21.68785  (18123109)
        260334.84   4027772.16       16.98517  (18123109)                260321.24
4027801.19       12.11220  (18123109)
        260292.85   4027836.38       17.16627  (20010609)                260263.26
4027848.71       20.18188  (20010609)
        260233.68   4027861.03       19.92555  (20010609)                260204.09
4027873.36       16.69319  (20010609)
        260370.04   4027682.30       25.95625  (18123109)                260411.77
4027717.90       21.93663  (22122009)
        260397.86   4027747.59       23.47891  (18123109)                260383.95
4027777.27       21.91449  (18123109)
        260370.04   4027806.96       18.07588  (18123109)                260356.13
4027836.64       13.54731  (18123109)
        260327.10   4027872.63       12.66401  (20010609)                260296.84
4027885.24       17.07088  (20010609)
        260266.58   4027897.85       19.04825  (20010609)                260236.32
4027910.46       17.92604  (20010609)
        260206.06   4027923.07       15.10835  (18122409)                260419.92
4027685.76       29.49727  (22122009)
        260461.54   4027721.59       28.68164  (22122009)                260447.42
4027751.73       21.61762  (22122009)
        260433.30   4027781.87       21.17013  (18123109)                260419.17
4027812.01       21.04393  (18123109)
        260405.05   4027842.16       18.60340  (18123109)                260390.93
4027872.30       14.61163  (18123109)
        260361.44   4027908.84       10.13392  (22011009)                260330.72
4027921.64       13.30201  (20010609)
        260300.00   4027934.45       16.84773  (20010609)                260269.27
4027947.25       17.80148  (20010609)
        260238.55   4027960.05       15.88745  (20010609)                260207.82
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4027972.86       14.58047  (18122409)
        260469.80   4027689.22       33.22419  (22122009)                260561.16
4027728.81       28.63200  (20010809)
        260546.76   4027759.54       28.67210  (22122009)                260532.36
4027790.27       25.82625  (22122009)
        260517.96   4027821.00       20.43734  (22122009)                260503.57
4027851.73       16.45558  (18123109)
        260489.17   4027882.47       18.09254  (18123109)                260474.77
4027913.20       17.55762  (18123109)
        260460.37   4027943.93       15.34909  (18123109)                260430.31
4027981.19       10.13998  (18123109)
        260398.98   4027994.25        8.89714  (22011009)                260367.65
4028007.30       10.45091  (20010609)
        260336.32   4028020.35       13.93596  (20010609)                260305.00
4028033.41       15.58494  (20010609)
        260273.67   4028046.46       14.84918  (20010609)                260242.34
4028059.52       12.05011  (20010609)
        260211.02   4028072.57       13.51049  (18122409)                260569.56
4027696.14       28.70959  (20010809)
        260660.84   4027735.91       21.38341  (20010809)                260646.27
4027767.01       24.35539  (20010809)
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 544
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2B  ***
                                  INCLUDING SOURCE(S):     PHASE2B     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        260631.70   4027798.10       24.98373  (20010809)                260617.12
4027829.20       24.95845  (22122009)
        260602.55   4027860.30       23.14057  (22122009)                260587.98
4027891.40       19.07058  (22122009)
        260573.41   4027922.50       13.96964  (22122009)                260558.84
4027953.60       14.72117  (18123109)
        260544.27   4027984.69       15.74475  (18123109)                260529.70
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4028015.79       15.11181  (18123109)
        260499.28   4028053.49       11.66117  (18123109)                260467.58
4028066.70        8.18753  (18123109)
        260435.88   4028079.91        7.89400  (22011009)                260404.18
4028093.12        8.29689  (20010609)
        260372.48   4028106.33       11.54562  (20010609)                260340.78
4028119.54       13.61081  (20010609)
        260309.08   4028132.75       13.74215  (20010609)                260277.38
4028145.96       11.88816  (20010609)
        260245.68   4028159.17       10.16250  (18122409)                260213.98
4028172.38       12.45384  (18122409)
        260669.32   4027703.06       20.85048  (20121609)                260760.54
4027742.95       20.45599  (20121609)
        260745.85   4027774.30       16.52979  (20121609)                260731.16
4027805.65       19.23891  (20010809)
        260716.48   4027836.99       21.79016  (20010809)                260701.79
4027868.34       21.99656  (20010809)
        260687.10   4027899.69       21.98169  (22122009)                260672.42
4027931.03       20.79372  (22122009)
        260657.73   4027962.38       17.62535  (22122009)                260643.04
4027993.73       13.46835  (22122009)
        260628.35   4028025.07       11.55239  (18123109)                260613.67
4028056.42       13.26888  (18123109)
        260598.98   4028087.77       13.78370  (18123109)                260568.32
4028125.77       12.21002  (18123109)
        260536.36   4028139.09        9.64224  (18123109)                260504.41
4028152.40        6.58788  (18123109)
        260472.46   4028165.72        7.06609  (22011009)                260440.50
4028179.03        6.90649  (22011009)
        260408.55   4028192.35        9.56925  (20010609)                260376.59
4028205.67       11.77075  (20010609)
        260344.64   4028218.98       12.47948  (20010609)                260312.69
4028232.30       11.44380  (20010609)
        260280.73   4028245.61        9.09899  (20010609)                260248.78
4028258.93        9.75715  (18122409)
        260216.83   4028272.24       11.45364  (18122409)                260769.08
4027709.98       22.47078  (20121609)
        260860.50   4027749.44       20.02706  (20121609)                260846.22
4027779.91       19.46196  (20121609)
        260831.94   4027810.39       17.02394  (20121609)                260817.67
4027840.87       13.58961  (20010809)
        260803.39   4027871.34       16.99608  (20010809)                260789.11
4027901.82       19.24347  (20010809)
        260774.83   4027932.29       19.75120  (20010809)                260760.55
4027962.77       19.48059  (22122009)
        260746.27   4027993.25       19.29379  (22122009)                260731.99
4028023.72       17.37752  (22122009)
        260717.71   4028054.20       14.25047  (22122009)                260703.43
4028084.67       10.64876  (22122009)
        260689.15   4028115.15       10.05549  (18123109)                260674.87
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4028145.63       11.59169  (18123109)
        260660.60   4028176.10       12.22855  (18123109)                 260637.92
4028197.81       11.93949  (18123109)
        260606.86   4028210.76       10.51317  (18123109)                 260575.79
4028223.71        8.20684  (18123109)
        260544.72   4028236.65        5.63812  (18123109)                 260513.66
4028249.60        6.31253  (22011009)
        260482.59   4028262.54        6.37171  (22011009)                 260451.53
4028275.49        7.40303  (20010609)
        260420.46   4028288.43        9.65986  (20010609)                 260389.39
4028301.38       11.06040  (20010609)
        260358.33   4028314.32       11.15709  (20010609)                 260327.26
4028327.27        9.91759  (20010609)
        260296.20   4028340.22        7.76158  (20010609)                 260265.13
4028353.16        8.59266  (18122409)
        260234.06   4028366.11       10.17087  (18122409)                 260868.84
4027716.90       18.88393  (20121609)
        261059.92   4027763.51       10.52166  (20121609)                 261045.42
4027794.44       13.36509  (20121609)
        261030.93   4027825.37       15.52213  (20121609)                 261016.43
4027856.31       16.40914  (20121609)
        261001.94   4027887.24       15.86878  (20121609)                 260987.45
4027918.18       14.00480  (20121609)
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 545
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2B  ***
                                  INCLUDING SOURCE(S):     PHASE2B     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        260972.95   4027949.11       11.28011  (20121609)                 260958.46
4027980.05       11.65727  (20010809)
        260943.97   4028010.98       14.15026  (20010809)                 260929.47
4028041.92       15.73404  (20010809)
        260914.98   4028072.85       16.03374  (20010809)                 260900.48
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4028103.78       15.55677  (22122009)
        260885.99   4028134.72       15.77336  (22122009)                260871.50
4028165.65       14.76927  (22122009)
        260857.00   4028196.59       12.75028  (22122009)                260842.51
4028227.52       10.13092  (22122009)
        260828.02   4028258.46        7.43211  (22122009)                260813.52
4028289.39        7.52842  (18123109)
        260799.03   4028320.33        8.89432  (18123109)                260776.01
4028342.36        9.87363  (18123109)
        260744.48   4028355.50       10.12528  (18123109)                260712.95
4028368.64        9.34771  (18123109)
        260681.41   4028381.78        7.75308  (18123109)                260649.88
4028394.92        5.76562  (18123109)
        260618.35   4028408.06        4.52712  (22011009)                260586.81
4028421.20        5.23237  (22011009)
        260555.28   4028434.34        5.33729  (22011009)                260523.75
4028447.49        5.10918  (20010609)
        260492.21   4028460.63        7.01620  (20010609)                260460.68
4028473.77        8.57171  (20010609)
        260429.15   4028486.91        9.33181  (20010609)                260397.62
4028500.05        9.06421  (20010609)
        260366.08   4028513.19        7.93116  (20010609)                260334.55
4028526.33        6.19125  (20010609)
        260303.02   4028539.47        6.48354  (18122409)                260271.48
4028552.61        7.95509  (18122409)
        260239.95   4028565.75        8.77229  (18122409)                261068.36
4027730.74        7.70057  (20121609)
        261259.37   4027777.49        3.08028  (20121609)                261244.73
4027808.73        4.91288  (20121609)
        261230.10   4027839.96        7.14884  (20121609)                261215.46
4027871.19        9.54225  (20121609)
        261200.83   4027902.43       11.70260  (20121609)                261186.20
4027933.66       13.23216  (20121609)
        261171.56   4027964.89       13.82232  (20121609)                261156.93
4027996.13       13.30968  (20121609)
        261142.30   4028027.36       11.80186  (20121609)                261127.66
4028058.59        9.62344  (20121609)
        261113.03   4028089.83        8.04962  (20010809)                261098.39
4028121.06       10.27139  (20010809)
        261083.76   4028152.29       12.10797  (20010809)                261069.13
4028183.53       13.21861  (20010809)
        261054.49   4028214.76       13.38817  (20010809)                261039.86
4028245.99       12.86103  (22122009)
        261025.23   4028277.23       13.28701  (22122009)                261010.59
4028308.46       12.72984  (22122009)
        260995.96   4028339.69       11.36451  (22122009)                260981.32
4028370.93        9.47511  (22122009)
        260966.69   4028402.16        7.36463  (22122009)                260952.06
4028433.39        5.35668  (22122009)
        260937.42   4028464.63        5.88883  (18123109)                260914.19
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4028486.88        7.18971  (18123109)
        260882.35   4028500.15        8.25368  (18123109)                 260850.51
4028513.41        8.65271  (18123109)
        260818.67   4028526.68        8.26862  (18123109)                 260786.83
4028539.95        7.20243  (18123109)
        260755.00   4028553.21        5.70200  (18123109)                 260723.16
4028566.48        4.08942  (18123109)
        260691.32   4028579.75        3.86857  (22011009)                 260659.48
4028593.02        4.43355  (22011009)
        260627.64   4028606.28        4.55602  (22011009)                 260595.81
4028619.55        4.18848  (22011009)
        260563.97   4028632.82        5.12933  (20010609)                 260532.13
4028646.08        6.56096  (20010609)
        260500.29   4028659.35        7.59539  (20010609)                 260468.46
4028672.62        7.96038  (20010609)
        260436.62   4028685.89        7.56853  (20010609)                 260404.78
4028699.15        6.51310  (20010609)
        260372.94   4028712.42        5.08026  (20010609)                 260341.10
4028725.69        5.00268  (18122409)
        260309.27   4028738.96        6.28883  (18122409)                 260277.43
4028752.22        7.18696  (18122409)
        260245.59   4028765.49        7.50164  (18122409)                 261267.88
4027744.58        1.86216  (20112009)
        261458.97   4027791.15        2.02841  (22011309)                 261444.51
4027822.03        1.62185  (20112009)
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                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2B  ***
                                  INCLUDING SOURCE(S):     PHASE2B     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
        261430.04   4027852.90        1.99558  (20121609)                 261415.58
4027883.77        3.21656  (20121609)
        261401.11   4027914.64        4.80622  (20121609)                 261386.65
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4027945.51        6.65136  (20121609)
        261372.18   4027976.39        8.54456  (20121609)                261357.72
4028007.26       10.21617  (20121609)
        261343.26   4028038.13       11.38724  (20121609)                261328.79
4028069.00       11.83462  (20121609)
        261314.33   4028099.87       11.47587  (20121609)                261299.86
4028130.74       10.37826  (20121609)
        261285.40   4028161.62        8.74997  (20121609)                261270.93
4028192.49        6.85568  (20121609)
        261256.47   4028223.36        6.96892  (20010809)                261242.00
4028254.23        8.71152  (20010809)
        261227.54   4028285.10       10.16461  (20010809)                261213.07
4028315.98       11.12681  (20010809)
        261198.61   4028346.85       11.44272  (20010809)                261184.15
4028377.72       11.03652  (20010809)
        261169.68   4028408.59       11.20438  (22122009)                261155.22
4028439.46       11.22809  (22122009)
        261140.75   4028470.34       10.58237  (22122009)                261126.29
4028501.21        9.39298  (22122009)
        261111.82   4028532.08        7.86584  (22122009)                261097.36
4028562.95        6.21388  (22122009)
        261082.89   4028593.82        4.63483  (22122009)                261052.69
4028631.25        4.83668  (18123109)
        261021.23   4028644.37        6.03084  (18123109)                260989.76
4028657.48        6.96833  (18123109)
        260958.29   4028670.59        7.45024  (18123109)                260926.82
4028683.71        7.36107  (18123109)
        260895.35   4028696.82        6.71386  (18123109)                260863.88
4028709.94        5.64683  (18123109)
        260832.41   4028723.05        4.37423  (18123109)                260800.94
4028736.16        3.11561  (18123109)
        260769.47   4028749.28        3.25652  (22011009)                260738.00
4028762.39        3.76648  (22011009)
        260706.53   4028775.50        3.95634  (22011009)                260675.06
4028788.62        3.77650  (22011009)
        260643.59   4028801.73        3.48644  (20010609)                260612.12
4028814.85        4.70939  (20010609)
        260580.65   4028827.96        5.82688  (20010609)                260549.18
4028841.07        6.61192  (20010609)
        260517.71   4028854.19        6.88404  (20010609)                260486.24
4028867.30        6.59473  (20010609)
        260454.77   4028880.41        5.80461  (20010609)                260423.30
4028893.53        4.71439  (22121510)
        260391.83   4028906.64        4.03361  (22121510)                260360.37
4028919.75        4.58160  (18122409)
        260328.90   4028932.87        5.57214  (18122409)                260297.43
4028945.98        6.25433  (18122409)
        260265.96   4028959.10        6.48574  (18122409)                260234.49
4028972.21        6.22907  (18122409)
        261467.40   4027758.42        2.58311  (22011309)                261658.44
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4027805.11   2.65588 (22011309)
        261643.87   4027836.20   2.22279 (22011309)   261629.30
4027867.30   1.70465 (22011309)
        261614.73   4027898.40   1.48148 (20112009)   261600.16
4027929.50   1.77408 (20112009)
        261585.59   4027960.60   2.22490 (20121609)   261571.02
4027991.69   3.36775 (20121609)
        261556.45   4028022.79   4.76612 (20121609)   261541.88
4028053.89   6.32256 (20121609)
        261527.30   4028084.99   7.85787 (20121609)   261512.73
4028116.09   9.15704 (20121609)
        261498.16   4028147.19   10.00713 (20121609)   261483.59
4028178.28   10.28522 (20121609)
        261469.02   4028209.38   9.92511 (20121609)   261454.45
4028240.48   8.99499 (20121609)
        261439.88   4028271.58   7.65312 (20121609)   261425.31
4028302.68   6.11581 (20121609)
        261410.74   4028333.77   5.03375 (20010809)   261396.17
4028364.87   6.48213 (20010809)
        261381.60   4028395.97   7.87121 (20010809)   261367.03
4028427.07   9.00367 (20010809)
        261352.46   4028458.17   9.71632 (20010809)   261337.89
4028489.27   9.89518 (20010809)
        261323.32   4028520.36   9.53673 (20010809)   261308.75
4028551.46   9.63720 (22122009)
        261294.18   4028582.56   9.76762 (22122009)   261279.61
4028613.66   9.36619 (22122009)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B ***
                                 INCLUDING SOURCE(S):   PHASE2B   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
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- -
        261265.04   4028644.76   8.52652 (22122009)   261250.47

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4028675.85        7.37058  (22122009)
        261235.90   4028706.95        6.04561  (22122009)                261221.32
4028738.05        4.72036  (22122009)
        261190.90   4028775.75        3.12113  (22122016)                261159.20
4028788.96        4.14735  (18123109)
        261127.50   4028802.17        5.15416  (18123109)                261095.80
4028815.38        5.98247  (18123109)
        261064.10   4028828.59        6.46960  (18123109)                261032.40
4028841.80        6.51752  (18123109)
        261000.70   4028855.01        6.11936  (18123109)                260969.00
4028868.22        5.34735  (18123109)
        260937.30   4028881.43        4.33273  (18123109)                260905.60
4028894.64        3.25948  (18123109)
        260873.90   4028907.85        2.55261  (21010710)                260842.20
4028921.06        2.87112  (22011009)
        260810.50   4028934.27        3.29234  (22011009)                260778.80
4028947.48        3.46276  (22011009)
        260747.10   4028960.69        3.34354  (22011009)                260715.40
4028973.90        2.96001  (22011009)
        260683.70   4028987.11        3.57257  (20010609)                260652.00
4029000.32        4.56577  (20010609)
        260620.30   4029013.53        5.40110  (20010609)                260588.60
4029026.74        5.90879  (20010609)
        260556.90   4029039.95        5.99635  (20010609)                260525.20
4029053.16        5.63930  (20010609)
        260493.50   4029066.37        4.92070  (20010609)                260461.80
4029079.58        4.40784  (22121510)
        260430.10   4029092.79        3.79529  (22121510)                260398.40
4029106.00        3.67576  (18122409)
        260366.70   4029119.21        4.55125  (18122409)                260335.00
4029132.42        5.23872  (18122409)
        260303.30   4029145.63        5.62246  (18122409)                260271.60
4029158.84        5.62469  (18122409)
        260239.90   4029172.05        5.25140  (18122409)                261666.92
4027772.26        2.92837  (22011309)
        260195.10   4027643.19       30.15984  (20010609)                260194.68
4027618.34       31.67115  (20010609)
        260194.26   4027593.49       33.16720  (20010609)                260193.84
4027568.64       34.80821  (20010609)
        260193.42   4027543.79       36.34998  (20010609)                260193.01
4027518.94       37.78664  (20010609)
        260192.59   4027494.09       39.07704  (20010609)                260192.17
4027469.24       45.47845  (18123109)
        260191.75   4027444.39       54.23144  (22122009)                260191.33
4027419.55       69.51057  (22122009)
        260190.91   4027394.70       82.85402  (22122009)                260190.50
4027369.85       86.39166  (22122009)
        260190.08   4027345.00       81.38250  (22122009)                260189.66
4027320.15       78.71286  (20010809)
        260189.24   4027295.30       74.39660  (20010809)                260188.82
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4027270.45       70.71784  (20121609)
        260188.40   4027245.60       66.30380  (20121609)                260187.99
4027220.75       59.10857  (20121609)
        260187.57   4027195.90       54.77586  (19121116)                260187.15
4027171.05       64.20438  (19121116)
        260186.73   4027146.20       74.76974  (19121116)                260186.31
4027121.35       88.70249  (19121116)
        260185.89   4027096.50       98.11340  (19121116)                260185.48
4027071.65       97.36401  (19121116)
        260185.06   4027046.81       85.22046  (19121116)                260184.64
4027021.96       69.99616  (19121116)
        260184.22   4026997.11       56.92100  (19121116)                260183.80
4026972.26       44.64454  (19121116)
        260183.38   4026947.41       39.03141  (19120316)                260182.96
4026922.56       34.84957  (19120316)
        260220.09   4027642.77       28.27027  (20010609)                260219.68
4027617.92       28.82903  (20010609)
        260219.26   4027593.07       29.19505  (20010609)                260218.84
4027568.22       29.49192  (20010609)
        260218.42   4027543.37       32.26713  (18123109)                260218.00
4027518.52       37.10648  (18123109)
        260217.58   4027493.67       43.19958  (18123109)                260217.17
4027468.82       50.88744  (22122009)
        260216.75   4027443.97       64.02696  (22122009)                260216.33
4027419.12       76.89768  (22122009)
        260215.91   4027394.28       80.63705  (22122009)                260215.49
4027369.43       76.25363  (20010809)
        260215.07   4027344.58       74.12630  (20010809)                260214.66
4027319.73       75.32719  (20121609)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 548
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2B  ***
                                  INCLUDING SOURCE(S):     PHASE2B     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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260214.24 4027294.88 74.08319 (20121609) 260213.82
4027270.03 70.33462 (20121609)
260213.40 4027245.18 62.03223 (20121609) 260212.98
4027220.33 49.89265 (20121609)
260212.56 4027195.48 47.60595 (22121609) 260212.15
4027170.63 51.10035 (22121609)
260211.73 4027145.78 63.06418 (19121116) 260211.31
4027120.93 73.77867 (19121116)
260210.89 4027096.08 80.07455 (19121116) 260210.47
4027071.23 84.59815 (19121116)
260210.05 4027046.38 84.32207 (19121116) 260209.63
4027021.54 76.95864 (19121116)
260209.22 4026996.69 66.29720 (19121116) 260208.80
4026971.84 54.95560 (19121116)
260208.38 4026946.99 43.50515 (19121116) 260207.96
4026922.14 36.48705 (19120316)
260245.09 4027642.35 23.07948 (20010609) 260244.67
4027617.50 23.81266 (18123109)
260244.25 4027592.65 28.25445 (18123109) 260243.84
4027567.80 32.43991 (18123109)
260243.42 4027542.95 35.52939 (18123109) 260243.00
4027518.10 39.02816 (18123109)
260242.58 4027493.25 46.09074 (22122009) 260242.16
4027468.40 58.97057 (22122009)
260241.74 4027443.55 65.87124 (22122009) 260241.33
4027418.70 68.89443 (22122009)
260240.91 4027393.85 67.77550 (20010809) 260240.49
4027369.01 64.10961 (20010809)
260240.07 4027344.16 62.75849 (20121609) 260239.65
4027319.31 64.56641 (20121609)
260239.23 4027294.46 64.21086 (20121609) 260238.82
4027269.61 59.79322 (20121609)
260238.40 4027244.76 53.02841 (20121609) 260237.98
4027219.91 49.83548 (22121609)
260237.56 4027195.06 49.62482 (22121609) 260237.14
4027170.21 52.27171 (22121609)
260236.72 4027145.36 50.04329 (22121609) 260236.30
4027120.51 54.60127 (19121116)
260235.89 4027095.66 62.15809 (19121116) 260235.47
4027070.81 68.45077 (19121116)
260235.05 4027045.96 72.92945 (19121116) 260234.63
4027021.11 73.79036 (19121116)
260234.21 4026996.26 69.79303 (19121116) 260233.79
4026971.42 62.06899 (19121116)
260233.38 4026946.57 52.22730 (19121116) 260232.96
4026921.72 42.24482 (19121116)
260232.54 4026896.87 33.40554 (19121116) 260270.09
4027641.93 24.66755 (18123109)
260269.67 4027617.08 28.60917 (18123109) 260269.25

4027592.23   32.35761 (18123109)
        260268.83   4027567.38   34.87975 (18123109)   260268.41
4027542.53   36.59920 (18123109)
        260268.00   4027517.68   42.97762 (22122009)   260267.58
4027492.83   52.97289 (22122009)
        260267.16   4027467.98   61.45171 (22122009)   260266.74
4027443.13   62.69224 (22122009)
        260266.32   4027418.28   60.08431 (20010809)   260265.90
4027393.43   58.15412 (20010809)
        260265.49   4027368.58   58.52570 (20121609)   260265.07
4027343.73   56.96904 (20121609)
        260264.65   4027318.89   55.23947 (20121609)   260264.23
4027294.04   52.69426 (20121609)
        260263.81   4027269.19   47.36149 (20121609)   260263.39
4027244.34   45.03345 (22121609)
        260262.97   4027219.49   47.47554 (22121609)   260262.56
4027194.64   47.95928 (22121609)
        260262.14   4027169.79   47.56223 (22121609)   260261.72
4027144.94   44.85079 (22121609)
        260261.30   4027120.09   39.52025 (22010709)   260260.88
4027095.24   46.02181 (19121116)
        260260.46   4027070.39   53.23060 (19121116)   260320.08
4027641.09   29.80513 (18123109)
        260319.66   4027616.24   31.10061 (18123109)   260319.24
4027591.39   33.53739 (22122009)
        260318.83   4027566.54   40.32857 (22122009)   260318.41
4027541.69   45.94471 (22122009)
        260317.99   4027516.84   50.09092 (22122009)   260317.57
4027491.99   52.52441 (22122009)
        260317.15   4027467.14   54.33987 (20010809)   260316.73
4027442.29   52.22439 (20010809)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE2B ***
                                 INCLUDING SOURCE(S):   PHASE2B   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)

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Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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4027614.55       39.16038  (22122009)
        260419.23   4027589.70       39.35213  (22122009)                260418.81
4027564.85       40.36540  (20010809)
        260418.39   4027540.00       39.66404  (20010809)                260417.97
4027515.16       37.29815  (20010809)
        260417.56   4027490.31       40.79356  (20121609)                260417.14
4027465.46       42.11476  (20121609)
        260416.72   4027440.61       41.91370  (20121609)                260416.30
4027415.76       39.81503  (20121609)
        260415.88   4027390.91       35.73842  (20121609)                260415.46
4027366.06       30.08120  (20121609)
        260415.05   4027341.21       23.74652  (20121609)                260414.63
4027316.36       25.28338  (22121609)
        260414.21   4027291.51       28.34479  (22121609)                260413.79
4027266.66       28.39255  (22121609)
        260413.37   4027241.81       28.56726  (22121609)                260412.95
4027216.96       28.88251  (22121609)
        260412.54   4027192.11       29.28357  (22121609)                260412.12
4027167.26       29.34786  (22121609)
        260411.70   4027142.41       26.19329  (22121609)                260411.28
4027117.57       18.61717  (22121609)
        260410.86   4027092.72       16.99878  (18011209)                260410.44
4027067.87       18.03697  (21122009)
        260410.02   4027043.02       20.33049  (21122009)                260409.61
4027018.17       21.78916  (21122009)
        260409.19   4026993.32       23.01129  (21122009)                260408.77
4026968.47       23.95596  (22010709)
        260408.35   4026943.62       26.63317  (22010709)                260407.93
4026918.77       28.13936  (22010709)
        260407.51   4026893.92       28.56500  (22010709)                260470.48
4027663.41       34.40145  (22122009)
        260470.06   4027638.56       34.54695  (20010809)                260469.64
4027613.71       35.72943  (20010809)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 550
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2B  ***
                                 INCLUDING SOURCE(S):     PHASE2B     ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
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      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
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4027090.19       12.87256  (18011209)
        260560.42   4027065.34       13.05418  (18011209)                260560.00
4027040.49       12.98590  (18011209)
        260559.59   4027015.64       12.47067  (18011209)                260559.17
4026990.79       11.10388  (18011209)
        260558.75   4026965.94       12.50750  (21122009)                260558.33
4026941.09       14.60710  (21122009)
        260557.91   4026916.25       16.10168  (21122009)                260557.49
4026891.40       17.05969  (21122009)
        260670.45   4027660.04       25.30415  (20121609)                260670.03
4027635.19       26.37161  (20121609)
        260669.61   4027610.34       26.38276  (20121609)                260669.19
4027585.49       25.26876  (20121609)
        260668.78   4027560.65       23.10563  (20121609)                260668.36
4027535.80       20.18441  (20121609)
        260667.94   4027510.95       16.75229  (20121609)                260667.52
4027486.10       13.07709  (20121609)
        260667.10   4027461.25        9.50380  (20121609)                260666.68
4027436.40        6.35013  (20121609)
        260666.27   4027411.55        6.32596  (18121109)                260665.85
4027386.70        6.95094  (18121109)
        260665.43   4027361.85        8.99718  (22121609)                260665.01
4027337.00       13.14751  (22121609)
        260664.59   4027312.15       16.85899  (22121609)                260664.17
4027287.30       19.52948  (22121609)
        260663.75   4027262.45       21.04491  (22121609)                260663.34
4027237.60       21.62317  (22121609)
        260662.92   4027212.75       21.44573  (22121609)                260662.50
4027187.90       20.49934  (22121609)
        260662.08   4027163.06       18.56774  (22121609)                260661.66
4027138.21       15.48004  (22121609)
        260661.24   4027113.36       11.49617  (22121609)                260660.83
4027088.51       10.21903  (18011209)
        260660.41   4027063.66       10.94637  (18011209)                260769.98
4027675.57       22.47242  (20121609)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 551
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2B  ***
                                 INCLUDING SOURCE(S):     PHASE2B     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
260770.02	4027633.51	20.29705	(20121609)	260769.60	4027608.66	18.03279	(20121609)
260769.18	4027583.81	15.30630	(20121609)	260768.76	4027558.96	12.45258	(20121609)
260768.34	4027534.11	9.54607	(20121609)	260767.92	4027509.26	6.83365	(20121609)
260767.51	4027484.41	4.54729	(20121609)	260767.09	4027459.56	4.83340	(18121109)
260766.67	4027434.72	5.95145	(18121109)	260766.25	4027409.87	6.63187	(18121109)
260765.83	4027385.02	6.94146	(18121109)	260765.41	4027360.17	8.51554	(22121609)
260765.00	4027335.32	11.87114	(22121609)	260764.58	4027310.47	14.90331	(22121609)
260764.16	4027285.62	17.16752	(22121609)	260763.74	4027260.77	18.51387	(22121609)
260763.32	4027235.92	19.06258	(22121609)	260762.90	4027211.07	18.82572	(22121609)
260762.49	4027186.22	17.82709	(22121609)	260762.07	4027161.37	15.97348	(22121609)
260761.65	4027136.52	13.25292	(22121609)	260761.23	4027111.67	10.02646	(22121609)
260760.81	4027086.82	8.67231	(22122809)	260760.39	4027061.97	8.62052	(18011209)
260759.98	4027037.13	9.46383	(18011209)	260759.56	4027012.28	9.88839	(18011209)
260759.14	4026987.43	9.96582	(18011209)	260758.72	4026962.58	9.63863	(18011209)
260758.30	4026937.73	8.81338	(18011209)	260757.88	4026912.88	7.51661	(18011209)
260757.46	4026888.03	6.30656	(22120209)	260869.89	4027676.75	16.16816	(20121609)
260870.00	4027631.83	11.93513	(20121609)	260869.58	4027606.98	9.46025	(20121609)
260869.17	4027582.13	7.10847	(20121609)	260868.75	4027557.28	5.04978	(20121609)
260868.33	4027532.43	3.46451	(22011309)	260867.91	4027507.58	3.68052	(22011309)
260867.49	4027482.73	4.53762	(18121109)	260867.07	4027457.88	5.61634	(18121109)
260866.66	4027433.03	6.38921	(18121109)	260866.24	4027408.18	6.83019	(18121109)
260865.82	4027383.33	6.83363	(18121109)	260865.40			

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4027358.48        8.04245  (22121609)
        260864.98   4027333.63       10.78062  (22121609)                260864.56
4027308.78       13.29144  (22121609)
        260864.14   4027283.94       15.23192  (22121609)                260863.73
4027259.09       16.39104  (22121609)
        260863.31   4027234.24       16.83902  (22121609)                260862.89
4027209.39       16.67681  (22121609)
        260862.47   4027184.54       15.75835  (22121609)                260862.05
4027159.69       14.06007  (22121609)
        260861.63   4027134.84       11.69775  (22121609)                260861.22
4027109.99        8.98102  (22121609)
        260860.80   4027085.14        7.65207  (22122809)                260860.38
4027060.29        7.76281  (22122809)
        261069.89   4027672.67        3.93897  (20121609)                261069.97
4027628.46        2.78116  (22011309)
        261069.56   4027603.61        3.16155  (22011309)                261069.14
4027578.76        3.40583  (22011309)
        261068.72   4027553.91        3.49861  (22011309)                261068.30
4027529.06        3.96309  (18121109)
        261067.88   4027504.21        4.98669  (18121109)                261067.46
4027479.36        5.82317  (18121109)
        261067.05   4027454.51        6.39361  (18121109)                261066.63
4027429.66        6.66680  (18121109)
        261066.21   4027404.82        6.62036  (18121109)                261065.79
4027379.97        6.26742  (18121109)
        261065.37   4027355.12        7.33261  (22121609)                261064.95
4027330.27        9.34515  (22121609)
        261064.54   4027305.42       11.11331  (22121609)                261064.12
4027280.57       12.26918  (22121609)
        261063.70   4027255.72       13.01065  (22121609)                261063.28
4027230.87       13.57540  (22121609)
        261062.86   4027206.02       13.52126  (22121609)                261062.44
4027181.17       12.68731  (22121609)
        261062.02   4027156.32       11.28841  (22121609)                261061.61
4027131.47        9.49543  (22121609)
        261061.19   4027106.62        7.39312  (22121609)                261060.77
4027081.77        5.57724  (22122809)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 552
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2B  ***
                                  INCLUDING SOURCE(S):     PHASE2B     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
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***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
261060.35	4027056.92	6.10527	(22122809)	261269.74	4027673.60	2.98352	(22011309)
261269.12	4027697.26	2.63073	(22011309)	261268.50	4027720.92	2.20622	(22011309)
261270.36	4027649.94	3.23467	(22011309)	261269.95	4027625.09	3.33527	(22011309)
261269.53	4027600.24	3.32421	(22011309)	261269.11	4027575.39	3.73023	(18121109)
261268.69	4027550.54	4.56070	(18121109)	261268.27	4027525.70	5.26566	(18121109)
261267.85	4027500.85	5.75675	(18121109)	261267.44	4027476.00	6.06669	(18121109)
261267.02	4027451.15	6.17195	(18121109)	261266.60	4027426.30	6.06849	(18121109)
261266.18	4027401.45	5.52950	(18121109)	261265.76	4027376.60	5.13941	(22121609)
261265.34	4027351.75	6.62941	(22121609)	261264.93	4027326.90	8.24789	(22121609)
261264.51	4027302.05	9.58759	(22121609)	261264.09	4027277.20	10.65140	(22121609)
261263.67	4027252.35	11.28458	(22121609)	261263.25	4027227.50	11.28907	(22121609)
261262.83	4027202.65	10.90800	(22121609)	261262.41	4027177.80	10.34898	(22121609)
261262.00	4027152.95	9.30538	(22121609)	261261.58	4027128.11	7.93633	(22121609)
261261.16	4027103.26	6.41563	(22121609)	261260.74	4027078.41	4.89859	(22121609)
261260.32	4027053.56	4.37589	(22122809)	261469.75	4027668.94	3.13704	(22011309)
261468.58	4027713.68	3.06271	(22011309)	261470.34	4027646.58	3.01551	(22011309)
261469.92	4027621.73	3.33248	(18121109)	261469.50	4027596.88	4.22965	(18121109)
261469.08	4027572.03	5.02873	(18121109)	261468.66	4027547.18	5.51942	(18121109)
261468.24	4027522.33	5.87209	(18121109)	261467.83	4027497.48	6.03239	(18121109)
261467.41	4027472.63	5.94982	(18121109)	261466.99	4027447.78	5.54908	(18121109)
261466.57	4027422.93	4.90685	(18121109)	261466.15			

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4027398.08        4.14663  (18121109)
        261465.73   4027373.23        4.97795  (22121609)                261465.32
4027348.38        6.19718  (22121609)
        261464.90   4027323.53        7.37059  (22121609)                261464.48
4027298.68        8.39909  (22121609)
        261464.06   4027273.83        9.18628  (22121609)                261463.64
4027248.99        9.65263  (22121609)
        261463.22   4027224.14        9.74927  (22121609)                261462.80
4027199.29        9.48016  (22121609)
        261462.39   4027174.44        8.85453  (22121609)                261461.97
4027149.59        7.90705  (22121609)
        261461.55   4027124.74        6.76957  (22121609)                261461.13
4027099.89        5.57910  (22121609)
        261460.71   4027075.04        4.40796  (22121609)                261460.29
4027050.19        3.30458  (22121609)
        261459.88   4027025.34        3.48254  (22122809)                261459.46
4027000.49        3.98797  (22122809)
        261459.04   4026975.64        4.35693  (22122809)                261458.62
4026950.79        4.55010  (22122809)
        261458.20   4026925.94        4.55298  (22122809)                261457.78
4026901.09        4.36410  (22122809)
        261457.37   4026876.25        3.99652  (22122809)                261669.74
4027664.72        3.34643  (18121109)
        261668.62   4027707.73        2.86277  (22011309)                261669.89
4027618.36        4.62245  (18121109)
        261669.47   4027593.51        5.23842  (18121109)                261669.05
4027568.66        5.61965  (18121109)
        261668.63   4027543.81        5.78142  (18121109)                261668.22
4027518.96        5.72896  (18121109)
        261667.80   4027494.11        5.44861  (18121109)                261667.38
4027469.26        4.95363  (18121109)
        261666.96   4027444.41        4.27202  (18121109)                261666.54
4027419.56        3.52890  (18121109)
        261666.12   4027394.71        3.77268  (22121609)                261665.71
4027369.87        4.74038  (22121609)
        261665.29   4027345.02        5.72427  (22121609)                261664.87
4027320.17        6.65155  (22121609)
        261664.45   4027295.32        7.44196  (22121609)                261664.03
4027270.47        8.02421  (22121609)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                PAGE 553
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE2B  ***
                                INCLUDING SOURCE(S):     PHASE2B     ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
261663.61	4027245.62	8.35306	(22121609)	261663.19	4027220.77	8.39440	(22121609)
261662.78	4027195.92	8.14049	(22121609)	261662.36	4027171.07	7.61974	(22121609)
261661.94	4027146.22	6.87684	(22121609)	261661.52	4027121.37	5.97685	(22121609)
261661.10	4027096.52	4.99834	(22121609)	261660.68	4027071.67	4.01536	(22121609)
261660.27	4027046.82	3.14675	(21111709)	261659.85	4027021.97	2.48771	(21111709)
261659.43	4026997.12	2.81516	(22122809)	261659.01	4026972.28	3.27137	(22122809)
261658.59	4026947.43	3.63709	(22122809)	261658.17	4026922.58	3.87735	(22122809)
261657.76	4026897.73	3.96836	(22122809)	261657.34	4026872.88	3.90095	(22122809)
260288.10	4026826.13	29.37002	(19121116)	260294.23	4026848.07	36.63331	(19121116)
260300.37	4026870.01	43.24097	(19121116)	260348.08	4026861.01	43.44625	(19121116)
260374.46	4026775.74	36.00808	(19121116)	260380.66	4026797.90	38.85237	(19121116)
260386.85	4026820.06	39.68859	(19121116)	260393.05	4026842.22	38.23159	(19121116)
260399.25	4026864.38	34.70986	(19121116)	260420.80	4026761.83	34.99207	(19121116)
260504.00	4026700.14	27.26779	(19121116)	260510.29	4026722.64	25.32871	(19121116)
260516.59	4026745.14	22.08094	(19121116)	260522.88	4026767.64	21.71390	(22010709)
260529.17	4026790.14	21.32316	(22010709)	260535.47	4026812.64	19.92892	(22010709)
260541.76	4026835.14	17.72714	(22010709)	260548.05	4026857.65	17.38868	(21122009)
260590.35	4026649.71	18.75769	(19121116)	260596.64	4026672.21	18.30977	(22010709)
260602.94	4026694.71	18.73668	(22010709)	260609.23	4026717.21	18.11804	(22010709)
260615.52	4026739.71	16.60653	(22010709)	260626.01			

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4026777.21       14.08526  (21122009)
        260648.04   4026855.96       13.52724  (21122009)                260676.70
4026599.27       16.10287  (22010709)
        260682.99   4026621.77       16.14456  (22010709)                260689.29
4026644.27       15.42196  (22010709)
        260695.58   4026666.77       14.08528  (22010709)                260701.87
4026689.27       12.44304  (22122309)
        260708.17   4026711.78       12.32943  (21122009)                260714.46
4026734.28       13.08110  (21122009)
        260720.75   4026756.78       13.16609  (21122009)                260727.05
4026779.28       12.62335  (21122009)
        260733.34   4026801.78       11.45439  (21122009)                260739.63
4026824.28        9.84618  (21122009)
        260745.93   4026846.78        7.97710  (21122009)                260763.05
4026548.84       14.01959  (22010709)
        260769.34   4026571.34       13.35720  (22010709)                260775.64
4026593.84       12.13251  (22010709)
        260781.93   4026616.34       10.79846  (22122309)                260788.22
4026638.84       10.48109  (21122009)
        260794.52   4026661.34       11.37491  (21122009)                260800.81
4026683.84       11.67841  (21122009)
        260807.10   4026706.34       11.43731  (21122009)                260813.40
4026728.84       10.67005  (21122009)
        260825.98   4026773.84        8.04344  (21122009)                260846.96
4026848.84        5.91541  (22120209)
        260935.75   4026447.97        9.32661  (22122309)                260942.04
4026470.47        8.37802  (22122309)
        260948.34   4026492.97        7.64998  (21122009)                260954.63
4026515.47        8.61262  (21122009)
        260960.92   4026537.97        9.26915  (21122009)                260967.22
4026560.47        9.52662  (21122009)
        260973.51   4026582.97        9.34383  (21122009)                260979.80
4026605.47        8.73986  (21122009)
        260986.10   4026627.97        7.84327  (21122009)                260992.39
4026650.47        6.72297  (21122009)
        260998.68   4026672.97        5.51457  (21122009)                261004.98
4026695.47        4.28631  (21122009)
        261011.27   4026717.98        4.35126  (22120209)                261019.66
4026747.98        5.05776  (22120209)
        261108.46   4026347.13        5.82420  (22122309)                261114.80
4026369.78        6.57709  (21122009)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 554
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
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VALUES FOR SOURCE GROUP: PHASE2B ***
                                INCLUDING SOURCE(S):   PHASE2B   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        261121.13   4026392.44   7.28278 (21122009)   261127.47
4026415.10   7.74368 (21122009)
        261133.81   4026437.76   7.91107 (21122009)   261140.15
4026460.42   7.76463 (21122009)
        261146.48   4026483.08   7.32381 (21122009)   261152.82
4026505.74   6.63542 (21122009)
        261159.16   4026528.40   5.76575 (21122009)   261165.50
4026551.06   4.79866 (21122009)
        261171.84   4026573.72   3.81524 (21122009)   261178.17
4026596.37   3.10355 (22120209)
        261184.51   4026619.03   3.57468 (22120209)   261190.85
4026641.69   4.02989 (22120209)
        261197.19   4026664.35   4.45838 (22120209)   261203.52
4026687.01   4.84138 (22120209)
        261209.86   4026709.67   5.15701 (22120209)   261219.37
4026743.66   5.41320 (22120209)
        261281.16   4026246.25   5.72261 (21122009)   261287.49
4026268.89   6.22848 (21122009)
        261293.82   4026291.52   6.53782 (21122009)   261300.15
4026314.16   6.61501 (21122009)
        261306.48   4026336.79   6.49078 (21122009)   261312.81
4026359.42   6.18723 (21122009)
        261319.14   4026382.06   5.68171 (21122009)   261325.47
4026404.69   5.02218 (21122009)
        261331.80   4026427.33   4.26741 (21122009)   261338.13
4026449.96   3.49020 (21122009)
        261344.47   4026472.60   2.73234 (21122009)   261350.80
4026495.23   2.62928 (22120209)
        261357.13   4026517.87   3.07714 (22120209)   261363.46
4026540.50   3.54388 (22120209)
        261369.79   4026563.14   3.95001 (22120209)   261376.12
4026585.77   4.27958 (22120209)
        261382.45   4026608.40   4.56358 (22120209)   261388.78
4026631.04   4.78409 (22120209)
        261395.11   4026653.67   4.93080 (22120209)   261401.44
4026676.31   4.98434 (22120209)
        261407.77   4026698.94   4.88341 (22120209)   261414.10

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4026721.58        4.88707  (18011209)
        261420.44   4026744.21        5.18846  (18011209)                261426.77
4026766.85        5.29036  (18011209)
        261433.10   4026789.48        5.16802  (18011209)                261439.43
4026812.11        4.84439  (18011209)
        261445.76   4026834.75        4.34969  (18011209)                261453.86
4026145.38        5.44944  (21122009)
        261460.18   4026168.00        5.70109  (21122009)                261466.51
4026190.61        5.78181  (21122009)
        261472.83   4026213.23        5.68433  (21122009)                261479.16
4026235.85        5.41419  (21122009)
        261485.49   4026258.46        4.99479  (21122009)                261491.81
4026281.08        4.46162  (21122009)
        261498.14   4026303.70        3.85676  (21122009)                261504.46
4026326.31        3.22362  (21122009)
        261510.79   4026348.93        2.60153  (21122009)                261517.11
4026371.55        2.02399  (21122009)
        261523.44   4026394.16        2.28148  (22120209)                261529.77
4026416.78        2.61858  (22120209)
        261536.09   4026439.39        2.94705  (22120209)                261542.42
4026462.01        3.27901  (22120209)
        261548.74   4026484.63        3.62397  (22120209)                261555.07
4026507.24        3.97922  (22120209)
        261561.40   4026529.86        4.25540  (22120209)                261567.72
4026552.48        4.43511  (22120209)
        261574.05   4026575.09        4.53041  (22120209)                261580.37
4026597.71        4.57852  (22120209)
        261586.70   4026620.33        4.54080  (22120209)                261593.02
4026642.94        4.39622  (22120209)
        261599.35   4026665.56        4.37181  (18011209)                261605.68
4026688.18        4.57322  (18011209)
        261612.00   4026710.79        4.59583  (18011209)                261618.33
4026733.41        4.45255  (18011209)
        261624.65   4026756.03        4.15225  (18011209)                261630.98
4026778.64        3.71785  (18011209)
        261637.31   4026801.26        3.19541  (18011209)                261643.63
4026823.88        3.32783  (22122809)
        261649.96   4026846.49        3.66361  (22122809)                260178.22
4026852.86       29.63962  (20122409)
        260186.13   4026829.14       26.82161  (20122409)                260206.65
4026845.81       27.68753  (19120316)
        260187.19   4026799.87       25.57567  (20122409)                260223.53
4026769.10       21.80804  (19120316)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 555
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE2B ***
INCLUDING SOURCE(S):   PHASE2B   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
260244.05	4026785.76	25.61501	(19120316)	260264.57	4026802.43	26.63031	(19120316)
260226.11	4026710.93	17.42405	(20122409)	260248.00	4026728.70	21.30185	(19120316)
260299.44	4026710.19	22.23209	(19120316)	260321.04	4026727.73	20.28806	(19120316)
260342.64	4026745.27	24.90942	(19121116)	260257.58	4026615.93	13.56180	(19120316)
260278.99	4026633.32	17.59141	(19120316)	260300.41	4026650.70	20.10322	(19120316)
260321.82	4026668.09	20.30428	(19120316)	260343.24	4026685.48	18.10071	(19120316)
260333.14	4026556.74	16.86273	(19120316)	260355.03	4026574.51	17.26047	(19120316)
260376.92	4026592.29	15.67923	(19120316)	260398.81	4026610.06	13.00508	(19121116)
260420.70	4026627.83	19.05612	(19121116)	260442.59	4026645.61	24.53436	(19121116)
260464.49	4026663.38	28.13547	(19121116)	260486.38	4026681.15	28.76013	(19121116)
260320.88	4026426.24	9.33634	(19120316)	260342.49	4026443.78	12.27480	(19120316)
260364.09	4026461.32	14.62584	(19120316)	260385.69	4026478.86	15.54307	(19120316)
260407.30	4026496.40	14.72555	(19120316)	260428.90	4026513.94	12.44016	(19120316)
260450.50	4026531.48	11.84633	(19121116)	260472.11	4026549.02	16.74751	(19121116)
260572.92	4026630.87	22.37547	(19121116)	260352.60	4026331.45	8.10562	(19120316)
260374.49	4026349.23	10.54398	(19120316)	260396.39	4026367.00	12.48499	(19120316)
260483.95	4026438.10	9.10006	(19120316)	260505.84	4026455.87	11.29453	(19121116)
260527.73	4026473.64	15.53648	(19121116)	260549.62			

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4026491.42       19.41975  (19121116)
        260571.51   4026509.19       22.13838  (19121116)                260593.40
4026526.96       22.90427  (19121116)
        260615.30   4026544.74       21.75629  (19121116)                260637.19
4026562.51       18.91191  (19121116)
        260659.08   4026580.28       15.19902  (22010709)                260384.16
4026236.53        6.92016  (19120316)
        260405.84   4026254.14        9.02819  (19120316)                260427.53
4026271.74       10.89565  (19120316)
        260449.21   4026289.35       12.03327  (19120316)                260470.90
4026306.95       12.12774  (19120316)
        260492.58   4026324.56       11.04031  (19120316)                260514.26
4026342.17        9.07982  (19120316)
        260535.95   4026359.77        6.93749  (19121116)                260557.63
4026377.38       10.22943  (19121116)
        260579.32   4026394.98       13.75414  (19121116)                260601.00
4026412.59       16.81090  (19121116)
        260622.69   4026430.19       18.98888  (19121116)                260644.37
4026447.80       19.79665  (19121116)
        260709.42   4026500.62       14.58953  (19121116)                260731.11
4026518.22       13.90649  (22010709)
        260447.42   4026046.81        5.46402  (19120316)                260469.15
4026064.45        7.12642  (19120316)
        260505.36   4026093.85        9.38796  (19120316)                260548.82
4026129.14        9.82908  (19120316)
        260570.55   4026146.78        8.90884  (19120316)                260592.28
4026164.42        7.47895  (19120316)
        260614.01   4026182.07        5.77186  (19120316)                260635.74
4026199.71        5.67392  (19121116)
        260657.47   4026217.35        8.06367  (19121116)                260679.20
4026235.00       10.68397  (19121116)
        260700.93   4026252.64       13.31301  (19121116)                260722.66
4026270.28       15.35894  (19121116)
        260744.39   4026287.92       16.51277  (19121116)                260766.12
4026305.57       16.51133  (19121116)
        260860.29   4026382.02       11.46650  (22010709)                260882.02
4026399.66       11.81087  (22010709)
        260903.75   4026417.30       11.29288  (22010709)                260510.67
4025857.08        4.36847  (19120316)
        260532.43   4025874.74        5.67288  (19120316)                260554.19
4025892.41        6.90273  (19120316)
        260575.95   4025910.08        7.84813  (19120316)                260699.25
4026010.19        4.46927  (19120316)
        260721.01   4026027.85        3.62886  (19121116)                260742.77
4026045.52        5.28729  (19121116)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE2B ***
INCLUDING SOURCE(S): PHASE2B ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
260764.53	4026063.19	7.22266	(19121116)	260786.29	4026080.85	9.22468	(19121116)
260808.05	4026098.52	11.06889	(19121116)	260829.81	4026116.18	12.64029	(19121116)
260851.57	4026133.85	13.78655	(19121116)	260873.32	4026151.52	13.96713	(19121116)
260895.08	4026169.18	13.30604	(19121116)	260916.84	4026186.85	12.00972	(19121116)
261011.13	4026263.40	9.92565	(22010709)	261032.89	4026281.07	9.60360	(22010709)
261054.65	4026298.74	8.77620	(22010709)	261076.41	4026316.40	7.80865	(22122309)
260573.93	4025667.35	3.57458	(19120316)	260595.71	4025685.03	4.61209	(19120316)
260617.48	4025702.71	5.61809	(19120316)	260639.26	4025720.39	6.44809	(19120316)
260661.04	4025738.08	6.96376	(19120316)	260769.94	4025826.49	4.30669	(19120316)
260849.80	4025891.33	4.90044	(19121116)	260871.58	4025909.01	6.44473	(19121116)
260893.36	4025926.69	8.07667	(19121116)	260915.13	4025944.38	9.63791	(19121116)
260936.91	4025962.06	10.88669	(19121116)	260958.69	4025979.74	11.64959	(19121116)
260980.47	4025997.43	11.82651	(19121116)	261002.25	4026015.11	11.41635	(19121116)
261024.03	4026032.79	10.55660	(19121116)	261045.81	4026050.47	9.23657	(19121116)
261067.59	4026068.16	7.69082	(19121116)	261089.37	4026085.84	7.21636	(22010709)
261111.15	4026103.52	8.02381	(22010709)	261132.93	4026121.20	8.43648	(22010709)
261154.71	4026138.89	8.40757	(22010709)	261176.49			

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4026156.57        7.91246  (22010709)
        261198.26   4026174.25        7.17141  (22122309)                261220.04
4026191.94        6.38795  (22122309)
        261241.82   4026209.62        5.38517  (22122309)                261263.60
4026227.30        4.97837  (21122009)
        260637.18   4025477.61        2.96299  (19120316)                260658.97
4025495.31        3.76153  (19120316)
        260680.76   4025513.00        4.57325  (19120316)                260702.56
4025530.70        5.32832  (19120316)
        260724.35   4025548.39        5.90857  (19120316)                260746.15
4025566.09        6.19132  (19120316)
        260767.94   4025583.78        6.15607  (19120316)                260789.73
4025601.48        5.79863  (19120316)
        260811.53   4025619.17        5.17265  (19120316)                260833.32
4025636.87        4.36905  (19120316)
        260855.12   4025654.56        3.48943  (19120316)                260876.91
4025672.26        2.63961  (19120316)
        260898.71   4025689.95        1.88986  (19120316)                260920.50
4025707.65        2.71786  (19121116)
        260942.29   4025725.34        3.73862  (19121116)                260964.09
4025743.04        4.92068  (19121116)
        260985.88   4025760.73        6.18855  (19121116)                261007.68
4025778.43        7.45507  (19121116)
        261029.47   4025796.12        8.61081  (19121116)                261051.26
4025813.82        9.66249  (19121116)
        261073.06   4025831.51       10.26759  (19121116)                261094.85
4025849.21       10.37398  (19121116)
        261116.65   4025866.90       10.00404  (19121116)                261138.44
4025884.59        9.22673  (19121116)
        261160.23   4025902.29        8.13992  (19121116)                261182.03
4025919.98        6.86754  (19121116)
        261203.82   4025937.68        5.82105  (22010709)                261225.62
4025955.37        6.63631  (22010709)
        261247.41   4025973.07        7.19819  (22010709)                261269.20
4025990.76        7.43934  (22010709)
        261291.00   4026008.46        7.31068  (22010709)                261312.79
4026026.15        6.84815  (22010709)
        261334.59   4026043.85        6.25693  (22122309)                261356.38
4026061.54        5.58929  (22122309)
        261378.18   4026079.24        4.75934  (22122309)                261399.97
4026096.93        4.21567  (18011109)
        261421.76   4026114.63        4.59696  (21122009)                259786.65
4026922.81       19.52493  (22122116)
        259785.22   4026946.18       23.22636  (22122116)                259786.24
4026967.32       25.90267  (22122116)
        259787.46   4026993.13       28.21609  (22122116)                259786.85
4027016.70       29.50444  (20121509)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3A ***
INCLUDING SOURCE(S): PHASE3A ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
260122.88	4026867.29	24.59609	(19121116)	260099.69	4026867.81	23.61451	(19121116)
260076.51	4026868.33	22.41452	(19121116)	260053.32	4026868.85	21.44275	(19121116)
260030.13	4026869.37	20.55605	(19121116)	260006.94	4026869.89	19.68581	(19121116)
259983.76	4026870.42	18.82335	(19121116)	259960.57	4026870.94	17.96726	(19121116)
260145.51	4026841.77	23.97282	(19121116)	260122.32	4026842.29	23.03147	(19121116)
260099.13	4026842.82	22.03230	(19121116)	260075.94	4026843.34	20.83646	(19121116)
260052.76	4026843.86	20.04088	(19121116)	260029.57	4026844.38	19.29127	(19121116)
260006.38	4026844.90	18.48444	(19121116)	259983.19	4026845.42	17.60894	(19121116)
259960.01	4026845.94	17.13383	(19120316)	260157.65	4026818.69	23.09305	(19121116)
260121.76	4026817.30	21.55710	(19121116)	260098.57	4026817.82	20.68488	(19121116)
260075.38	4026818.34	19.53923	(19121116)	260052.19	4026818.86	18.73926	(19121116)
260029.01	4026819.39	18.03281	(19121116)	260005.82	4026819.91	17.29498	(19121116)
259982.63	4026820.43	16.84680	(19120316)	259959.44	4026820.95	16.37438	(19120316)
260161.32	4026794.34	21.83669	(19121116)	260121.20	4026792.31	20.22141	(19121116)
260098.01	4026792.83	19.33459	(19121116)	260074.82	4026793.35	18.34619	(19121116)
260051.63	4026793.87	17.59265	(19121116)	260028.45			

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4026794.39       16.91157  (19121116)
        260005.26   4026794.91       16.50389  (19120316)                259982.07
4026795.43       16.30611  (19120316)
        259958.88   4026795.96       15.68812  (19120316)                260160.19
4026744.35       19.43982  (19121116)
        260120.07   4026742.32       17.96171  (19121116)                260096.88
4026742.84       17.13757  (19121116)
        260073.70   4026743.36       16.38063  (19121116)                260050.51
4026743.88       15.69809  (19121116)
        260027.32   4026744.40       15.74453  (19120316)                260004.13
4026744.93       15.57183  (19120316)
        259980.95   4026745.45       15.08880  (19120316)                259957.76
4026745.97       15.34015  (20122409)
        260164.72   4026695.21       17.91343  (19121116)                260187.30
4026698.62       18.91239  (19121116)
        260142.14   4026691.81       16.99286  (19121116)                260118.95
4026692.33       16.19751  (19121116)
        260095.76   4026692.85       15.37462  (19121116)                260072.57
4026693.37       14.94040  (19120316)
        260049.39   4026693.90       15.01057  (19120316)                260026.20
4026694.42       14.87893  (19120316)
        260003.01   4026694.94       14.44574  (19120316)                259979.82
4026695.46       14.41476  (20122409)
        259956.64   4026695.98       15.05888  (20122409)                260162.18
4026645.01       15.88967  (19121116)
        260204.52   4026651.40       17.69918  (19121116)                260117.82
4026642.34       14.30322  (19120316)
        260094.64   4026642.87       14.38181  (19120316)                260071.45
4026643.39       14.32321  (19120316)
        260048.26   4026643.91       14.12852  (19120316)                260025.07
4026644.43       13.71730  (19120316)
        260001.89   4026644.95       13.31377  (20122409)                259978.70
4026645.47       14.06058  (20122409)
        259955.51   4026645.99       14.69731  (20122409)                260160.21
4026594.90       13.83864  (19121116)
        260200.85   4026601.03       15.52186  (19121116)                260116.70
4026592.36       13.81210  (19120316)
        260093.51   4026592.88       13.82115  (19120316)                260070.33
4026593.40       13.62795  (19120316)
        260047.14   4026593.92       13.17246  (19120316)                260023.95
4026594.44       12.52173  (19120316)
        260000.76   4026594.96       13.07511  (20122409)                259977.58
4026595.48       13.78862  (20122409)
        259954.39   4026596.01       14.41751  (20122409)                260160.22
4026495.27       12.73546  (19120316)
        260182.80   4026498.67       12.73087  (19120316)                260205.38
4026502.07       12.60553  (19120316)
        260227.96   4026505.48       12.98015  (19121116)                260250.54
4026508.88       13.86199  (19121116)
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A ***
                                 INCLUDING SOURCE(S):   PHASE3A   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        260137.64   4026491.86   12.66116 (19120316)   260114.45
4026492.38   12.48632 (19120316)
        260091.27   4026492.90   12.17228 (19120316)   260068.08
4026493.42   11.70107 (19120316)
        260044.89   4026493.95   11.21256 (20122409)   260021.70
4026494.47   12.04969 (20122409)
        259998.52   4026494.99   12.74189 (20122409)   259975.33
4026495.51   13.33925 (20122409)
        259952.14   4026496.03   13.86982 (20122409)   260156.56
4026395.08   11.65437 (19120316)
        260198.90   4026401.46   11.95541 (19120316)   260241.24
4026407.84   11.89625 (19120316)
        260283.58   4026414.23   11.91370 (19121116)   260112.21
4026392.41   10.89205 (19120316)
        260089.02   4026392.93   10.27390 (19120316)   260065.83
4026393.45   10.11138 (20122409)
        260042.64   4026393.97   10.98254 (20122409)   260019.46
4026394.49   11.68911 (20122409)
        259996.27   4026395.01   12.28623 (20122409)   259973.08
4026395.54   12.83046 (20122409)
        259949.89   4026396.06   13.32136 (20122409)   260155.73
4026295.32   10.40354 (19120316)
        260178.31   4026298.72   10.83542 (19120316)   260200.89
4026302.12   11.09968 (19120316)
        260223.47   4026305.53   11.21942 (19120316)   260246.05
4026308.93   11.34185 (19120316)
        260268.63   4026312.34   11.34284 (19120316)   260291.21
4026315.74   11.21766 (19120316)
        260313.79   4026319.15   10.97364 (19120316)   260133.15

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4026291.91        9.83855  (19120316)
        260109.96   4026292.43        9.22984  (19120316)                260086.77
4026292.95        9.36872  (20122409)
        260063.58   4026293.48       10.14299  (20122409)                260040.40
4026294.00       10.79174  (20122409)
        260017.21   4026294.52       11.33112  (20122409)                259994.02
4026295.04       11.77577  (20122409)
        259970.83   4026295.56       12.17808  (20122409)                259947.65
4026296.08       12.55876  (20122409)
        260152.45   4026195.19        8.85843  (19120316)                260195.56
4026201.69        9.84757  (19120316)
        260238.67   4026208.18       10.51352  (19120316)                260281.77
4026214.68       10.76601  (19120316)
        260324.88   4026221.18       10.58793  (19120316)                260107.71
4026192.46        8.67781  (20122409)
        260084.52   4026192.98        9.44505  (20122409)                260061.34
4026193.50       10.08502  (20122409)
        260038.15   4026194.02       10.60514  (20122409)                260014.96
4026194.54       11.12804  (20122409)
        259991.77   4026195.06       11.54832  (20122409)                259968.59
4026195.59       11.86838  (20122409)
        259945.40   4026196.11       12.05838  (20122409)                260148.18
4025995.27        7.50274  (20122409)
        260191.72   4026001.84        7.21109  (19120316)                260235.27
4026008.40        8.15118  (19120316)
        260278.82   4026014.97        8.91550  (19120316)                260322.37
4026021.53        9.51617  (19120316)
        260365.91   4026028.10        9.76176  (19120316)                260409.46
4026034.66        9.56193  (19120316)
        260103.22   4025992.51        8.84561  (20122409)                260080.03
4025993.03        9.40465  (20122409)
        260056.84   4025993.55        9.85372  (20122409)                260033.65
4025994.07       10.22862  (20122409)
        260010.47   4025994.59       10.50216  (20122409)                259987.28
4025995.11       10.64320  (20122409)
        259964.09   4025995.64       10.65598  (20122409)                259940.90
4025996.16       10.55091  (20122409)
        260143.82   4025795.34        7.77477  (20122409)                260187.66
4025801.95        6.56570  (20122409)
        260231.49   4025808.56        5.91254  (19120316)                260275.32
4025815.17        6.81229  (19120316)
        260319.15   4025821.78        7.65682  (19120316)                260362.98
4025828.38        8.32989  (19120316)
        260406.82   4025834.99        8.73844  (19120316)                260450.65
4025841.60        8.83894  (19120316)
        260098.72   4025792.56        8.76279  (20122409)                260075.53
4025793.08        9.12999  (20122409)
        260052.35   4025793.60        9.38378  (20122409)                260029.16
4025794.12        9.51905  (20122409)
        260005.97   4025794.64        9.55283  (20122409)                259982.78
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3A ***
                                  INCLUDING SOURCE(S):   PHASE3A   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                ** CONC OF OTHER   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
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4025442.09        6.19589  (19120316)
        260488.44   4025448.75        6.81498  (19120316)                260532.61
4025455.41        7.23951  (19120316)
        260576.79   4025462.07        7.44368  (19120316)                260089.73
4025392.66        7.96313  (20122409)
        260066.54   4025393.18        8.01917  (20122409)                260043.36
4025393.70        7.99225  (20122409)
        260020.17   4025394.22        7.87474  (20122409)                259996.98
4025394.75        7.67674  (20122409)
        259973.79   4025395.27        7.40841  (20122409)                259950.61
4025395.79        7.08105  (20122409)
        259927.42   4025396.31        6.70220  (20122409)                259936.53
4026919.72       19.40855  (19121116)
        259936.93   4026943.08       20.51612  (19121116)                259937.33
4026966.44       21.79142  (19121116)
        259937.73   4026989.80       23.29522  (19121116)                259938.13
4027013.16       24.93720  (19121116)
        259918.11   4026879.03       17.52716  (20122409)                259911.54
4026920.14       18.50359  (19121116)
        259911.93   4026943.51       19.55865  (19121116)                259912.33
4026966.87       20.66081  (19121116)
        259912.73   4026990.23       21.93945  (19121116)                259913.13
4027013.59       23.33867  (19121116)
        259893.11   4026879.46       18.16858  (20122409)                259924.52
4026836.29       16.82153  (20122409)
        259886.54   4026920.57       19.02508  (20122409)                259886.94
4026943.93       19.26242  (20122409)
        259887.34   4026967.29       19.77627  (19121116)                259887.73
4026990.66       21.07860  (19121116)
        259888.13   4027014.02       22.31533  (19121116)                259868.12
4026879.88       19.13712  (20122409)
        259882.06   4026844.38       18.21902  (20122409)                259906.50
4026818.96       17.16207  (20122409)
        259861.54   4026921.00       19.90852  (20122409)                259861.94
4026944.36       20.17255  (20122409)
        259862.34   4026967.72       20.45248  (20122409)                259862.74
4026991.08       20.77353  (20122409)
        259863.14   4027014.44       21.70224  (19121116)                259819.52
4026877.19       21.09958  (20122409)
        259827.89   4026855.88       20.44254  (20122409)                259836.25
4026834.58       19.78852  (20122409)
        259844.62   4026813.28       19.22519  (20122409)                259873.94
4026782.78       17.94991  (20122409)
        259894.90   4026773.58       17.24421  (20122409)                259915.85
4026764.37       16.59042  (20122409)
        259936.80   4026755.17       15.95377  (20122409)                259811.55
4026921.85       21.92074  (20122409)
        259811.95   4026945.21       22.29208  (20122409)                259812.35
4026968.57       22.83690  (20122409)
        259812.75   4026991.93       23.51708  (20122409)                259813.14
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4027015.30       23.92066  (20122409)
        259769.13   4026879.05       21.15573  (20122409)                259785.07
4026838.48       20.38645  (20122409)
↑ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 560
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3A  ***
                                  INCLUDING SOURCE(S):     PHASE3A     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        259801.00   4026797.90       19.56178  (20122409)                259836.90
4026748.57       18.46982  (20122409)
        259876.81   4026731.04       17.41099  (20122409)                259916.72
4026713.51       16.18130  (20122409)
        259718.91   4026880.47       17.72424  (20122409)                259734.41
4026841.02       17.77355  (20122409)
        259749.90   4026801.57       17.69679  (20122409)                259765.40
4026762.13       17.49596  (20122409)
        259800.30   4026714.16       17.71060  (20122409)                259839.10
4026697.12       17.68773  (20122409)
        259877.90   4026680.08       16.83912  (20122409)                259916.71
4026663.03       15.74648  (20122409)
        259669.54   4026879.74       13.23179  (20122409)                259677.91
4026858.44       13.37508  (20122409)
        259686.28   4026837.14       13.53561  (20122409)                259694.64
4026815.84       13.72900  (20122409)
        259703.01   4026794.54       13.87219  (20122409)                259711.38
4026773.24       14.00133  (20122409)
        259719.75   4026751.94       14.18238  (20122409)                259728.11
4026730.63       14.28528  (20122409)
        259736.48   4026709.33       14.38978  (20122409)                259765.80
4026678.83       15.48266  (20122409)
        259786.76   4026669.63       16.26412  (20122409)                259807.71
4026660.42       16.75230  (20122409)
        259828.66   4026651.22       16.89513  (20122409)                259849.62
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4026642.02 16.76317 (20122409)
259870.57 4026632.82 16.44455 (20122409) 259891.53
4026623.61 16.02513 (20122409)
259912.48 4026614.41 15.51363 (20122409) 259933.43
4026605.21 14.97261 (20122409)
259569.16 4026882.46 14.63012 (20010209) 259585.09
4026841.89 11.24946 (20010209)
259601.03 4026801.31 9.36590 (20122409) 259616.97
4026760.74 9.24619 (20122409)
259632.91 4026720.17 9.23582 (20122409) 259648.85
4026679.59 9.27161 (20122409)
259664.78 4026639.02 9.35917 (20122409) 259692.71
4026609.97 10.15756 (20122409)
259732.62 4026592.44 11.89853 (20122409) 259772.53
4026574.91 13.68709 (20122409)
259812.45 4026557.38 14.95172 (20122409) 259852.36
4026539.85 15.36840 (20122409)
259892.27 4026522.32 15.04900 (20122409) 259485.81
4026841.80 19.22003 (20010209)
259502.22 4026800.04 15.84319 (20010209) 259518.63
4026758.27 12.56635 (20010209)
259535.03 4026716.50 9.48773 (20010209) 259543.24
4026695.62 8.06528 (20010209)
259559.64 4026653.85 6.69397 (20122409) 259576.05
4026612.08 6.72431 (20122409)
259592.46 4026570.32 6.73899 (20122409) 259621.20
4026540.41 7.17286 (20122409)
259662.29 4026522.37 8.09848 (20122409) 259703.37
4026504.32 9.33328 (20122409)
259744.46 4026486.28 10.86050 (20122409) 259785.55
4026468.23 12.37395 (20122409)
259826.63 4026450.19 13.46276 (20122409) 259867.72
4026432.14 13.90581 (20122409)
259888.26 4026423.12 13.92839 (20122409) 259377.95
4026863.56 25.99886 (20010209)
259386.32 4026842.26 25.16634 (20010209) 259394.69
4026820.95 24.06360 (20010209)
259403.05 4026799.65 22.70181 (20010209) 259411.42
4026778.35 21.19860 (20010209)
259419.79 4026757.05 19.64707 (20010209) 259428.16
4026735.75 18.08348 (20010209)
259436.52 4026714.45 16.51863 (20010209) 259444.89
4026693.15 14.97982 (20010209)
259453.26 4026671.84 13.47410 (20010209) 259461.63
4026650.54 12.00851 (20010209)
259469.99 4026629.24 10.58960 (20010209) 259478.36
4026607.94 9.23628 (20010209)
259486.73 4026586.64 7.95578 (20010209) 259495.10
4026565.34 6.76479 (20010209)
259503.46 4026544.04 5.67455 (20010209) 259511.83

4026522.74   4.69250 (20010209)
        259520.20   4026501.43   4.43924 (22011111)   259549.52
4026470.93   4.89661 (22011111)
        259570.47   4026461.73   5.08247 (20122409)   259591.43
4026452.53   5.61443 (20122409)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A ***
                                 INCLUDING SOURCE(S):   PHASE3A   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

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4026843.03       22.08337  (20010209)
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4026799.81       23.12956  (20010209)
        259312.16   4026778.20       23.16625  (20010209)                259320.65
4026756.59       22.88320  (20010209)
        259329.14   4026734.98       22.34836  (20010209)                259337.63
4026713.37       21.56449  (20010209)
        259346.12   4026691.76       20.54619  (20010209)                259354.61
4026670.15       19.37900  (20010209)
        259363.10   4026648.54       18.11368  (20010209)                259371.58
4026626.93       16.78904  (20010209)
        259380.07   4026605.32       15.43462  (20010209)                259388.56
4026583.71       14.07637  (20010209)
        259397.05   4026562.10       12.72369  (20010209)                259405.54
4026540.49       11.40240  (20010209)
        259414.03   4026518.88       10.12358  (20010209)                259422.52
4026497.27        8.89341  (20010209)
        259431.00   4026475.66        7.72945  (20010209)                259439.49
4026454.05        6.64104  (20010209)
        259447.98   4026432.44        5.63716  (20010209)                259477.73
4026401.50        3.84480  (22011111)
        259498.99   4026392.16        4.21951  (22011111)                259520.24
4026382.83        4.55034  (22011111)
        259541.50   4026373.49        4.80830  (22011111)                259562.76
4026364.15        5.01249  (22011111)
        259584.02   4026354.82        5.11368  (22011111)                259605.27
4026345.48        5.14963  (22011111)
        259626.53   4026336.15        5.61703  (20122409)                259647.79
4026326.81        6.09248  (20122409)
        259669.05   4026317.47        6.56971  (20122409)                259690.31
4026308.14        7.07634  (20122409)
        259711.56   4026298.80        7.61366  (20122409)                259732.82
4026289.47        8.17904  (20122409)
        259754.08   4026280.13        8.79414  (20122409)                259775.34
4026270.79        9.44502  (20122409)
        259796.59   4026261.46       10.13306  (20122409)                259817.85
4026252.12       10.75340  (20122409)
        259839.11   4026242.79       11.27326  (20122409)                259860.37
4026233.45       11.67091  (20122409)
        259881.62   4026224.11       11.94034  (20122409)                259902.88
4026214.78       12.10788  (20122409)
        259924.14   4026205.44       12.14881  (20122409)                259261.63
4026931.23       18.10627  (20010209)
        259262.03   4026954.59       17.59664  (20010209)                259262.43
4026977.95       17.11535  (20010209)
        259262.83   4027001.31       16.62294  (20010209)                259263.22
4027024.67       16.13752  (20010209)
        259263.62   4027048.03       15.80541  (20010209)                259069.63
4026889.97        9.86550  (22122116)
        259078.00   4026868.67        7.06876  (22122116)                259086.36
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        259111.47   4026783.47   9.94781 (20010209)   259119.83
4026762.16   11.02200 (20010209)
        259128.20   4026740.86   12.09749 (20010209)   259136.57
4026719.56   13.15836 (20010209)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A ***
                                  INCLUDING SOURCE(S):   PHASE3A   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        259144.93   4026698.26   14.17989 (20010209)   259153.30
4026676.96   15.12850 (20010209)
        259161.67   4026655.66   16.02801 (20010209)   259170.04
4026634.36   16.79789 (20010209)
        259178.40   4026613.06   17.44255 (20010209)   259186.77
4026591.75   17.91212 (20010209)
        259195.14   4026570.45   18.18651 (20010209)   259203.51
4026549.15   18.26903 (20010209)
        259211.87   4026527.85   18.15228 (20010209)   259220.24
4026506.55   17.84230 (20010209)
        259228.61   4026485.25   17.36089 (20010209)   259236.98
4026463.95   16.70814 (20010209)
        259245.34   4026442.64   15.93325 (20010209)   259253.71
4026421.34   15.07583 (20010209)
        259262.08   4026400.04   14.48694 (20010209)   259270.45
4026378.74   13.43343 (20010209)
        259278.81   4026357.44   12.16645 (20010209)   259287.18
4026336.14   11.16686 (20010209)
        259295.55   4026314.84   10.15012 (20010209)   259303.91
4026293.54   9.14541 (20010209)
        259333.24   4026263.03   6.94842 (20010209)   259354.19

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4026253.83        5.79195  (20010209)
        259375.14   4026244.63        4.72122  (20010209)                259396.10
4026235.42        3.75810  (20010209)
        259417.05   4026226.22        3.18168  (22011111)                259438.01
4026217.02        3.51435  (22011111)
        259458.96   4026207.82        3.83791  (22011111)                259479.91
4026198.61        4.14296  (22011111)
        259500.87   4026189.41        4.40824  (22011111)                259521.82
4026180.21        4.64015  (22011111)
        259542.78   4026171.01        4.82144  (22011111)                259563.73
4026161.80        4.93907  (22011111)
        259584.68   4026152.60        4.97661  (22011111)                259605.64
4026143.40        4.92755  (22011111)
        259626.59   4026134.20        4.82487  (22011111)                259647.55
4026124.99        4.68057  (22011111)
        259668.50   4026115.79        5.11580  (20122409)                259689.45
4026106.59        5.54777  (20122409)
        259710.41   4026097.39        5.98529  (20122409)                259731.36
4026088.18        6.49379  (20122409)
        259752.32   4026078.98        7.03039  (20122409)                259773.27
4026069.78        7.57158  (20122409)
        259794.23   4026060.58        8.06775  (20122409)                259815.18
4026051.37        8.55221  (20122409)
        259836.13   4026042.17        9.02542  (20122409)                259857.09
4026032.97        9.47005  (20122409)
        259878.04   4026023.77        9.86646  (20122409)                259899.00
4026014.56       10.18495  (20122409)
        259919.95   4026005.36       10.41638  (20122409)                259061.66
4026934.64       16.31807  (22122116)
        259062.06   4026958.00       19.64003  (22122116)                259062.46
4026981.36       23.14943  (22122116)
        259062.85   4027004.72       26.53175  (22122116)                259063.25
4027028.08       29.50555  (22122116)
        259063.65   4027051.44       31.79508  (22122116)                258869.81
4026892.99       24.41534  (22122116)
        258878.33   4026871.29       21.96530  (22122116)                258886.86
4026849.60       19.36966  (22122116)
        258895.38   4026827.90       16.42482  (22122116)                258903.90
4026806.20       13.44967  (22122116)
        258912.42   4026784.51       10.60507  (22122116)                258920.95
4026762.81        8.04279  (22122116)
        258929.47   4026741.12        5.88324  (22122116)                258937.99
4026719.42        5.35119  (22021109)
        258946.51   4026697.73        5.22298  (18121209)                258955.04
4026676.03        5.05148  (18121209)
        258963.56   4026654.33        4.80622  (18121209)                258972.08
4026632.64        4.94892  (20010209)
        258980.60   4026610.94        5.86284  (20010209)                258989.12
4026589.25        6.79917  (20010209)
        258997.65   4026567.55        7.74563  (20010209)                259006.17
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4026545.85        8.68973  (20010209)
        259014.69   4026524.16        9.61144  (20010209)                259023.21
4026502.46       10.50814  (20010209)
        259031.74   4026480.77       11.38057  (20010209)                259040.26
4026459.07       12.20403  (20010209)
        259048.78   4026437.38       12.95291  (20010209)                259057.30
4026415.68       13.60704  (20010209)
        259065.83   4026393.98       14.15401  (20010209)                259074.35
4026372.29       14.57534  (20010209)
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 563
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3A  ***
                                 INCLUDING SOURCE(S):     PHASE3A     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
        259082.87   4026350.59       14.86056  (20010209)                259091.39
4026328.90       14.99922  (20010209)
        259099.92   4026307.20       14.99804  (20010209)                259108.44
4026285.51       14.85646  (20010209)
        259116.96   4026263.81       14.57879  (20010209)                259125.48
4026242.11       14.17453  (20010209)
        259134.00   4026220.42       13.65755  (20010209)                259142.53
4026198.72       13.04731  (20010209)
        259151.05   4026177.03       12.36409  (20010209)                259159.57
4026155.33       11.62397  (20010209)
        259189.44   4026124.26        9.79821  (20010209)                259210.78
4026114.89        8.71951  (20010209)
        259232.12   4026105.52        7.61504  (20010209)                259253.46
4026096.14        6.52963  (20010209)
        259274.80   4026086.77        5.51397  (20010209)                259296.15
4026077.40        4.57011  (20010209)
        259317.49   4026068.02        3.70431  (20010209)                259338.83
4026058.65        3.18440  (21120809)
        259360.17   4026049.28        2.96797  (21120809)                259381.51
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4026039.91        3.04663  (20010210)
        259402.86   4026030.53        3.21283  (22011111)                259424.20
4026021.16        3.49706  (22011111)
        259445.54   4026011.79        3.76953  (22011111)                259466.88
4026002.41        4.01904  (22011111)
        259488.22   4025993.04        4.25430  (22011111)                259509.57
4025983.67        4.45824  (22011111)
        259530.91   4025974.29        4.60935  (22011111)                259552.25
4025964.92        4.68174  (22011111)
        259573.59   4025955.55        4.70501  (22011111)                259594.94
4025946.18        4.68385  (22011111)
        259616.28   4025936.80        4.60642  (22011111)                259637.62
4025927.43        4.44901  (22011111)
        259658.96   4025918.06        4.25905  (22011111)                259680.30
4025908.68        4.19005  (20122409)
        259701.65   4025899.31        4.61046  (20122409)                259722.99
4025889.94        5.03799  (20122409)
        259744.33   4025880.56        5.47155  (20122409)                259765.67
4025871.19        5.94950  (20122409)
        259787.01   4025861.82        6.43279  (20122409)                259808.36
4025852.45        6.91931  (20122409)
        259829.70   4025843.07        7.39334  (20122409)                259851.04
4025833.70        7.83992  (20122409)
        259872.38   4025824.33        8.25780  (20122409)                259893.72
4025814.95        8.63237  (20122409)
        259915.07   4025805.58        8.95531  (20122409)                258861.29
4026914.68       25.86906  (22122116)
        258861.69   4026938.04       26.61108  (22122116)                258862.09
4026961.41       26.75574  (22122116)
        258862.48   4026984.77       26.21391  (22122116)                258862.88
4027008.13       24.90304  (22122116)
        258863.28   4027031.49       25.56542  (20121509)                258863.68
4027054.85       29.43784  (20121509)
        258669.75   4026896.63       17.48691  (22122116)                258678.18
4026875.16       19.57476  (22122116)
        258686.62   4026853.69       21.00725  (22122116)                258695.05
4026832.23       21.74262  (22122116)
        258703.48   4026810.76       21.69570  (22122116)                258711.91
4026789.29       20.93996  (22122116)
        258720.34   4026767.83       19.56600  (22122116)                258728.78
4026746.36       17.79133  (22122116)
        258737.21   4026724.89       15.60655  (22122116)                258745.64
4026703.43       13.37936  (22122116)
        258754.07   4026681.96       11.09064  (22122116)                258762.51
4026660.50        8.88115  (22122116)
        258770.94   4026639.03        6.90249  (22122116)                258779.37
4026617.56        5.61870  (22021109)
        258787.80   4026596.10        5.36045  (22021109)                258796.23
4026574.63        4.98280  (22021109)
        258804.67   4026553.16        4.90917  (18121209)                258813.10
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4026531.70        4.79432  (18121209)
        258821.53   4026510.23        4.60562  (18121209)                258829.96
4026488.76        4.37847  (18121209)
        258838.40   4026467.30        4.08718  (18121209)                258846.83
4026445.83        4.50400  (18120709)
        258855.26   4026424.36        5.02676  (18120709)                258863.69
4026402.90        5.54693  (18120709)
        258872.13   4026381.43        6.04643  (18120709)                258880.56
4026359.97        6.50310  (18120709)
        258888.99   4026338.50        6.78758  (18120709)                258897.42
4026317.03        7.52700  (20010209)
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                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3A  ***
                                  INCLUDING SOURCE(S):     PHASE3A     ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        258905.85   4026295.57        8.29551  (20010209)                258914.29
4026274.10        9.01992  (20010209)
        258922.72   4026252.63        9.70334  (20010209)                258931.15
4026231.17       10.36257  (20010209)
        258939.58   4026209.70       10.99198  (20010209)                258948.02
4026188.23       11.51767  (20010209)
        258956.45   4026166.77       11.95003  (20010209)                258964.88
4026145.30       12.29207  (20010209)
        258973.31   4026123.83       12.53593  (20010209)                258981.74
4026102.37       12.64139  (20010209)
        258990.18   4026080.90       12.62529  (20010209)                258998.61
4026059.44       12.52631  (20010209)
        259007.04   4026037.97       12.36174  (20010209)                259015.47
4026016.50       12.09015  (20010209)
        259045.02   4025985.76       11.27360  (20010209)                259066.14
4025976.49       10.65510  (20010209)
        259087.25   4025967.21        9.90695  (20010209)                259108.37
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4025957.94        9.06024  (20010209)
        259129.49   4025948.67        8.16667  (20010209)                259150.60
4025939.39        7.24543  (20010209)
        259171.72   4025930.12        6.32808  (20010209)                259192.84
4025920.84        5.42985  (20010209)
        259213.95   4025911.57        4.57953  (20010209)                259235.07
4025902.30        3.79594  (20010209)
        259256.19   4025893.02        3.38771  (21120809)                259277.30
4025883.75        3.21339  (21120809)
        259298.42   4025874.48        3.00349  (21120809)                259319.54
4025865.20        2.82907  (20010210)
        259340.65   4025855.93        2.91871  (20010210)                259361.77
4025846.65        2.95967  (20010210)
        259382.89   4025837.38        3.12738  (22011111)                259404.00
4025828.11        3.41273  (22011111)
        259425.12   4025818.83        3.67364  (22011111)                259446.23
4025809.56        3.89995  (22011111)
        259467.35   4025800.28        4.09612  (22011111)                259488.47
4025791.01        4.27034  (22011111)
        259509.58   4025781.74        4.40452  (22011111)                259530.70
4025772.46        4.49065  (22011111)
        259551.82   4025763.19        4.52553  (22011111)                259572.93
4025753.91        4.52589  (22011111)
        259594.05   4025744.64        4.47560  (22011111)                259615.17
4025735.37        4.38088  (22011111)
        259636.28   4025726.09        4.22757  (22011111)                259657.40
4025716.82        4.02636  (22011111)
        259678.52   4025707.55        3.78131  (22011111)                259699.63
4025698.27        3.91632  (22020909)
        259720.75   4025689.00        4.11431  (22020909)                259741.87
4025679.72        4.40894  (20122409)
        259762.98   4025670.45        4.81939  (20122409)                259784.10
4025661.18        5.23251  (20122409)
        259805.21   4025651.90        5.64074  (20122409)                259826.33
4025642.63        6.03535  (20122409)
        259847.45   4025633.35        6.43956  (20122409)                259868.56
4025624.08        6.85106  (20122409)
        259889.68   4025614.81        7.24490  (20122409)                259910.80
4025605.53        7.58287  (20122409)
        258661.32   4026918.09       20.44405  (20121509)                258661.72
4026941.45       23.17680  (20121509)
        258662.12   4026964.82       25.44922  (20121509)                258662.51
4026988.18       27.01447  (20121509)
        258662.91   4027011.54       27.69517  (20121509)                258663.31
4027034.90       27.47497  (20121509)
        258663.71   4027058.26       26.25663  (20121509)                258469.89
4026899.77       22.35213  (20121509)
        258478.42   4026878.03       21.74247  (20121509)                258486.96
4026856.29       20.31986  (20121509)
        258495.50   4026834.56       18.28539  (20121509)                258504.04
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4026812.82       15.84666  (20121509)
        258512.58   4026791.09       14.20275  (22122116)                 258521.11
4026769.35       16.00175  (22122116)
        258529.65   4026747.61       17.45421  (22122116)                 258538.19
4026725.88       18.50414  (22122116)
        258546.73   4026704.14       18.91975  (22122116)                 258555.27
4026682.41       18.68214  (22122116)
        258563.81   4026660.67       17.84678  (22122116)                 258572.34
4026638.93       16.52980  (22122116)
        258580.88   4026617.20       14.84478  (22122116)                 258589.42
4026595.46       12.95081  (22122116)
        258597.96   4026573.73       10.99740  (22122116)                 258606.50
4026551.99        9.06986  (22122116)
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                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3A  ***
                                 INCLUDING SOURCE(S):     PHASE3A     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -
        258615.03   4026530.25        7.26710  (22122116)                 258623.57
4026508.52        5.66262  (22122116)
        258632.11   4026486.78        5.37379  (22021109)                 258640.65
4026465.05        5.12732  (22021109)
        258649.19   4026443.31        4.82424  (22021109)                 258657.73
4026421.57        4.57816  (18121209)
        258666.26   4026399.84        4.56064  (18121209)                 258674.80
4026378.10        4.47967  (18121209)
        258683.34   4026356.37        4.33772  (18121209)                 258691.88
4026334.63        4.13092  (18121209)
        258700.42   4026312.89        3.88916  (18121209)                 258708.95
4026291.16        3.62028  (18121209)
        258717.49   4026269.42        4.04640  (18120709)                 258726.03
4026247.69        4.56144  (18120709)
        258734.57   4026225.95        5.03619  (18120709)                 258743.11
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4026204.21        5.44932  (18120709)
        258751.64   4026182.48        5.83094  (18120709)                258760.18
4026160.74        6.21421  (18120709)
        258768.72   4026139.01        6.49889  (18120709)                258777.26
4026117.27        6.67262  (18120709)
        258785.80   4026095.53        6.72079  (18120709)                258794.34
4026073.80        7.09052  (20010209)
        258802.87   4026052.06        7.71351  (20010209)                258811.41
4026030.33        8.31334  (20010209)
        258819.95   4026008.59        8.84482  (20010209)                258828.49
4025986.85        9.32138  (20010209)
        258837.03   4025965.12        9.73824  (20010209)                258845.56
4025943.38       10.11554  (20010209)
        258854.10   4025921.65       10.43504  (20010209)                258862.64
4025899.91       10.67162  (20010209)
        258871.18   4025878.17       10.82832  (20010209)                258901.10
4025847.05       10.92583  (20010209)
        258922.48   4025837.66       10.84247  (20010209)                258943.86
4025828.27       10.61086  (20010209)
        258965.24   4025818.88       10.23571  (20010209)                258986.63
4025809.49        9.71717  (20010209)
        259008.01   4025800.09        9.08649  (20010209)                259029.39
4025790.70        8.37223  (20010209)
        259050.77   4025781.31        7.59705  (20010209)                259072.15
4025771.92        6.78917  (20010209)
        259093.53   4025762.53        5.97460  (20010209)                259114.92
4025753.14        5.17596  (20010209)
        259136.30   4025743.75        4.40982  (20010209)                259157.68
4025734.36        3.69470  (20010209)
        259179.06   4025724.97        3.45497  (21120809)                259200.44
4025715.58        3.32796  (21120809)
        259221.82   4025706.19        3.15680  (21120809)                259243.21
4025696.80        2.95830  (21120809)
        259264.59   4025687.41        2.73655  (21120809)                259285.97
4025678.02        2.77777  (20010210)
        259307.35   4025668.63        2.86868  (20010210)                259328.73
4025659.24        2.89824  (20010210)
        259350.11   4025649.85        2.91724  (22011111)                259371.50
4025640.46        3.16938  (22011111)
        259392.88   4025631.07        3.41900  (22011111)                259414.26
4025621.68        3.65971  (22011111)
        259435.64   4025612.29        3.89162  (22011111)                259457.02
4025602.90        4.08309  (22011111)
        259478.40   4025593.51        4.23668  (22011111)                259499.79
4025584.12        4.36418  (22011111)
        259521.17   4025574.73        4.43013  (22011111)                259542.55
4025565.34        4.44529  (22011111)
        259563.93   4025555.95        4.41009  (22011111)                259585.31
4025546.55        4.30695  (22011111)
        259606.69   4025537.16        4.17876  (22011111)                259628.08
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4025527.77        4.01875  (22011111)
        259649.46   4025518.38        3.81919  (22011111)                259670.84
4025508.99        3.58149  (22011111)
        259692.22   4025499.60        3.65332  (22020909)                259713.60
4025490.21        3.84027  (22020909)
        259734.98   4025480.82        4.02274  (22020909)                259756.37
4025471.43        4.16909  (22020909)
        259777.75   4025462.04        4.28693  (22020909)                259799.13
4025452.65        4.52453  (20122409)
        259820.51   4025443.26        4.90718  (20122409)                259841.89
4025433.87        5.28814  (20122409)
        259863.27   4025424.48        5.66388  (20122409)                259884.66
4025415.09        6.02802  (20122409)
        259906.04   4025405.70        6.37630  (20122409)                258461.35
4026921.50       22.20020  (20121509)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 566
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3A  ***
                                  INCLUDING SOURCE(S):     PHASE3A     ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        258461.75   4026944.86       21.49956  (20121509)                258462.14
4026968.23       20.14678  (20121509)
        258462.54   4026991.59       18.27985  (20121509)                258462.94
4027014.95       15.94441  (20121509)
        258463.34   4027038.31       13.45458  (20121509)                258463.74
4027061.67       10.99528  (20121509)
        259934.28   4026786.78       16.20595  (20122409)                259843.61
4026789.17       18.91733  (20122409)
        259775.62   4026790.96       18.76999  (20122409)                259910.29
4026737.40       16.55873  (20122409)
        259796.97   4026740.38       18.17870  (20122409)                259774.30
4026740.98       17.38222  (20122409)
        259751.64   4026741.57       16.14191  (20122409)                259930.33
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4026636.84       15.25311  (20122409)
        259794.33   4026640.42       15.89500  (20122409)                259771.67
4026641.01       14.87434  (20122409)
        259749.00   4026641.61       13.68107  (20122409)                259950.36
4026536.27       14.11537  (20122409)
        259927.70   4026536.87       14.61683  (20122409)                259791.70
4026540.45       13.92146  (20122409)
        259769.04   4026541.05       12.92149  (20122409)                259746.37
4026541.64       11.80675  (20122409)
        259947.73   4026436.31       13.59789  (20122409)                259925.07
4026436.90       13.94774  (20122409)
        259789.07   4026440.48       12.00962  (20122409)                259766.41
4026441.08       11.10143  (20122409)
        259743.74   4026441.68       10.19085  (20122409)                259945.10
4026336.34       12.86115  (20122409)
        259922.43   4026336.94       13.12103  (20122409)                259786.44
4026340.52       10.63947  (20122409)
        259763.77   4026341.12        9.79951  (20122409)                259741.11
4026341.71        8.97166  (20122409)
        259939.84   4026136.41       11.60807  (20122409)                259917.17
4026137.01       11.51415  (20122409)
        259894.50   4026137.61       11.23161  (20122409)                259871.84
4026138.20       10.87689  (20122409)
        259849.17   4026138.80       10.40258  (20122409)                259826.51
4026139.40        9.81407  (20122409)
        259803.84   4026139.99        9.13808  (20122409)                259781.18
4026140.59        8.38215  (20122409)
        259758.51   4026141.19        7.63959  (20122409)                259735.85
4026141.78        6.97472  (20122409)
        259934.57   4025936.48       10.08329  (20122409)                259911.91
4025937.08        9.81271  (20122409)
        259889.24   4025937.67        9.45378  (20122409)                259866.58
4025938.27        8.98710  (20122409)
        259843.91   4025938.87        8.45452  (20122409)                259821.24
4025939.46        7.87323  (20122409)
        259798.58   4025940.06        7.26410  (20122409)                259775.91
4025940.66        6.67766  (20122409)
        259753.25   4025941.25        6.10347  (20122409)                259730.58
4025941.85        5.54684  (20122409)
        259929.31   4025736.55        8.72276  (20122409)                259906.64
4025737.15        8.35840  (20122409)
        259883.98   4025737.74        7.92664  (20122409)                259861.31
4025738.34        7.44767  (20122409)
        259838.65   4025738.94        6.92836  (20122409)                259815.98
4025739.53        6.40530  (20122409)
        259793.32   4025740.13        5.88349  (20122409)                259770.65
4025740.73        5.36101  (20122409)
        259747.99   4025741.32        4.84550  (20122409)                259725.32
4025741.92        4.35125  (20122409)
        259924.05   4025536.62        7.39628  (20122409)                259901.38
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        259878.72   4025537.81        6.55127  (20122409)                259856.05
4025538.41        6.09229  (20122409)
        259833.38   4025539.01        5.64079  (20122409)                259810.72
4025539.60        5.18109  (20122409)
        259788.05   4025540.20        4.71683  (20122409)                259765.39
4025540.80        4.31520  (22020909)
        259742.72   4025541.39        4.16961  (22020909)                259720.06
4025541.99        3.97474  (22020909)
        260259.41   4027030.57       33.43096  (19121116)                260258.91
4027007.71       33.42404  (19121116)
        260258.41   4026984.85       33.08120  (19121116)                260257.92
4026961.98       32.52533  (19121116)
        260257.42   4026939.12       31.69233  (19121116)                260256.92
4026916.26       30.84610  (19121116)
        260256.42   4026893.39       29.98576  (19121116)                260359.39
4027028.40       23.80759  (22010709)
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 567
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3A  ***
                                  INCLUDING SOURCE(S):     PHASE3A     ,

                                           *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        260358.89   4027005.53       23.30990  (22010709)                260358.39
4026982.67       24.34492  (19121116)
        260357.89   4026959.81       25.63947  (19121116)                260357.39
4026936.94       26.63441  (19121116)
        260356.90   4026914.08       27.33059  (19121116)                260356.40
4026891.22       27.74055  (19121116)
        260459.36   4027026.22       17.74488  (22010709)                260458.87
4027003.35       18.90403  (22010709)
        260458.37   4026980.49       19.80618  (22010709)                260457.87
4026957.63       20.40029  (22010709)
        260457.37   4026934.76       20.51144  (22010709)                260456.87
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4026911.90       20.32177  (22010709)
        260456.37   4026889.04       19.95044  (22010709)                260659.32
4027021.86       14.14199  (21122009)
        260658.82   4026998.99       14.97858  (21122009)                260658.32
4026976.13       15.42341  (21122009)
        260657.82   4026953.27       15.48209  (21122009)                260657.32
4026930.40       15.16233  (21122009)
        260656.82   4026907.54       14.62545  (21122009)                260656.33
4026884.68       13.90235  (21122009)
        260859.27   4027017.50       10.18886  (22120209)                260858.77
4026994.64        9.67515  (22120209)
        260858.27   4026971.77        9.16330  (22120209)                260857.77
4026948.91        8.53451  (22120209)
        260857.28   4026926.05        9.11055  (21122009)                260856.78
4026903.18       10.21725  (21122009)
        260856.28   4026880.32       11.15747  (21122009)                261059.22
4027013.14       10.61582  (22120209)
        261058.72   4026990.28       10.51701  (22120209)                261058.22
4026967.42       10.32375  (22120209)
        261057.73   4026944.55        9.84250  (22120209)                261057.23
4026921.69        9.30993  (22120209)
        261056.73   4026898.83        8.82708  (22120209)                261056.23
4026875.96        8.47284  (22120209)
        261259.17   4027008.78        9.39094  (22120209)                261258.68
4026985.92        9.70125  (22120209)
        261258.18   4026963.06        9.91145  (22120209)                261257.68
4026940.19       10.02706  (22120209)
        261257.18   4026917.33        9.97831  (22120209)                261256.68
4026894.47        9.84321  (22120209)
        261256.18   4026871.60        9.64558  (22120209)                259796.13
4026879.73       21.59656  (20122409)
        259754.95   4026854.32       19.69306  (20122409)                259754.15
4026829.33       18.82645  (20122409)
        259782.14   4026815.29       19.67091  (20122409)                259810.93
4026826.23       20.18710  (20122409)
        259798.03   4026771.96       18.91372  (20122409)                259766.16
4026710.47       16.23127  (20122409)
        259713.18   4026705.57       12.77570  (20122409)                259863.07
4026697.95       17.36057  (20122409)
        259730.08   4026655.01       12.84852  (20122409)                259763.58
4026610.76       13.86572  (20122409)
        259879.85   4026654.96       16.55629  (20122409)                259977.30
4026719.03       14.66294  (20122409)
        259998.89   4026767.78       15.96660  (19120316)                259760.72
4026510.93       12.02098  (20122409)
        259828.46   4026536.69       14.99911  (20122409)                259879.27
4026556.01       15.51781  (20122409)
        259913.14   4026568.88       15.14890  (20122409)                259757.73
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        259877.69   4026456.67       14.38032  (20122409)                259911.97
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4026469.70   14.36568 (20122409)
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        260107.90   4026558.14   13.41298 (19120316)   260137.61
4026625.19   14.23865 (19121116)
        260182.16   4026725.77   19.75839 (19121116)   260197.01
4026759.29   21.76177 (19121116)
        260211.87   4026792.82   23.98419 (19121116)   260226.72
4026826.34   26.12368 (19121116)
        260241.57   4026859.87   28.19618 (19121116)   259754.68
4026311.16   9.15063 (20122409)
        259875.60   4026357.14   13.06742 (20122409)   259910.15
4026370.27   13.42368 (20122409)
        260031.07   4026416.25   11.44631 (20122409)   260065.62
4026429.38   10.27325 (19120316)
        260100.17   4026442.52   11.46665 (19120316)   260134.71
4026455.65   12.28938 (19120316)
        260199.20   4026536.38   12.99180 (19121116)   260214.18
4026570.17   14.72722 (19121116)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A ***
                                 INCLUDING SOURCE(S):   PHASE3A   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        260229.15   4026603.97   16.69098 (19121116)   260244.12
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        260259.09   4026671.55   20.43584 (19121116)   260274.06
4026705.35   22.27897 (19121116)
        260289.03   4026739.14   24.01383 (19121116)   260304.00
4026772.94   25.62652 (19121116)
        260318.97   4026806.73   27.26792 (19121116)   260333.94
4026840.52   28.17187 (19121116)
        259751.01   4026211.03   8.06015 (20122409)   259784.60

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        259868.57   4026255.73       12.07568  (20122409)                259902.16
4026268.50       12.58043  (20122409)
        260036.52   4026319.58       10.90621  (20122409)                260070.11
4026332.35        9.85050  (20122409)
        260103.69   4026345.12        9.84885  (19120316)                260137.28
4026357.90       10.89168  (19120316)
        260170.87   4026370.67       11.52486  (19120316)                260221.26
4026389.82       11.83542  (19120316)
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4026461.92       12.83408  (19121116)
        260281.71   4026494.77       14.48793  (19121116)                260296.27
4026527.63       16.16154  (19121116)
        260310.82   4026560.48       17.80436  (19121116)                260325.38
4026593.34       19.37074  (19121116)
        260339.93   4026626.19       21.02492  (19121116)                260354.49
4026659.05       22.53416  (19121116)
        260369.04   4026691.90       24.06322  (19121116)                260383.60
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        260398.15   4026757.62       26.07891  (19121116)                260412.71
4026790.47       25.91416  (19121116)
        260427.26   4026823.33       24.57057  (19121116)                260441.82
4026856.18       21.90252  (19121116)
        259715.72   4026205.24        6.94815  (20122409)                259744.88
4026011.23        6.34057  (20122409)
        259778.98   4026024.19        7.33789  (20122409)                259864.21
4026056.60        9.79710  (20122409)
        259898.31   4026069.56       10.54079  (20122409)                259932.40
4026082.52       11.02771  (20122409)
        259966.50   4026095.49       11.18181  (20122409)                260000.59
4026108.45       11.00480  (20122409)
        260034.68   4026121.41       10.55328  (20122409)                260068.78
4026134.38        9.86343  (20122409)
        260102.87   4026147.34        8.85546  (20122409)                260136.97
4026160.30        7.96594  (19120316)
        260171.06   4026173.26        8.97556  (19120316)                260222.20
4026192.71       10.15718  (19120316)
        260341.53   4026238.08       10.45169  (19120316)                260383.01
4026267.72       10.69614  (19121116)
        260397.79   4026301.06       12.18741  (19121116)                260412.56
4026334.41       13.56711  (19121116)
        260427.33   4026367.76       14.98325  (19121116)                260442.11
4026401.11       16.44933  (19121116)
        260456.88   4026434.46       17.88633  (19121116)                260471.65
4026467.81       19.32194  (19121116)
        260486.43   4026501.16       20.64973  (19121116)                260501.20
4026534.51       21.59200  (19121116)
        260515.98   4026567.86       22.06035  (19121116)                260530.75
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        260545.52   4026634.56       20.83477  (19121116)                260560.30
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4026667.91       19.35585  (19121116)
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4026734.61       17.00797  (22010709)
        260604.62   4026767.96       17.18991  (22010709)                260619.39
4026801.30       16.44817  (22010709)
        260634.17   4026834.65       14.88591  (22010709)                259709.35
4026005.34        5.41035  (20122409)
        259738.67   4025811.39        4.97185  (20122409)                259773.09
4025824.48        5.85528  (20122409)
        259859.15   4025857.20        8.20022  (20122409)                259893.58
4025870.29        9.02334  (20122409)
        259928.00   4025883.38        9.63048  (20122409)                259962.42
4025896.47       10.02472  (20122409)
        259996.85   4025909.55       10.18120  (20122409)                260031.27
4025922.64       10.03440  (20122409)
        260065.69   4025935.73        9.57375  (20122409)                260100.12
4025948.82        8.89876  (20122409)
        260134.54   4025961.91        7.96310  (20122409)                260168.96
4025974.99        6.84220  (20122409)
        260341.08   4026040.43        9.77514  (19120316)                260375.50
4026053.52        9.83110  (19120316)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 569
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3A  ***
                                  INCLUDING SOURCE(S):     PHASE3A     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        260409.93   4026066.61        9.56851  (19120316)                260444.35
4026079.70        8.97914  (19120316)
        260478.78   4026092.79        8.86974  (19121116)                260520.66
4026122.71       10.95266  (19121116)
        260535.57   4026156.38       12.16528  (19121116)                260550.49
4026190.05       13.37843  (19121116)
        260565.41   4026223.72       14.79254  (19121116)                260580.32
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4026257.40       16.12132  (19121116)
        260595.24   4026291.07       17.14320  (19121116)                260610.16
4026324.74       18.10299  (19121116)
        260625.07   4026358.41       18.93857  (19121116)                260639.99
4026392.08       19.18310  (19121116)
        260654.91   4026425.75       18.90822  (19121116)                260669.82
4026459.43       18.29655  (19121116)
        260684.74   4026493.10       17.00255  (19121116)                260699.66
4026526.77       14.97763  (19121116)
        260714.57   4026560.44       14.40336  (22010709)                260729.49
4026594.11       14.94767  (22010709)
        260744.40   4026627.78       14.93368  (22010709)                260759.32
4026661.45       14.27197  (22010709)
        260774.24   4026695.13       12.69679  (22010709)                260789.15
4026728.80       10.96235  (22122309)
        260804.07   4026762.47       11.95000  (21122009)                260818.99
4026796.14       12.79897  (21122009)
        260833.90   4026829.81       12.87925  (21122009)                259702.97
4025805.44        4.16304  (20122409)
        259732.09   4025611.42        4.13797  (22020909)                259766.12
4025624.36        4.65442  (20122409)
        259851.18   4025656.70        6.66658  (20122409)                259885.21
4025669.63        7.48885  (20122409)
        259919.23   4025682.57        8.23936  (20122409)                259953.26
4025695.51        8.76963  (20122409)
        259987.28   4025708.44        9.11879  (20122409)                260021.31
4025721.38        9.27964  (20122409)
        260055.33   4025734.32        9.19131  (20122409)                260089.36
4025747.25        8.83834  (20122409)
        260123.38   4025760.19        8.24064  (20122409)                260157.41
4025773.13        7.42386  (20122409)
        260208.45   4025792.53        5.95600  (20122409)                260344.55
4025844.28        8.24145  (19120316)
        260378.57   4025857.22        8.73232  (19120316)                260412.60
4025870.15        8.98931  (19120316)
        260446.62   4025883.09        8.99989  (19120316)                260480.65
4025896.02        8.74406  (19120316)
        260514.67   4025908.96        8.20674  (19120316)                260548.70
4025921.90        7.41324  (19120316)
        260582.72   4025934.83        7.97773  (19121116)                260616.75
4025947.77        9.21995  (19121116)
        260658.15   4025977.35       10.99270  (19121116)                260672.89
4026010.63       12.14159  (19121116)
        260687.63   4026043.91       13.29956  (19121116)                260702.38
4026077.19       14.36227  (19121116)
        260717.12   4026110.48       15.32364  (19121116)                260731.86
4026143.76       16.13616  (19121116)
        260746.61   4026177.04       16.79909  (19121116)                260761.35
4026210.32       17.15390  (19121116)
        260776.10   4026243.60       17.04205  (19121116)                260790.84
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4026276.89       16.39255  (19121116)
        260805.58   4026310.17       15.26242  (19121116)                260820.33
4026343.45       13.74841  (19121116)
        260835.07   4026376.73       12.03679  (22010709)                260849.82
4026410.01       12.74738  (22010709)
        260864.56   4026443.30       13.15406  (22010709)                260879.30
4026476.58       13.17663  (22010709)
        260894.05   4026509.86       12.70948  (22010709)                260908.79
4026543.14       11.60230  (22010709)
        260923.54   4026576.42       10.29711  (22122309)                260938.28
4026609.71        9.82629  (21122009)
        260953.02   4026642.99       10.60401  (21122009)                260967.77
4026676.27       11.14105  (21122009)
        260982.51   4026709.55       11.35478  (21122009)                260997.26
4026742.83       10.78115  (21122009)
        261012.00   4026776.12        9.46140  (21122009)                261026.74
4026809.40        7.62195  (21122009)
        261041.49   4026842.68        7.71450  (22120209)                259696.59
4025605.54        3.79184  (22020909)
        259725.84   4025411.57        3.89490  (22020909)                259760.11
4025424.60        4.15513  (22020909)
        259845.80   4025457.18        5.47300  (20122409)                259880.07
4025470.21        6.21452  (20122409)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 570
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3A  ***
                                 INCLUDING SOURCE(S):     PHASE3A     ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        259914.35   4025483.24        6.93291  (20122409)                259948.62
4025496.27        7.55674  (20122409)
        259982.90   4025509.30        8.04072  (20122409)                260017.17
4025522.34        8.35337  (20122409)
        260051.45   4025535.37        8.48332  (20122409)                260085.72
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        260119.99   4025561.43        8.06661  (20122409)                260154.27
4025574.46        7.49108  (20122409)
        260205.68   4025594.01        6.30983  (20122409)                260291.37
4025626.59        5.28200  (19120316)
        260342.78   4025646.13        6.31522  (19120316)                260377.05
4025659.16        6.99170  (19120316)
        260411.33   4025672.20        7.55087  (19120316)                260445.60
4025685.23        7.98927  (19120316)
        260479.88   4025698.26        8.23275  (19120316)                260514.15
4025711.29        8.24171  (19120316)
        260548.43   4025724.32        8.00457  (19120316)                260582.70
4025737.35        7.52118  (19120316)
        260616.97   4025750.38        6.79984  (19120316)                260651.25
4025763.42        5.96233  (19121116)
        260685.52   4025776.45        7.11003  (19121116)                260719.80
4025789.48        8.28937  (19121116)
        260754.07   4025802.51        9.46388  (19121116)                260795.77
4025832.30       11.10667  (19121116)
        260810.63   4025865.83       12.13224  (19121116)                260825.48
4025899.36       13.07209  (19121116)
        260840.33   4025932.88       13.90321  (19121116)                260855.18
4025966.41       14.51886  (19121116)
        260870.03   4025999.93       15.02347  (19121116)                260884.89
4026033.46       15.23261  (19121116)
        260899.74   4026066.98       15.15963  (19121116)                260914.59
4026100.51       14.67861  (19121116)
        260929.44   4026134.04       13.79613  (19121116)                260944.29
4026167.56       12.53428  (19121116)
        260959.14   4026201.09       10.93988  (19121116)                260974.00
4026234.61       11.04643  (22010709)
        260988.85   4026268.14       11.60991  (22010709)                261003.70
4026301.67       11.88925  (22010709)
        261018.55   4026335.19       11.74919  (22010709)                261033.40
4026368.72       11.21892  (22010709)
        261048.26   4026402.24       10.25391  (22010709)                261063.11
4026435.77        9.23856  (22122309)
        261077.96   4026469.29        8.50467  (21122009)                261092.81
4026502.82        9.21499  (21122009)
        261107.66   4026536.35        9.83232  (21122009)                261122.52
4026569.87       10.16291  (21122009)
        261137.37   4026603.40       10.00624  (21122009)                261152.22
4026636.92        9.28594  (21122009)
        261167.07   4026670.45        8.05294  (21122009)                261181.92
4026703.97        6.48044  (21122009)
        261196.78   4026737.50        6.66656  (22120209)                261211.63
4026771.03        7.60788  (22120209)
        261226.48   4026804.55        8.39425  (22120209)                261241.33
4026838.08        9.09295  (22120209)
        259690.21   4025405.64        3.57387  (22020909)                259694.18
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        259644.51   4026882.10       11.74735  (20122409)                259619.68
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        259643.97   4026857.11       11.37694  (20122409)                259619.13
4026857.65       10.48502  (20122409)
        259569.47   4026858.74       13.39092  (20010209)                259544.63
4026859.28       15.43882  (20010209)
        259519.80   4026859.82       17.44451  (20010209)                259470.13
4026860.91       21.50395  (20010209)
        259445.30   4026861.45       23.33066  (20010209)                259643.42
4026832.12       10.99960  (20122409)
        259618.59   4026832.66       10.15550  (20122409)                259544.09
4026834.29       14.22202  (20010209)
        259519.25   4026834.83       16.21005  (20010209)                259444.75
4026836.46       22.04700  (20010209)
        259667.71   4026806.58       11.82114  (20122409)                259642.87
4026807.12       10.54718  (20122409)
        259568.37   4026808.75       11.02572  (20010209)                259543.54
4026809.29       13.06088  (20010209)
        259469.04   4026810.92       18.94761  (20010209)                259444.21
4026811.46       20.78393  (20010209)
        259691.45   4026756.05       12.31207  (20122409)                259666.62
4026756.59       10.96021  (20122409)
        259641.78   4026757.13        9.91956  (20122409)                259592.11
4026758.22        8.71728  (20122409)
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                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3A  ***
                                  INCLUDING SOURCE(S):     PHASE3A     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - -
        259567.28   4026758.76        8.86900  (20010209)                259542.45
4026759.30       10.79443  (20010209)
        259492.78   4026760.39       14.61261  (20010209)                259467.95
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4026760.93 16.48622 (20010209)
  259443.11 4026761.48 18.30342 (20010209) 259690.36
4026706.06 11.41746 (20122409)
  259665.52 4026706.60 10.21235 (20122409) 259591.02
4026708.23 8.10091 (20122409)
  259566.19 4026708.77 7.50688 (20122409) 259491.69
4026710.40 12.42025 (20010209)
  259466.85 4026710.95 14.23308 (20010209) 259689.26
4026656.07 10.61839 (20122409)
  259639.60 4026657.16 8.75615 (20122409) 259614.76
4026657.70 8.13880 (20122409)
  259589.93 4026658.24 7.57265 (20122409) 259515.43
4026659.87 8.67039 (20010209)
  259490.59 4026660.41 10.41133 (20010209) 259663.34
4026606.63 8.96290 (20122409)
  259638.50 4026607.17 8.22869 (20122409) 259613.67
4026607.71 7.61637 (20122409)
  259539.17 4026609.34 5.50729 (20010209) 259514.34
4026609.88 7.00496 (20010209)
  259439.84 4026611.51 11.90327 (20010209) 259636.32
4026507.19 7.26129 (20122409)
  259611.49 4026507.74 6.64456 (20122409) 259586.65
4026508.28 5.98402 (20122409)
  259561.82 4026508.82 5.22709 (20122409) 259487.32
4026510.45 5.63622 (20010209)
  259462.48 4026510.99 7.00995 (20010209) 259634.13
4026407.22 6.36988 (20122409)
  259609.30 4026407.76 5.72332 (20122409) 259584.47
4026408.30 5.10852 (22011111)
  259559.63 4026408.85 4.95332 (22011111) 259534.80
4026409.39 4.70707 (22011111)
  259435.47 4026411.56 5.73385 (20010209) 259631.95
4026307.24 5.53398 (20122409)
  259607.12 4026307.78 5.08316 (22011111) 259582.28
4026308.33 5.04971 (22011111)
  259557.45 4026308.87 4.91816 (22011111) 259532.61
4026309.41 4.67066 (22011111)
  259507.78 4026309.96 4.36918 (22011111) 259482.95
4026310.50 4.02331 (22011111)
  259458.11 4026311.04 3.64697 (22011111) 259433.28
4026311.58 3.70672 (20010209)
  259679.43 4026206.18 6.00294 (20122409) 259654.60
4026206.72 5.39017 (20122409)
  259629.76 4026207.27 4.92853 (22011111) 259604.93
4026207.81 5.01739 (22011111)
  259580.10 4026208.35 5.01797 (22011111) 259555.26
4026208.89 4.90687 (22011111)
  259530.43 4026209.44 4.71802 (22011111) 259675.06
4026006.23 4.59012 (20122409)
  259650.23 4026006.77 4.42207 (22011111) 259625.39

4026007.31   4.56292 (22011111)
        259600.56   4026007.86   4.67330 (22011111)   259575.73
4026008.40   4.71850 (22011111)
        259550.89   4026008.94   4.67913 (22011111)   259526.06
4026009.48   4.55554 (22011111)
        259670.69   4025806.28   4.01851 (22011111)   259645.86
4025806.82   4.24869 (22011111)
        259621.02   4025807.36   4.40722 (22011111)   259596.19
4025807.90   4.51482 (22011111)
        259571.36   4025808.45   4.56123 (22011111)   259546.52
4025808.99   4.54703 (22011111)
        259521.69   4025809.53   4.46998 (22011111)   259666.32
4025606.32   3.76578 (22011111)
        259641.49   4025606.87   4.00581 (22011111)   259616.65
4025607.41   4.19688 (22011111)
        259591.82   4025607.95   4.31791 (22011111)   259566.99
4025608.49   4.42013 (22011111)
        259542.15   4025609.04   4.44836 (22011111)   259517.32
4025609.58   4.41027 (22011111)
        259661.95   4025406.37   3.56451 (22011111)   259637.12
4025406.91   3.81601 (22011111)
        259612.29   4025407.46   4.01518 (22011111)   259587.45
4025408.00   4.16132 (22011111)
        259562.62   4025408.54   4.28266 (22011111)   259537.78
4025409.08   4.33672 (22011111)
        259512.95   4025409.63   4.31828 (22011111)   259488.12
4025410.17   4.24413 (22011111)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A ***
                                 INCLUDING SOURCE(S):   PHASE3A   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        259463.28   4025410.71   4.12692 (22011111)   259438.45

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4025411.26        3.96279  (22011111)
        259413.62   4025411.80        3.76924  (22011111)                259422.19
4026953.67       29.53463  (20010209)
        259422.99   4026995.42       30.99750  (20010209)                259396.80
4026933.27       28.70657  (20010209)
        259397.59   4026975.02       29.72728  (20010209)                259398.39
4027016.78       30.25555  (20010209)
        259409.77   4026851.82       24.81780  (20010209)                259317.30
4026860.93       24.09873  (20010209)
        259331.22   4026825.36       24.40968  (20010209)                259355.67
4026799.88       24.11712  (20010209)
        259296.82   4026935.18       21.50960  (20010209)                259297.61
4026976.93       20.43062  (20010209)
        259298.41   4027018.68       19.32725  (20010209)                259354.57
4026749.90       22.42394  (20010209)
        259389.55   4026734.53       20.37666  (20010209)                259217.31
4026862.84       15.99987  (20010209)
        259231.23   4026827.26       17.92729  (20010209)                259245.15
4026791.69       19.62894  (20010209)
        259259.07   4026756.11       20.80832  (20010209)                259283.52
4026730.64       21.71623  (20010209)
        259370.97   4026692.23       19.50065  (20010209)                259405.95
4026676.86       16.83736  (20010209)
        259196.83   4026937.09       12.71158  (20010209)                259197.63
4026978.84       11.78752  (20010209)
        259198.43   4027020.59       14.95606  (22122116)                259169.22
4026858.94       12.39806  (20010209)
        259184.41   4026820.13       14.38752  (20010209)                259199.59
4026781.32       16.39709  (20010209)
        259214.78   4026742.51       18.18691  (20010209)                259249.04
4026695.31       20.36319  (20010209)
        259287.20   4026678.55       21.05204  (20010209)                259325.36
4026661.79       20.15423  (20010209)
        259401.68   4026628.27       15.05158  (20010209)                259146.84
4026938.04        8.90851  (22122116)
        259147.64   4026979.79       14.39008  (22122116)                259148.44
4027021.55       21.27884  (22122116)
        259213.78   4026609.86       18.87803  (20010209)                259251.10
4026593.47       19.28853  (20010209)
        259288.41   4026577.09       18.46285  (20010209)                259325.72
4026560.70       16.62576  (20010209)
        259363.03   4026544.31       14.06203  (20010209)                258968.46
4026864.80       15.23921  (22122116)
        258983.11   4026827.35        9.77864  (22122116)                258997.76
4026789.90        5.59667  (22021109)
        259012.42   4026752.45        5.25729  (18121209)                259027.07
4026715.00        6.08880  (20010209)
        259041.72   4026677.55        7.86648  (20010209)                259056.37
4026640.10        9.62097  (20010209)
        259071.02   4026602.65       11.32558  (20010209)                259104.09
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4026557.11   14.13253 (20010209)
        259140.91   4026540.94   16.19820 (20010209)   259177.73
4026524.76   17.55497 (20010209)
        259251.37   4026492.42   17.08443 (20010209)   259288.19
4026476.25   15.73535 (20010209)
        259325.01   4026460.08   13.29125 (20010209)   259361.83
4026443.90   10.62854 (20010209)
        259398.65   4026427.73   8.08927 (20010209)   258946.88
4026941.86   25.84414 (22122116)
        258947.68   4026983.61   28.77685 (22122116)   258948.47
4027025.36   29.63451 (22122116)
        259070.77   4026470.81   13.58701 (20010209)   259108.93
4026454.05   15.39017 (20010209)
        259147.09   4026437.29   16.45586 (20010209)   259185.25
4026420.53   16.54025 (20010209)
        259223.41   4026403.76   15.54548 (20010209)   259299.72
4026370.24   11.55862 (20010209)
        259337.88   4026353.48   9.13556 (20010209)   259376.04
4026336.72   6.75744 (20010209)
        258754.01   4026905.64   22.73579 (22122116)   258769.00
4026867.32   23.56336 (22122116)
        258783.99   4026829.01   21.95690 (22122116)   258798.98
4026790.69   18.48172 (22122116)
        258813.97   4026752.38   13.91091 (22122116)   258828.96
4026714.06   9.38601 (22122116)
        258843.95   4026675.75   5.73346 (22122116)   258858.94
4026637.43   5.01833 (18121209)
        258873.93   4026599.12   4.91847 (18121209)   258888.92
4026560.80   4.54704 (18121209)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A ***
                                 INCLUDING SOURCE(S):   PHASE3A   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
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- - - -
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4026684.24       16.32545  (22122116)
        258458.63   4026646.06       17.44380  (22122116)                258473.56
4026607.88       16.99129  (22122116)
        258488.50   4026569.70       15.11275  (22122116)                258503.44
4026531.52       12.34506  (22122116)
        258518.38   4026493.34        9.24836  (22122116)                258533.31
4026455.15        6.38274  (22122116)
        258548.25   4026416.97        5.31281  (22021109)                258563.19
4026378.79        4.93797  (22021109)
        258578.13   4026340.61        4.45020  (18121209)                258593.07
4026302.43        4.40839  (18121209)
        258608.00   4026264.25        4.15244  (18121209)                258622.94
4026226.07        3.80328  (18121209)
        258637.88   4026187.88        3.41475  (18120709)                258671.59
4026141.46        4.83108  (18120709)
        258709.13   4026124.97        5.78279  (18120709)                258746.66
4026108.48        6.49302  (18120709)
        258821.74   4026075.51        8.08744  (20010209)                258859.28
4026059.02        9.63480  (20010209)
        258896.82   4026042.53       10.92844  (20010209)                258934.36
4026026.04       11.78199  (20010209)
        258971.90   4026009.56       12.10871  (20010209)                259009.43
4025993.07       11.86402  (20010209)
        258346.99   4026953.30       14.88761  (20121509)                258347.79
4026995.05       11.06451  (20121509)
        258348.58   4027036.81        7.49690  (18112609)                258154.17
4026916.97        8.36876  (20121509)
        258169.25   4026878.43       11.90075  (20121509)                258184.33
4026839.88       15.11968  (20121509)
        258199.40   4026801.34       17.25139  (20121509)                258214.48
4026762.80       17.79446  (20121509)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 574
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3A  ***
                                 INCLUDING SOURCE(S):     PHASE3A     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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4026338.46       12.06587  (22122116)
        258197.21   4026299.65       10.19693  (22122116)                258212.40
4026260.83        7.99751  (22122116)
        258227.58   4026222.02        5.85308  (22122116)                258242.77
4026183.21        4.88611  (22021109)
        258257.95   4026144.40        4.85855  (22021109)                258273.14
4026105.58        4.62106  (22021109)
        258288.32   4026066.77        4.14893  (22021109)                258303.51
4026027.96        3.91815  (18121209)
        258318.69   4025989.14        3.88016  (18121209)                258333.88
4025950.33        3.70482  (18121209)
        258349.06   4025911.52        3.41048  (18121209)                258383.33
4025864.33        2.86529  (18121209)
        258421.49   4025847.57        3.33278  (18120709)                258459.64
4025830.81        4.33907  (18120709)
        258497.80   4025814.05        5.25315  (18120709)                258535.96
4025797.28        5.95731  (18120709)
        258574.12   4025780.52        6.34967  (18120709)                258612.28
4025763.76        6.31183  (18120709)
        258650.44   4025747.00        6.45257  (20010209)                258688.60
4025730.24        7.67867  (20010209)
        258726.76   4025713.48        8.74183  (20010209)                258764.92
4025696.72        9.48990  (20010209)
        258803.07   4025679.96        9.86581  (20010209)                258841.23
4025663.20        9.82248  (20010209)
        258879.39   4025646.44        9.35224  (20010209)                258917.55
4025629.68        8.51576  (20010209)
        258955.71   4025612.92        7.43744  (20010209)                258993.87
4025596.16        6.21311  (20010209)
        259032.03   4025579.40        4.95807  (20010209)                259070.19
4025562.64        3.77450  (20010209)
        259108.35   4025545.88        3.37227  (21120809)                259146.50
4025529.12        3.21558  (21120809)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 575
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3A  ***
                                 INCLUDING SOURCE(S):     PHASE3A     ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **
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      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        259184.66   4025512.36        2.90578  (21120809)               259222.82
4025495.60        2.54284  (20010210)
        259260.98   4025478.84        2.71828  (20010210)               259299.14
4025462.08        2.78698  (20010210)
        259337.30   4025445.32        2.95652  (22011111)               259375.46
4025428.56        3.38469  (22011111)
        257947.06   4026960.93        5.62024  (18112609)               257947.86
4027002.69        6.20918  (22121309)
        257948.65   4027044.44        7.62388  (22121309)               259440.80
4026786.83       19.73328  (20010209)
        259379.45   4026788.79       23.21197  (20010209)               259436.01
4026636.90       13.17674  (20010209)
        259432.81   4026536.95        9.60360  (20010209)               259426.43
4026337.06        4.46257  (20010209)
        259420.04   4026137.16        3.35796  (22011111)               259379.14
4026138.47        3.06922  (21120809)
        259413.66   4025937.26        3.41425  (22011111)               259372.76
4025938.57        2.98721  (20010210)
        259407.27   4025737.36        3.48297  (22011111)               259366.37
4025738.67        2.99626  (22011111)
        259400.88   4025537.46        3.56873  (22011111)               259359.98
4025538.77        3.11554  (22011111)
        259359.62   4026838.10       25.23575  (20010209)               259400.71
4026338.79        5.63269  (20010209)
        259330.90   4027040.02       22.25436  (20010209)               259334.08
4027080.58       21.53580  (20010209)
        259338.10   4026995.92       24.33678  (20010209)               259305.97
4027041.98       19.50959  (20010209)
        259309.16   4027082.54       18.96182  (20010209)               259338.57
4026970.92       24.93558  (20010209)
        259282.64   4027064.21       17.04793  (20010209)               259285.83
4027104.77       19.90755  (22122116)
        259320.38   4026953.78       23.38912  (20010209)               259259.31
4027086.45       19.72912  (22122116)
        259219.74   4027011.60       12.88786  (20010209)               259233.19
4026973.40       14.72670  (20010209)
        259206.28   4027049.81       19.14705  (22122116)               259209.47
4027090.37       26.68557  (22122116)
        259176.62   4026996.42       13.74904  (22122116)               259156.43
4027053.73       26.09638  (22122116)
        259159.62   4027094.29       32.37591  (22122116)               259113.32
4027038.54       27.63435  (22122116)
        259126.77   4027000.33       20.00342  (22122116)               259192.54
4026858.76       14.15370  (20010209)
        259267.22   4026827.36       20.79320  (20010209)               259108.18
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4027077.92       32.97836  (22122116)
        259111.37   4027118.48       35.67838  (22122116)                259090.38
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        259103.84   4026927.84       11.44130  (22122116)                259117.29
4026889.63        7.67309  (20010209)
        259130.75   4026851.43        9.72048  (20010209)                259156.15
4026824.47       12.24733  (20010209)
        259212.16   4026800.92       16.94619  (20010209)                259268.17
4026777.37       21.28206  (20010209)
        259058.33   4027081.84       33.72663  (22122116)                259061.52
4027122.40       34.14526  (22122116)
        258963.78   4027050.29       29.79367  (22122116)                258977.23
4027012.08       30.16594  (22122116)
        258990.69   4026973.88       27.14705  (22122116)                259004.15
4026935.67       21.65429  (22122116)
        259031.06   4026859.26        9.50047  (22122116)                259044.51
4026821.05        5.51390  (18121209)
        259057.97   4026782.85        6.29637  (20010209)                259083.37
4026755.89        8.66940  (20010209)
        259176.72   4026716.64       15.97811  (20010209)                259214.06
4026700.94       18.60958  (20010209)
        258958.64   4027089.67       29.37407  (20121509)                258961.83
4027130.23       36.92529  (20121509)
        258884.27   4027000.81       26.91502  (22122116)                258897.72
4026962.61       27.73058  (22122116)
        258911.18   4026924.40       25.62865  (22122116)                258924.64
4026886.19       21.18431  (22122116)
        258938.09   4026847.99       15.66886  (22122116)                258951.55
4026809.78       10.33321  (22122116)
        258965.01   4026771.58        6.11838  (22122116)                258978.46
4026733.37        5.29085  (18121209)
        259010.59   4026687.32        5.78650  (20010209)                259066.60
4026663.76        9.74707  (20010209)
        259103.94   4026648.06       12.48775  (20010209)                259141.27
4026632.36       15.13547  (20010209)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 576
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3A  ***
                                 INCLUDING SOURCE(S):     PHASE3A     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
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                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        258857.36   4027077.22       32.75122  (20121509)               258860.54
4027117.78       35.68549  (20121509)
        258764.39   4027065.95       31.42840  (20121509)               258777.85
4027027.75       28.95993  (20121509)
        258791.30   4026989.54       23.26257  (20121509)               258804.76
4026951.34       23.94591  (22122116)
        258818.22   4026913.13       25.38373  (22122116)               258831.67
4026874.92       23.93021  (22122116)
        258845.13   4026836.72       20.51306  (22122116)               258858.59
4026798.51       15.77660  (22122116)
        258872.04   4026760.31       10.89442  (22122116)               258885.50
4026722.10        6.80724  (22122116)
        258898.95   4026683.90        5.30234  (22021109)               258912.41
4026645.69        5.08155  (18121209)
        258937.81   4026618.74        4.70669  (18121209)               259012.49
4026587.33        8.15581  (20010209)
        259049.83   4026571.63       10.68021  (20010209)               258759.26
4027105.34       29.71170  (20121509)
        258762.44   4027145.90       25.06943  (20121509)               258684.88
4027016.48       28.33347  (20121509)
        258698.34   4026978.27       25.89766  (20121509)               258711.80
4026940.07       20.70878  (20121509)
        258725.25   4026901.86       21.13055  (22122116)               258738.71
4026863.65       22.85268  (22122116)
        258752.16   4026825.45       22.23025  (22122116)               258765.62
4026787.24       19.58004  (22122116)
        258779.08   4026749.04       15.69649  (22122116)               258792.53
4026710.83       11.34461  (22122116)
        258805.99   4026672.63        7.45395  (22122116)               258819.45
4026634.42        5.45944  (22021109)
        258832.90   4026596.21        5.00717  (18121209)               258865.03
4026550.16        4.64702  (18121209)
        258939.71   4026518.75        5.79047  (18120709)               258977.05
4026503.05        7.94128  (20010209)
        258657.97   4027092.89       22.13113  (20121509)               258661.16
4027133.45       16.64847  (20121509)
        258465.31   4027089.45        8.31632  (20121509)               258485.50
4027032.14       15.61903  (20121509)
        258498.95   4026993.94       20.30548  (20121509)               258512.41
4026955.73       23.12488  (20121509)
        258525.87   4026917.52       23.30041  (20121509)               258539.32
4026879.32       20.73317  (20121509)
        258552.78   4026841.11       16.48752  (20121509)               258566.24
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        258579.69   4026764.70       18.99986  (22122116)                258593.15
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        258606.60   4026688.29       18.21479  (22122116)                258620.06
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        258633.52   4026611.88       12.01358  (22122116)                258646.97
4026573.67        8.58317  (22122116)
        258660.43   4026535.47        5.61081  (22122116)                258673.89
4026497.26        5.22271  (22021109)
        258687.34   4026459.06        4.64166  (18121209)                258719.47
4026413.00        4.51119  (18121209)
        258775.48   4026389.45        3.95237  (18121209)                258812.82
4026373.75        4.84346  (18120709)
        258850.15   4026358.04        5.94269  (18120709)                258924.83
4026326.64        8.65556  (20010209)
        258962.17   4026310.94       10.65394  (20010209)                258999.51
4026295.24       12.42617  (20010209)
        259036.85   4026279.54       13.75969  (20010209)                259074.19
4026263.84       14.45633  (20010209)
        259167.54   4026224.58       12.93680  (20010209)                259204.87
4026208.88       11.27924  (20010209)
        259242.21   4026193.18        9.33307  (20010209)                259279.55
4026177.48        7.30331  (20010209)
        259316.89   4026161.77        5.39288  (20010209)                259354.23
4026146.07        3.73574  (20010209)
        258460.18   4027128.83        7.18185  (18112609)                258463.36
4027169.39        8.54715  (22121309)
        258265.93   4027105.12        7.42906  (22121309)                258279.38
4027066.91        6.55595  (18112609)
        258292.84   4027028.70        7.32152  (18112609)                258306.30
4026990.50        9.35763  (20121509)
        258319.75   4026952.29       13.43402  (20121509)                258339.94
4026894.98       18.72937  (20121509)
        258353.39   4026856.78       20.18268  (20121509)                258366.85
4026818.57       19.50852  (20121509)
        258380.31   4026780.37       17.27029  (20121509)                258393.76
4026742.16       13.76262  (20121509)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 577
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3A  ***
                                  INCLUDING SOURCE(S):     PHASE3A     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
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***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
258407.22	4026703.96	13.66550	(22122116)	258420.67	4026665.75	16.02887	(22122116)
258434.13	4026627.54	17.03604	(22122116)	258447.59	4026589.34	16.56592	(22122116)
258461.04	4026551.13	14.85744	(22122116)	258474.50	4026512.93	12.28216	(22122116)
258487.96	4026474.72	9.36253	(22122116)	258501.41	4026436.52	6.61816	(22122116)
258514.87	4026398.31	5.31079	(22021109)	258528.33	4026360.11	5.04166	(22021109)
258541.78	4026321.90	4.55600	(22021109)	258573.91	4026275.84	4.32232	(18121209)
258629.92	4026252.29	3.95796	(18121209)	258667.25	4026236.59	3.52287	(18121209)
258704.59	4026220.89	4.48160	(18120709)	258779.27	4026189.48	6.23794	(18120709)
258816.61	4026173.78	6.77908	(18120709)	258853.95	4026158.08	8.21965	(20010209)
258891.29	4026142.38	9.92198	(20010209)	258928.63	4026126.68	11.37236	(20010209)
259021.98	4026087.42	12.80566	(20010209)	259059.31	4026071.72	12.32183	(20010209)
259096.65	4026056.02	11.30604	(20010209)	259133.99	4026040.32	9.88417	(20010209)
259171.33	4026024.62	8.21188	(20010209)	259208.67	4026008.92	6.49698	(20010209)
259246.01	4025993.21	4.86535	(20010209)	259283.35	4025977.51	3.44283	(20010209)
259320.69	4025961.81	3.06533	(21120809)	258260.79	4027144.50	9.04956	(22121309)
258263.98	4027185.06	11.84509	(18012309)	258066.54	4027120.78	8.94663	(22121309)
258080.00	4027082.57	8.04082	(22121309)	258093.45	4027044.37	6.49825	(22121309)
258106.91	4027006.16	6.16653	(18112609)	258120.37	4026967.96	6.79032	(18112609)
258133.82	4026929.75	6.73431	(18112609)	258147.28	4026891.55	9.95556	(20121509)
258160.74	4026853.34	13.28743	(20121509)	258174.19	4026815.14	15.96230	(20121509)
258187.65	4026776.93	17.33051	(20121509)	258201.10			

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        258214.56   4026700.52       15.70889  (20121509)                258228.02
4026662.31       13.01025  (20121509)
        258241.47   4026624.11        9.91991  (20121509)                258254.93
4026585.90       12.32291  (22122116)
        258268.39   4026547.70       14.19586  (22122116)                258281.84
4026509.49       14.97571  (22122116)
        258295.30   4026471.28       14.57787  (22122116)                258308.76
4026433.08       13.14529  (22122116)
        258322.21   4026394.87       11.01270  (22122116)                258335.67
4026356.67        8.58986  (22122116)
        258349.12   4026318.46        6.26489  (22122116)                258362.58
4026280.26        5.12873  (22021109)
        258376.04   4026242.05        5.00193  (22021109)                258389.49
4026203.84        4.68532  (22021109)
        258402.95   4026165.64        4.16060  (22021109)                258428.35
4026138.69        4.13971  (18121209)
        258503.02   4026107.28        3.78616  (18121209)                258540.36
4026091.58        3.36970  (18121209)
        258577.70   4026075.88        3.60293  (18120709)                258615.04
4026060.18        4.62180  (18120709)
        258652.38   4026044.48        5.60393  (18120709)                258689.72
4026028.77        6.32941  (18120709)
        258727.06   4026013.07        6.70939  (18120709)                258764.40
4025997.37        7.08292  (20010209)
        258801.74   4025981.67        8.53023  (20010209)                258876.41
4025950.27       10.80620  (20010209)
        258913.75   4025934.56       11.37611  (20010209)                258951.09
4025918.86       11.45818  (20010209)
        258988.43   4025903.16       11.01313  (20010209)                259025.77
4025887.46       10.08959  (20010209)
        259063.11   4025871.76        8.82608  (20010209)                259100.45
4025856.06        7.37177  (20010209)
        259137.79   4025840.35        5.86443  (20010209)                259175.13
4025824.65        4.43070  (20010209)
        259212.47   4025808.95        3.44481  (21120809)                259249.80
4025793.25        3.18012  (21120809)
        259287.14   4025777.55        2.79137  (21120809)                259324.48
4025761.85        2.85330  (20010210)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                PAGE 578
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3A  ***
                                INCLUDING SOURCE(S):     PHASE3A     ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
258061.41	4027160.16	12.79243	(18012309)	258064.59	4027200.72	18.19214	(18012309)
257867.16	4027136.45	13.20094	(18012309)	257880.61	4027098.24	8.83146	(18012309)
257894.07	4027060.03	8.19817	(22121309)	257907.53	4027021.83	7.20213	(22121309)
257920.98	4026983.62	5.71810	(22121309)	258008.45	4026735.29	13.89755	(20121509)
258021.90	4026697.08	15.27591	(20121509)	258035.36	4026658.87	15.42319	(20121509)
258048.82	4026620.67	14.38334	(20121509)	258062.27	4026582.46	12.34945	(20121509)
258075.73	4026544.26	9.79700	(20121509)	258089.19	4026506.05	9.17192	(22122116)
258102.64	4026467.85	11.23731	(22122116)	258116.10	4026429.64	12.68557	(22122116)
258129.55	4026391.44	13.26682	(22122116)	258143.01	4026353.23	12.91202	(22122116)
258156.47	4026315.02	11.71849	(22122116)	258169.92	4026276.82	9.93859	(22122116)
258183.38	4026238.61	7.85837	(22122116)	258196.84	4026200.41	5.86827	(22122116)
258210.29	4026162.20	4.82089	(22021109)	258223.75	4026124.00	4.85083	(22021109)
258237.20	4026085.79	4.65716	(22021109)	258250.66	4026047.58	4.28609	(22021109)
258282.79	4026001.53	3.90687	(18121209)	258338.79	4025977.98	3.80277	(18121209)
258376.13	4025962.27	3.55999	(18121209)	258413.47	4025946.57	3.23625	(18121209)
258450.81	4025930.87	2.85065	(18120709)	258488.15	4025915.17	3.83032	(18120709)
258525.49	4025899.47	4.82854	(18120709)	258562.83	4025883.77	5.69275	(18120709)
258600.17	4025868.06	6.32284	(18120709)	258637.51	4025852.36	6.52879	(18120709)
258674.85	4025836.66	6.30026	(18120709)	258712.18	4025820.96	7.47026	(20010209)
258749.52	4025805.26	8.66399	(20010209)	258786.86			

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4025789.56        9.60588  (20010209)
        258824.20   4025773.85       10.25044  (20010209)                258861.54
4025758.15       10.44131  (20010209)
        258898.88   4025742.45       10.17280  (20010209)                258936.22
4025726.75        9.50693  (20010209)
        258973.56   4025711.05        8.50191  (20010209)                259010.90
4025695.35        7.29052  (20010209)
        259048.24   4025679.64        5.98694  (20010209)                259085.57
4025663.94        4.69266  (20010209)
        259122.91   4025648.24        3.52061  (18020109)                259160.25
4025632.54        3.38143  (21120809)
        259197.59   4025616.84        3.14188  (21120809)                259234.93
4025601.14        2.74155  (21120809)
        259272.27   4025585.44        2.71952  (20010210)                259309.61
4025569.73        2.82511  (20010210)
        257862.02   4027175.83       18.58164  (18012309)                257865.21
4027216.39       23.16694  (18012309)
        259335.94   4027123.45       20.75000  (20010209)                259336.28
4027147.64       22.20305  (22122116)
        259336.62   4027171.84       28.55689  (22122116)                259336.96
4027196.03       34.37138  (22122116)
        259337.30   4027220.23       40.35591  (22122116)                259337.64
4027244.43       45.49616  (22122116)
        259337.98   4027268.62       49.86952  (22122116)                259310.94
4027123.80       20.41664  (22122116)
        259311.28   4027147.99       26.12720  (22122116)                259311.62
4027172.19       32.00784  (22122116)
        259311.96   4027196.39       38.08996  (22122116)                259312.30
4027220.58       43.41431  (22122116)
        259312.64   4027244.78       47.27352  (22122116)                259312.98
4027268.97       50.14347  (22122116)
        259286.29   4027148.35       29.65711  (22122116)                259286.63
4027172.54       35.32255  (22122116)
        259286.97   4027196.74       40.99283  (22122116)                259287.31
4027220.93       45.39730  (22122116)
        259287.65   4027245.13       48.46042  (22122116)                259287.99
4027269.32       49.86529  (22122116)
        259260.95   4027124.50       27.75104  (22122116)                259261.29
4027148.70       32.86652  (22122116)
        259261.63   4027172.89       37.82770  (22122116)                259261.97
4027197.09       42.50136  (22122116)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                PAGE 579
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
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VALUES FOR SOURCE GROUP: PHASE3A ***
                                INCLUDING SOURCE(S):   PHASE3A   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        259262.31   4027221.28   46.16077 (22122116)   259262.65
4027245.48   47.92899 (22122116)
        259262.99   4027269.68   50.67809 (20121509)   259210.95
4027125.20   33.18996 (22122116)
        259211.29   4027149.40   37.12058 (22122116)   259211.63
4027173.59   40.23468 (22122116)
        259211.97   4027197.79   42.80152 (22122116)   259212.31
4027221.99   44.07224 (22122116)
        259212.65   4027246.18   47.96935 (20121509)   259212.99
4027270.38   55.40820 (20121509)
        259160.96   4027125.91   36.09508 (22122116)   259161.30
4027150.10   38.38115 (22122116)
        259161.64   4027174.30   39.87924 (22122116)   259161.98
4027198.49   40.25378 (22122116)
        259162.32   4027222.69   45.13309 (20121509)   259162.66
4027246.88   51.26658 (20121509)
        259163.00   4027271.08   55.92658 (20121509)   259111.30
4027150.80   36.26543 (22122116)
        259111.64   4027175.00   36.15115 (22122116)   259111.98
4027199.20   42.66547 (20121509)
        259112.32   4027223.39   48.09281 (20121509)   259112.66
4027247.59   51.71354 (20121509)
        259113.00   4027271.78   52.57705 (20121509)   259061.31
4027151.51   34.71806 (20121509)
        259061.65   4027175.70   40.41583 (20121509)   259061.99
4027199.90   44.92786 (20121509)
        259062.33   4027224.09   47.61276 (20121509)   259062.67
4027248.29   47.70873 (20121509)
        259063.01   4027272.49   44.67075 (20121509)   258961.32
4027152.91   39.80050 (20121509)
        258961.66   4027177.11   41.01119 (20121509)   258962.00
4027201.30   40.19336 (20121509)
        258962.34   4027225.50   37.10540 (20121509)   258962.68
4027249.69   32.17909 (20121509)
        258963.02   4027273.89   26.03652 (20121509)   258861.33
4027154.32   34.28579 (20121509)
        258861.67   4027178.51   31.26352 (20121509)   258862.01

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4027202.71       27.00168  (20121509)
        258862.35   4027226.90       22.07318  (20121509)                258862.69
4027251.10       16.86252  (20121509)
        258863.03   4027275.30       12.96134  (20011009)                258761.68
4027179.92       19.12396  (20121509)
        258762.02   4027204.11       14.83999  (20121509)                258762.36
4027228.31       10.90773  (20121509)
        258762.70   4027252.50       11.69885  (20011009)                258763.04
4027276.70       14.18620  (20011009)
        258661.35   4027157.13       13.15756  (20121509)                258661.69
4027181.32        9.86308  (20121509)
        258662.03   4027205.52        8.27346  (20011009)                258662.37
4027229.71       10.63097  (20011009)
        258662.71   4027253.91       12.75009  (18012309)                258663.05
4027278.11       18.06600  (18012309)
        258462.05   4027208.33       10.32026  (20011009)                258462.39
4027232.52       13.94299  (18012309)
        258462.73   4027256.72       18.47221  (18012309)                258463.07
4027280.92       23.17279  (18012309)
        258262.07   4027211.14       15.70795  (18012309)                258262.41
4027235.33       19.49969  (18012309)
        258262.75   4027259.53       23.07470  (18012309)                258263.09
4027283.73       26.83219  (18012309)
        258062.43   4027238.14       23.11370  (18012309)                258062.77
4027262.34       25.23653  (18012309)
        258063.11   4027286.54       26.52631  (18012309)                257862.45
4027240.95       25.25696  (18012309)
        257862.79   4027265.15       26.63211  (18012309)                257863.13
4027289.35       26.76373  (18012309)
        259338.18   4027292.34       54.16606  (22122116)                259338.38
4027316.19       63.36721  (20121509)
        259338.58   4027340.05       75.48599  (20121509)                259313.18
4027292.55       54.17919  (20121509)
        259313.38   4027316.40       66.14623  (20121509)                259313.58
4027340.26       77.78090  (20121509)
        259288.18   4027292.76       56.34946  (20121509)                259288.38
4027316.61       65.94221  (20121509)
        259288.58   4027340.47       77.00249  (20121509)                259263.18
4027292.96       58.40771  (20121509)
        259263.38   4027316.82       65.78526  (20121509)                259263.58
4027340.68       74.74524  (20121509)
        259213.19   4027293.38       61.32201  (20121509)                259213.39
4027317.24       65.52872  (20121509)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 580
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3A ***
INCLUDING SOURCE(S): PHASE3A ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
259213.59	4027341.10	65.54747	(20121509)	259163.19	4027293.80	58.46468	(20121509)
259163.39	4027317.66	57.66937	(20121509)	259163.59	4027341.52	51.58834	(20121509)
259113.19	4027294.22	50.08694	(20121509)	259113.39	4027318.08	43.89265	(20121509)
259113.59	4027341.94	35.36243	(20121509)	259063.39	4027318.50	31.44928	(20121509)
259063.59	4027342.35	23.41012	(20121509)	258963.39	4027319.34	18.10256	(20011009)
258963.59	4027343.19	24.38692	(18121116)	258863.40	4027320.17	21.12113	(18012309)
258863.60	4027344.03	27.66109	(18012309)	258763.40	4027321.01	24.70926	(18012309)
258763.60	4027344.87	29.78070	(18012309)	258663.40	4027321.85	27.46489	(18012309)
258663.60	4027345.71	31.52753	(18012309)	258463.41	4027323.53	29.87539	(18012309)
258463.61	4027347.38	31.52778	(18012309)	258263.42	4027325.20	30.74649	(18012309)
258263.62	4027349.06	30.82232	(18012309)	258063.43	4027326.88	26.99557	(18012309)
258063.63	4027350.74	25.91641	(18012309)	257863.43	4027328.56	25.11393	(18012309)
257863.63	4027352.41	23.52570	(18012309)	259339.22	4027365.21	87.02191	(20121509)
259339.86	4027389.95	100.19776	(20121509)	259340.50	4027414.68	99.11804	(20121509)
259341.13	4027439.41	85.07333	(18121116)	259341.77	4027464.14	85.51243	(18121116)
259342.40	4027488.87	88.43805	(21120616)	259343.04	4027513.60	79.24107	(21120616)
259343.68	4027538.33	51.27196	(20010709)	259344.31	4027563.06	50.94625	(20010709)
259344.95	4027587.80	45.80976	(20010709)	259345.58			

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4027612.53       44.54685  (21120616)
        259346.22   4027637.26       48.60490  (21120616)                259346.86
4027661.99       50.70040  (21120616)
        259347.49   4027686.72       50.07732  (21120616)                259348.13
4027711.45       44.72508  (21120616)
        259314.23   4027365.86       89.36976  (20121509)                259314.87
4027390.59       97.02406  (20121509)
        259315.50   4027415.32       85.30614  (20121509)                259316.14
4027440.05       79.29420  (18121116)
        259316.78   4027464.78       77.29358  (18121116)                259317.41
4027489.51       81.20435  (21120616)
        259318.05   4027514.24       74.59843  (21120616)                259318.68
4027538.98       48.41241  (18121909)
        259319.32   4027563.71       41.97736  (20010709)                259319.96
4027588.44       43.26181  (20010709)
        259320.59   4027613.17       42.17719  (21120616)                259321.23
4027637.90       46.14816  (21120616)
        259321.86   4027662.63       48.30723  (21120616)                259322.50
4027687.36       47.91862  (21120616)
        259323.14   4027712.10       43.64977  (21120616)                259289.24
4027366.50       86.46662  (20121509)
        259289.88   4027391.23       83.72017  (20121509)                259290.51
4027415.96       68.21930  (20121509)
        259291.15   4027440.69       71.34863  (18121116)                259291.78
4027465.42       69.16156  (18121116)
        259292.42   4027490.16       72.97529  (21120616)                259293.06
4027514.89       68.95415  (21120616)
        259293.69   4027539.62       48.30375  (21120616)                259294.33
4027564.35       39.94172  (22121909)
        259294.96   4027589.08       36.23238  (21120616)                259295.60
4027613.81       40.01322  (21120616)
        259296.24   4027638.54       43.83351  (21120616)                259296.87
4027663.28       46.04179  (21120616)
        259297.51   4027688.01       45.87028  (21120616)                259298.14
4027712.74       42.31568  (21120616)
        259264.25   4027367.14       77.67868  (20121509)                259264.89
4027391.87       68.54103  (20121509)
        259265.52   4027416.60       60.80690  (18121116)                259266.16
4027441.34       64.69962  (18121116)
        259266.79   4027466.07       61.17002  (18121116)                259267.43
4027490.80       65.65309  (21120616)
        259268.07   4027515.53       63.94369  (21120616)                259268.70
4027540.26       48.19381  (21120616)
        259269.34   4027564.99       37.14589  (18121909)                259269.97
4027589.72       35.00750  (21120616)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3A ***
INCLUDING SOURCE(S): PHASE3A ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
259270.61	4027614.46	38.05391	(21120616)	259271.25	4027639.19	41.68690	(21120616)
259271.88	4027663.92	43.97705	(21120616)	259272.52	4027688.65	43.98877	(21120616)
259273.15	4027713.38	40.91298	(21120616)	259214.27	4027368.43	57.08995	(20121509)
259214.90	4027393.16	43.63183	(20121509)	259215.54	4027417.89	53.25235	(18121116)
259216.17	4027442.62	53.98141	(18121116)	259216.81	4027467.35	49.31002	(18121116)
259217.45	4027492.08	52.84825	(21120616)	259218.08	4027516.82	55.58025	(21120616)
259218.72	4027541.55	46.56802	(21120616)	259219.35	4027566.28	36.51127	(21120616)
259219.99	4027591.01	32.99924	(21120616)	259220.63	4027615.74	34.70920	(21120616)
259221.26	4027640.47	37.80981	(21120616)	259221.90	4027665.20	40.13336	(21120616)
259222.53	4027689.93	40.56141	(21120616)	259223.17	4027714.67	38.36886	(21120616)
259164.28	4027369.71	39.00797	(20121509)	259164.92	4027394.44	43.53276	(18121116)
259165.55	4027419.18	50.35913	(18121116)	259166.19	4027443.91	49.67431	(18121116)
259166.83	4027468.64	43.39788	(21122109)	259167.46	4027493.37	44.31001	(21120616)
259168.10	4027518.10	48.11012	(21120616)	259168.73	4027542.83	43.59466	(21120616)
259169.37	4027567.56	36.32065	(21120616)	259170.01	4027592.29	32.16733	(21120616)
259170.64	4027617.03	32.56711	(21120616)	259171.28	4027641.76	34.95199	(21120616)
259171.91	4027666.49	37.12610	(21120616)	259172.55			

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4027691.22       37.77400  (21120616)
        259173.19   4027715.95       36.13153  (21120616)                259114.30
4027371.00       32.18393  (18121116)
        259114.93   4027395.73       41.94866  (18121116)                259115.57
4027420.46       45.59756  (18121116)
        259116.21   4027445.19       43.14437  (18121116)                259116.84
4027469.92       38.50585  (18012309)
        259117.48   4027494.65       36.81513  (21120616)                259118.11
4027519.39       42.19196  (21120616)
        259118.75   4027544.12       40.91455  (21120616)                259119.39
4027568.85       35.91699  (21120616)
        259120.02   4027593.58       31.95103  (21120616)                259120.66
4027618.31       31.17747  (21120616)
        259121.29   4027643.04       32.63509  (21120616)                259121.93
4027667.77       34.47858  (21120616)
        259122.57   4027692.51       35.25446  (21120616)                259123.20
4027717.24       34.09886  (21120616)
        259064.32   4027372.28       32.81495  (18121116)                259064.95
4027397.02       39.66080  (18121116)
        259065.59   4027421.75       41.02904  (18121116)                259066.22
4027446.48       39.70028  (18012309)
        259066.86   4027471.21       36.82620  (18012309)                259067.50
4027495.94       33.98570  (18012309)
        259068.13   4027520.67       36.77159  (21120616)                259068.77
4027545.40       37.46230  (21120616)
        259069.40   4027570.13       34.65954  (21120616)                259070.04
4027594.87       31.32924  (21120616)
        259070.68   4027619.60       29.99988  (21120616)                259071.31
4027644.33       30.70512  (21120616)
        259071.95   4027669.06       32.17399  (21120616)                259072.58
4027693.79       32.97209  (21120616)
        259073.22   4027718.52       32.23433  (21120616)                258964.35
4027374.85       32.90844  (18012309)
        258964.98   4027399.59       37.34731  (18012309)                258965.62
4027424.32       38.78335  (18012309)
        258966.26   4027449.05       37.96377  (18012309)                258966.89
4027473.78       34.14533  (18012309)
        258967.53   4027498.51       30.46438  (18012309)                258968.16
4027523.24       28.37351  (21120616)
        258968.80   4027547.97       31.37430  (21120616)                258969.44
4027572.71       31.25106  (21120616)
        258970.07   4027597.44       29.58471  (21120616)                258970.71
4027622.17       28.20930  (21120616)
        258971.34   4027646.90       27.98408  (21120616)                258971.98
4027671.63       28.62398  (21120616)
        258972.62   4027696.36       29.21149  (21120616)                258973.25
4027721.09       28.91911  (21120616)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3A ***
INCLUDING SOURCE(S): PHASE3A ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
258864.38	4027377.43	34.63563	(18012309)	258865.02	4027402.16	36.89367	(18012309)
258865.65	4027426.89	36.73151	(18012309)	258866.29	4027451.62	34.71076	(18012309)
258866.93	4027476.35	31.66462	(18012309)	258867.56	4027501.08	28.43124	(18012309)
258868.20	4027525.81	24.22514	(18012309)	258868.83	4027550.54	25.94550	(21120616)
258869.47	4027575.28	27.42125	(21120616)	258870.11	4027600.01	27.24361	(21120616)
258870.74	4027624.74	26.52041	(21120616)	258871.38	4027649.47	26.07941	(21120616)
258872.01	4027674.20	26.15481	(21120616)	258872.65	4027698.93	26.40607	(21120616)
258873.29	4027723.66	26.25438	(21120616)	258764.41	4027380.00	35.14984	(18012309)
258765.05	4027404.73	36.39354	(18012309)	258765.69	4027429.46	35.28164	(18012309)
258766.32	4027454.19	32.84621	(18012309)	258766.96	4027478.92	29.42710	(18012309)
258767.59	4027503.65	25.32302	(18012309)	258768.23	4027528.38	21.25230	(18012309)
258768.87	4027553.12	21.42226	(21120616)	258769.50	4027577.85	23.68751	(21120616)
258770.14	4027602.58	24.60069	(21120616)	258770.77	4027627.31	24.60217	(21120616)
258771.41	4027652.04	24.33775	(21120616)	258772.05	4027676.77	24.29957	(21120616)
258772.68	4027701.50	24.27947	(21120616)	258773.32	4027726.23	24.07324	(21120616)
258664.45	4027382.57	34.48994	(18012309)	258665.08			

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4027407.30       33.79010  (18012309)
        258665.72   4027432.03       31.95403  (18012309)                258666.36
4027456.76       29.16419  (18012309)
        258666.99   4027481.49       25.87836  (18012309)                258667.63
4027506.22       22.34562  (18012309)
        258668.26   4027530.95       18.63585  (18012309)                258668.90
4027555.69       17.74169  (21120616)
        258669.54   4027580.42       20.29111  (21120616)                258670.17
4027605.15       21.85732  (21120616)
        258670.81   4027629.88       22.56673  (21120616)                258671.44
4027654.61       22.62566  (21120616)
        258672.08   4027679.34       22.55533  (21120616)                258672.72
4027704.07       22.56151  (21120616)
        258673.35   4027728.81       22.40756  (21120616)                258464.51
4027387.71       31.45830  (18012309)
        258465.15   4027412.44       29.72478  (18012309)                258465.79
4027437.17       26.79579  (18012309)
        258466.42   4027461.90       23.36392  (18012309)                258467.06
4027486.63       19.91890  (18012309)
        258467.69   4027511.37       16.44529  (18012309)                258468.33
4027536.10       13.57838  (21122109)
        258468.97   4027560.83       12.26579  (21120616)                258469.60
4027585.56       14.68124  (21120616)
        258470.24   4027610.29       16.75569  (21120616)                258470.87
4027635.02       18.22563  (21120616)
        258471.51   4027659.75       19.11403  (21120616)                258472.15
4027684.48       19.57224  (21120616)
        258472.78   4027709.22       19.71655  (21120616)                258473.42
4027733.95       19.59737  (21120616)
        258264.58   4027392.85       28.23982  (18012309)                258265.22
4027417.58       25.04212  (18012309)
        258265.85   4027442.31       21.55725  (18012309)                258266.49
4027467.04       18.23108  (18012309)
        258267.12   4027491.78       15.03051  (18012309)                258267.76
4027516.51       12.14053  (21122109)
        258268.40   4027541.24       10.76850  (21122109)                258269.03
4027565.97        9.28732  (21122109)
        258269.67   4027590.70       10.81332  (21120616)                258270.30
4027615.43       12.83341  (21120616)
        258270.94   4027640.16       14.42824  (21120616)                258271.58
4027664.89       15.69467  (21120616)
        258272.21   4027689.63       16.60453  (21120616)                258272.85
4027714.36       17.10695  (21120616)
        258273.48   4027739.09       17.22946  (21120616)                258064.01
4027373.26       24.48047  (18012309)
        258064.65   4027397.99       22.31639  (18012309)                258065.28
4027422.72       19.78926  (18012309)
        258065.92   4027447.45       17.07956  (18012309)                258066.55
4027472.19       14.32332  (18012309)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A ***
                                 INCLUDING SOURCE(S):   PHASE3A   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        258067.19   4027496.92   11.65582 (18012309)   258067.83
4027521.65   10.52344 (18020509)
        258068.46   4027546.38   9.20169 (18020509)   258069.10
4027571.11   7.73556 (18020509)
        258069.73   4027595.84   8.21917 (21120616)   258070.37
4027620.57   9.83639 (21120616)
        258071.01   4027645.30   11.39338 (21120616)   258071.64
4027670.04   12.80841 (21120616)
        258072.28   4027694.77   13.95732 (21120616)   258072.91
4027719.50   14.76486 (21120616)
        258073.55   4027744.23   15.20859 (21120616)   257864.08
4027378.40   21.34461 (18012309)
        257864.71   4027403.13   18.89166 (18012309)   257865.35
4027427.86   16.18301 (18012309)
        257865.98   4027452.60   13.48293 (18012309)   257866.62
4027477.33   11.28055 (18020509)
        257867.26   4027502.06   10.30603 (18020509)   257867.89
4027526.79   9.32974 (18020509)
        257868.53   4027551.52   8.11680 (18020509)   257869.16
4027576.25   6.72206 (18020509)
        257869.80   4027600.98   6.39577 (20011010)   257870.44
4027625.72   7.75419 (21120616)
        257871.07   4027650.45   9.09839 (21120616)   257871.71
4027675.18   10.34192 (21120616)
        257872.34   4027699.91   11.45530 (21120616)   257872.98
4027724.64   12.41659 (21120616)
        257873.62   4027749.37   13.14353 (21120616)   259373.56
4027735.81   35.71914 (21120616)
        259396.16   4027735.41   35.85608 (18121909)   259418.75

4027735.01 39.12180 (18121909)
259441.35 4027734.61 43.24802 (18121909) 259463.95
4027734.22 46.39662 (18121909)
259486.54 4027733.82 48.47575 (18121909) 259509.14
4027733.42 50.47285 (18121909)
259531.74 4027733.02 55.96401 (22121909) 259554.33
4027732.62 64.94520 (20010709)
259576.93 4027732.23 78.48401 (20010709) 259356.27
4027753.86 33.49857 (18121909)
259396.60 4027760.40 39.06455 (18121909) 259419.19
4027760.01 41.77168 (18121909)
259441.79 4027759.61 44.53912 (18121909) 259464.39
4027759.21 47.98060 (22121909)
259486.98 4027758.81 50.71896 (22121909) 259509.58
4027758.42 52.82728 (22121909)
259532.18 4027758.02 56.77876 (20010709) 259554.77
4027757.62 72.39043 (20010709)
259577.37 4027757.22 84.99809 (20010709) 259356.71
4027778.86 35.86955 (18121909)
259313.55 4027747.57 30.88948 (21120616) 259397.04
4027785.40 39.43711 (22121909)
259419.63 4027785.00 43.07247 (22121909) 259442.23
4027784.61 46.35870 (22121909)
259464.83 4027784.21 48.66109 (22121909) 259487.42
4027783.81 48.95849 (22121909)
259510.02 4027783.41 52.01441 (20010709) 259532.62
4027783.01 59.46994 (20010709)
259555.21 4027782.62 71.09429 (20010709) 259577.81
4027782.22 79.12594 (20010709)
259357.15 4027803.85 35.60516 (18121909) 259321.69
4027789.98 33.09868 (18121909)
259296.26 4027765.62 28.11122 (18121909) 259397.48
4027810.40 41.29952 (22121909)
259420.07 4027810.00 43.48626 (22121909) 259442.67
4027809.60 44.86659 (22121909)
259465.27 4027809.20 45.40213 (20010709) 259487.86
4027808.81 50.17987 (20010709)
259510.46 4027808.41 54.56850 (20010709) 259533.06
4027808.01 58.72477 (20010709)
259555.65 4027807.61 63.53037 (20010709) 259578.25
4027807.21 68.75757 (20010709)
259358.03 4027853.85 36.66856 (22121909) 259322.57
4027839.97 34.44774 (22121909)
259287.11 4027826.09 31.11289 (18121909) 259261.67
4027801.73 28.58574 (18121909)
259246.27 4027766.91 26.10877 (20010709) 259398.36
4027860.39 35.72213 (22121909)
259420.95 4027859.99 40.46151 (20010709) 259443.55
4027859.59 45.90304 (20010709)
259466.15 4027859.20 50.95872 (20010709) 259488.74

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3A ***
                                  INCLUDING SOURCE(S):   PHASE3A   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF OTHER   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
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4027960.37       42.32836  (20010709)
        259422.71   4027959.98       45.45270  (20010709)                259445.31
4027959.58       47.51474  (20010709)
        259467.91   4027959.18       48.36098  (20010709)                259490.50
4027958.78       47.80433  (20010709)
        259513.10   4027958.38       46.95073  (20010709)                259535.70
4027957.99       45.85386  (20010709)
        259558.29   4027957.59       44.11454  (20010709)                259580.89
4027957.19       41.94934  (20010709)
        259359.06   4028003.19       39.09563  (20010709)                259320.37
4027988.05       32.28555  (20010709)
        259281.69   4027972.91       26.66565  (20010709)                259243.00
4027957.77       25.77436  (22121909)
        259204.32   4027942.63       27.43618  (22121909)                259157.23
4027908.49       24.45336  (22121909)
        259140.43   4027870.50       23.99963  (18121909)                259123.63
4027832.50       20.71505  (18121909)
        259106.82   4027794.51       20.28137  (22122109)                259090.02
4027756.52       27.52917  (21120616)
        259401.00   4028010.37       43.05965  (20010709)                259423.59
4028009.97       43.76042  (20010709)
        259446.19   4028009.57       43.68815  (20010709)                259468.79
4028009.17       42.98919  (20010709)
        259491.38   4028008.77       41.80720  (20010709)                259513.98
4028008.38       40.19712  (20010709)
        259536.58   4028007.98       38.13936  (20010709)                259559.17
4028007.58       35.49318  (20010709)
        259581.77   4028007.18       32.08233  (20010709)                259359.90
4028102.82       37.34660  (20010709)
        259319.37   4028086.95       36.47973  (20010709)                259278.84
4028071.09       32.30190  (20010709)
        259238.31   4028055.23       26.70988  (20010709)                259197.79
4028039.37       22.09484  (20010709)
        259157.26   4028023.50       21.36841  (22122209)                259116.73
4028007.64       23.11133  (22121909)
        259087.67   4027979.81       23.31618  (22121909)                259070.06
4027940.01       21.05624  (18121909)
        259052.46   4027900.20       21.10973  (18121909)                259034.86
4027860.40       18.09185  (18121909)
        259017.26   4027820.60       17.73523  (22122109)                258999.66
4027780.80       22.54210  (21120616)
        259402.76   4028110.35       35.21461  (20010709)                259425.35
4028109.95       33.86005  (20010709)
        259447.95   4028109.55       32.15085  (20010709)                259470.55
4028109.16       30.04009  (20010709)
        259493.14   4028108.76       27.66790  (19123109)                259515.74
4028108.36       27.95080  (19123109)
        259538.34   4028107.96       27.56031  (19123109)                259560.93
4028107.57       26.87912  (19123109)
        259583.53   4028107.17       26.18456  (19123109)                259361.06
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4028202.57       28.81407  (20010709)
        259319.34   4028186.24       32.62836  (20010709)                259277.62
4028169.91       33.23939  (20010709)
↑ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 585
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3A  ***
                                  INCLUDING SOURCE(S):     PHASE3A     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
        259235.90   4028153.58       30.27159  (20010709)                259194.18
4028137.25       25.78842  (20010709)
        259152.46   4028120.92       21.65750  (20010709)                259110.74
4028104.59       18.86163  (20010709)
        259069.02   4028088.27       18.79612  (22122209)                259018.25
4028051.45       20.88584  (22121909)
        259000.13   4028010.48       20.47315  (22121909)                258982.01
4027969.50       19.13742  (18121909)
        258963.89   4027928.53       18.63162  (18121909)                258945.77
4027887.56       15.91440  (18121909)
        258927.65   4027846.58       15.65313  (22122109)                258909.53
4027805.61       18.48150  (21120616)
        258891.41   4027764.64       24.10286  (21120616)                259404.52
4028210.33       24.49347  (20010709)
        259427.11   4028209.94       22.66195  (19123109)                259449.71
4028209.54       23.82987  (19123109)
        259472.31   4028209.14       24.34055  (19123109)                259494.90
4028208.74       24.35537  (19123109)
        259517.50   4028208.35       23.89868  (19123109)                259540.10
4028207.95       23.32911  (19123109)
        259562.69   4028207.55       22.71505  (19123109)                259585.29
4028207.15       21.97780  (19123109)
        259363.42   4028302.79       19.12012  (20011309)                259322.89
4028286.92       24.07461  (20010709)
        259282.36   4028271.06       27.93692  (20010709)                259241.83
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4028255.20       29.82433  (20010709)
        259201.31   4028239.34       29.18900  (20010709)                259160.78
4028223.47       26.83903  (20010709)
        259120.25   4028207.61       23.13951  (20010709)                259079.72
4028191.75       19.70101  (20010709)
        259039.20   4028175.89       17.28426  (20010709)                258998.67
4028160.02       16.71816  (22122209)
        258949.34   4028124.26       17.57842  (22121909)                258931.74
4028084.46       19.11279  (22121909)
        258914.14   4028044.66       18.05656  (22121909)                258896.53
4028004.85       17.33092  (18121909)
        258878.93   4027965.05       16.87334  (18121909)                258861.33
4027925.25       14.80830  (18121909)
        258843.73   4027885.45       13.39750  (22121909)                258826.13
4027845.64       14.88799  (22122109)
        258808.52   4027805.84       18.82615  (21120616)                258790.92
4027766.04       22.71592  (21120616)
        259406.28   4028310.32       20.77408  (19123109)                259428.87
4028309.92       21.48254  (19123109)
        259451.47   4028309.52       21.67391  (19123109)                259474.07
4028309.13       21.49698  (19123109)
        259496.66   4028308.73       21.16593  (19123109)                259519.26
4028308.33       20.62962  (19123109)
        259541.86   4028307.93       20.00491  (19123109)                259564.45
4028307.53       19.22149  (19123109)
        259587.05   4028307.14       18.21616  (19123109)                259364.75
4028402.61       18.78928  (19123109)
        259323.38   4028386.41       17.40878  (20011309)                259282.01
4028370.22       19.78194  (20010709)
        259240.64   4028354.03       24.07965  (20010709)                259199.27
4028337.83       26.81091  (20010709)
        259157.90   4028321.64       27.39588  (20010709)                259116.52
4028305.45       25.88714  (20010709)
        259075.15   4028289.26       22.78986  (20010709)                259033.78
4028273.06       19.40789  (20010709)
        258992.41   4028256.87       16.77610  (20010709)                258951.04
4028240.68       15.13299  (20010709)
        258909.67   4028224.48       14.99969  (22122209)                258880.00
4028196.07       14.92759  (22122209)
        258862.03   4028155.44       16.84563  (22121909)                258844.06
4028114.81       17.48618  (22121909)
        258826.09   4028074.18       16.01169  (22121909)                258808.12
4028033.54       15.85376  (18121909)
        258790.15   4027992.91       15.25510  (18121909)                258772.18
4027952.28       13.52598  (18121909)
        258754.21   4027911.65       12.19032  (18121909)                258736.24
4027871.02       13.53745  (22122109)
        258718.27   4027830.39       15.95105  (21120616)                258700.30
4027789.75       20.04442  (21120616)
        259408.04   4028410.30       19.58588  (19123109)                259430.63
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A ***
                                 INCLUDING SOURCE(S):   PHASE3A   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

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4028138.39       13.02527  (22121909)
        258634.39   4028097.95       13.54642  (18121909)                258616.51
4028057.50       12.92047  (18121909)
        258598.62   4028017.06       11.84377  (18121909)                258580.73
4027976.61       11.80128  (18012609)
        258562.85   4027936.17       10.96045  (22122109)                258544.96
4027895.73       11.66685  (22122109)
        258527.08   4027855.28       13.97919  (21120616)                258509.19
4027814.84       17.07150  (21120616)
        258491.30   4027774.39       18.90290  (21120616)                259411.56
4028610.27       15.72405  (19123109)
        259434.15   4028609.88       15.19575  (19123109)                259456.75
4028609.48       14.46307  (19123109)
        259479.35   4028609.08       14.10162  (21010709)                259501.94
4028608.68       14.17471  (21010709)
        259524.54   4028608.28       14.00106  (21010709)                259547.14
4028607.89       13.66654  (21010709)
        259569.73   4028607.49       13.25292  (21010709)                259592.33
4028607.09       12.79955  (21010709)
        259371.95   4028802.60       12.85601  (19123109)                259330.89
4028786.53       14.06027  (19123109)
        259289.83   4028770.46       14.61839  (19123109)                259248.77
4028754.39       14.41483  (19123109)
        259207.71   4028738.32       13.90226  (20011309)                259166.65
4028722.25       12.73935  (20011309)
        259125.59   4028706.18       10.98660  (20011309)                259084.53
4028690.11       11.23523  (20010709)
        259043.47   4028674.04       14.62877  (20010709)                259002.40
4028657.96       17.56050  (20010709)
        258961.34   4028641.89       19.47970  (20010709)                258920.28
4028625.82       20.13384  (20010709)
        258879.22   4028609.75       19.58306  (20010709)                258838.16
4028593.68       18.15275  (20010709)
        258797.10   4028577.61       16.28270  (20010709)                258756.04
4028561.54       14.41042  (20010709)
        258714.98   4028545.47       12.84498  (20010709)                258673.92
4028529.39       11.40896  (20010709)
        258632.86   4028513.32        9.90825  (20010709)                258603.41
4028485.13        9.97128  (22122209)
        258585.58   4028444.80       11.06922  (22122209)                258567.74
4028404.47       11.22261  (22122209)
        258549.91   4028364.15       11.63754  (22121909)                258532.08
4028323.82       12.89078  (22121909)
        258514.24   4028283.49       12.97300  (22121909)                258496.41
4028243.17       12.16711  (22121909)
        258478.57   4028202.84       11.35341  (18121909)                258460.74
4028162.51       11.77049  (18121909)
        258442.91   4028122.19       11.32965  (18121909)                258425.07
4028081.86       10.51564  (18121909)
        258407.24   4028041.54       11.14954  (18012609)                258389.40
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4028001.21   10.82476 (18012609)
        258371.57   4027960.88   10.02064 (22122109)   258353.74
4027920.56   10.25837 (22122109)
        258335.90   4027880.23   12.55796 (21120616)   258318.07
4027839.90   15.15134 (21120616)
        258300.23   4027799.58   16.74236 (21120616)   259415.08
4028810.24   11.74983 (21010709)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A ***
                                  INCLUDING SOURCE(S):   PHASE3A   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        259437.67   4028809.84   12.11011 (21010709)   259460.27
4028809.45   12.25624 (21010709)
        259482.87   4028809.05   12.20015 (21010709)   259505.46
4028808.65   11.97829 (21010709)
        259528.06   4028808.25   11.64769 (21010709)   259550.66
4028807.86   11.23676 (21010709)
        259573.25   4028807.46   10.75083 (21010709)   259595.85
4028807.06   10.17380 (21010709)
        259375.05   4029002.41   10.41139 (21010709)   259354.09
4028994.21   9.98319 (21010709)
        259333.14   4028986.00   10.50067 (19123109)   259312.18
4028977.80   11.29578 (19123109)
        259291.23   4028969.60   11.95511 (19123109)   259249.32
4028953.20   12.87497 (19123109)
        259228.36   4028945.00   13.05085 (19123109)   259207.41
4028936.79   13.07038 (19123109)
        259186.46   4028928.59   12.90672 (19123109)   259144.55
4028912.19   12.48502 (20011309)
        259123.59   4028903.99   12.14753 (20011309)   259102.64
4028895.79   11.65234 (20011309)
        259081.68   4028887.58   11.03331 (20011309)   259039.77

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4028871.18        9.52504  (20011309)
        259018.82   4028862.98        8.77344  (20011309)                258997.87
4028854.78        8.07572  (20011309)
        258976.91   4028846.58        9.24242  (20010709)                258935.00
4028830.17       12.17777  (20010709)
        258914.05   4028821.97       13.57804  (20010709)                258893.09
4028813.77       14.84523  (20010709)
        258872.14   4028805.57       15.91377  (20010709)                258851.18
4028797.37       16.76575  (20010709)
        258809.27   4028780.96       17.69412  (20010709)                258788.32
4028772.76       17.76963  (20010709)
        258767.37   4028764.56       17.58828  (20010709)                258746.41
4028756.36       17.17301  (20010709)
        258704.50   4028739.96       15.91119  (20010709)                258683.55
4028731.75       15.15521  (20010709)
        258662.59   4028723.55       14.35390  (20010709)                258641.64
4028715.35       13.52659  (20010709)
        258599.73   4028698.95       11.99024  (20010709)                258578.77
4028690.75       11.26129  (20010709)
        258557.82   4028682.55       10.52036  (20010709)                258536.87
4028674.34        9.78533  (22122216)
        258494.96   4028657.94        8.82913  (22122216)                258464.90
4028629.16        7.97323  (22122216)
        258455.80   4028608.58        8.30685  (22122209)                258437.60
4028567.42        9.55680  (22122209)
        258428.50   4028546.84        9.90002  (22122209)                258410.29
4028505.68        9.98950  (22122209)
        258401.19   4028485.10        9.77900  (22122209)                258382.99
4028443.94       10.79139  (22121909)
        258373.89   4028423.36       11.29974  (22121909)                258355.69
4028382.20       11.61915  (22121909)
        258346.59   4028361.62       11.45712  (22121909)                258328.38
4028320.46       10.74831  (22121909)
        258310.18   4028279.30        9.97785  (18121909)                258291.98
4028238.14       10.50356  (18121909)
        258282.88   4028217.56       10.46559  (18121909)                258264.67
4028176.40        9.97546  (18121909)
        258255.57   4028155.83        9.64843  (18121909)                258237.37
4028114.67       10.56243  (18012609)
        258228.27   4028094.09       10.76221  (18012609)                258210.07
4028052.93       10.40691  (18012609)
        258200.97   4028032.35       10.01524  (18012609)                258182.76
4027991.19        9.19605  (18012609)
        258173.66   4027970.61        9.17970  (22122109)                258155.46
4027929.45        9.79215  (21120616)
        258146.36   4027908.87       11.11847  (21120616)                258128.16
4027867.71       13.40265  (21120616)
        258109.95   4027826.55       14.85275  (21120616)                258091.75
4027785.39       15.46849  (21120616)
        259418.60   4029010.21       10.77888  (21010709)                259441.19
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4029009.81       10.73394  (21010709)
        259463.79   4029009.42       10.60446  (21010709)                 259486.39
4029009.02       10.35741  (21010709)
        259508.98   4029008.62        9.99632  (21010709)                 259531.58
4029008.22        9.53133  (21010709)
        259554.18   4029007.82        8.96269  (21010709)                 259576.77
4029007.43        8.38623  (21010109)
        259599.37   4029007.03        9.19404  (21010109)                 259378.66
4029202.41        9.71701  (21010709)
🌲 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 588
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3A  ***
                                 INCLUDING SOURCE(S):     PHASE3A     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
        259336.94   4029186.08        9.40061  (21010709)                 259295.22
4029169.76        8.56273  (21010709)
        259253.50   4029153.43        9.95818  (19123109)                 259211.78
4029137.10       11.11739  (19123109)
        259170.06   4029120.77       11.69577  (19123109)                 259128.34
4029104.44       11.67725  (19123109)
        259086.63   4029088.11       11.37708  (20011309)                 259044.91
4029071.78       10.88885  (20011309)
        259003.19   4029055.45        9.88719  (20011309)                 258961.47
4029039.12        8.61272  (20011309)
        258919.75   4029022.79        7.36998  (20011309)                 258878.03
4029006.47        7.24337  (20010709)
        258836.31   4028990.14        9.72693  (20010709)                 258794.59
4028973.81       12.11135  (20010709)
        258752.87   4028957.48       14.11810  (20010709)                 258711.15
4028941.15       15.40159  (20010709)
        258669.43   4028924.82       15.83034  (20010709)                 258627.71
4028908.49       15.53279  (20010709)
        258585.99   4028892.16       14.59221  (20010709)                 258544.27
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4028875.83       13.35287  (20010709)
        258502.55   4028859.51       12.02652  (20010709)                258460.83
4028843.18       10.66505  (20010709)
        258419.12   4028826.85        9.51758  (22122216)                258377.40
4028810.52        8.66992  (22122216)
        258326.62   4028773.70        7.38334  (22122216)                258308.50
4028732.73        6.97521  (22122209)
        258290.38   4028691.76        8.21323  (22122209)                258272.26
4028650.78        8.91813  (22122209)
        258254.14   4028609.81        9.03353  (22122209)                258236.02
4028568.84        8.62985  (22121909)
        258217.90   4028527.86        9.86980  (22121909)                258199.78
4028486.89       10.37964  (22121909)
        258181.66   4028445.92       10.22184  (22121909)                258163.54
4028404.94        9.69645  (22121909)
        258145.42   4028363.97        8.98171  (22121909)                258127.30
4028323.00        9.39092  (18121909)
        258109.18   4028282.02        9.40719  (18121909)                258091.06
4028241.05        8.99121  (18121909)
        258072.94   4028200.08        9.20683  (18012609)                258054.82
4028159.10       10.16891  (18012609)
        258036.70   4028118.13       10.24464  (18012609)                258018.58
4028077.16        9.77952  (18012609)
        258000.46   4028036.18        8.87524  (18012609)                257982.34
4027995.21        8.30796  (22122109)
        257964.22   4027954.24        9.08231  (21120616)                257946.10
4027913.26       11.19453  (21120616)
        257927.98   4027872.29       12.82985  (21120616)                257909.86
4027831.32       13.74435  (21120616)
        257891.74   4027790.35       13.87459  (21120616)                259422.12
4029210.18        9.54637  (21010709)
        259444.71   4029209.78        9.31232  (21010709)                259467.31
4029209.38        8.97863  (21010709)
        259489.91   4029208.99        8.55286  (21010709)                259512.50
4029208.59        8.04234  (21010709)
        259535.10   4029208.19        7.44327  (21010709)                259557.70
4029207.79        7.18501  (21010109)
        259580.29   4029207.40        7.87060  (21010109)                259602.89
4029207.00        8.50429  (21010109)
        259621.33   4027730.68       86.49242  (20010709)                259665.29
4027729.15       81.82394  (20010709)
        259709.26   4027727.61       78.97437  (20010709)                259600.22
4027756.43       87.21519  (20010709)
        259644.18   4027754.90       78.60100  (20010709)                259688.15
4027753.36       71.34158  (20010709)
        259732.11   4027751.83       69.12682  (20010709)                259601.09
4027781.42       79.37395  (20010709)
        259645.05   4027779.88       71.63257  (20010709)                259689.02
4027778.35       63.49784  (20010709)
        259732.99   4027776.81       60.93685  (20010709)                259601.96
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4028306.10       16.55520  (19123109)
        259663.36   4028304.56       18.82348  (21010109)                259707.33
4028303.03       18.22519  (18122409)
        259751.30   4028301.49       21.38727  (18122409)                259622.89
4028406.04       14.95597  (21010709)
        259666.85   4028404.50       16.99686  (21010109)                259710.82
4028402.97       16.80256  (21010109)
        259754.78   4028401.43       19.02826  (18122409)                259629.86
4028605.92       13.12212  (21010109)
        259673.83   4028604.38       14.33446  (21010109)                259717.79
4028602.85       14.02642  (21010109)
        259761.76   4028601.31       15.07736  (18122409)                259636.84
4028805.79       11.64832  (21010109)
        259680.80   4028804.26       12.42377  (21010109)                259724.77
4028802.73       12.21847  (21010109)
        259768.73   4028801.19       12.52956  (18122409)                259643.81
4029005.67       10.45366  (21010109)
        259687.78   4029004.14       10.95195  (21010109)                259731.74
4029002.60       10.74178  (21010109)
        259775.71   4029001.07       10.55082  (18122409)                259628.80
4029206.32        9.11110  (21010109)
        259672.77   4029204.78        9.71722  (21010109)                259716.74
4029203.25        9.73879  (21010109)
        259760.70   4029201.71        9.27352  (21010109)                259755.00
4027725.55       90.51970  (22122009)
        259778.26   4027724.27      101.53043  (22122009)                259801.52
4027722.99      112.52644  (22122009)
        259824.78   4027721.71      123.79893  (20010809)                259848.04
4027720.44      125.92727  (20010809)
        259871.30   4027719.16      125.95778  (20121609)                259894.56
4027717.88      134.51617  (20121609)
        259756.37   4027750.51       77.20202  (22122009)                259779.63
4027749.23       88.27125  (22122009)
        259802.89   4027747.95       98.65630  (22122009)                259826.15
4027746.68      107.70911  (22122009)
        259849.41   4027745.40      112.22953  (20010809)                259872.67
4027744.12      115.98077  (20010809)
        259895.93   4027742.84      119.90984  (20010809)                259757.74
4027775.47       64.25028  (22122009)
        259781.00   4027774.19       76.61974  (22122009)                259804.26
4027772.92       86.01968  (22122009)
        259827.52   4027771.64       93.01074  (22122009)                259850.78
4027770.36       97.92770  (22122009)
        259874.04   4027769.08      102.99290  (22122009)                259897.30
4027767.81      109.98093  (20010809)
        259759.11   4027800.43       51.21770  (20010609)                259782.37
4027799.16       63.91425  (22122009)
        259805.63   4027797.88       75.70628  (22122009)                259828.89
4027796.60       84.15478  (22122009)
        259852.15   4027795.32       92.71501  (22122009)                259875.41
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4027993.75       34.32388  (18123109)
        259909.64   4027992.47       37.32022  (18123109)                259775.56
4028099.98       27.39759  (18122409)
        259798.82   4028098.70       28.83554  (20010609)                259822.08
4028097.43       30.02912  (20010609)
        259845.34   4028096.15       29.84851  (20010609)                259868.60
4028094.87       28.75017  (20010609)
        259891.86   4028093.60       27.17685  (20010609)                259915.12
4028092.32       26.30493  (18123109)
        259781.04   4028199.83       23.79218  (18122409)                259804.30
4028198.55       22.58505  (20010609)
        259827.56   4028197.28       24.79835  (20010609)                259850.82
4028196.00       25.84104  (20010609)
        259874.08   4028194.72       25.64412  (20010609)                259897.34
4028193.45       24.85997  (20010609)
        259920.60   4028192.17       23.52335  (20010609)                259786.52
4028299.68       21.61811  (18122409)
        259809.78   4028298.40       20.92698  (18122409)                259833.04
4028297.13       20.50398  (20010609)
        259856.30   4028295.85       22.11592  (20010609)                259879.56
4028294.57       22.83328  (20010609)
        259902.82   4028293.29       22.75124  (20010609)                259926.08
4028292.02       22.01036  (20010609)
        259792.01   4028399.53       19.59735  (18122409)                259815.27
4028398.25       19.11753  (18122409)
        259838.53   4028396.98       18.10643  (18122409)                259861.79
4028395.70       18.56038  (20010609)
        259885.05   4028394.42       19.89023  (20010609)                259908.31
4028393.14       20.46857  (20010609)
        259931.57   4028391.87       20.29121  (20010609)                259802.97
4028599.23       16.33897  (18122409)
        259826.23   4028597.95       16.34625  (18122409)                259849.49
4028596.67       16.00390  (18122409)
        259872.75   4028595.40       15.45430  (18122409)                259896.01
4028594.12       14.81289  (18122409)
        259919.27   4028592.84       15.83186  (20010609)                259942.53
4028591.57       16.78311  (20010609)
        259813.94   4028798.93       13.85855  (18122409)                259837.20
4028797.65       14.08177  (18122409)
        259860.46   4028796.37       14.01699  (18122409)                259883.72
4028795.10       13.72364  (18122409)
        259906.98   4028793.82       13.26218  (18122409)                259930.24
4028792.54       12.68319  (18122409)
        259953.50   4028791.27       12.78649  (20010609)                259801.64
4028999.90       11.39283  (18122409)
        259824.90   4028998.63       11.92519  (18122409)                259848.16
4028997.35       12.22926  (18122409)
        259871.42   4028996.07       12.32457  (18122409)                259894.68
4028994.80       12.22761  (18122409)
        259917.94   4028993.52       11.95028  (18122409)                259941.20
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        259964.46   4028990.96       10.94955  (18122409)                259797.65
4029200.28        9.51115  (18122409)
        259835.87   4029198.33       10.44924  (18122409)                259859.13
4029197.05       10.80980  (18122409)
        259882.39   4029195.77       10.99337  (18122409)                259905.65
4029194.50       10.99677  (18122409)
        259928.91   4029193.22       10.82916  (18122409)                259952.17
4029191.94       10.50524  (18122409)
        259975.43   4029190.66       10.07494  (18122409)                259939.86
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        259962.87   4027716.12      145.98161  (20121609)                259985.88
4027715.52      143.67044  (20121609)
        260008.89   4027714.93      143.00241  (20121609)                260031.90
4027714.33      130.11135  (20121609)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 591
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3A  ***
                                  INCLUDING SOURCE(S):     PHASE3A     ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        260054.91   4027713.73      111.60300  (20121609)                260077.92
4027713.14       93.74064  (20121609)
        260100.94   4027712.54       77.52433  (20121609)                260123.95
4027711.94       62.54928  (20121609)
        260146.96   4027711.35       49.14287  (20121609)                260169.97
4027710.75       37.24024  (20121609)
        259940.51   4027741.71      127.75799  (20121609)                259963.52
4027741.11      128.64021  (20121609)
        259986.53   4027740.52      128.37614  (20121609)                260009.54
4027739.92      129.49317  (20121609)
        260032.55   4027739.32      129.95390  (20121609)                260055.56
4027738.73      121.67479  (20121609)
        260078.57   4027738.13      107.75198  (20121609)                260101.58
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4027736.34       64.83414  (20121609)
        260170.62   4027735.74       51.74201  (20121609)                259941.16
4027766.70      112.37426  (20010809)
        259964.17   4027766.10      112.48477  (20121609)                259987.18
4027765.51      114.84006  (20121609)
        260010.19   4027764.91      115.55419  (20121609)                260033.20
4027764.31      117.58118  (20121609)
        260056.21   4027763.72      116.65193  (20121609)                260079.22
4027763.12      111.80930  (20121609)
        260102.23   4027762.52      103.13011  (20121609)                260125.24
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        260148.25   4027761.33       78.68953  (20121609)                260171.26
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        259941.80   4027791.69      104.10476  (20010809)                259964.81
4027791.10      102.34428  (20010809)
        259987.83   4027790.50       98.73792  (20010809)                260010.84
4027789.90      101.40304  (20121609)
        260033.85   4027789.31      104.55068  (20121609)                260056.86
4027788.71      105.45771  (20121609)
        260079.87   4027788.11      104.78318  (20121609)                260102.88
4027787.52      102.46807  (20121609)
        260125.89   4027786.92       97.96810  (20121609)                260148.90
4027786.32       88.63116  (20121609)
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4027841.68       87.16927  (22122009)
        259966.11   4027841.08       87.56891  (20010809)                259989.12
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        260012.13   4027839.89       88.99814  (20010809)                260035.14
4027839.29       87.51205  (20010809)
        260058.15   4027838.69       85.00769  (20010809)                260081.16
4027838.10       87.99740  (20121609)
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        260150.20   4027836.31       90.89888  (20121609)                260173.21
4027835.71       87.57100  (20121609)
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        259990.42   4027890.47       78.00840  (22122009)                260013.43
4027889.87       78.01638  (22122009)
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4027888.68       77.97630  (20010809)
        260082.46   4027888.08       76.31661  (20010809)                260105.47
4027887.48       74.22833  (20010809)
        260128.48   4027886.89       73.28686  (20121609)                260151.49
4027886.29       76.56198  (20121609)
        260174.50   4027885.69       78.67402  (20121609)                259945.69
4027941.64       55.97712  (22122009)
        259968.70   4027941.05       61.34190  (22122009)                259991.71
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4027939.26       68.93832  (22122009)
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4027936.87       68.03405  (20010809)
        260152.79   4027936.27       65.85943  (20010809)                260175.80
4027935.68       62.62841  (20010809)
        259946.99   4027991.63       40.04498  (18123109)                259970.00
4027991.03       46.03819  (22122009)
        259993.01   4027990.43       51.84089  (22122009)                260016.02
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4027988.64       62.51679  (22122009)
        260085.05   4027988.05       63.36283  (22122009)                260108.06
4027987.45       63.10533  (22122009)
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                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3A  ***
                                  INCLUDING SOURCE(S):     PHASE3A     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        260131.07   4027986.85       63.57534  (20010809)                260154.09
4027986.26       63.47501  (20010809)
        260177.10   4027985.66       62.89256  (20010809)                259949.58
4028091.59       31.10141  (18123109)
        259972.59   4028091.00       33.29074  (18123109)                259995.60
4028090.40       34.53804  (18123109)
        260018.61   4028089.80       34.87639  (18123109)                260041.62
4028089.21       36.62147  (22122009)
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        260110.66   4028087.42       48.01094  (22122009)                260133.67
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        260156.68   4028086.22       51.72741  (22122009)                260179.69
4028085.63       53.36031  (22122009)
        259952.17   4028191.56       21.81468  (20010609)                259975.18
4028190.96       23.15891  (18123109)
        259998.19   4028190.37       25.99222  (18123109)                260021.20
4028189.77       28.15929  (18123109)
        260044.22   4028189.17       29.59326  (18123109)                260067.23
4028188.58       30.29371  (18123109)
        260090.24   4028187.98       30.20595  (18123109)                260113.25
4028187.38       29.59963  (18123109)
        260136.26   4028186.79       33.37139  (22122009)                260159.27
4028186.19       37.21056  (22122009)
        260182.28   4028185.59       40.50293  (22122009)                259954.76
4028291.53       20.29450  (20010609)
        259977.78   4028290.93       19.46519  (20010609)                260000.79
4028290.33       18.96659  (20010609)
        260023.80   4028289.74       19.54451  (18123109)                260046.81
4028289.14       21.96440  (18123109)
        260069.82   4028288.54       23.92455  (18123109)                260092.83
4028287.95       25.35958  (18123109)
        260115.84   4028287.35       26.53090  (18123109)                260138.85
4028286.75       26.80324  (18123109)
        260161.86   4028286.16       26.43428  (18123109)                260184.87
4028285.56       25.91500  (18123109)
        259957.36   4028391.49       19.44867  (20010609)                259980.37
4028390.89       18.51832  (20010609)
        260003.38   4028390.30       17.69865  (20010609)                260026.39
4028389.70       16.82889  (20010609)
        260049.40   4028389.10       16.00762  (20010609)                260072.41
4028388.51       16.40320  (18123109)
        260095.42   4028387.91       18.80138  (18123109)                260118.43
4028387.31       20.75142  (18123109)
        260141.44   4028386.72       22.39169  (18123109)                260164.45
4028386.12       23.51593  (18123109)
        260187.46   4028385.52       24.09276  (18123109)                259985.55
4028590.83       17.34560  (20010609)
        260008.56   4028590.23       17.10898  (20010609)                260031.57
4028589.63       16.60437  (20010609)
        260054.58   4028589.04       15.93273  (20010609)                260077.59
4028588.44       15.15131  (20010609)
        260100.61   4028587.84       14.26464  (20010609)                260123.62
4028587.25       13.27840  (20010609)
        260146.63   4028586.65       12.12697  (20010609)                260169.64
4028586.05       12.82959  (18123109)
        260192.65   4028585.46       14.56660  (18123109)                259990.74
4028790.76       14.20572  (20010609)
        260013.75   4028790.16       14.70711  (20010609)                260036.76
4028789.57       14.89937  (20010609)
        260059.77   4028788.97       14.81491  (20010609)                260082.78
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        260105.79   4028787.78   13.98740 (20010609)   260128.80
4028787.18   13.33888 (20010609)
        260151.81   4028786.58   12.56216 (20010609)   260174.82
4028785.99   11.66269 (20010609)
        260197.83   4028785.39   10.61848 (20010609)   259995.92
4028990.69   10.86072 (20010609)
        260018.93   4028990.10   11.69793 (20010609)   260041.94
4028989.50   12.34472 (20010609)
        260064.95   4028988.90   12.79048 (20010609)   260087.96
4028988.31   12.99465 (20010609)
        260110.97   4028987.71   12.98613 (20010609)   260133.98
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        260157.00   4028986.52   12.40556 (20010609)   260180.01
4028985.92   11.87404 (20010609)
        260203.02   4028985.32   11.20008 (20010609)   260001.10
4029190.63   9.45708 (18122409)
        260024.11   4029190.03   8.89822 (20010609)   260047.13
4029189.43   9.68872 (20010609)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A ***
                                 INCLUDING SOURCE(S):   PHASE3A   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        260070.14   4029188.84   10.37943 (20010609)   260093.15
4029188.24   11.22351 (20010609)
        260116.16   4029187.64   11.66191 (20010609)   260139.17
4029187.05   11.87082 (20010609)
        260162.18   4029186.45   11.86085 (20010609)   260185.19
4029185.85   11.66132 (20010609)
        260208.20   4029185.26   11.09747 (20010609)   260190.44
4027695.65   31.81954 (22121609)
        260195.46   4027670.19   47.84525 (22121609)   260214.10

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        260192.81   4027726.50       35.66561  (20121609)                260220.40
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        260238.40   4027703.19       25.05851  (22121609)                260226.93
4027727.68       23.41450  (20121609)
        260208.71   4027745.13       38.86993  (20121609)                260245.34
4027673.65       41.35107  (22121609)
        260262.96   4027705.74       22.91315  (22121609)                260250.72
4027731.86       18.11169  (20121609)
        260225.17   4027763.53       42.14602  (20121609)                260198.54
4027774.63       59.76508  (20121609)
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        260299.29   4027738.12       15.80247  (18121109)                260286.18
4027766.11       21.77264  (20121609)
        260258.80   4027800.04       46.73257  (20121609)                260230.27
4027811.93       63.52544  (20121609)
        260201.74   4027823.82       78.38676  (20121609)                260320.16
4027678.84       33.59473  (22121609)
        260362.04   4027714.11       18.39515  (18121109)                260348.44
4027743.14       15.72241  (18121109)
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4027801.19       25.82121  (20121609)
        260292.85   4027836.38       49.96207  (20121609)                260263.26
4027848.71       64.66863  (20121609)
        260233.68   4027861.03       75.83511  (20121609)                260204.09
4027873.36       80.77887  (20121609)
        260370.04   4027682.30       30.14473  (22121609)                260411.77
4027717.90       18.66345  (18121109)
        260397.86   4027747.59       16.40988  (18121109)                260383.95
4027777.27       12.58791  (18121109)
        260370.04   4027806.96       15.96362  (20121609)                260356.13
4027836.64       29.56645  (20121609)
        260327.10   4027872.63       52.00653  (20121609)                260296.84
4027885.24       64.19092  (20121609)
        260266.58   4027897.85       72.01903  (20121609)                260236.32
4027910.46       73.82481  (20121609)
        260206.06   4027923.07       69.27548  (20121609)                260419.92
4027685.76       26.88382  (22121609)
        260461.54   4027721.59       18.63616  (18121109)                260447.42
4027751.73       16.50685  (18121109)
        260433.30   4027781.87       13.22526  (18121109)                260419.17
4027812.01       10.39240  (22011309)
        260405.05   4027842.16       19.59119  (20121609)                260390.93
4027872.30       33.03424  (20121609)
        260361.44   4027908.84       53.05490  (20121609)                260330.72
4027921.64       62.69553  (20121609)
        260300.00   4027934.45       67.75234  (20121609)                260269.27
4027947.25       67.10437  (20121609)
        260238.55   4027960.05       61.62511  (20121609)                260207.82
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4027972.86       59.83573  (20010809)
        260469.80   4027689.22       24.49893  (22121609)                260561.16
4027728.81       18.65302  (18121109)
        260546.76   4027759.54       17.21416  (18121109)                260532.36
4027790.27       14.05935  (18121109)
        260517.96   4027821.00       10.45478  (22011309)                260503.57
4027851.73        9.62544  (22011309)
        260489.17   4027882.47       14.89582  (20121609)                260474.77
4027913.20       25.43962  (20121609)
        260460.37   4027943.93       37.38465  (20121609)                260430.31
4027981.19       52.14683  (20121609)
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4028007.30       58.38649  (20121609)
        260336.32   4028020.35       54.64228  (20121609)                260305.00
4028033.41       47.63681  (20121609)
        260273.67   4028046.46       52.62786  (20010809)                260242.34
4028059.52       55.77932  (20010809)
        260211.02   4028072.57       54.85226  (20010809)                260569.56
4027696.14       20.40018  (22121609)
        260660.84   4027735.91       18.00851  (18121109)                260646.27
4027767.01       17.20975  (18121109)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 594
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3A  ***
                                  INCLUDING SOURCE(S):     PHASE3A     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        260631.70   4027798.10       15.12204  (18121109)                260617.12
4027829.20       11.29463  (18121109)
        260602.55   4027860.30        9.98360  (22011309)                260587.98
4027891.40        8.78917  (22011309)
        260573.41   4027922.50       11.59309  (20121609)                260558.84
4027953.60       20.27938  (20121609)
        260544.27   4027984.69       30.73469  (20121609)                260529.70
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        260499.28   4028053.49       49.61540  (20121609)                260467.58
4028066.70       51.26760  (20121609)
        260435.88   4028079.91       49.35109  (20121609)                260404.18
4028093.12       44.27520  (20121609)
        260372.48   4028106.33       42.14439  (20010809)                260340.78
4028119.54       47.41763  (20010809)
        260309.08   4028132.75       49.71882  (20010809)                260277.38
4028145.96       48.78998  (20010809)
        260245.68   4028159.17       48.33133  (22122009)                260213.98
4028172.38       45.43693  (22122009)
        260669.32   4027703.06       17.28589  (22121609)                260760.54
4027742.95       17.50791  (18121109)
        260745.85   4027774.30       17.38713  (18121109)                260731.16
4027805.65       15.62859  (18121109)
        260716.48   4027836.99       12.67421  (18121109)                260701.79
4027868.34        9.80836  (22011309)
        260687.10   4027899.69        9.45617  (22011309)                260672.42
4027931.03        8.00575  (22011309)
        260657.73   4027962.38        9.05479  (20121609)                260643.04
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        260628.35   4028025.07       24.95487  (20121609)                260613.67
4028056.42       33.81960  (20121609)
        260598.98   4028087.77       40.86388  (20121609)                260568.32
4028125.77       45.33365  (20121609)
        260536.36   4028139.09       44.56501  (20121609)                260504.41
4028152.40       41.00964  (20121609)
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4028179.03       38.48787  (20010809)
        260408.55   4028192.35       42.99743  (20010809)                260376.59
4028205.67       44.76657  (20010809)
        260344.64   4028218.98       43.65320  (20010809)                260312.69
4028232.30       43.54450  (22122009)
        260280.73   4028245.61       41.25511  (22122009)                260248.78
4028258.93       36.57123  (22122009)
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4027779.91       17.33024  (18121109)
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4027840.87       14.02094  (18121109)
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4027901.82        9.55047  (22011309)
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4027962.77        7.76585  (22011309)
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4028084.67       25.29045  (20121609)
        260689.15   4028115.15       32.61173  (20121609)                260674.87
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4028275.49       40.53136  (20010809)
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4028353.16       25.01737  (22122009)
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        261001.94   4027887.24       12.55312  (18121109)                 260987.45
4027918.18        9.46804  (18121109)
↑ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 595
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3A  ***
                                  INCLUDING SOURCE(S):     PHASE3A     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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4027980.05        8.85594  (22011309)
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4028041.92        6.38795  (22011309)
        260914.98   4028072.85        4.55586  (20112009)                 260900.48
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4028500.05 21.98215 (22122009)
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4028552.61 20.17610 (18123109)
260239.95 4028565.75 18.51606 (18123109) 261068.36
4027730.74 11.34408 (18121109)
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4027808.73 14.12334 (18121109)
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260937.42 4028464.63 25.26421 (20121609) 260914.19

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 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 596
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3A  ***
                                  INCLUDING SOURCE(S):     PHASE3A     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4028130.74 7.15978 (22011309)
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4028613.66   22.57278 (20121609)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A ***
                                 INCLUDING SOURCE(S):   PHASE3A   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
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260189.24 4027295.30 30.57152 (22010709) 260188.82

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4027171.05       37.00441  (19121116)
        260186.73   4027146.20       37.98511  (19121116)                260186.31
4027121.35       38.60134  (19121116)
        260185.89   4027096.50       38.31756  (19121116)                260185.48
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        260184.22   4026997.11       33.98624  (19121116)                260183.80
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4027468.82       34.88542  (22121609)
        260216.75   4027443.97       29.20911  (18011209)                260216.33
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4027369.43       26.02148  (21122009)
        260215.07   4027344.58       28.66676  (21122009)                260214.66
4027319.73       30.01529  (21122009)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 598
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3A  ***
                                  INCLUDING SOURCE(S):     PHASE3A     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - - -
        260214.24   4027294.88       29.52345  (21122009)                260213.82
4027270.03       29.17428  (22010709)
        260213.40   4027245.18       30.45908  (22010709)                260212.98
4027220.33       30.66741  (22010709)
        260212.56   4027195.48       31.03313  (19121116)                260212.15
4027170.63       33.92185  (19121116)
        260211.73   4027145.78       35.72483  (19121116)                260211.31
4027120.93       36.77548  (19121116)
        260210.89   4027096.08       36.94333  (19121116)                260210.47
4027071.23       36.67498  (19121116)
        260210.05   4027046.38       36.06424  (19121116)                260209.63
4027021.54       35.20536  (19121116)
        260209.22   4026996.69       34.20073  (19121116)                260208.80
4026971.84       33.08259  (19121116)
        260208.38   4026946.99       31.76082  (19121116)                260207.96
4026922.14       30.40735  (19121116)
        260245.09   4027642.35       53.54157  (22121609)                260244.67
4027617.50       58.34604  (22121609)
        260244.25   4027592.65       60.09023  (22121609)                260243.84
4027567.80       58.95192  (22121609)
        260243.42   4027542.95       54.27633  (22121609)                260243.00
4027518.10       47.75754  (22121609)
        260242.58   4027493.25       40.59228  (22121609)                260242.16
4027468.40       33.78990  (22121609)
        260241.74   4027443.55       27.89591  (18011209)                260241.33
4027418.70       25.46657  (18011209)
        260240.91   4027393.85       21.22464  (18011209)                260240.49
4027369.01       21.84486  (21122009)
        260240.07   4027344.16       24.99364  (21122009)                260239.65
4027319.31       27.46519  (21122009)
        260239.23   4027294.46       28.34184  (21122009)                260238.82
4027269.61       27.68380  (21122009)
        260238.40   4027244.76       27.65440  (22010709)                260237.98
4027219.91       29.21404  (22010709)
        260237.56   4027195.06       29.76036  (22010709)                260237.14
4027170.21       29.84691  (22010709)
        260236.72   4027145.36       31.93069  (19121116)                260236.30
4027120.51       33.61847  (19121116)
        260235.89   4027095.66       34.60190  (19121116)                260235.47
4027070.81       35.04073  (19121116)
        260235.05   4027045.96       35.02435  (19121116)                260234.63
4027021.11       34.64931  (19121116)
        260234.21   4026996.26       34.01279  (19121116)                260233.79
4026971.42       33.16440  (19121116)
        260233.38   4026946.57       32.05784  (19121116)                260232.96
4026921.72       30.86663  (19121116)
        260232.54   4026896.87       29.74509  (19121116)                260270.09
4027641.93       51.24361  (22121609)
        260269.67   4027617.08       55.83212  (22121609)                260269.25
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4027592.23   57.73730 (22121609)
        260268.83   4027567.38   56.11232 (22121609)   260268.41
4027542.53   52.14457 (22121609)
        260268.00   4027517.68   46.31052 (22121609)   260267.58
4027492.83   39.40161 (22121609)
        260267.16   4027467.98   32.64786 (22121609)   260266.74
4027443.13   26.62976 (18011209)
        260266.32   4027418.28   24.85605 (18011209)   260265.90
4027393.43   21.55014 (18011209)
        260265.49   4027368.58   18.10234 (21122009)   260265.07
4027343.73   21.55815 (21122009)
        260264.65   4027318.89   24.35719 (21122009)   260264.23
4027294.04   26.18765 (21122009)
        260263.81   4027269.19   26.68102 (21122009)   260263.39
4027244.34   26.18963 (21122009)
        260262.97   4027219.49   26.47840 (22010709)   260262.56
4027194.64   27.99666 (22010709)
        260262.14   4027169.79   28.62314 (22010709)   260261.72
4027144.94   28.49915 (22010709)
        260261.30   4027120.09   29.54607 (19121116)   260260.88
4027095.24   31.36384 (19121116)
        260260.46   4027070.39   32.56343 (19121116)   260320.08
4027641.09   47.06025 (22121609)
        260319.66   4027616.24   51.57811 (22121609)   260319.24
4027591.39   53.35480 (22121609)
        260318.83   4027566.54   52.37038 (22121609)   260318.41
4027541.69   48.76118 (22121609)
        260317.99   4027516.84   43.17972 (22121609)   260317.57
4027491.99   36.84037 (22121609)
        260317.15   4027467.14   30.65847 (22121609)   260316.73
4027442.29   24.54163 (22121609)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A ***
                                 INCLUDING SOURCE(S):   PHASE3A   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)

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Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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4027614.55   44.63779 (22121609)
        260419.23   4027589.70   46.07231 (22121609)   260418.81
4027564.85   45.35204 (22121609)
        260418.39   4027540.00   42.66013 (22121609)   260417.97
4027515.16   38.31608 (22121609)
        260417.56   4027490.31   32.98703 (22121609)   260417.14
4027465.46   27.45197 (22121609)
        260416.72   4027440.61   22.17316 (22121609)   260416.30
4027415.76   20.41602 (18011209)
        260415.88   4027390.91   20.81573 (18011209)   260415.46
4027366.06   19.69121 (18011209)
        260415.05   4027341.21   17.50194 (18011209)   260414.63
4027316.36   14.95570 (18011209)
        260414.21   4027291.51   12.66998 (22120209)   260413.79
4027266.66   13.12221 (21122009)
        260413.37   4027241.81   15.82067 (21122009)   260412.95
4027216.96   18.15339 (21122009)
        260412.54   4027192.11   19.89389 (21122009)   260412.12
4027167.26   20.96426 (21122009)
        260411.70   4027142.41   21.06881 (21122009)   260411.28
4027117.57   20.29712 (21122009)
        260410.86   4027092.72   19.00103 (21122009)   260410.44
4027067.87   20.07739 (22010709)
        260410.02   4027043.02   21.15719 (22010709)   260409.61
4027018.17   21.77212 (22010709)
        260409.19   4026993.32   22.15763 (22010709)   260408.77
4026968.47   22.08267 (22010709)
        260408.35   4026943.62   21.53638 (22010709)   260407.93
4026918.77   22.15000 (19121116)
        260407.51   4026893.92   23.50101 (19121116)   260470.48
4027663.41   32.02759 (22121609)
        260470.06   4027638.56   37.78352 (22121609)   260469.64
4027613.71   41.71093 (22121609)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3A ***
                                 INCLUDING SOURCE(S):   PHASE3A   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

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      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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4027090.19       16.22759  (21122009)
        260560.42   4027065.34       17.10178  (21122009)                260560.00
4027040.49       17.40216  (21122009)
        260559.59   4027015.64       17.15107  (21122009)                260559.17
4026990.79       16.47623  (21122009)
        260558.75   4026965.94       15.51425  (21122009)                260558.33
4026941.09       15.11381  (22122309)
        260557.91   4026916.25       16.35259  (22010709)                260557.49
4026891.40       17.36781  (22010709)
        260670.45   4027660.04       26.50502  (22121609)                260670.03
4027635.19       30.71001  (22121609)
        260669.61   4027610.34       33.57614  (22121609)                260669.19
4027585.49       34.80885  (22121609)
        260668.78   4027560.65       34.40537  (22121609)                260668.36
4027535.80       32.58875  (22121609)
        260667.94   4027510.95       29.67997  (22121609)                260667.52
4027486.10       26.01805  (22121609)
        260667.10   4027461.25       22.02269  (22121609)                260666.68
4027436.40       17.96065  (22121609)
        260666.27   4027411.55       14.22473  (22122809)                260665.85
4027386.70       13.73500  (22122809)
        260665.43   4027361.85       13.10149  (18011209)                260665.01
4027337.00       14.64123  (18011209)
        260664.59   4027312.15       15.30497  (18011209)                260664.17
4027287.30       15.07579  (18011209)
        260663.75   4027262.45       14.11256  (18011209)                260663.34
4027237.60       12.73559  (18011209)
        260662.92   4027212.75       12.01905  (22120209)                260662.50
4027187.90       11.93665  (22120209)
        260662.08   4027163.06       11.66733  (22120209)                260661.66
4027138.21       11.25000  (22120209)
        260661.24   4027113.36       10.71162  (22120209)                260660.83
4027088.51       10.13333  (22120209)
        260660.41   4027063.66       11.68722  (21122009)                260769.98
4027675.57       21.33946  (22121609)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 601
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3A  ***
                                 INCLUDING SOURCE(S):     PHASE3A     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
260770.02	4027633.51	27.91425	(22121609)	260769.60	4027608.66	30.29479	(22121609)
260769.18	4027583.81	31.30176	(22121609)	260768.76	4027558.96	31.09902	(22121609)
260768.34	4027534.11	29.61871	(22121609)	260767.92	4027509.26	27.08093	(22121609)
260767.51	4027484.41	23.87740	(22121609)	260767.09	4027459.56	20.31874	(22121609)
260766.67	4027434.72	16.69226	(22121609)	260766.25	4027409.87	13.19080	(22121609)
260765.83	4027385.02	12.83241	(22122809)	260765.41	4027360.17	12.36854	(22122809)
260765.00	4027335.32	11.49148	(22122809)	260764.58	4027310.47	12.81411	(18011209)
260764.16	4027285.62	13.65685	(18011209)	260763.74	4027260.77	13.74091	(18011209)
260763.32	4027235.92	13.17380	(18011209)	260762.90	4027211.07	12.15999	(18011209)
260762.49	4027186.22	11.44209	(22120209)	260762.07	4027161.37	11.55953	(22120209)
260761.65	4027136.52	11.45522	(22120209)	260761.23	4027111.67	11.19808	(22120209)
260760.81	4027086.82	10.90638	(22120209)	260760.39	4027061.97	10.47756	(22120209)
260759.98	4027037.13	9.89575	(22120209)	260759.56	4027012.28	9.23415	(22120209)
260759.14	4026987.43	10.73865	(21122009)	260758.72	4026962.58	12.02978	(21122009)
260758.30	4026937.73	12.98882	(21122009)	260757.88	4026912.88	13.63786	(21122009)
260757.46	4026888.03	13.91361	(21122009)	260869.89	4027676.75	19.64092	(22121609)
260870.00	4027631.83	25.75721	(22121609)	260869.58	4027606.98	27.82371	(22121609)
260869.17	4027582.13	28.69030	(22121609)	260868.75	4027557.28	28.40464	(22121609)
260868.33	4027532.43	27.08140	(22121609)	260867.91	4027507.58	24.84832	(22121609)
260867.49	4027482.73	21.99797	(22121609)	260867.07	4027457.88	18.82212	(22121609)
260866.66	4027433.03	15.56907	(22121609)	260866.24	4027408.18	12.42190	(22121609)
260865.82	4027383.33	11.59816	(22122809)	260865.40			

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4027358.48       11.65747  (22122809)
        260864.98   4027333.63       11.22898  (22122809)                260864.56
4027308.78       10.48977  (22122809)
        260864.14   4027283.94       11.23917  (18011209)                260863.73
4027259.09       12.16909  (18011209)
        260863.31   4027234.24       12.48556  (18011209)                260862.89
4027209.39       12.25038  (18011209)
        260862.47   4027184.54       11.57034  (18011209)                260862.05
4027159.69       10.85035  (22120209)
        260861.63   4027134.84       11.10428  (22120209)                260861.22
4027109.99       11.17615  (22120209)
        260860.80   4027085.14       11.14130  (22120209)                260860.38
4027060.29       10.90294  (22120209)
        261069.89   4027672.67       17.60519  (22121609)                261069.97
4027628.46       22.09155  (22121609)
        261069.56   4027603.61       23.63117  (22121609)                261069.14
4027578.76       24.28191  (22121609)
        261068.72   4027553.91       24.04819  (22121609)                261068.30
4027529.06       22.93430  (22121609)
        261067.88   4027504.21       21.20771  (22121609)                261067.46
4027479.36       18.97644  (22121609)
        261067.05   4027454.51       16.42995  (22121609)                261066.63
4027429.66       13.76434  (22121609)
        261066.21   4027404.82       11.16076  (22121609)                261065.79
4027379.97        8.73698  (22121609)
        261065.37   4027355.12        9.51401  (22122809)                261064.95
4027330.27        9.91038  (22122809)
        261064.54   4027305.42        9.86969  (22122809)                261064.12
4027280.57        9.43785  (22122809)
        261063.70   4027255.72        8.84360  (22122809)                261063.28
4027230.87        8.73787  (18011209)
        261062.86   4027206.02        9.82010  (18011209)                261062.44
4027181.17       10.43538  (18011209)
        261062.02   4027156.32       10.59469  (18011209)                261061.61
4027131.47       10.36485  (18011209)
        261061.19   4027106.62        9.79919  (18011209)                261060.77
4027081.77       10.04109  (22120209)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 602
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3A  ***
                                  INCLUDING SOURCE(S):     PHASE3A     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
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***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
261060.35	4027056.92	10.46508	(22120209)	261269.74	4027673.60	15.50098	(22121609)
261269.12	4027697.26	13.15886	(22121609)	261268.50	4027720.92	10.74570	(22121609)
261270.36	4027649.94	17.59124	(22121609)	261269.95	4027625.09	19.32189	(22121609)
261269.53	4027600.24	20.50621	(22121609)	261269.11	4027575.39	21.00414	(22121609)
261268.69	4027550.54	20.73845	(22121609)	261268.27	4027525.70	20.59260	(22121609)
261267.85	4027500.85	18.99220	(22121609)	261267.44	4027476.00	16.91180	(22121609)
261267.02	4027451.15	14.44680	(22121609)	261266.60	4027426.30	12.31464	(22121609)
261266.18	4027401.45	10.10236	(22121609)	261265.76	4027376.60	8.02338	(22121609)
261265.34	4027351.75	6.96881	(22122809)	261264.93	4027326.90	7.85974	(22122809)
261264.51	4027302.05	8.40425	(22122809)	261264.09	4027277.20	8.63858	(22122809)
261263.67	4027252.35	8.56545	(22122809)	261263.25	4027227.50	8.20953	(22122809)
261262.83	4027202.65	7.72549	(22122809)	261262.41	4027177.80	7.22608	(22122809)
261262.00	4027152.95	7.97607	(18011209)	261261.58	4027128.11	8.69046	(18011209)
261261.16	4027103.26	9.08820	(18011209)	261260.74	4027078.41	9.16952	(18011209)
261260.32	4027053.56	8.98090	(18011209)	261469.75	4027668.94	14.22375	(22121609)
261468.58	4027713.68	10.62413	(22121609)	261470.34	4027646.58	15.75142	(22121609)
261469.92	4027621.73	17.07418	(22121609)	261469.50	4027596.88	18.02190	(22121609)
261469.08	4027572.03	18.35342	(22121609)	261468.66	4027547.18	18.06946	(22121609)
261468.24	4027522.33	17.33500	(22121609)	261467.83	4027497.48	16.19894	(22121609)
261467.41	4027472.63	14.71760	(22121609)	261466.99	4027447.78	12.97563	(22121609)
261466.57	4027422.93	11.11650	(22121609)	261466.15			

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4027398.08        9.27659  (22121609)
        261465.73   4027373.23        8.06408  (21111709)                261465.32
4027348.38        6.82436  (21111709)
        261464.90   4027323.53        5.73877  (22122809)                261464.48
4027298.68        6.53795  (22122809)
        261464.06   4027273.83        7.14518  (22122809)                261463.64
4027248.99        7.51718  (22122809)
        261463.22   4027224.14        7.64412  (22122809)                261462.80
4027199.29        7.55726  (22122809)
        261462.39   4027174.44        7.28422  (22122809)                261461.97
4027149.59        6.86854  (22122809)
        261461.55   4027124.74        6.36842  (22122809)                261461.13
4027099.89        6.54468  (18011209)
        261460.71   4027075.04        7.28370  (18011209)                261460.29
4027050.19        7.79670  (18011209)
        261459.88   4027025.34        8.05501  (18011209)                261459.46
4027000.49        8.08834  (18011209)
        261459.04   4026975.64        7.97361  (22120209)                261458.62
4026950.79        8.45607  (22120209)
        261458.20   4026925.94        8.85937  (22120209)                261457.78
4026901.09        9.16990  (22120209)
        261457.37   4026876.25        9.32442  (22120209)                261669.74
4027664.72       13.10210  (22121609)
        261668.62   4027707.73       10.25674  (22121609)                261669.89
4027618.36       15.34239  (22121609)
        261669.47   4027593.51       16.01954  (22121609)                261669.05
4027568.66       16.25420  (22121609)
        261668.63   4027543.81       16.04266  (22121609)                261668.22
4027518.96       15.41312  (22121609)
        261667.80   4027494.11       14.42401  (22121609)                261667.38
4027469.26       13.15387  (22121609)
        261666.96   4027444.41       11.68989  (22121609)                261666.54
4027419.56       10.17162  (21111709)
        261666.12   4027394.71        9.20451  (21111709)                261665.71
4027369.87        8.11519  (21111709)
        261665.29   4027345.02        6.98054  (21111709)                261664.87
4027320.17        5.85674  (21111709)
        261664.45   4027295.32        4.75765  (21111709)                261664.03
4027270.47        5.48395  (22122809)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 603
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3A  ***
                                 INCLUDING SOURCE(S):     PHASE3A     ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
261663.61	4027245.62	6.09156	(22122809)	261663.19	4027220.77	6.53211	(22122809)
261662.78	4027195.92	6.78227	(22122809)	261662.36	4027171.07	6.84275	(22122809)
261661.94	4027146.22	6.73077	(22122809)	261661.52	4027121.37	6.47589	(22122809)
261661.10	4027096.52	6.10929	(22122809)	261660.68	4027071.67	5.66370	(22122809)
261660.27	4027046.82	5.45565	(18011209)	261659.85	4027021.97	6.14287	(18011209)
261659.43	4026997.12	6.68484	(18011209)	261659.01	4026972.28	7.05097	(18011209)
261658.59	4026947.43	7.23252	(18011209)	261658.17	4026922.58	7.23807	(18011209)
261657.76	4026897.73	7.52988	(22120209)	261657.34	4026872.88	7.99438	(22120209)
260288.10	4026826.13	27.58017	(19121116)	260294.23	4026848.07	28.47706	(19121116)
260300.37	4026870.01	29.22675	(19121116)	260348.08	4026861.01	28.17626	(19121116)
260374.46	4026775.74	26.76776	(19121116)	260380.66	4026797.90	27.02771	(19121116)
260386.85	4026820.06	26.96339	(19121116)	260393.05	4026842.22	26.46847	(19121116)
260399.25	4026864.38	25.53194	(19121116)	260420.80	4026761.83	25.47340	(19121116)
260504.00	4026700.14	22.14045	(19121116)	260510.29	4026722.64	21.37268	(19121116)
260516.59	4026745.14	20.08396	(19121116)	260522.88	4026767.64	18.40438	(19121116)
260529.17	4026790.14	17.92690	(22010709)	260535.47	4026812.64	18.42967	(22010709)
260541.76	4026835.14	18.69112	(22010709)	260548.05	4026857.65	18.52041	(22010709)
260590.35	4026649.71	18.04327	(19121116)	260596.64	4026672.21	16.59574	(19121116)
260602.94	4026694.71	16.31665	(22010709)	260609.23	4026717.21	16.76441	(22010709)
260615.52	4026739.71	16.97070	(22010709)	260626.01			

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4026777.21       16.67510  (22010709)
        260648.04   4026855.96       13.35203  (22122309)                260676.70
4026599.27       14.86238  (22010709)
        260682.99   4026621.77       15.31397  (22010709)                260689.29
4026644.27       15.58904  (22010709)
        260695.58   4026666.77       15.66980  (22010709)                260701.87
4026689.27       15.53186  (22010709)
        260708.17   4026711.78       15.04907  (22010709)                260714.46
4026734.28       14.25155  (22010709)
        260720.75   4026756.78       13.16952  (22010709)                260727.05
4026779.28       12.16909  (22122309)
        260733.34   4026801.78       12.25713  (21122009)                260739.63
4026824.28       12.97993  (21122009)
        260745.93   4026846.78       13.56323  (21122009)                260763.05
4026548.84       14.35506  (22010709)
        260769.34   4026571.34       14.55698  (22010709)                260775.64
4026593.84       14.51542  (22010709)
        260781.93   4026616.34       14.23213  (22010709)                260788.22
4026638.84       13.68780  (22010709)
        260794.52   4026661.34       12.86170  (22010709)                260800.81
4026683.84       11.91526  (22122309)
        260807.10   4026706.34       10.92724  (22122309)                260813.40
4026728.84       11.18553  (21122009)
        260825.98   4026773.84       12.40970  (21122009)                260846.96
4026848.84       12.37597  (21122009)
        260935.75   4026447.97       12.39999  (22010709)                260942.04
4026470.47       12.01032  (22010709)
        260948.34   4026492.97       11.40328  (22010709)                260954.63
4026515.47       10.71295  (22122309)
        260960.92   4026537.97       10.02093  (22122309)                260967.22
4026560.47        9.15385  (22122309)
        260973.51   4026582.97        9.66818  (21122009)                260979.80
4026605.47       10.15160  (21122009)
        260986.10   4026627.97       10.60079  (21122009)                260992.39
4026650.47       10.94481  (21122009)
        260998.68   4026672.97       11.16119  (21122009)                261004.98
4026695.47       11.15380  (21122009)
        261011.27   4026717.98       10.88132  (21122009)                261019.66
4026747.98       10.08216  (21122009)
        261108.46   4026347.13        9.69669  (22122309)                261114.80
4026369.78        9.17272  (22122309)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                  PAGE 604
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
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VALUES FOR SOURCE GROUP:  PHASE3A  ***
                                INCLUDING SOURCE(S):     PHASE3A     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
        261121.13   4026392.44        8.51177  (22122309)                261127.47
4026415.10        8.01275  (21122009)
        261133.81   4026437.76        8.46311  (21122009)                261140.15
4026460.42        8.89843  (21122009)
        261146.48   4026483.08        9.29663  (21122009)                261152.82
4026505.74        9.62590  (21122009)
        261159.16   4026528.40        9.84472  (21122009)                261165.50
4026551.06        9.91613  (21122009)
        261171.84   4026573.72        9.80208  (21122009)                261178.17
4026596.37        9.44231  (21122009)
        261184.51   4026619.03        8.89345  (21122009)                261190.85
4026641.69        8.16801  (21122009)
        261197.19   4026664.35        7.31484  (21122009)                261203.52
4026687.01        6.37550  (21122009)
        261209.86   4026709.67        6.01258  (22120209)                261219.37
4026743.66        7.03697  (22120209)
        261281.16   4026246.25        7.33581  (22122309)                261287.49
4026268.89        7.02769  (21122009)
        261293.82   4026291.52        7.40796  (21122009)                261300.15
4026314.16        7.75947  (21122009)
        261306.48   4026336.79        8.10383  (21122009)                261312.81
4026359.42        8.43775  (21122009)
        261319.14   4026382.06        8.69239  (21122009)                261325.47
4026404.69        8.83769  (21122009)
        261331.80   4026427.33        8.84549  (21122009)                261338.13
4026449.96        8.70990  (21122009)
        261344.47   4026472.60        8.39382  (21122009)                261350.80
4026495.23        7.94123  (21122009)
        261357.13   4026517.87        7.35710  (21122009)                261363.46
4026540.50        6.65079  (21122009)
        261369.79   4026563.14        5.84380  (21122009)                261376.12
4026585.77        4.99020  (21122009)
        261382.45   4026608.40        5.37120  (22120209)                261388.78
4026631.04        5.92672  (22120209)
        261395.11   4026653.67        6.53893  (22120209)                261401.44
4026676.31        7.15180  (22120209)
        261407.77   4026698.94        7.62127  (22120209)                261414.10
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4026721.58        8.08562  (22120209)
        261420.44   4026744.21        8.49898  (22120209)                261426.77
4026766.85        8.94395  (22120209)
        261433.10   4026789.48        9.18831  (22120209)                261439.43
4026812.11        9.35136  (22120209)
        261445.76   4026834.75        9.41451  (22120209)                261453.86
4026145.38        6.59630  (21122009)
        261460.18   4026168.00        6.95363  (21122009)                261466.51
4026190.61        7.28296  (21122009)
        261472.83   4026213.23        7.57452  (21122009)                261479.16
4026235.85        7.81121  (21122009)
        261485.49   4026258.46        7.97505  (21122009)                261491.81
4026281.08        8.04886  (21122009)
        261498.14   4026303.70        8.01606  (21122009)                261504.46
4026326.31        7.86238  (21122009)
        261510.79   4026348.93        7.57812  (21122009)                261517.11
4026371.55        7.16523  (21122009)
        261523.44   4026394.16        6.63837  (21122009)                261529.77
4026416.78        6.00736  (21122009)
        261536.09   4026439.39        5.30275  (21122009)                261542.42
4026462.01        4.57472  (21122009)
        261548.74   4026484.63        4.25243  (22120209)                261555.07
4026507.24        4.81721  (22120209)
        261561.40   4026529.86        5.36336  (22120209)                261567.72
4026552.48        5.87335  (22120209)
        261574.05   4026575.09        6.36173  (22120209)                261580.37
4026597.71        6.88001  (22120209)
        261586.70   4026620.33        7.36837  (22120209)                261593.02
4026642.94        7.77345  (22120209)
        261599.35   4026665.56        8.12148  (22120209)                261605.68
4026688.18        8.47505  (22120209)
        261612.00   4026710.79        8.70077  (22120209)                261618.33
4026733.41        8.91008  (22120209)
        261624.65   4026756.03        9.05902  (22120209)                261630.98
4026778.64        9.05075  (22120209)
        261637.31   4026801.26        8.93765  (22120209)                261643.63
4026823.88        8.74873  (22120209)
        261649.96   4026846.49        8.45271  (22120209)                260178.22
4026852.86       25.87832  (19121116)
        260186.13   4026829.14       24.78907  (19121116)                260206.65
4026845.81       26.43992  (19121116)
        260187.19   4026799.87       23.23709  (19121116)                260223.53
4026769.10       23.35046  (19121116)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 605
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3A ***
INCLUDING SOURCE(S):   PHASE3A   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
260244.05	4026785.76	24.82484	(19121116)	260264.57	4026802.43	26.17088	(19121116)
260226.11	4026710.93	20.86772	(19121116)	260248.00	4026728.70	22.39839	(19121116)
260299.44	4026710.19	23.26559	(19121116)	260321.04	4026727.73	24.55516	(19121116)
260342.64	4026745.27	25.72479	(19121116)	260257.58	4026615.93	18.20010	(19121116)
260278.99	4026633.32	19.61991	(19121116)	260300.41	4026650.70	20.96093	(19121116)
260321.82	4026668.09	22.21397	(19121116)	260343.24	4026685.48	23.43612	(19121116)
260333.14	4026556.74	18.25943	(19121116)	260355.03	4026574.51	19.43909	(19121116)
260376.92	4026592.29	20.58565	(19121116)	260398.81	4026610.06	21.79787	(19121116)
260420.70	4026627.83	22.83156	(19121116)	260442.59	4026645.61	23.41826	(19121116)
260464.49	4026663.38	23.53001	(19121116)	260486.38	4026681.15	22.99302	(19121116)
260320.88	4026426.24	13.48810	(19121116)	260342.49	4026443.78	14.74680	(19121116)
260364.09	4026461.32	16.12323	(19121116)	260385.69	4026478.86	17.40674	(19121116)
260407.30	4026496.40	18.57246	(19121116)	260428.90	4026513.94	19.63677	(19121116)
260450.50	4026531.48	20.74743	(19121116)	260472.11	4026549.02	21.57331	(19121116)
260572.92	4026630.87	19.77787	(19121116)	260352.60	4026331.45	11.69062	(19121116)
260374.49	4026349.23	12.78873	(19121116)	260396.39	4026367.00	13.93208	(19121116)
260483.95	4026438.10	18.67037	(19121116)	260505.84	4026455.87	19.68133	(19121116)
260527.73	4026473.64	20.45232	(19121116)	260549.62			

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4026491.42       20.91630  (19121116)
        260571.51   4026509.19       20.98800  (19121116)                260593.40
4026526.96       20.48748  (19121116)
        260615.30   4026544.74       19.47360  (19121116)                260637.19
4026562.51       17.89176  (19121116)
        260659.08   4026580.28       15.76021  (19121116)                260384.16
4026236.53        9.78664  (19121116)
        260405.84   4026254.14       10.89586  (19121116)                260427.53
4026271.74       12.10412  (19121116)
        260449.21   4026289.35       13.33301  (19121116)                260470.90
4026306.95       14.56530  (19121116)
        260492.58   4026324.56       15.68151  (19121116)                260514.26
4026342.17       16.68039  (19121116)
        260535.95   4026359.77       17.71831  (19121116)                260557.63
4026377.38       18.63177  (19121116)
        260579.32   4026394.98       19.28787  (19121116)                260601.00
4026412.59       19.53795  (19121116)
        260622.69   4026430.19       19.47607  (19121116)                260644.37
4026447.80       18.99840  (19121116)
        260709.42   4026500.62       15.24884  (19121116)                260731.11
4026518.22       13.65702  (22010709)
        260447.42   4026046.81        9.04818  (19120316)                260469.15
4026064.45        8.53378  (19120316)
        260505.36   4026093.85        9.71594  (19121116)                260548.82
4026129.14       11.87702  (19121116)
        260570.55   4026146.78       12.90622  (19121116)                260592.28
4026164.42       13.96713  (19121116)
        260614.01   4026182.07       14.98231  (19121116)                260635.74
4026199.71       15.89209  (19121116)
        260657.47   4026217.35       16.64181  (19121116)                260679.20
4026235.00       17.23576  (19121116)
        260700.93   4026252.64       17.71377  (19121116)                260722.66
4026270.28       17.81934  (19121116)
        260744.39   4026287.92       17.55278  (19121116)                260766.12
4026305.57       16.85299  (19121116)
        260860.29   4026382.02       12.40364  (22010709)                260882.02
4026399.66       12.77375  (22010709)
        260903.75   4026417.30       12.86775  (22010709)                260510.67
4025857.08        8.39716  (19120316)
        260532.43   4025874.74        7.99986  (19120316)                260554.19
4025892.41        7.45749  (19120316)
        260575.95   4025910.08        7.21439  (19121116)                260699.25
4026010.19       12.76472  (19121116)
        260721.01   4026027.85       13.68118  (19121116)                260742.77
4026045.52       14.52158  (19121116)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3A ***
INCLUDING SOURCE(S): PHASE3A ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
260764.53	4026063.19	15.21472	(19121116)	260786.29	4026080.85	15.67450	(19121116)
260808.05	4026098.52	15.89849	(19121116)	260829.81	4026116.18	15.98126	(19121116)
260851.57	4026133.85	15.91617	(19121116)	260873.32	4026151.52	15.35552	(19121116)
260895.08	4026169.18	14.43378	(19121116)	260916.84	4026186.85	13.25339	(19121116)
261011.13	4026263.40	11.57998	(22010709)	261032.89	4026281.07	11.62605	(22010709)
261054.65	4026298.74	11.44425	(22010709)	261076.41	4026316.40	10.97761	(22010709)
260573.93	4025667.35	7.81314	(19120316)	260595.71	4025685.03	7.50876	(19120316)
260617.48	4025702.71	7.06972	(19120316)	260639.26	4025720.39	6.49766	(19120316)
260661.04	4025738.08	5.80956	(19120316)	260769.94	4025826.49	10.37503	(19121116)
260849.80	4025891.33	13.31388	(19121116)	260871.58	4025909.01	13.88909	(19121116)
260893.36	4025926.69	14.35212	(19121116)	260915.13	4025944.38	14.65912	(19121116)
260936.91	4025962.06	14.70621	(19121116)	260958.69	4025979.74	14.46857	(19121116)
260980.47	4025997.43	13.94332	(19121116)	261002.25	4026015.11	13.15467	(19121116)
261024.03	4026032.79	12.18974	(19121116)	261045.81	4026050.47	10.97081	(19121116)
261067.59	4026068.16	9.61251	(19121116)	261089.37	4026085.84	9.84976	(22010709)
261111.15	4026103.52	10.24448	(22010709)	261132.93	4026121.20	10.50508	(22010709)
261154.71	4026138.89	10.60575	(22010709)	261176.49			

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4026156.57       10.47069  (22010709)
        261198.26   4026174.25       10.12399  (22010709)                261220.04
4026191.94        9.54804  (22010709)
        261241.82   4026209.62        8.85107  (22122309)                261263.60
4026227.30        8.14234  (22122309)
        260637.18   4025477.61        7.25831  (19120316)                260658.97
4025495.31        6.97909  (19120316)
        260680.76   4025513.00        6.62452  (19120316)                260702.56
4025530.70        6.19764  (19120316)
        260724.35   4025548.39        5.67825  (19120316)                260746.15
4025566.09        5.05344  (19120316)
        260767.94   4025583.78        5.34402  (19121116)                260789.73
4025601.48        6.18095  (19121116)
        260811.53   4025619.17        7.03394  (19121116)                260833.32
4025636.87        7.89125  (19121116)
        260855.12   4025654.56        8.73579  (19121116)                260876.91
4025672.26        9.57813  (19121116)
        260898.71   4025689.95       10.41068  (19121116)                260920.50
4025707.65       11.17322  (19121116)
        260942.29   4025725.34       11.82098  (19121116)                260964.09
4025743.04       12.38551  (19121116)
        260985.88   4025760.73       12.83179  (19121116)                261007.68
4025778.43       13.14927  (19121116)
        261029.47   4025796.12       13.32178  (19121116)                261051.26
4025813.82       13.45309  (19121116)
        261073.06   4025831.51       13.26337  (19121116)                261094.85
4025849.21       12.78478  (19121116)
        261116.65   4025866.90       12.05396  (19121116)                261138.44
4025884.59       11.11787  (19121116)
        261160.23   4025902.29       10.01639  (19121116)                261182.03
4025919.98        8.79915  (19121116)
        261203.82   4025937.68        8.91021  (22010709)                261225.62
4025955.37        9.31100  (22010709)
        261247.41   4025973.07        9.61078  (22010709)                261269.20
4025990.76        9.77936  (22010709)
        261291.00   4026008.46        9.77393  (22010709)                261312.79
4026026.15        9.57531  (22010709)
        261334.59   4026043.85        9.17603  (22010709)                261356.38
4026061.54        8.58450  (22010709)
        261378.18   4026079.24        8.01597  (22122309)                261399.97
4026096.93        7.36488  (22122309)
        261421.76   4026114.63        6.57845  (22122309)                259786.65
4026922.81       22.38025  (20122409)
        259785.22   4026946.18       22.94155  (20122409)                259786.24
4026967.32       23.66193  (20122409)
        259787.46   4026993.13       24.75674  (20122409)                259786.85
4027016.70       25.52528  (20122409)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3B ***
INCLUDING SOURCE(S): PHASE3B ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
260122.88	4026867.29	87.29940	(19121116)	260099.69	4026867.81	78.51109	(19121116)
260076.51	4026868.33	63.45494	(19121116)	260053.32	4026868.85	63.16478	(20010209)
260030.13	4026869.37	71.26402	(20010209)	260006.94	4026869.89	76.63065	(20010209)
259983.76	4026870.42	77.67288	(20010209)	259960.57	4026870.94	74.65490	(20010209)
260145.51	4026841.77	79.15400	(19121116)	260122.32	4026842.29	71.77765	(19121116)
260099.13	4026842.82	62.11641	(19121116)	260075.94	4026843.34	51.22309	(20122409)
260052.76	4026843.86	52.90230	(20122409)	260029.57	4026844.38	61.69488	(20010209)
260006.38	4026844.90	66.39205	(20010209)	259983.19	4026845.42	66.50554	(20010209)
259960.01	4026845.94	63.34378	(20010209)	260157.65	4026818.69	69.67685	(19121116)
260121.76	4026817.30	57.22620	(19121116)	260098.57	4026817.82	49.05594	(20122409)
260075.38	4026818.34	47.18984	(20122409)	260052.19	4026818.86	47.45129	(20122409)
260029.01	4026819.39	51.13452	(20010209)	260005.82	4026819.91	56.36183	(20010209)
259982.63	4026820.43	57.31284	(20010209)	259959.44	4026820.95	56.15854	(20010209)
260161.32	4026794.34	58.75755	(19121116)	260121.20	4026792.31	44.75486	(19121116)
260098.01	4026792.83	44.52341	(20122409)	260074.82	4026793.35	43.58573	(20122409)
260051.63	4026793.87	43.11613	(20122409)	260028.45			

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4026795.43       51.28740  (20010209)
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4026744.35       39.61812  (19121116)
        260120.07   4026742.32       38.94685  (20122409)                260096.88
4026742.84       39.15385  (20122409)
        260073.70   4026743.36       38.80605  (20122409)                260050.51
4026743.88       37.26533  (20122409)
        260027.32   4026744.40       31.95070  (20122409)                260004.13
4026744.93       36.45427  (20010209)
        259980.95   4026745.45       41.15180  (20010209)                259957.76
4026745.97       43.49116  (20010209)
        260164.72   4026695.21       33.07226  (19120316)                260187.30
4026698.62       36.40995  (19121116)
        260142.14   4026691.81       35.41196  (20122409)                260118.95
4026692.33       36.55722  (20122409)
        260095.76   4026692.85       36.11263  (20122409)                260072.57
4026693.37       33.66895  (20122409)
        260049.39   4026693.90       30.63470  (20122409)                260026.20
4026694.42       24.53582  (20122409)
        260003.01   4026694.94       25.93689  (20010209)                259979.82
4026695.46       31.69045  (20010209)
        259956.64   4026695.98       35.79491  (20010209)                260162.18
4026645.01       29.95869  (20122409)
        260204.52   4026651.40       31.18148  (19120316)                260117.82
4026642.34       32.37099  (20122409)
        260094.64   4026642.87       31.38121  (20122409)                260071.45
4026643.39       28.85697  (20122409)
        260048.26   4026643.91       24.64540  (20122409)                260025.07
4026644.43       18.34565  (20122409)
        260001.89   4026644.95       16.91694  (20010209)                259978.70
4026645.47       22.83479  (20010209)
        259955.51   4026645.99       27.83306  (20010209)                260160.21
4026594.90       27.34036  (20122409)
        260200.85   4026601.03       26.66707  (19120316)                260116.70
4026592.36       28.85433  (20122409)
        260093.51   4026592.88       27.77877  (20122409)                260070.33
4026593.40       24.96016  (20122409)
        260047.14   4026593.92       20.12646  (20122409)                260023.95
4026594.44       14.11244  (20122409)
        260000.76   4026594.96       10.56298  (20010209)                259977.58
4026595.48       15.71517  (20010209)
        259954.39   4026596.01       20.80785  (20010209)                260160.22
4026495.27       23.34367  (20122409)
        260182.80   4026498.67       21.71449  (20122409)                260205.38
4026502.07       18.67585  (19120316)
        260227.96   4026505.48       21.20048  (19120316)                260250.54
4026508.88       22.62109  (19120316)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B ***
                                 INCLUDING SOURCE(S):   PHASE3B   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
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4026492.38   22.85296 (20122409)
        260091.27   4026492.90   20.88107 (20122409)   260068.08
4026493.42   17.70802 (20122409)
        260044.89   4026493.95   13.45974 (20122409)   260021.70
4026494.47   8.83942 (20122409)
        259998.52   4026494.99   4.92484 (20122409)   259975.33
4026495.51   6.57808 (20010209)
        259952.14   4026496.03   10.09262 (20010209)   260156.56
4026395.08   20.31612 (20122409)
        260198.90   4026401.46   18.37153 (20122409)   260241.24
4026407.84   16.01385 (19120316)
        260283.58   4026414.23   19.42844 (19120316)   260112.21
4026392.41   18.25814 (20122409)
        260089.02   4026392.93   15.57762 (20122409)   260065.83
4026393.45   12.19949 (20122409)
        260042.64   4026393.97   8.78075 (20122409)   260019.46
4026394.49   5.55816 (20122409)
        259996.27   4026395.01   4.60514 (22011111)   259973.08
4026395.54   4.36865 (22011111)
        259949.89   4026396.06   4.31261 (20010209)   260155.73
4026295.32   17.78592 (20122409)
        260178.31   4026298.72   18.01519 (20122409)   260200.89
4026302.12   17.10040 (20122409)
        260223.47   4026305.53   15.20259 (20122409)   260246.05
4026308.93   12.85544 (20122409)
        260268.63   4026312.34   13.17489 (19120316)   260291.21
4026315.74   15.46439 (19120316)
        260313.79   4026319.15   16.94765 (19120316)   260133.15

4026291.91 16.51898 (20122409)
260109.96 4026292.43 14.45695 (20122409) 260086.77
4026292.95 11.74971 (20122409)
260063.58 4026293.48 8.77616 (20122409) 260040.40
4026294.00 5.96768 (20122409)
260017.21 4026294.52 4.28056 (22011111) 259994.02
4026295.04 4.34343 (22011111)
259970.83 4026295.56 4.17941 (22011111) 259947.65
4026296.08 3.81448 (22011111)
260152.45 4026195.19 14.87986 (20122409) 260195.56
4026201.69 15.78786 (20122409)
260238.67 4026208.18 13.69856 (20122409) 260281.77
4026214.68 9.45552 (20122409)
260324.88 4026221.18 13.27447 (19120316) 260107.71
4026192.46 11.19100 (20122409)
260084.52 4026192.98 8.75408 (20122409) 260061.34
4026193.50 6.31733 (20122409)
260038.15 4026194.02 4.18498 (20122409) 260014.96
4026194.54 4.05282 (22011111)
259991.77 4026195.06 4.20469 (22011111) 259968.59
4026195.59 4.14120 (22011111)
259945.40 4026196.11 3.86419 (22011111) 260148.18
4025995.27 9.93418 (20122409)
260191.72 4026001.84 12.20953 (20122409) 260235.27
4026008.40 12.34948 (20122409)
260278.82 4026014.97 10.35925 (20122409) 260322.37
4026021.53 7.30909 (20122409)
260365.91 4026028.10 8.65027 (19120316) 260409.46
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260103.22 4025992.51 6.60132 (20122409) 260080.03
4025993.03 4.91927 (20122409)
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4025994.07 3.26002 (22011111)
260010.47 4025994.59 3.60972 (22011111) 259987.28
4025995.11 3.79414 (22011111)
259964.09 4025995.64 3.80104 (22011111) 259940.90
4025996.16 3.64027 (22011111)
260143.82 4025795.34 6.44114 (20122409) 260187.66
4025801.95 8.78157 (20122409)
260231.49 4025808.56 10.15937 (20122409) 260275.32
4025815.17 10.02034 (20122409)
260319.15 4025821.78 8.38474 (20122409) 260362.98
4025828.38 5.92599 (20122409)
260406.82 4025834.99 5.32275 (19120316) 260450.65
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260098.72 4025792.56 3.95133 (20122409) 260075.53
4025793.08 3.42262 (22020909)
260052.35 4025793.60 3.03989 (22020909) 260029.16
4025794.12 2.83719 (22011111)
260005.97 4025794.64 3.14380 (22011111) 259982.78

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3B ***
                                  INCLUDING SOURCE(S):   PHASE3B   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF OTHER   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

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4025392.66 2.93209 (22020909)
  260066.54 4025393.18 2.69423 (22020909) 260043.36
4025393.70 2.39523 (22020909)
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4025394.75 2.57726 (22011111)
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  259927.42 4025396.31 2.98639 (22011111) 259936.53
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4026966.44 70.28900 (20121509)
  259937.73 4026989.80 68.40262 (20121509) 259938.13
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  259918.11 4026879.03 58.55986 (20121509) 259911.54
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  259911.93 4026943.51 62.01401 (20121509) 259912.33
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4026921.85 38.25949 (20121509)
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  259812.75 4026991.93 41.49082 (21120616) 259813.14

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4027015.30       42.50474  (21120616)
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4026838.48       40.80993  (20121509)
↑ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 610
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3B  ***
                                  INCLUDING SOURCE(S):     PHASE3B     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        259801.00   4026797.90       36.92116  (22122116)                259836.90
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        259876.81   4026731.04       34.25449  (20010209)                259916.72
4026713.51       40.68370  (20010209)
        259718.91   4026880.47       29.27951  (20121509)                259734.41
4026841.02       35.41585  (20121509)
        259749.90   4026801.57       35.29102  (20121509)                259765.40
4026762.13       32.63316  (22122116)
        259800.30   4026714.16       21.00363  (22122116)                259839.10
4026697.12       24.23818  (20010209)
        259877.90   4026680.08       34.61678  (20010209)                259916.71
4026663.03       34.76008  (20010209)
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4026858.44       26.46684  (20121509)
        259686.28   4026837.14       29.97757  (20121509)                259694.64
4026815.84       32.23517  (20121509)
        259703.01   4026794.54       32.55787  (20121509)                259711.38
4026773.24       30.48018  (20121509)
        259719.75   4026751.94       29.57361  (22122116)                259728.11
4026730.63       29.21984  (22122116)
        259736.48   4026709.33       26.49822  (22122116)                259765.80
4026678.83       17.33318  (22122116)
        259786.76   4026669.63       12.61208  (22122116)                259807.71
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        259828.66   4026651.22       24.65150  (20010209)                259849.62
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  259732.62 4026592.44 8.26322 (20010209) 259772.53
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  259892.27 4026522.32 22.08645 (20010209) 259485.81
4026841.80 13.75554 (18121116)
  259502.22 4026800.04 15.13793 (20121509) 259518.63
4026758.27 21.35216 (20121509)
  259535.03 4026716.50 23.56386 (20121509) 259543.24
4026695.62 22.55797 (20121509)
  259559.64 4026653.85 20.50598 (22122116) 259576.05
4026612.08 20.72881 (22122116)
  259592.46 4026570.32 15.94900 (22122116) 259621.20
4026540.41 9.62549 (22122116)
  259662.29 4026522.37 4.52646 (22122116) 259703.37
4026504.32 9.55132 (20010209)
  259744.46 4026486.28 16.71284 (20010209) 259785.55
4026468.23 21.60418 (20010209)
  259826.63 4026450.19 21.35263 (20010209) 259867.72
4026432.14 16.54329 (20010209)
  259888.26 4026423.12 13.29041 (20010209) 259377.95
4026863.56 16.02752 (18012309)
  259386.32 4026842.26 14.34275 (18012309) 259394.69
4026820.95 12.01071 (18012309)
  259403.05 4026799.65 9.14703 (18121116) 259411.42
4026778.35 10.30445 (20121509)
  259419.79 4026757.05 13.46620 (20121509) 259428.16
4026735.75 16.40039 (20121509)
  259436.52 4026714.45 18.74698 (20121509) 259444.89
4026693.15 20.21703 (20121509)
  259453.26 4026671.84 20.57807 (20121509) 259461.63
4026650.54 19.71278 (20121509)
  259469.99 4026629.24 17.69637 (20121509) 259478.36
4026607.94 17.16338 (22122116)
  259486.73 4026586.64 18.34487 (22122116) 259495.10
4026565.34 18.42884 (22122116)
  259503.46 4026544.04 17.36806 (22122116) 259511.83

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B ***
                                 INCLUDING SOURCE(S):   PHASE3B   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        259612.38   4026443.32   3.66118 (22122709)   259633.33
4026434.12   5.13494 (20010209)
        259654.29   4026424.92   7.61465 (20010209)   259675.24
4026415.71   10.48474 (20010209)
        259696.20   4026406.51   13.48068 (20010209)   259717.15
4026397.31   16.17271 (20010209)
        259738.11   4026388.11   18.11467 (20010209)   259759.06
4026378.90   19.02359 (20010209)
        259780.01   4026369.70   18.76788 (20010209)   259800.97
4026360.50   17.46155 (20010209)
        259821.92   4026351.30   15.39961 (20010209)   259842.88
4026342.09   12.80790 (20010209)
        259863.83   4026332.89   9.96945 (20010209)   259884.78
4026323.69   7.24418 (20010209)
        259905.74   4026314.49   4.88230 (20010209)   259926.69
4026305.28   3.30598 (22011111)
        259361.62   4026929.52   17.08140 (18012309)   259362.01
4026952.88   15.75051 (18012309)
        259362.41   4026976.24   13.61900 (21122109)   259362.81
4026999.61   12.60231 (21122109)
        259363.21   4027022.97   14.45755 (21120616)   259269.72
4026886.25   17.19541 (18012309)
        259278.21   4026864.64   16.73812 (18012309)   259286.70

4026843.03 15.42180 (18012309)
259295.19 4026821.42 13.34588 (18012309) 259303.67
4026799.81 10.74104 (18012309)
259312.16 4026778.20 7.96825 (18012309) 259320.65
4026756.59 6.86466 (20121509)
259329.14 4026734.98 9.48861 (20121509) 259337.63
4026713.37 12.21551 (20121509)
259346.12 4026691.76 14.71095 (20121509) 259354.61
4026670.15 16.68467 (20121509)
259363.10 4026648.54 17.87346 (20121509) 259371.58
4026626.93 18.08701 (20121509)
259380.07 4026605.32 17.26395 (20121509) 259388.56
4026583.71 15.50236 (20121509)
259397.05 4026562.10 14.33948 (22122116) 259405.54
4026540.49 15.75157 (22122116)
259414.03 4026518.88 16.30117 (22122116) 259422.52
4026497.27 15.89342 (22122116)
259431.00 4026475.66 14.59185 (22122116) 259439.49
4026454.05 12.60363 (22122116)
259447.98 4026432.44 10.22303 (22122116) 259477.73
4026401.50 5.80935 (22122116)
259498.99 4026392.16 4.06175 (22122116) 259520.24
4026382.83 3.25872 (22122709)
259541.50 4026373.49 3.20927 (22122709) 259562.76
4026364.15 3.29006 (18120709)
259584.02 4026354.82 4.22685 (20010209) 259605.27
4026345.48 6.21960 (20010209)
259626.53 4026336.15 8.57557 (20010209) 259647.79
4026326.81 11.09238 (20010209)
259669.05 4026317.47 13.46500 (20010209) 259690.31
4026308.14 15.37901 (20010209)
259711.56 4026298.80 16.52523 (20010209) 259732.82
4026289.47 16.71403 (20010209)
259754.08 4026280.13 16.00880 (20010209) 259775.34
4026270.79 14.53333 (20010209)
259796.59 4026261.46 12.54069 (20010209) 259817.85
4026252.12 10.16999 (20010209)
259839.11 4026242.79 7.73387 (20010209) 259860.37
4026233.45 5.50326 (20010209)
259881.62 4026224.11 3.65364 (20010209) 259902.88
4026214.78 2.83692 (22011111)
259924.14 4026205.44 3.41839 (22011111) 259261.63
4026931.23 15.42629 (18012309)
259262.03 4026954.59 13.67714 (18012309) 259262.43
4026977.95 11.78142 (21122109)
259262.83 4027001.31 10.69223 (21122109) 259263.22
4027024.67 11.60234 (21120616)
259263.62 4027048.03 13.89809 (21120616) 259069.63
4026889.97 15.20327 (18012309)
259078.00 4026868.67 15.57564 (18012309) 259086.36

4026847.37   15.43311 (18012309)
        259094.73   4026826.07   14.61286 (18012309)   259103.10
4026804.77   13.15397 (18012309)
        259111.47   4026783.47   11.15844 (18012309)   259119.83
4026762.16   8.91117 (18012309)
        259128.20   4026740.86   6.72028 (18012309)   259136.57
4026719.56   5.26610 (20011009)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B ***
                                  INCLUDING SOURCE(S):   PHASE3B   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        259144.93   4026698.26   4.36772 (20011009)   259153.30
4026676.96   5.66878 (20121509)
        259161.67   4026655.66   7.56752 (20121509)   259170.04
4026634.36   9.53866 (20121509)
        259178.40   4026613.06   11.41857 (20121509)   259186.77
4026591.75   12.98366 (20121509)
        259195.14   4026570.45   14.03923 (20121509)   259203.51
4026549.15   14.46664 (20121509)
        259211.87   4026527.85   14.19256 (20121509)   259220.24
4026506.55   13.24071 (20121509)
        259228.61   4026485.25   11.73616 (20121509)   259236.98
4026463.95   10.50099 (22122116)
        259245.34   4026442.64   11.80466 (22122116)   259253.71
4026421.34   12.64287 (22122116)
        259262.08   4026400.04   13.57956 (22122116)   259270.45
4026378.74   13.14493 (22122116)
        259278.81   4026357.44   11.56853 (22122116)   259287.18
4026336.14   10.22135 (22122116)
        259295.55   4026314.84   8.55676 (22122116)   259303.91
4026293.54   6.80338 (22122116)
        259333.24   4026263.03   3.82139 (22122116)   259354.19

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4026253.83        2.99925  (22021109)
        259375.14   4026244.63        2.79700  (18121209)                259396.10
4026235.42        2.77049  (18121209)
        259417.05   4026226.22        2.65770  (18121209)                259438.01
4026217.02        2.46992  (18121209)
        259458.96   4026207.82        3.04247  (18120709)                259479.91
4026198.61        3.83813  (18120709)
        259500.87   4026189.41        4.49586  (18120709)                259521.82
4026180.21        5.42236  (20010209)
        259542.78   4026171.01        7.10886  (20010209)                259563.73
4026161.80        8.87122  (20010209)
        259584.68   4026152.60       10.54121  (20010209)                259605.64
4026143.40       11.91619  (20010209)
        259626.59   4026134.20       12.84102  (20010209)                259647.55
4026124.99       13.21582  (20010209)
        259668.50   4026115.79       12.94835  (20010209)                259689.45
4026106.59       12.09332  (20010209)
        259710.41   4026097.39       10.77633  (20010209)                259731.36
4026088.18        9.25496  (20010209)
        259752.32   4026078.98        7.58375  (20010209)                259773.27
4026069.78        5.90480  (20010209)
        259794.23   4026060.58        4.33774  (20010209)                259815.18
4026051.37        3.02530  (20010209)
        259836.13   4026042.17        2.30979  (21120809)                259857.09
4026032.97        2.43224  (20010210)
        259878.04   4026023.77        2.50363  (22011111)                259899.00
4026014.56        2.97051  (22011111)
        259919.95   4026005.36        3.36362  (22011111)                259061.66
4026934.64       12.48306  (18012309)
        259062.06   4026958.00       10.28093  (18012309)                259062.46
4026981.36        8.95265  (21122109)
        259062.85   4027004.72        7.88057  (21122109)                259063.25
4027028.08        7.80620  (21120616)
        259063.65   4027051.44        9.64293  (21120616)                258869.81
4026892.99       13.16039  (18012309)
        258878.33   4026871.29       13.78958  (18012309)                258886.86
4026849.60       14.58786  (18012309)
        258895.38   4026827.90       14.72058  (18012309)                258903.90
4026806.20       14.36392  (18012309)
        258912.42   4026784.51       13.37361  (18012309)                258920.95
4026762.81       11.76080  (18012309)
        258929.47   4026741.12        9.75875  (18012309)                258937.99
4026719.42        7.68906  (18012309)
        258946.51   4026697.73        5.67708  (18012309)                258955.04
4026676.03        4.41321  (20011009)
        258963.56   4026654.33        3.75255  (22121309)                258972.08
4026632.64        3.23680  (18112609)
        258980.60   4026610.94        3.96171  (20121509)                258989.12
4026589.25        5.34652  (20121509)
        258997.65   4026567.55        6.86365  (20121509)                259006.17
```

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3B ***
INCLUDING SOURCE(S): PHASE3B ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
259082.87	4026350.59	8.83938	(22122116)	259091.39	4026328.90	9.85281	(22122116)
259099.92	4026307.20	10.50309	(22122116)	259108.44	4026285.51	10.71126	(22122116)
259116.96	4026263.81	10.44580	(22122116)	259125.48	4026242.11	9.74044	(22122116)
259134.00	4026220.42	8.68749	(22122116)	259142.53	4026198.72	7.41401	(22122116)
259151.05	4026177.03	6.05820	(22122116)	259159.57	4026155.33	4.74174	(22122116)
259189.44	4026124.26	2.89180	(22021109)	259210.78	4026114.89	2.73620	(22021109)
259232.12	4026105.52	2.49940	(22021109)	259253.46	4026096.14	2.49151	(18121209)
259274.80	4026086.77	2.44968	(18121209)	259296.15	4026077.40	2.34772	(18121209)
259317.49	4026068.02	2.18198	(18121209)	259338.83	4026058.65	2.27816	(18120709)
259360.17	4026049.28	3.00858	(18120709)	259381.51			

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4026039.91        3.70078  (18120709)
        259402.86   4026030.53        4.25152  (18120709)                259424.20
4026021.16        4.58922  (18120709)
        259445.54   4026011.79        5.17038  (20010209)                259466.88
4026002.41        6.46453  (20010209)
        259488.22   4025993.04        7.77129  (20010209)                259509.57
4025983.67        8.97333  (20010209)
        259530.91   4025974.29        9.93366  (20010209)                259552.25
4025964.92       10.52347  (20010209)
        259573.59   4025955.55       10.71305  (20010209)                259594.94
4025946.18       10.48951  (20010209)
        259616.28   4025936.80        9.85795  (20010209)                259637.62
4025927.43        8.86199  (20010209)
        259658.96   4025918.06        7.65590  (20010209)                259680.30
4025908.68        6.35033  (20010209)
        259701.65   4025899.31        5.03281  (20010209)                259722.99
4025889.94        3.82247  (20010209)
        259744.33   4025880.56        2.77905  (20010209)                259765.67
4025871.19        2.46025  (21120809)
        259787.01   4025861.82        2.09319  (21120809)                259808.36
4025852.45        2.21528  (20010210)
        259829.70   4025843.07        2.29058  (20010210)                259851.04
4025833.70        2.27694  (22011111)
        259872.38   4025824.33        2.68542  (22011111)                259893.72
4025814.95        3.04107  (22011111)
        259915.07   4025805.58        3.31420  (22011111)                258861.29
4026914.68       11.33498  (18012309)
        258861.69   4026938.04        9.35480  (18012309)                258862.09
4026961.41        7.65662  (21122109)
        258862.48   4026984.77        6.91401  (21122109)                258862.88
4027008.13        5.94837  (21122109)
        258863.28   4027031.49        5.42986  (21120616)                258863.68
4027054.85        6.87101  (21120616)
        258669.75   4026896.63       10.37740  (18012309)                258678.18
4026875.16       11.64106  (18012309)
        258686.62   4026853.69       12.59468  (18012309)                258695.05
4026832.23       13.22201  (18012309)
        258703.48   4026810.76       13.36043  (18012309)                258711.91
4026789.29       13.03327  (18012309)
        258720.34   4026767.83       12.25088  (18012309)                258728.78
4026746.36       11.17465  (18012309)
        258737.21   4026724.89        9.71408  (18012309)                258745.64
4026703.43        8.22550  (18012309)
        258754.07   4026681.96        6.64452  (18012309)                258762.51
4026660.50        5.09209  (18012309)
        258770.94   4026639.03        4.05236  (22121309)                258779.37
4026617.56        3.71796  (22121309)
        258787.80   4026596.10        3.29130  (22121309)                258796.23
4026574.63        2.96601  (18112609)
        258804.67   4026553.16        3.20070  (18112609)                258813.10
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4026531.70   3.46206 (20121509)
        258821.53   4026510.23   4.53371 (20121509)   258829.96
4026488.76   5.71213 (20121509)
        258838.40   4026467.30   6.89112 (20121509)   258846.83
4026445.83   7.98718 (20121509)
        258855.26   4026424.36   8.90962 (20121509)   258863.69
4026402.90   9.58638 (20121509)
        258872.13   4026381.43   9.94758 (20121509)   258880.56
4026359.97   9.94263 (20121509)
        258888.99   4026338.50   9.51904 (20121509)   258897.42
4026317.03   8.79155 (20121509)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B ***
                                INCLUDING SOURCE(S):   PHASE3B   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        258905.85   4026295.57   7.81817 (20121509)   258914.29
4026274.10   6.66296 (20121509)
        258922.72   4026252.63   6.82709 (22122116)   258931.15
4026231.17   7.75379 (22122116)
        258939.58   4026209.70   8.50888 (22122116)   258948.02
4026188.23   8.93075 (22122116)
        258956.45   4026166.77   9.01520 (22122116)   258964.88
4026145.30   8.76781 (22122116)
        258973.31   4026123.83   8.21715 (22122116)   258981.74
4026102.37   7.38449 (22122116)
        258990.18   4026080.90   6.37393 (22122116)   258998.61
4026059.44   5.31957 (22122116)
        259007.04   4026037.97   4.30278 (22122116)   259015.47
4026016.50   3.34763 (22122116)
        259045.02   4025985.76   2.66178 (22021109)   259066.14
4025976.49   2.55880 (22021109)
        259087.25   4025967.21   2.38624 (22021109)   259108.37

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4025957.94        2.29379  (18121209)
        259129.49   4025948.67        2.29561  (18121209)                259150.60
4025939.39        2.24604  (18121209)
        259171.72   4025930.12        2.14994  (18121209)                259192.84
4025920.84        2.00556  (18121209)
        259213.95   4025911.57        1.82685  (18121209)                259235.07
4025902.30        2.16909  (18120709)
        259256.19   4025893.02        2.79138  (18120709)                259277.30
4025883.75        3.40036  (18120709)
        259298.42   4025874.48        3.91690  (18120709)                259319.54
4025865.20        4.26135  (18120709)
        259340.65   4025855.93        4.39514  (18120709)                259361.77
4025846.65        4.54320  (20010209)
        259382.89   4025837.38        5.54107  (20010209)                259404.00
4025828.11        6.54752  (20010209)
        259425.12   4025818.83        7.45878  (20010209)                259446.23
4025809.56        8.18990  (20010209)
        259467.35   4025800.28        8.68424  (20010209)                259488.47
4025791.01        8.91837  (20010209)
        259509.58   4025781.74        8.85289  (20010209)                259530.70
4025772.46        8.49201  (20010209)
        259551.82   4025763.19        7.87194  (20010209)                259572.93
4025753.91        7.06405  (20010209)
        259594.05   4025744.64        6.12254  (20010209)                259615.17
4025735.37        5.12550  (20010209)
        259636.28   4025726.09        4.13498  (20010209)                259657.40
4025716.82        3.21613  (20010209)
        259678.52   4025707.55        2.65070  (21120809)                259699.63
4025698.27        2.49614  (21120809)
        259720.75   4025689.00        2.22183  (21120809)                259741.87
4025679.72        1.86198  (21120809)
        259762.98   4025670.45        2.02489  (20010210)                259784.10
4025661.18        2.11699  (20010210)
        259805.21   4025651.90        2.12212  (20010210)                259826.33
4025642.63        2.08999  (22011111)
        259847.45   4025633.35        2.42971  (22011111)                259868.56
4025624.08        2.74530  (22011111)
        259889.68   4025614.81        3.00564  (22011111)                259910.80
4025605.53        3.16251  (22011111)
        258661.32   4026918.09        8.87924  (18012309)                258661.72
4026941.45        7.22636  (18012309)
        258662.12   4026964.82        6.10721  (21122109)                258662.51
4026988.18        5.39561  (21122109)
        258662.91   4027011.54        4.56799  (21122109)                258663.31
4027034.90        3.86723  (21120616)
        258663.71   4027058.26        4.95442  (21120616)                258469.89
4026899.77        7.86888  (18012309)
        258478.42   4026878.03        9.39753  (18012309)                258486.96
4026856.29       10.77646  (18012309)
        258495.50   4026834.56       11.89838  (18012309)                258504.04
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        258615.03   4026530.25   2.72273 (22121309)   258623.57
4026508.52   2.78766 (18112609)
        258632.11   4026486.78   2.97170 (18112609)   258640.65
4026465.05   3.05493 (18112609)
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4026421.57   4.33528 (20121509)
        258666.26   4026399.84   5.30721 (20121509)   258674.80
4026378.10   6.26870 (20121509)
        258683.34   4026356.37   7.14333 (20121509)   258691.88
4026334.63   7.84354 (20121509)
        258700.42   4026312.89   8.32763 (20121509)   258708.95
4026291.16   8.54762 (20121509)
        258717.49   4026269.42   8.47275 (20121509)   258726.03
4026247.69   8.11000 (20121509)
        258734.57   4026225.95   7.48413 (20121509)   258743.11

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  259392.88 4025631.07 7.49239 (20010209) 259414.26
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  259606.69 4025537.16 2.52881 (21120809) 259628.08

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4025508.99        2.06452  (21120809)
        259692.22   4025499.60        1.73517  (21120809)                 259713.60
4025490.21        1.81109  (20010210)
        259734.98   4025480.82        1.93203  (20010210)                 259756.37
4025471.43        1.98404  (20010210)
        259777.75   4025462.04        1.96718  (20010210)                 259799.13
4025452.65        1.92303  (22011111)
        259820.51   4025443.26        2.22628  (22011111)                 259841.89
4025433.87        2.49971  (22011111)
        259863.27   4025424.48        2.72723  (22011111)                 259884.66
4025415.09        2.89007  (22011111)
        259906.04   4025405.70        2.97817  (22011111)                 258461.35
4026921.50        6.47561  (18012309)
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 616
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3B  ***
                                  INCLUDING SOURCE(S):     PHASE3B     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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4026968.23        4.96358  (18020509)
        258462.54   4026991.59        4.28252  (18020509)                 258462.94
4027014.95        3.57435  (21122109)
        258463.34   4027038.31        2.88650  (21122109)                 258463.74
4027061.67        3.63968  (21120616)
        259934.28   4026786.78       49.17995  (20010209)                 259843.61
4026789.17       35.71012  (22122116)
        259775.62   4026790.96       34.40253  (22122116)                 259910.29
4026737.40       42.56670  (20010209)
        259796.97   4026740.38       27.86007  (22122116)                 259774.30
4026740.98       29.72464  (22122116)
        259751.64   4026741.57       30.42979  (22122116)                 259930.33
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259769.04 4026541.05 18.20832 (20010209) 259746.37
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4025540.80        2.03977  (20010210)
        259742.72   4025541.39        1.96707  (20010210)                259720.06
4025541.99        1.82519  (20010210)
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        260258.41   4026984.85       56.02237  (22121609)                260257.92
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        260257.42   4026939.12       51.96412  (22121609)                260256.92
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        260256.42   4026893.39       38.36014  (21122009)                260359.39
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↑ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 617
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3B  ***
                                  INCLUDING SOURCE(S):     PHASE3B     ,

                                           *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                    **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4026982.67       41.15638  (22121609)
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4026936.94       36.62627  (22121609)
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4026891.22       22.05303  (18011209)
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        260458.37   4026980.49       32.14803  (22121609)                260457.87
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        260241.57   4026859.87   52.51719 (19121116)   259754.68
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4026370.27   7.02850 (20010209)
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4026429.38   13.76104 (20122409)
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4026455.65   22.51154 (20122409)
        260199.20   4026536.38   20.52093 (19120316)   260214.18
4026570.17   24.61729 (19120316)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3B ***
                                INCLUDING SOURCE(S):   PHASE3B   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

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4026332.35       10.52306  (20122409)
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4026357.90       18.78410  (20122409)
        260170.87   4026370.67       19.52057  (20122409)                260221.26
4026389.82       15.67736  (20122409)
        260252.61   4026429.06       18.35186  (19120316)                260267.16
4026461.92       20.79339  (19120316)
        260281.71   4026494.77       22.08992  (19120316)                260296.27
4026527.63       22.47379  (19121116)
        260310.82   4026560.48       32.19568  (19121116)                260325.38
4026593.34       39.70275  (19121116)
        260339.93   4026626.19       43.34697  (19121116)                260354.49
4026659.05       40.06295  (19121116)
        260369.04   4026691.90       32.54605  (22010709)                260383.60
4026724.76       29.72345  (22010709)
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4026790.47       23.18095  (21122009)
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4026856.18       18.56262  (18011209)
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4026011.23        5.78239  (20010209)
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        259898.31   4026069.56        2.86552  (22011111)                259932.40
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        259966.50   4026095.49        3.92451  (22011111)                260000.59
4026108.45        3.94133  (22011111)
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4026134.38        6.05608  (20122409)
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4026267.72       15.30656  (19120316)
        260397.79   4026301.06       14.09948  (19120316)                260412.56
4026334.41       14.02086  (19121116)
        260427.33   4026367.76       20.21260  (19121116)                260442.11
4026401.11       26.14743  (19121116)
        260456.88   4026434.46       30.05323  (19121116)                260471.65
4026467.81       30.79799  (19121116)
        260486.43   4026501.16       27.75578  (19121116)                260501.20
4026534.51       23.56758  (22010709)
        260515.98   4026567.86       22.75898  (22010709)                260530.75
4026601.21       18.35070  (22010709)
        260545.52   4026634.56       18.66030  (21122009)                260560.30
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4026005.34        7.67613  (20010209)
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4025824.48        2.10926  (21120809)
        259859.15   4025857.20        2.40015  (22011111)                259893.58
4025870.29        3.00947  (22011111)
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        259996.85   4025909.55        3.53492  (22011111)                260031.27
4025922.64        3.13469  (22011111)
        260065.69   4025935.73        3.52992  (22020909)                260100.12
4025948.82        5.74684  (20122409)
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4025974.99       10.77426  (20122409)
        260341.08   4026040.43        7.20825  (19120316)                260375.50
4026053.52       10.21708  (19120316)
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 619
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3B  ***
                                 INCLUDING SOURCE(S):     PHASE3B     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        260409.93   4026066.61       12.28632  (19120316)                260444.35
4026079.70       12.64895  (19120316)
        260478.78   4026092.79       11.26487  (19120316)                260520.66
4026122.71        7.76736  (19121116)
        260535.57   4026156.38       11.56312  (19121116)                260550.49
4026190.05       15.74185  (19121116)
        260565.41   4026223.72       20.08776  (19121116)                260580.32
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4026257.40 23.07512 (19121116)
260595.24 4026291.07 23.31243 (19121116) 260610.16
4026324.74 21.40267 (19121116)
260625.07 4026358.41 17.76304 (19121116) 260639.99
4026392.08 17.78432 (22010709)
260654.91 4026425.75 17.12706 (22010709) 260669.82
4026459.43 14.68924 (22010709)
260684.74 4026493.10 14.05374 (21122009) 260699.66
4026526.77 14.94022 (21122009)
260714.57 4026560.44 13.53111 (21122009) 260729.49
4026594.11 10.44856 (21122009)
260744.40 4026627.78 6.78110 (21122009) 260759.32
4026661.45 7.26249 (22120209)
260774.24 4026695.13 9.35086 (18011209) 260789.15
4026728.80 10.76615 (18011209)
260804.07 4026762.47 10.66293 (18011209) 260818.99
4026796.14 9.35877 (18011209)
260833.90 4026829.81 9.22374 (22122809) 259702.97
4025805.44 3.05642 (20010209)
259732.09 4025611.42 1.85158 (20010210) 259766.12
4025624.36 2.05047 (20010210)
259851.18 4025656.70 2.47190 (22011111) 259885.21
4025669.63 2.95542 (22011111)
259919.23 4025682.57 3.30965 (22011111) 259953.26
4025695.51 3.35555 (22011111)
259987.28 4025708.44 3.18463 (22011111) 260021.31
4025721.38 2.82639 (22011111)
260055.33 4025734.32 3.01360 (22020909) 260089.36
4025747.25 3.50467 (22020909)
260123.38 4025760.19 4.91967 (20122409) 260157.41
4025773.13 6.87198 (20122409)
260208.45 4025792.53 9.42259 (20122409) 260344.55
4025844.28 6.91071 (20122409)
260378.57 4025857.22 4.85291 (20122409) 260412.60
4025870.15 6.63563 (19120316)
260446.62 4025883.09 8.86758 (19120316) 260480.65
4025896.02 10.35350 (19120316)
260514.67 4025908.96 10.59701 (19120316) 260548.70
4025921.90 9.55271 (19120316)
260582.72 4025934.83 7.48431 (19120316) 260616.75
4025947.77 5.31996 (19121116)
260658.15 4025977.35 9.72561 (19121116) 260672.89
4026010.63 12.84298 (19121116)
260687.63 4026043.91 15.79171 (19121116) 260702.38
4026077.19 17.84592 (19121116)
260717.12 4026110.48 18.55731 (19121116) 260731.86
4026143.76 17.71278 (19121116)
260746.61 4026177.04 15.56346 (19121116) 260761.35
4026210.32 12.83578 (22010709)
260776.10 4026243.60 14.31875 (22010709) 260790.84

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4026276.89       14.17734  (22010709)
        260805.58   4026310.17       12.51789  (22010709)                 260820.33
4026343.45       10.34362  (22122309)
        260835.07   4026376.73       11.23432  (21122009)                 260849.82
4026410.01       11.97242  (21122009)
        260864.56   4026443.30       11.10649  (21122009)                 260879.30
4026476.58        9.02850  (21122009)
        260894.05   4026509.86        6.39537  (21122009)                 260908.79
4026543.14        5.38342  (22120209)
        260923.54   4026576.42        6.28064  (22120209)                 260938.28
4026609.71        6.74080  (22120209)
        260953.02   4026642.99        7.96825  (18011209)                 260967.77
4026676.27        8.81071  (18011209)
        260982.51   4026709.55        8.69827  (18011209)                 260997.26
4026742.83        7.43315  (18011209)
        261012.00   4026776.12        7.48333  (22122809)                 261026.74
4026809.40        7.53556  (22122809)
        261041.49   4026842.68        6.73643  (22122809)                 259696.59
4025605.54        2.15454  (21120809)
        259725.84   4025411.57        1.90411  (20010210)                 259760.11
4025424.60        1.95409  (20010210)
        259845.80   4025457.18        2.52845  (22011111)                 259880.07
4025470.21        2.86616  (22011111)
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***       18:20:08

                                PAGE 620
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3B  ***
                                INCLUDING SOURCE(S):     PHASE3B     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        259914.35   4025483.24        3.06430  (22011111)                 259948.62
4025496.27        3.06049  (22011111)
        259982.90   4025509.30        2.85391  (22011111)                 260017.17
4025522.34        2.48701  (22011111)
        260051.45   4025535.37        2.61601  (22020909)                 260085.72
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4025548.40        3.08182  (22020909)
        260119.99   4025561.43        3.35621  (22020909)                260154.27
4025574.46        4.58925  (20122409)
        260205.68   4025594.01        6.79095  (20122409)                260291.37
4025626.59        8.59412  (20122409)
        260342.78   4025646.13        7.40685  (20122409)                260377.05
4025659.16        5.97575  (20122409)
        260411.33   4025672.20        4.33638  (20122409)                260445.60
4025685.23        4.01469  (18020510)
        260479.88   4025698.26        5.80792  (19120316)                260514.15
4025711.29        7.55755  (19120316)
        260548.43   4025724.32        8.72242  (19120316)                260582.70
4025737.35        8.95620  (19120316)
        260616.97   4025750.38        8.18217  (19120316)                260651.25
4025763.42        6.60236  (19120316)
        260685.52   4025776.45        4.72852  (19120316)                260719.80
4025789.48        4.66057  (19121116)
        260754.07   4025802.51        7.03050  (19121116)                260795.77
4025832.30       10.79538  (19121116)
        260810.63   4025865.83       12.98739  (19121116)                260825.48
4025899.36       14.56313  (19121116)
        260840.33   4025932.88       15.21399  (19121116)                260855.18
4025966.41       14.66535  (19121116)
        260870.03   4025999.93       13.24322  (19121116)                260884.89
4026033.46       11.00804  (19121116)
        260899.74   4026066.98       10.62964  (22010709)                260914.59
4026100.51       11.71700  (22010709)
        260929.44   4026134.04       11.71412  (22010709)                260944.29
4026167.56       10.59493  (22010709)
        260959.14   4026201.09        9.04060  (22122309)                260974.00
4026234.61        8.15143  (21122009)
        260988.85   4026268.14        9.57559  (21122009)                261003.70
4026301.67        9.94137  (21122009)
        261018.55   4026335.19        9.10000  (21122009)                261033.40
4026368.72        7.41607  (21122009)
        261048.26   4026402.24        5.33716  (21122009)                261063.11
4026435.77        4.09365  (22120209)
        261077.96   4026469.29        5.05622  (22120209)                261092.81
4026502.82        5.74340  (22120209)
        261107.66   4026536.35        6.17410  (22120209)                261122.52
4026569.87        6.30737  (18011209)
        261137.37   4026603.40        7.34580  (18011209)                261152.22
4026636.92        7.48832  (18011209)
        261167.07   4026670.45        6.74972  (18011209)                261181.92
4026703.97        5.52783  (22122809)
        261196.78   4026737.50        6.28906  (22122809)                261211.63
4026771.03        6.32981  (22122809)
        261226.48   4026804.55        5.66541  (22122809)                261241.33
4026838.08        4.48733  (22122809)
        259690.21   4025405.64        1.73086  (20010210)                259694.18
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        259644.51   4026882.10       20.35780  (18121116)                259619.68
4026882.65       19.85394  (18121116)
        259643.97   4026857.11       22.48894  (20121509)                259619.13
4026857.65       19.13173  (20121509)
        259569.47   4026858.74       16.32337  (18121116)                259544.63
4026859.28       16.05797  (18121116)
        259519.80   4026859.82       15.79192  (18121116)                259470.13
4026860.91       15.40715  (18121116)
        259445.30   4026861.45       15.52877  (18012309)                259643.42
4026832.12       26.08140  (20121509)
        259618.59   4026832.66       23.04161  (20121509)                259544.09
4026834.29       14.16839  (20121509)
        259519.25   4026834.83       12.90594  (18121116)                259444.75
4026836.46       13.12586  (18121116)
        259667.71   4026806.58       30.66834  (20121509)                259642.87
4026807.12       28.03929  (20121509)
        259568.37   4026808.75       20.63554  (20121509)                259543.54
4026809.29       17.97803  (20121509)
        259469.04   4026810.92       10.67026  (20121509)                259444.21
4026811.46       10.26433  (18121116)
        259691.45   4026756.05       28.27798  (20121509)                259666.62
4026756.59       28.83061  (20121509)
        259641.78   4026757.13       28.42211  (20121509)                259592.11
4026758.22       26.42694  (20121509)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 621
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3B  ***
                                  INCLUDING SOURCE(S):     PHASE3B     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        259567.28   4026758.76       24.91822  (20121509)                259542.45
4026759.30       23.12933  (20121509)
        259492.78   4026760.39       19.03828  (20121509)                259467.95
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4026760.93       16.92271  (20121509)
        259443.11   4026761.48       14.82025  (20121509)                259690.36
4026706.06       27.08867  (22122116)
        259665.52   4026706.60       26.23136  (22122116)                259591.02
4026708.23       23.54329  (20121509)
        259566.19   4026708.77       23.70343  (20121509)                259491.69
4026710.40       21.99922  (20121509)
        259466.85   4026710.95       20.73945  (20121509)                259689.26
4026656.07       21.12076  (22122116)
        259639.60   4026657.16       23.41424  (22122116)                259614.76
4026657.70       23.24787  (22122116)
        259589.93   4026658.24       22.30348  (22122116)                259515.43
4026659.87       19.73065  (20121509)
        259490.59   4026660.41       20.25683  (20121509)                259663.34
4026606.63       15.31637  (22122116)
        259638.50   4026607.17       17.54196  (22122116)                259613.67
4026607.71       19.20882  (22122116)
        259539.17   4026609.34       20.15147  (22122116)                259514.34
4026609.88       19.20239  (22122116)
        259439.84   4026611.51       16.73465  (20121509)                259636.32
4026507.19        4.90674  (22122116)
        259611.49   4026507.74        6.68844  (22122116)                259586.65
4026508.28        8.62769  (22122116)
        259561.82   4026508.82       10.55203  (22122116)                259487.32
4026510.45       15.31363  (22122116)
        259462.48   4026510.99       16.09240  (22122116)                259634.13
4026407.22        6.34293  (20010209)
        259609.30   4026407.76        4.20869  (20010209)                259584.47
4026408.30        3.38207  (22122709)
        259559.63   4026408.85        3.46806  (22122709)                259534.80
4026409.39        3.44466  (22122116)
        259435.47   4026411.56        9.07877  (22122116)                259631.95
4026307.24       10.19531  (20010209)
        259607.12   4026307.78        7.80632  (20010209)                259582.28
4026308.33        5.67377  (20010209)
        259557.45   4026308.87        4.18690  (18120709)                259532.61
4026309.41        3.35084  (18120709)
        259507.78   4026309.96        2.74552  (22122709)                259482.95
4026310.50        2.84941  (22122709)
        259458.11   4026311.04        2.91780  (18121209)                259433.28
4026311.58        2.91301  (18121209)
        259679.43   4026206.18       14.65851  (20010209)                259654.60
4026206.72       13.90779  (20010209)
        259629.76   4026207.27       12.55874  (20010209)                259604.93
4026207.81       10.78993  (20010209)
        259580.10   4026208.35        8.83104  (20010209)                259555.26
4026208.89        6.89540  (20010209)
        259530.43   4026209.44        5.14354  (20010209)                259675.06
4026006.23        9.50463  (20010209)
        259650.23   4026006.77       10.49017  (20010209)                259625.39
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4026007.31   11.07516 (20010209)
        259600.56   4026007.86   11.29596 (20010209)   259575.73
4026008.40   11.06785 (20010209)
        259550.89   4026008.94   10.39872 (20010209)   259526.06
4026009.48   9.37817 (20010209)
        259670.69   4025806.28   4.35624 (20010209)   259645.86
4025806.82   5.42414 (20010209)
        259621.02   4025807.36   6.47405 (20010209)   259596.19
4025807.90   7.44203 (20010209)
        259571.36   4025808.45   8.24483 (20010209)   259546.52
4025808.99   8.81614 (20010209)
        259521.69   4025809.53   9.10555 (20010209)   259666.32
4025606.32   2.46614 (21120809)
        259641.49   4025606.87   2.58257 (21120809)   259616.65
4025607.41   2.86655 (20010209)
        259591.82   4025607.95   3.62039 (20010209)   259566.99
4025608.49   4.43928 (20010209)
        259542.15   4025609.04   5.25675 (20010209)   259517.32
4025609.58   6.02033 (20010209)
        259661.95   4025406.37   1.75475 (21120809)   259637.12
4025406.91   2.06934 (21120809)
        259612.29   4025407.46   2.30279 (21120809)   259587.45
4025408.00   2.42659 (21120809)
        259562.62   4025408.54   2.44250 (21120809)   259537.78
4025409.08   2.54556 (18020109)
        259512.95   4025409.63   3.09744 (20010209)   259488.12
4025410.17   3.72840 (20010209)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B ***
                                 INCLUDING SOURCE(S):   PHASE3B   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
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- -
        259463.28   4025410.71   4.36542 (20010209)   259438.45

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4025411.26        4.97047  (20010209)
        259413.62   4025411.80        5.51378  (20010209)                259422.19
4026953.67       16.52811  (18012309)
        259422.99   4026995.42       14.04689  (21122109)                259396.80
4026933.27       17.48144  (18012309)
        259397.59   4026975.02       14.34851  (21122109)                259398.39
4027016.78       14.94198  (21120616)
        259409.77   4026851.82       14.99467  (18012309)                259317.30
4026860.93       16.42538  (18012309)
        259331.22   4026825.36       13.17838  (18012309)                259355.67
4026799.88        9.91029  (18012309)
        259296.82   4026935.18       16.09747  (18012309)                259297.61
4026976.93       12.39510  (21122109)
        259298.41   4027018.68       11.90616  (21120616)                259354.57
4026749.90        9.57579  (20121509)
        259389.55   4026734.53       13.66030  (20121509)                259217.31
4026862.84       16.40503  (18012309)
        259231.23   4026827.26       14.51698  (18012309)                259245.15
4026791.69       10.76593  (18012309)
        259259.07   4026756.11        6.44542  (18012309)                259283.52
4026730.64        7.26276  (20121509)
        259370.97   4026692.23       16.20502  (20121509)                259405.95
4026676.86       18.89760  (20121509)
        259196.83   4026937.09       14.06963  (18012309)                259197.63
4026978.84       10.71499  (21122109)
        259198.43   4027020.59        9.54661  (21120616)                259169.22
4026858.94       16.19299  (18012309)
        259184.41   4026820.13       14.03846  (18012309)                259199.59
4026781.32       10.27584  (18012309)
        259214.78   4026742.51        5.91680  (20011009)                259249.04
4026695.31        8.60938  (20121509)
        259287.20   4026678.55       12.22842  (20121509)                259325.36
4026661.79       15.63761  (20121509)
        259401.68   4026628.27       18.44847  (20121509)                259146.84
4026938.04       13.48991  (18012309)
        259147.64   4026979.79       10.08025  (21122109)                259148.44
4027021.55        8.79429  (21120616)
        259213.78   4026609.86       13.19412  (20121509)                259251.10
4026593.47       15.12907  (20121509)
        259288.41   4026577.09       15.83925  (20121509)                259325.72
4026560.70       15.02212  (20121509)
        259363.03   4026544.31       13.19786  (22122116)                258968.46
4026864.80       14.93462  (18012309)
        258983.11   4026827.35       14.66726  (18012309)                258997.76
4026789.90       12.61726  (18012309)
        259012.42   4026752.45        9.39763  (18012309)                259027.07
4026715.00        5.88690  (18012309)
        259041.72   4026677.55        4.11611  (20011009)                259056.37
4026640.10        4.58827  (20121509)
        259071.02   4026602.65        7.42101  (20121509)                259104.09
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4026557.11   11.42427 (20121509)
        259140.91   4026540.94   13.17367 (20121509)   259177.73
4026524.76   13.92620 (20121509)
        259251.37   4026492.42   11.62189 (20121509)   259288.19
4026476.25   12.81481 (22122116)
        259325.01   4026460.08   14.74264 (22122116)   259361.83
4026443.90   14.16479 (22122116)
        259398.65   4026427.73   12.27932 (22122116)   258946.88
4026941.86   10.38766 (18012309)
        258947.68   4026983.61   7.68105 (21122109)   258948.47
4027025.36   5.96304 (21120616)
        259070.77   4026470.81   12.30037 (20121509)   259108.93
4026454.05   11.90840 (20121509)
        259147.09   4026437.29   10.47367 (20121509)   259185.25
4026420.53   10.15829 (22122116)
        259223.41   4026403.76   12.07649 (22122116)   259299.72
4026370.24   11.74912 (22122116)
        259337.88   4026353.48   9.38588 (22122116)   259376.04
4026336.72   6.36875 (22122116)
        258754.01   4026905.64   10.61745 (18012309)   258769.00
4026867.32   12.79230 (18012309)
        258783.99   4026829.01   13.86827 (18012309)   258798.98
4026790.69   13.46420 (18012309)
        258813.97   4026752.38   11.32113 (18012309)   258828.96
4026714.06   8.22237 (18012309)
        258843.95   4026675.75   5.19785 (18012309)   258858.94
4026637.43   3.76795 (22121309)
        258873.93   4026599.12   3.08002 (18112609)   258888.92
4026560.80   3.96371 (20121509)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B ***
                                 INCLUDING SOURCE(S):   PHASE3B   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -

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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        258903.91   4026522.49        6.23686  (20121509)                258918.90
4026484.17        8.53487  (20121509)
        258933.90   4026445.86       10.19785  (20121509)                258960.23
4026418.42       10.93808  (20121509)
        258997.89   4026401.88       10.79829  (20121509)                259035.56
4026385.33        9.78590  (20121509)
        259110.90   4026352.24        9.81374  (22122116)                259148.57
4026335.70       11.21308  (22122116)
        259186.24   4026319.15       11.41463  (22122116)                259223.91
4026302.61       10.26803  (22122116)
        259261.58   4026286.06        8.09236  (22122116)                259299.25
4026269.52        5.52111  (22122116)
        258746.92   4026945.67        7.64660  (18012309)                258747.71
4026987.42        5.95571  (21122109)
        258748.51   4027029.18        4.32491  (21122109)                258554.15
4026909.20        8.17579  (18012309)
        258569.33   4026870.39       10.77998  (18012309)                258584.52
4026831.58       12.25226  (18012309)
        258599.70   4026792.76       12.92777  (18012309)                258614.89
4026753.95       12.34276  (18012309)
        258630.07   4026715.14       10.07212  (18012309)                258645.26
4026676.33        7.47364  (18012309)
        258660.44   4026637.51        4.79780  (18012309)                258675.63
4026598.70        3.73704  (22121309)
        258690.81   4026559.89        2.95885  (22121309)                258706.00
4026521.08        3.02386  (18112609)
        258721.18   4026482.26        3.43079  (20121509)                258736.36
4026443.45        5.25008  (20121509)
        258751.55   4026404.64        7.12242  (20121509)                258766.73
4026365.83        8.56048  (20121509)
        258781.92   4026327.01        9.12179  (20121509)                258816.18
4026279.82        8.33397  (20121509)
        258854.34   4026263.06        7.24275  (20121509)                258892.50
4026246.30        6.09940  (22122116)
        258968.82   4026212.78        9.04789  (22122116)                259006.98
4026196.02        9.42804  (22122116)
        259045.14   4026179.26        8.84820  (22122116)                259083.30
4026162.50        7.42804  (22122116)
        259121.45   4026145.74        5.52775  (22122116)                259159.61
4026128.98        3.60345  (22122116)
        258546.95   4026949.49        5.75704  (21122109)                258547.75
4026991.24        4.67348  (21122109)
        258548.55   4027032.99        3.33011  (21122109)                258354.06
4026913.33        6.41453  (18012309)
        258369.00   4026875.15        8.56886  (18012309)                258383.94
4026836.97       10.22481  (18012309)
        258398.87   4026798.79       11.98088  (18012309)                258413.81
4026760.61       12.89517  (18012309)
        258428.75   4026722.43       11.87405  (18012309)                258443.69
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4026684.24       10.04172  (18012309)
        258458.63   4026646.06        7.53943  (18012309)                258473.56
4026607.88        5.11954  (18012309)
        258488.50   4026569.70        3.81738  (22121309)                258503.44
4026531.52        3.25974  (22121309)
        258518.38   4026493.34        2.48053  (22121309)                258533.31
4026455.15        2.86838  (18112609)
        258548.25   4026416.97        2.99486  (18112609)                258563.19
4026378.79        3.95872  (20121509)
        258578.13   4026340.61        5.48877  (20121509)                258593.07
4026302.43        6.85781  (20121509)
        258608.00   4026264.25        7.71019  (20121509)                258622.94
4026226.07        7.89074  (20121509)
        258637.88   4026187.88        7.31066  (20121509)                258671.59
4026141.46        5.58991  (20121509)
        258709.13   4026124.97        4.91973  (22122116)                258746.66
4026108.48        6.24344  (22122116)
        258821.74   4026075.51        7.81328  (22122116)                258859.28
4026059.02        7.69693  (22122116)
        258896.82   4026042.53        6.93234  (22122116)                258934.36
4026026.04        5.64882  (22122116)
        258971.90   4026009.56        4.16606  (22122116)                259009.43
4025993.07        2.76429  (22122116)
        258346.99   4026953.30        5.13014  (18020509)                258347.79
4026995.05        3.93247  (18020509)
        258348.58   4027036.81        2.65500  (18020509)                258154.17
4026916.97        5.22618  (18020509)
        258169.25   4026878.43        6.82626  (18012309)                258184.33
4026839.88        8.93612  (18012309)
        258199.40   4026801.34       10.53637  (18012309)                258214.48
4026762.80       11.47391  (18012309)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 624
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3B  ***
                                 INCLUDING SOURCE(S):     PHASE3B     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)        CONC     (YYMMDDHH)
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4026338.46        2.52748  (18112609)
        258197.21   4026299.65        2.71331  (18112609)                258212.40
4026260.83        2.63172  (18112609)
        258227.58   4026222.02        3.05467  (20121509)                258242.77
4026183.21        4.14364  (20121509)
        258257.95   4026144.40        5.14339  (20121509)                258273.14
4026105.58        5.87713  (20121509)
        258288.32   4026066.77        6.16951  (20121509)                258303.51
4026027.96        5.94629  (20121509)
        258318.69   4025989.14        5.31903  (20121509)                258333.88
4025950.33        4.37830  (20121509)
        258349.06   4025911.52        3.31436  (20121509)                258383.33
4025864.33        4.37845  (22122116)
        258421.49   4025847.57        5.15177  (22122116)                258459.64
4025830.81        5.69479  (22122116)
        258497.80   4025814.05        5.87307  (22122116)                258535.96
4025797.28        5.64782  (22122116)
        258574.12   4025780.52        5.05664  (22122116)                258612.28
4025763.76        4.18715  (22122116)
        258650.44   4025747.00        3.19839  (22122116)                258688.60
4025730.24        2.25264  (22021109)
        258726.76   4025713.48        2.34703  (22021109)                258764.92
4025696.72        2.26900  (22021109)
        258803.07   4025679.96        2.06037  (22021109)                258841.23
4025663.20        1.96903  (18121209)
        258879.39   4025646.44        1.94637  (18121209)                258917.55
4025629.68        1.81665  (18121209)
        258955.71   4025612.92        1.60859  (18121209)                258993.87
4025596.16        1.35564  (18120709)
        259032.03   4025579.40        2.17184  (18120709)                259070.19
4025562.64        3.01814  (18120709)
        259108.35   4025545.88        3.63158  (18120709)                259146.50
4025529.12        3.83281  (18120709)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 625
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3B  ***
                                 INCLUDING SOURCE(S):     PHASE3B     ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
259184.66	4025512.36	3.50880	(18120709)	259222.82	4025495.60	4.55985	(20010209)
259260.98	4025478.84	5.61244	(20010209)	259299.14	4025462.08	6.34461	(20010209)
259337.30	4025445.32	6.59713	(20010209)	259375.46	4025428.56	6.28836	(20010209)
257947.06	4026960.93	4.01309	(18020509)	257947.86	4027002.69	2.98354	(18020509)
257948.65	4027044.44	1.97495	(18020509)	259440.80	4026786.83	11.51927	(20121509)
259379.45	4026788.79	8.11628	(18121116)	259436.01	4026636.90	18.92226	(20121509)
259432.81	4026536.95	16.81543	(22122116)	259426.43	4026337.06	4.02120	(22122116)
259420.04	4026137.16	3.18825	(18120709)	259379.14	4026138.47	2.29168	(18121209)
259413.66	4025937.26	5.12759	(20010209)	259372.76	4025938.57	4.40744	(18120709)
259407.27	4025737.36	7.49866	(20010209)	259366.37	4025738.67	6.24341	(20010209)
259400.88	4025537.46	7.06653	(20010209)	259359.98	4025538.77	7.01083	(20010209)
259359.62	4026838.10	14.20644	(18012309)	259400.71	4026338.79	5.30551	(22122116)
259330.90	4027040.02	15.14734	(21120616)	259334.08	4027080.58	18.02199	(21120616)
259338.10	4026995.92	12.31805	(21122109)	259305.97	4027041.98	14.56685	(21120616)
259309.16	4027082.54	17.42289	(21120616)	259338.57	4026970.92	13.52644	(18012309)
259282.64	4027064.21	15.70207	(21120616)	259285.83	4027104.77	17.39092	(21120616)
259320.38	4026953.78	14.81904	(18012309)	259259.31	4027086.45	16.30217	(21120616)
259219.74	4027011.60	9.35640	(21122109)	259233.19	4026973.40	11.41356	(21122109)
259206.28	4027049.81	12.43205	(21120616)	259209.47	4027090.37	15.13420	(21120616)
259176.62	4026996.42	9.68048	(21122109)	259156.43	4027053.73	11.78237	(21120616)
259159.62	4027094.29	14.32698	(21120616)	259113.32	4027038.54	9.60497	(21120616)
259126.77	4027000.33	8.87273	(21122109)	259192.54	4026858.76	16.21016	(18012309)
259267.22	4026827.36	14.24050	(18012309)	259108.18			

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4027077.92       12.38736  (21120616)
        259111.37   4027118.48       13.99739  (21120616)                259090.38
4026966.04        9.98526  (18012309)
        259103.84   4026927.84       13.69162  (18012309)                259117.29
4026889.63       15.88092  (18012309)
        259130.75   4026851.43       15.83182  (18012309)                259156.15
4026824.47       14.77093  (18012309)
        259212.16   4026800.92       12.15428  (18012309)                259268.17
4026777.37        8.73168  (18012309)
        259058.33   4027081.84       11.61772  (21120616)                259061.52
4027122.40       13.33915  (21120616)
        258963.78   4027050.29        7.86188  (21120616)                258977.23
4027012.08        6.65463  (21122109)
        258990.69   4026973.88        8.48081  (21122109)                259004.15
4026935.67       11.58473  (18012309)
        259031.06   4026859.26       15.25916  (18012309)                259044.51
4026821.05       14.34094  (18012309)
        259057.97   4026782.85       11.58302  (18012309)                259083.37
4026755.89        8.78202  (18012309)
        259176.72   4026716.64        4.98058  (20011009)                259214.06
4026700.94        6.43455  (20121509)
        258958.64   4027089.67       10.31211  (21120616)                258961.83
4027130.23       12.09298  (21120616)
        258884.27   4027000.81        6.43221  (21122109)                258897.72
4026962.61        7.93056  (21122109)
        258911.18   4026924.40       11.45359  (18012309)                258924.64
4026886.19       14.18450  (18012309)
        258938.09   4026847.99       15.29625  (18012309)                258951.55
4026809.78       14.19046  (18012309)
        258965.01   4026771.58       11.65727  (18012309)                258978.46
4026733.37        8.17691  (18012309)
        259010.59   4026687.32        4.57918  (20011009)                259066.60
4026663.76        3.61231  (20121509)
        259103.94   4026648.06        5.73581  (20121509)                259141.27
4026632.36        8.36326  (20121509)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 626
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3B  ***
                                 INCLUDING SOURCE(S):     PHASE3B     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
258857.36	4027077.22	8.13983	(21120616)	258860.54	4027117.78	10.23319	(21120616)
258764.39	4027065.95	6.34198	(21120616)	258777.85	4027027.75	4.53475	(21122109)
258791.30	4026989.54	6.18581	(21122109)	258804.76	4026951.34	7.85745	(18012309)
258818.22	4026913.13	11.10126	(18012309)	258831.67	4026874.92	13.33605	(18012309)
258845.13	4026836.72	14.63756	(18012309)	258858.59	4026798.51	13.93669	(18012309)
258872.04	4026760.31	11.51588	(18012309)	258885.50	4026722.10	8.35132	(18012309)
258898.95	4026683.90	5.36712	(18012309)	258912.41	4026645.69	3.83512	(22121309)
258937.81	4026618.74	3.23688	(18112609)	259012.49	4026587.33	6.21863	(20121509)
259049.83	4026571.63	8.52763	(20121509)	258759.26	4027105.34	8.30718	(21120616)
258762.44	4027145.90	9.86813	(21120616)	258684.88	4027016.48	4.50076	(21122109)
258698.34	4026978.27	5.94582	(21122109)	258711.80	4026940.07	7.80630	(18012309)
258725.25	4026901.86	10.51234	(18012309)	258738.71	4026863.65	12.64133	(18012309)
258752.16	4026825.45	13.65470	(18012309)	258765.62	4026787.24	13.15516	(18012309)
258779.08	4026749.04	11.31840	(18012309)	258792.53	4026710.83	8.41504	(18012309)
258805.99	4026672.63	5.44557	(18012309)	258819.45	4026634.42	3.87210	(22121309)
258832.90	4026596.21	3.07227	(22121309)	258865.03	4026550.16	3.86169	(20121509)
258939.71	4026518.75	7.55067	(20121509)	258977.05	4026503.05	9.48717	(20121509)
258657.97	4027092.89	6.54625	(21120616)	258661.16	4027133.45	8.28568	(21120616)
258465.31	4027089.45	4.72215	(21120616)	258485.50	4027032.14	3.13512	(21122109)
258498.95	4026993.94	4.34579	(21122109)	258512.41	4026955.73	5.42105	(21122109)
258525.87	4026917.52	7.26157	(18012309)	258539.32	4026879.32	9.72151	(18012309)
258552.78	4026841.11	11.71401	(18012309)	258566.24			

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4026802.91       12.57909  (18012309)
        258579.69   4026764.70       12.53449  (18012309)                258593.15
4026726.50       11.12101  (18012309)
        258606.60   4026688.29        8.75485  (18012309)                258620.06
4026650.09        6.06468  (18012309)
        258633.52   4026611.88        3.98151  (22121309)                258646.97
4026573.67        3.41662  (22121309)
        258660.43   4026535.47        2.66856  (18112609)                258673.89
4026497.26        3.05205  (18112609)
        258687.34   4026459.06        3.59392  (20121509)                258719.47
4026413.00        6.05157  (20121509)
        258775.48   4026389.45        8.17451  (20121509)                258812.82
4026373.75        9.23647  (20121509)
        258850.15   4026358.04        9.77044  (20121509)                258924.83
4026326.64        8.84199  (20121509)
        258962.17   4026310.94        7.47815  (20121509)                258999.51
4026295.24        7.89914  (22122116)
        259036.85   4026279.54        9.48108  (22122116)                259074.19
4026263.84       10.30767  (22122116)
        259167.54   4026224.58        7.93916  (22122116)                259204.87
4026208.88        5.81336  (22122116)
        259242.21   4026193.18        3.73179  (22122116)                259279.55
4026177.48        2.81712  (22021109)
        259316.89   4026161.77        2.63440  (18121209)                259354.23
4026146.07        2.49372  (18121209)
        258460.18   4027128.83        6.16464  (21120616)                258463.36
4027169.39        7.40421  (21120616)
        258265.93   4027105.12        4.06691  (20011010)                258279.38
4027066.91        3.05626  (20011010)
        258292.84   4027028.70        2.81771  (18020509)                258306.30
4026990.50        3.97549  (18020509)
        258319.75   4026952.29        5.04259  (18020509)                258339.94
4026894.98        7.33850  (18012309)
        258353.39   4026856.78        9.39214  (18012309)                258366.85
4026818.57       10.98396  (18012309)
        258380.31   4026780.37       12.40474  (18012309)                258393.76
4026742.16       12.59276  (18012309)
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                  PAGE 627
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3B  ***
                                  INCLUDING SOURCE(S):     PHASE3B     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
```

***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
258407.22	4026703.96	11.28612	(18012309)	258420.67	4026665.75	9.14084	(18012309)
258434.13	4026627.54	6.54984	(18012309)	258447.59	4026589.34	4.22690	(18012309)
258461.04	4026551.13	3.64949	(22121309)	258474.50	4026512.93	3.04146	(22121309)
258487.96	4026474.72	2.52731	(18112609)	258501.41	4026436.52	2.86866	(18112609)
258514.87	4026398.31	2.95748	(18112609)	258528.33	4026360.11	3.92683	(20121509)
258541.78	4026321.90	5.36374	(20121509)	258573.91	4026275.84	7.08333	(20121509)
258629.92	4026252.29	8.00336	(20121509)	258667.25	4026236.59	8.06855	(20121509)
258704.59	4026220.89	7.64099	(20121509)	258779.27	4026189.48	5.53928	(20121509)
258816.61	4026173.78	6.22907	(22122116)	258853.95	4026158.08	7.57491	(22122116)
258891.29	4026142.38	8.43990	(22122116)	258928.63	4026126.68	8.58610	(22122116)
259021.98	4026087.42	5.83299	(22122116)	259059.31	4026071.72	4.16917	(22122116)
259096.65	4026056.02	2.77479	(22021109)	259133.99	4026040.32	2.60979	(22021109)
259171.33	4026024.62	2.37634	(18121209)	259208.67	4026008.92	2.34036	(18121209)
259246.01	4025993.21	2.13240	(18121209)	259283.35	4025977.51	2.19245	(18120709)
259320.69	4025961.81	3.34017	(18120709)	258260.79	4027144.50	5.16267	(21120616)
258263.98	4027185.06	6.24394	(21120616)	258066.54	4027120.78	3.79589	(20011010)
258080.00	4027082.57	2.88466	(20011010)	258093.45	4027044.37	2.14540	(18020509)
258106.91	4027006.16	3.13228	(18020509)	258120.37	4026967.96	4.10166	(18020509)
258133.82	4026929.75	4.92288	(18020509)	258147.28	4026891.55	5.91136	(18012309)
258160.74	4026853.34	8.11851	(18012309)	258174.19	4026815.14	9.86941	(18012309)
258187.65	4026776.93	10.90081	(18012309)	258201.10			

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4026738.72       11.64481  (18012309)
        258214.56   4026700.52       11.12178  (18012309)                258228.02
4026662.31        9.66696  (18012309)
        258241.47   4026624.11        7.82174  (18012309)                258254.93
4026585.90        5.72489  (18012309)
        258268.39   4026547.70        3.83229  (18012309)                258281.84
4026509.49        3.53307  (22121309)
        258295.30   4026471.28        3.01263  (22121309)                258308.76
4026433.08        2.34734  (22121309)
        258322.21   4026394.87        2.59308  (18112609)                258335.67
4026356.67        2.80420  (18112609)
        258349.12   4026318.46        2.78476  (18112609)                258362.58
4026280.26        3.51130  (20121509)
        258376.04   4026242.05        4.70328  (20121509)                258389.49
4026203.84        5.78142  (20121509)
        258402.95   4026165.64        6.52184  (20121509)                258428.35
4026138.69        6.82537  (20121509)
        258503.02   4026107.28        6.44630  (20121509)                258540.36
4026091.58        5.73494  (20121509)
        258577.70   4026075.88        4.81286  (20121509)                258615.04
4026060.18        4.48961  (22122116)
        258652.38   4026044.48        5.66134  (22122116)                258689.72
4026028.77        6.62770  (22122116)
        258727.06   4026013.07        7.21520  (22122116)                258764.40
4025997.37        7.23947  (22122116)
        258801.74   4025981.67        6.64909  (22122116)                258876.41
4025950.27        4.38414  (22122116)
        258913.75   4025934.56        3.11307  (22122116)                258951.09
4025918.86        2.58252  (22021109)
        258988.43   4025903.16        2.47544  (22021109)                259025.77
4025887.46        2.18260  (22021109)
        259063.11   4025871.76        2.20331  (18121209)                259100.45
4025856.06        2.08975  (18121209)
        259137.79   4025840.35        1.85198  (18121209)                259175.13
4025824.65        1.92907  (18120709)
        259212.47   4025808.95        2.94633  (18120709)                259249.80
4025793.25        3.83326  (18120709)
        259287.14   4025777.55        4.23848  (18120709)                259324.48
4025761.85        4.45090  (20010209)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                PAGE 628
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3B  ***
                                INCLUDING SOURCE(S):     PHASE3B     ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
258061.41	4027160.16	4.65021	(20011010)	258064.59	4027200.72	5.33442	(20011010)
257867.16	4027136.45	3.46573	(20011010)	257880.61	4027098.24	2.67832	(20011010)
257894.07	4027060.03	1.95752	(20011010)	257907.53	4027021.83	2.44494	(18020509)
257920.98	4026983.62	3.42404	(18020509)	258008.45	4026735.29	11.14963	(18012309)
258021.90	4026697.08	11.14703	(18012309)	258035.36	4026658.87	10.27820	(18012309)
258048.82	4026620.67	8.97268	(18012309)	258062.27	4026582.46	7.07498	(18012309)
258075.73	4026544.26	5.07041	(18012309)	258089.19	4026506.05	3.56901	(22121309)
258102.64	4026467.85	3.40221	(22121309)	258116.10	4026429.64	2.96567	(22121309)
258129.55	4026391.44	2.37176	(22121309)	258143.01	4026353.23	2.27610	(18112609)
258156.47	4026315.02	2.58654	(18112609)	258169.92	4026276.82	2.68964	(18112609)
258183.38	4026238.61	2.61492	(20121109)	258196.84	4026200.41	3.14297	(20121509)
258210.29	4026162.20	4.16517	(20121509)	258223.75	4026124.00	5.08258	(20121509)
258237.20	4026085.79	5.74431	(20121509)	258250.66	4026047.58	6.01673	(20121509)
258282.79	4026001.53	5.69998	(20121509)	258338.79	4025977.98	4.94289	(20121509)
258376.13	4025962.27	4.20782	(20121509)	258413.47	4025946.57	3.40576	(20121509)
258450.81	4025930.87	4.23823	(22122116)	258488.15	4025915.17	5.13510	(22122116)
258525.49	4025899.47	5.85879	(22122116)	258562.83	4025883.77	6.25282	(22122116)
258600.17	4025868.06	6.24110	(22122116)	258637.51	4025852.36	5.78173	(22122116)
258674.85	4025836.66	4.96667	(22122116)	258712.18	4025820.96	3.94639	(22122116)
258749.52	4025805.26	2.89532	(22122116)	258786.86			

4025789.56 2.39341 (22021109)
  258824.20 4025773.85 2.41769 (22021109) 258861.54
4025758.15 2.25726 (22021109)
  258898.88 4025742.45 2.03996 (18121209) 258936.22
4025726.75 2.04966 (18121209)
  258973.56 4025711.05 1.94261 (18121209) 259010.90
4025695.35 1.74496 (18121209)
  259048.24 4025679.64 1.48119 (18121209) 259085.57
4025663.94 2.19111 (18120709)
  259122.91 4025648.24 3.08028 (18120709) 259160.25
4025632.54 3.78027 (18120709)
  259197.59 4025616.84 4.05498 (18120709) 259234.93
4025601.14 3.75524 (20010209)
  259272.27 4025585.44 4.99493 (20010209) 259309.61
4025569.73 6.13366 (20010209)
  257862.02 4027175.83 4.36493 (20011010) 257865.21
4027216.39 5.07097 (20011010)
  259335.94 4027123.45 18.19598 (21120616) 259336.28
4027147.64 16.95218 (21120616)
  259336.62 4027171.84 14.83544 (21120616) 259336.96
4027196.03 11.89148 (21120616)
  259337.30 4027220.23 10.66764 (22122109) 259337.64
4027244.43 10.17403 (18121909)
  259337.98 4027268.62 11.77268 (18121909) 259310.94
4027123.80 17.71000 (21120616)
  259311.28 4027147.99 16.56242 (21120616) 259311.62
4027172.19 14.55446 (21120616)
  259311.96 4027196.39 12.04224 (21120616) 259312.30
4027220.58 10.62931 (22122109)
  259312.64 4027244.78 9.55296 (22122109) 259312.98
4027268.97 10.83970 (18121909)
  259286.29 4027148.35 16.16982 (21120616) 259286.63
4027172.54 14.43885 (21120616)
  259286.97 4027196.74 12.16902 (21120616) 259287.31
4027220.93 10.54366 (22122109)
  259287.65 4027245.13 9.65451 (22122109) 259287.99
4027269.32 9.91272 (18121909)
  259260.95 4027124.50 16.75385 (21120616) 259261.29
4027148.70 15.87231 (21120616)
  259261.63 4027172.89 14.30463 (21120616) 259261.97
4027197.09 12.19155 (21120616)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION

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VALUES FOR SOURCE GROUP:  PHASE3B  ***
                                INCLUDING SOURCE(S):     PHASE3B     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        259262.31   4027221.28       10.40523  (22122109)                259262.65
4027245.48        9.65888  (22122109)
        259262.99   4027269.68        8.93126  (18121909)                259210.95
4027125.20       15.80220  (21120616)
        259211.29   4027149.40       15.27116  (21120616)                259211.63
4027173.59       14.00059  (21120616)
        259211.97   4027197.79       12.18496  (21120616)                259212.31
4027221.99        9.96299  (22122109)
        259212.65   4027246.18        9.51340  (22122109)                259212.99
4027270.38        8.56779  (22122109)
        259160.96   4027125.91       14.96389  (21120616)                259161.30
4027150.10       14.69551  (21120616)
        259161.64   4027174.30       13.73449  (21120616)                259161.98
4027198.49       12.11818  (21120616)
        259162.32   4027222.69       10.05641  (21120616)                259162.66
4027246.88        9.24167  (22122109)
        259163.00   4027271.08        8.58062  (22122109)                259111.30
4027150.80       13.96656  (21120616)
        259111.64   4027175.00       13.28565  (21120616)                259111.98
4027199.20       11.98836  (21120616)
        259112.32   4027223.39       10.16910  (21120616)                259112.66
4027247.59        8.93361  (22122109)
        259113.00   4027271.78        8.52591  (22122109)                259061.31
4027151.51       13.51274  (21120616)
        259061.65   4027175.70       12.96592  (21120616)                259061.99
4027199.90       11.81660  (21120616)
        259062.33   4027224.09       10.22102  (21120616)                259062.67
4027248.29        8.52482  (22122109)
        259063.01   4027272.49        8.34625  (22122109)                258961.32
4027152.91       12.39354  (21120616)
        258961.66   4027177.11       12.15333  (21120616)                258962.00
4027201.30       11.40819  (21120616)
        258962.34   4027225.50       10.21907  (21120616)                258962.68
4027249.69        8.73859  (21120616)
        258963.02   4027273.89        7.80562  (22122109)                258861.33
4027154.32       11.18121  (21120616)
        258861.67   4027178.51       11.23034  (21120616)                258862.01
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4027202.71       10.83319  (21120616)
        258862.35   4027226.90       10.04479  (21120616)                258862.69
4027251.10        8.87109  (21120616)
        258863.03   4027275.30        7.47771  (21120616)                258761.68
4027179.92       10.35816  (21120616)
        258762.02   4027204.11       10.22046  (21120616)                258762.36
4027228.31        9.68230  (21120616)
        258762.70   4027252.50        8.80179  (21120616)                258763.04
4027276.70        7.67381  (21120616)
        258661.35   4027157.13        9.00230  (21120616)                258661.69
4027181.32        9.42274  (21120616)
        258662.03   4027205.52        9.49152  (21120616)                258662.37
4027229.71        9.20459  (21120616)
        258662.71   4027253.91        8.60394  (21120616)                258663.05
4027278.11        7.72249  (21120616)
        258462.05   4027208.33        7.97831  (21120616)                258462.39
4027232.52        8.01454  (21120616)
        258462.73   4027256.72        7.84033  (21120616)                258463.07
4027280.92        7.42027  (21120616)
        258262.07   4027211.14        6.70076  (21120616)                258262.41
4027235.33        6.96279  (21120616)
        258262.75   4027259.53        7.01965  (21120616)                258263.09
4027283.73        6.91041  (21120616)
        258062.43   4027238.14        5.93056  (21120616)                258062.77
4027262.34        6.12978  (21120616)
        258063.11   4027286.54        6.16292  (21120616)                257862.45
4027240.95        5.32935  (20011010)
        257862.79   4027265.15        5.46328  (20011010)                257863.13
4027289.35        5.48485  (21120616)
        259338.18   4027292.34       12.95158  (18121909)                259338.38
4027316.19       13.56272  (18121909)
        259338.58   4027340.05       13.43364  (18121909)                259313.18
4027292.55       12.16883  (18121909)
        259313.38   4027316.40       12.99998  (18121909)                259313.58
4027340.26       13.19360  (18121909)
        259288.18   4027292.76       11.23931  (18121909)                259288.38
4027316.61       12.23842  (18121909)
        259288.58   4027340.47       12.75700  (18121909)                259263.18
4027292.96       10.34360  (18121909)
        259263.38   4027316.82       11.46290  (18121909)                259263.58
4027340.68       12.22110  (18121909)
        259213.19   4027293.38        8.60277  (18121909)                259213.39
4027317.24        9.97636  (18121909)
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 630
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3B ***
INCLUDING SOURCE(S): PHASE3B ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
259213.59	4027341.10	11.00167	(18121909)	259163.19	4027293.80	7.83096	(18012609)
259163.39	4027317.66	8.36659	(18121909)	259163.59	4027341.52	9.62221	(18121909)
259113.19	4027294.22	7.77340	(22122109)	259113.39	4027318.08	7.69584	(18012609)
259113.59	4027341.94	8.06357	(18121909)	259063.39	4027318.50	7.56864	(18012609)
259063.59	4027342.35	7.58066	(18012609)	258963.39	4027319.34	7.18045	(22122109)
258963.59	4027343.19	7.40516	(18012609)	258863.40	4027320.17	7.00051	(22122109)
258863.60	4027344.03	6.63711	(18012609)	258763.40	4027321.01	6.51421	(22122109)
258763.60	4027344.87	6.40291	(22122109)	258663.40	4027321.85	5.84512	(22122109)
258663.60	4027345.71	6.00054	(22122109)	258463.41	4027323.53	6.17462	(21120616)
258463.61	4027347.38	5.30037	(21120616)	258263.42	4027325.20	6.22351	(21120616)
258263.62	4027349.06	5.61937	(21120616)	258063.43	4027326.88	5.87895	(21120616)
258063.63	4027350.74	5.50559	(21120616)	257863.43	4027328.56	5.47056	(21120616)
257863.63	4027352.41	5.30306	(21120616)	259339.22	4027365.21	13.47592	(22121909)
259339.86	4027389.95	14.54669	(22121909)	259340.50	4027414.68	14.93500	(22121909)
259341.13	4027439.41	14.58489	(22121909)	259341.77	4027464.14	13.49968	(22121909)
259342.40	4027488.87	12.79139	(22122209)	259343.04	4027513.60	12.75566	(22122209)
259343.68	4027538.33	12.13745	(22122209)	259344.31	4027563.06	11.01727	(22122209)
259344.95	4027587.80	9.56563	(21011109)	259345.58			

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4027612.53        9.82093  (21011109)
        259346.22   4027637.26       10.77154  (22122216)                259346.86
4027661.99       11.96768  (22122216)
        259347.49   4027686.72       12.84179  (22122216)                259348.13
4027711.45       13.27303  (22122216)
        259314.23   4027365.86       12.60648  (18121909)                259314.87
4027390.59       13.62791  (22121909)
        259315.50   4027415.32       14.35550  (22121909)                259316.14
4027440.05       14.38023  (22121909)
        259316.78   4027464.78       13.71008  (22121909)                259317.41
4027489.51       12.41448  (22121909)
        259318.05   4027514.24       12.40684  (22122209)                259318.68
4027538.98       12.18351  (22122209)
        259319.32   4027563.71       11.42686  (22122209)                259319.96
4027588.44       10.23168  (22122209)
        259320.59   4027613.17        9.30586  (21011109)                259321.23
4027637.90        9.48284  (21011109)
        259321.86   4027662.63       10.46050  (22122216)                259322.50
4027687.36       11.58653  (22122216)
        259323.14   4027712.10       12.39344  (22122216)                259289.24
4027366.50       12.52016  (18121909)
        259289.88   4027391.23       12.56460  (22121909)                259290.51
4027415.96       13.58273  (22121909)
        259291.15   4027440.69       13.94310  (22121909)                259291.78
4027465.42       13.69871  (22121909)
        259292.42   4027490.16       12.77646  (22121909)                259293.06
4027514.89       11.83081  (22122209)
        259293.69   4027539.62       11.97547  (22122209)                259294.33
4027564.35       11.59569  (22122209)
        259294.96   4027589.08       10.72527  (22122209)                259295.60
4027613.81        9.48419  (22122209)
        259296.24   4027638.54        9.04340  (21011109)                259296.87
4027663.28        9.15087  (21011109)
        259297.51   4027688.01       10.16136  (22122216)                259298.14
4027712.74       11.21738  (22122216)
        259264.25   4027367.14       12.29478  (18121909)                259264.89
4027391.87       11.66576  (18121909)
        259265.52   4027416.60       12.65548  (22121909)                259266.16
4027441.34       13.32388  (22121909)
        259266.79   4027466.07       13.45776  (22121909)                259267.43
4027490.80       12.93866  (22121909)
        259268.07   4027515.53       11.80641  (22121909)                259268.70
4027540.26       11.54606  (22122209)
        259269.34   4027564.99       11.51810  (22122209)                259269.97
4027589.72       10.98903  (22122209)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3B ***
INCLUDING SOURCE(S): PHASE3B ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
259270.61	4027614.46	10.03369	(22122209)	259271.25	4027639.19	8.76502	(22122209)
259271.88	4027663.92	8.78410	(21011109)	259272.52	4027688.65	8.83178	(21011109)
259273.15	4027713.38	9.87541	(22122216)	259214.27	4027368.43	11.57669	(18121909)
259214.90	4027393.16	11.45917	(18121909)	259215.54	4027417.89	10.75367	(18121909)
259216.17	4027442.62	11.67911	(22121909)	259216.81	4027467.35	12.46176	(22121909)
259217.45	4027492.08	12.67260	(22121909)	259218.08	4027516.82	12.23459	(22121909)
259218.72	4027541.55	11.24767	(22121909)	259219.35	4027566.28	10.71720	(22122209)
259219.99	4027591.01	10.82189	(22122209)	259220.63	4027615.74	10.50588	(22122209)
259221.26	4027640.47	9.77126	(22122209)	259221.90	4027665.20	8.71177	(22122209)
259222.53	4027689.93	8.03098	(21011109)	259223.17	4027714.67	8.28150	(21011109)
259164.28	4027369.71	10.62335	(18121909)	259164.92	4027394.44	10.97440	(18121909)
259165.55	4027419.18	10.78887	(18121909)	259166.19	4027443.91	10.10238	(18121909)
259166.83	4027468.64	11.11504	(22121909)	259167.46	4027493.37	11.79047	(22121909)
259168.10	4027518.10	11.93803	(22121909)	259168.73	4027542.83	11.56115	(22121909)
259169.37	4027567.56	10.71471	(22121909)	259170.01	4027592.29	9.94398	(22122209)
259170.64	4027617.03	10.20999	(22122209)	259171.28	4027641.76	10.05747	(22122209)
259171.91	4027666.49	9.50570	(22122209)	259172.55			

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4027691.22        8.62885  (22122209)
        259173.19   4027715.95        7.52816  (22122209)                259114.30
4027371.00        9.40323  (18121909)
        259114.93   4027395.73       10.13412  (18121909)                259115.57
4027420.46       10.37434  (18121909)
        259116.21   4027445.19       10.12230  (18121909)                259116.84
4027469.92        9.41369  (18121909)
        259117.48   4027494.65       10.42252  (22121909)                259118.11
4027519.39       11.08584  (22121909)
        259118.75   4027544.12       11.28660  (22121909)                259119.39
4027568.85       11.00072  (22121909)
        259120.02   4027593.58       10.26754  (22121909)                259120.66
4027618.31        9.26729  (22122209)
        259121.29   4027643.04        9.61791  (22122209)                259121.93
4027667.77        9.59259  (22122209)
        259122.57   4027692.51        9.19900  (22122209)                259123.20
4027717.24        8.48702  (22122209)
        259064.32   4027372.28        8.11058  (18121909)                259064.95
4027397.02        9.08503  (18121909)
        259065.59   4027421.75        9.66161  (18121909)                259066.22
4027446.48        9.80563  (18121909)
        259066.86   4027471.21        9.50801  (18121909)                259067.50
4027495.94        8.83059  (22121909)
        259068.13   4027520.67        9.81143  (22121909)                259068.77
4027545.40       10.45267  (22121909)
        259069.40   4027570.13       10.67997  (22121909)                259070.04
4027594.87       10.45607  (22121909)
        259070.68   4027619.60        9.82684  (22121909)                259071.31
4027644.33        8.86205  (22121909)
        259071.95   4027669.06        9.02439  (22122209)                259072.58
4027693.79        9.11182  (22122209)
        259073.22   4027718.52        8.86002  (22122209)                258964.35
4027374.85        7.39308  (18012609)
        258964.98   4027399.59        6.92143  (18012609)                258965.62
4027424.32        7.71203  (18121909)
        258966.26   4027449.05        8.43294  (18121909)                258966.89
4027473.78        8.79189  (18121909)
        258967.53   4027498.51        8.77623  (18121909)                258968.16
4027523.24        8.41626  (18121909)
        258968.80   4027547.97        7.87169  (22121909)                258969.44
4027572.71        8.75840  (22121909)
        258970.07   4027597.44        9.35220  (22121909)                258970.71
4027622.17        9.59888  (22121909)
        258971.34   4027646.90        9.48030  (22121909)                258971.98
4027671.63        9.01733  (22121909)
        258972.62   4027696.36        8.25550  (22121909)                258973.25
4027721.09        7.90723  (22122209)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3B ***
INCLUDING SOURCE(S): PHASE3B ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
258864.38	4027377.43	7.18325	(18012609)	258865.02	4027402.16	7.19421	(18012609)
258865.65	4027426.89	6.87651	(18012609)	258866.29	4027451.62	6.52419	(18121909)
258866.93	4027476.35	7.29480	(18121909)	258867.56	4027501.08	7.81645	(18121909)
258868.20	4027525.81	8.02744	(18121909)	258868.83	4027550.54	7.92035	(18121909)
258869.47	4027575.28	7.50374	(18121909)	258870.11	4027600.01	7.07562	(22121909)
258870.74	4027624.74	7.86674	(22121909)	258871.38	4027649.47	8.42196	(22121909)
258872.01	4027674.20	8.68824	(22121909)	258872.65	4027698.93	8.64541	(22121909)
258873.29	4027723.66	8.30158	(22121909)	258764.41	4027380.00	6.58257	(18012609)
258765.05	4027404.73	7.06875	(18012609)	258765.69	4027429.46	7.17236	(18012609)
258766.32	4027454.19	6.91296	(18012609)	258766.96	4027478.92	6.30345	(18012609)
258767.59	4027503.65	6.27918	(18121909)	258768.23	4027528.38	6.87651	(18121909)
258768.87	4027553.12	7.24049	(18121909)	258769.50	4027577.85	7.33244	(18121909)
258770.14	4027602.58	7.14978	(18121909)	258770.77	4027627.31	6.71032	(18121909)
258771.41	4027652.04	6.39545	(22121909)	258772.05	4027676.77	7.11124	(22121909)
258772.68	4027701.50	7.62294	(22121909)	258773.32	4027726.23	7.89380	(22121909)
258664.45	4027382.57	5.76694	(22122109)	258665.08			

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4027407.30        6.24339  (18012609)
        258665.72   4027432.03        6.68339  (18012609)                258666.36
4027456.76        6.82599  (18012609)
        258666.99   4027481.49        6.67039  (18012609)                258667.63
4027506.22        6.24570  (18012609)
        258668.26   4027530.95        5.58880  (18012609)                258668.90
4027555.69        6.01198  (18121909)
        258669.54   4027580.42        6.46369  (18121909)                258670.17
4027605.15        6.70203  (18121909)
        258670.81   4027629.88        6.70609  (18121909)                258671.44
4027654.61        6.46336  (18121909)
        258672.08   4027679.34        6.01609  (18121909)                258672.72
4027704.07        5.81961  (22121909)
        258673.35   4027728.81        6.46718  (22121909)                258464.51
4027387.71        5.13243  (22122109)
        258465.15   4027412.44        5.12112  (22122109)                258465.79
4027437.17        5.01006  (18012609)
        258466.42   4027461.90        5.62934  (18012609)                258467.06
4027486.63        6.10009  (18012609)
        258467.69   4027511.37        6.35165  (18012609)                258468.33
4027536.10        6.32370  (18012609)
        258468.97   4027560.83        6.01523  (18012609)                258469.60
4027585.56        5.46662  (18012609)
        258470.24   4027610.29        4.80733  (18012609)                258470.87
4027635.02        5.04462  (18121909)
        258471.51   4027659.75        5.43874  (18121909)                258472.15
4027684.48        5.67579  (18121909)
        258472.78   4027709.22        5.73728  (18121909)                258473.42
4027733.95        5.61846  (18121909)
        258264.58   4027392.85        4.42864  (20122109)                258265.22
4027417.58        4.36754  (22122109)
        258265.85   4027442.31        4.46561  (22122109)                258266.49
4027467.04        4.41507  (22122109)
        258267.12   4027491.78        4.49645  (18012609)                258267.76
4027516.51        5.09131  (18012609)
        258268.40   4027541.24        5.51861  (18012609)                258269.03
4027565.97        5.77877  (18012609)
        258269.67   4027590.70        5.92301  (18012609)                258270.30
4027615.43        5.84218  (18012609)
        258270.94   4027640.16        5.43405  (18012609)                258271.58
4027664.89        4.88608  (18012609)
        258272.21   4027689.63        4.23602  (18012609)                258272.85
4027714.36        4.30525  (18121909)
        258273.48   4027739.09        4.64061  (18121909)                258064.01
4027373.26        5.06876  (21120616)
        258064.65   4027397.99        4.50603  (21120616)                258065.28
4027422.72        3.89885  (21120616)
        258065.92   4027447.45        3.83648  (20122109)                258066.55
4027472.19        3.88203  (22122109)
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B ***
INCLUDING SOURCE(S): PHASE3B ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF OTHER IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
258067.19	4027496.92	3.95771	(22122109)	258067.83	4027521.65	3.90076	(22122109)
258068.46	4027546.38	4.23059	(18012609)	258069.10	4027571.11	4.79744	(18012609)
258069.73	4027595.84	5.22222	(18012609)	258070.37	4027620.57	5.50625	(18012609)
258071.01	4027645.30	5.64595	(18012609)	258071.64	4027670.04	5.63525	(18012609)
258072.28	4027694.77	5.43610	(18012609)	258072.91	4027719.50	5.02014	(18012609)
258073.55	4027744.23	4.42113	(18012609)	257864.08	4027378.40	4.99617	(21120616)
257864.71	4027403.13	4.60036	(21120616)	257865.35	4027427.86	4.12643	(21120616)
257865.98	4027452.60	3.60911	(21120616)	257866.62	4027477.33	3.46199	(20122109)
257867.26	4027502.06	3.36954	(20122109)	257867.89	4027526.79	3.49508	(22122109)
257868.53	4027551.52	3.53297	(22122109)	257869.16	4027576.25	3.45986	(22122109)
257869.80	4027600.98	3.89042	(18012609)	257870.44	4027625.72	4.45690	(18012609)
257871.07	4027650.45	4.88265	(18012609)	257871.71	4027675.18	5.17345	(18012609)
257872.34	4027699.91	5.33908	(18012609)	257872.98	4027724.64	5.38145	(18012609)
257873.62	4027749.37	5.26069	(18012609)	259373.56	4027735.81	14.95437	(20010709)
259396.16	4027735.41	16.77034	(20010709)	259418.75			

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4027735.01       18.38928  (20010709)
        259441.35   4027734.61       19.74713  (20010709)                259463.95
4027734.22       20.44012  (20010709)
        259486.54   4027733.82       20.42349  (20010709)                259509.14
4027733.42       19.82584  (20010709)
        259531.74   4027733.02       18.86997  (20010709)                259554.33
4027732.62       17.59658  (20010709)
        259576.93   4027732.23       15.66873  (20010709)                259356.27
4027753.86       14.47487  (20010709)
        259396.60   4027760.40       17.75464  (20010709)                259419.19
4027760.01       18.96229  (20010709)
        259441.79   4027759.61       19.74685  (20010709)                259464.39
4027759.21       19.91444  (20010709)
        259486.98   4027758.81       19.41053  (20010709)                259509.58
4027758.42       18.36764  (20010709)
        259532.18   4027758.02       16.99101  (20010709)                259554.77
4027757.62       15.39560  (20010709)
        259577.37   4027757.22       13.33190  (20010709)                259356.71
4027778.86       15.67414  (20010709)
        259313.55   4027747.57       12.64216  (22122216)                259397.04
4027785.40       18.25767  (20010709)
        259419.63   4027785.00       19.00162  (20010709)                259442.23
4027784.61       19.24944  (20010709)
        259464.83   4027784.21       18.90845  (20010709)                259487.42
4027783.81       17.94740  (20010709)
        259510.02   4027783.41       16.51667  (20010709)                259532.62
4027783.01       14.82687  (20010709)
        259555.21   4027782.62       13.05479  (20010709)                259577.81
4027782.22       11.03355  (20010709)
        259357.15   4027803.85       16.54223  (20010709)                259321.69
4027789.98       13.49820  (20010709)
        259296.26   4027765.62       12.32677  (22122216)                259397.48
4027810.40       18.29812  (20010709)
        259420.07   4027810.00       18.56800  (20010709)                259442.67
4027809.60       18.34049  (20010709)
        259465.27   4027809.20       17.55679  (20010709)                259487.86
4027808.81       16.23124  (20010709)
        259510.46   4027808.41       14.51294  (20010709)                259533.06
4027808.01       12.60226  (20010709)
        259555.65   4027807.61       10.73408  (20010709)                259578.25
4027807.21        8.88474  (20010709)
        259358.03   4027853.85       17.12434  (20010709)                259322.57
4027839.97       15.51474  (20010709)
        259287.11   4027826.09       12.60456  (20010709)                259261.67
4027801.73       11.72979  (22122216)
        259246.27   4027766.91       10.50006  (22122216)                259398.36
4027860.39       17.17622  (20010709)
        259420.95   4027859.99       16.59481  (20010709)                259443.55
4027859.59       15.59135  (20010709)
        259466.15   4027859.20       14.19556  (20010709)                259488.74
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3B ***
                                  INCLUDING SOURCE(S):   PHASE3B   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF OTHER   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
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4027960.37       11.77305  (20010709)
        259422.71   4027959.98       10.40026  (20010709)                259445.31
4027959.58        8.91843  (20010709)
        259467.91   4027959.18        7.41226  (20010709)                259490.50
4027958.78        5.95098  (20010709)
        259513.10   4027958.38        5.31050  (20011309)                259535.70
4027957.99        6.96339  (20011309)
        259558.29   4027957.59        8.72081  (20011309)                259580.89
4027957.19       10.44258  (20011309)
        259359.06   4028003.19       11.73635  (20010709)                259320.37
4027988.05       14.02668  (20010709)
        259281.69   4027972.91       14.99926  (20010709)                259243.00
4027957.77       14.17121  (20010709)
        259204.32   4027942.63       11.93041  (20010709)                259157.23
4027908.49       10.19736  (22122216)
        259140.43   4027870.50        9.04929  (22122216)                259123.63
4027832.50        7.18544  (21011109)
        259106.82   4027794.51        7.04289  (21011109)                259090.02
4027756.52        7.64554  (22122209)
        259401.00   4028010.37        8.85551  (20010709)                259423.59
4028009.97        7.45699  (20010709)
        259446.19   4028009.57        6.09811  (20010709)                259468.79
4028009.17        4.83424  (20010709)
        259491.38   4028008.77        5.20697  (20011309)                259513.98
4028008.38        6.74416  (20011309)
        259536.58   4028007.98        8.37165  (20011309)                259559.17
4028007.58        9.95869  (20011309)
        259581.77   4028007.18       11.32761  (20011309)                259359.90
4028102.82        6.53136  (20010709)
        259319.37   4028086.95        9.48620  (20010709)                259278.84
4028071.09       12.08523  (20010709)
        259238.31   4028055.23       13.56435  (20010709)                259197.79
4028039.37       13.48022  (20010709)
        259157.26   4028023.50       11.91664  (20010709)                259116.73
4028007.64        9.59599  (18122709)
        259087.67   4027979.81        9.33494  (22122216)                259070.06
4027940.01        8.32067  (22122216)
        259052.46   4027900.20        6.59469  (21011109)                259034.86
4027860.40        6.52472  (21011109)
        259017.26   4027820.60        6.68961  (22122209)                258999.66
4027780.80        8.00417  (22122209)
        259402.76   4028110.35        4.08850  (20010709)                259425.35
4028109.95        3.85588  (20122110)
        259447.95   4028109.55        4.97892  (20011309)                259470.55
4028109.16        6.32015  (20011309)
        259493.14   4028108.76        7.72960  (20011309)                259515.74
4028108.36        9.09444  (20011309)
        259538.34   4028107.96       10.28204  (20011309)                259560.93
4028107.57       11.16752  (20011309)
        259583.53   4028107.17       11.65470  (20011309)                259361.06
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4028202.57        3.37363  (20122110)
        259319.34   4028186.24        5.07853  (20010709)                259277.62
4028169.91        7.72285  (20010709)
↑ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 635
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3B  ***
                                  INCLUDING SOURCE(S):     PHASE3B     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
        259235.90   4028153.58       10.22042  (20010709)                259194.18
4028137.25       11.98392  (20010709)
        259152.46   4028120.92       12.53403  (20010709)                259110.74
4028104.59       11.67894  (20010709)
        259069.02   4028088.27        9.65393  (20010709)                259018.25
4028051.45        8.61012  (22122216)
        259000.13   4028010.48        7.69053  (22122216)                258982.01
4027969.50        6.03809  (22122216)
        258963.89   4027928.53        6.08649  (21011109)                258945.77
4027887.56        5.73972  (22122209)
        258927.65   4027846.58        7.14362  (22122209)                258909.53
4027805.61        7.65733  (22122209)
        258891.41   4027764.64        7.07161  (22122209)                259404.52
4028210.33        4.78168  (20011309)
        259427.11   4028209.94        5.96613  (20011309)                259449.71
4028209.54        7.18313  (20011309)
        259472.31   4028209.14        8.35062  (20011309)                259494.90
4028208.74        9.37051  (20011309)
        259517.50   4028208.35       10.12497  (20011309)                259540.10
4028207.95       10.55153  (20011309)
        259562.69   4028207.55       10.59017  (20011309)                259585.29
4028207.15       10.67248  (19123109)
        259363.42   4028302.79        4.54312  (20011309)                259322.89
4028286.92        3.47873  (20122110)
        259282.36   4028271.06        3.76955  (20010709)                259241.83
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        259201.31   4028239.34        8.21828  (20010709)                259160.78
4028223.47       10.27958  (20010709)
        259120.25   4028207.61       11.48880  (20010709)                259079.72
4028191.75       11.55580  (20010709)
        259039.20   4028175.89       10.48256  (20010709)                258998.67
4028160.02        8.59951  (20010709)
        258949.34   4028124.26        7.98791  (22122216)                258931.74
4028084.46        7.22412  (22122216)
        258914.14   4028044.66        5.84350  (22122216)                258896.53
4028004.85        5.71810  (21011109)
        258878.93   4027965.05        5.24790  (21011109)                258861.33
4027925.25        5.96371  (22122209)
        258843.73   4027885.45        6.94028  (22122209)                258826.13
4027845.64        7.04262  (22122209)
        258808.52   4027805.84        6.72018  (22121909)                258790.92
4027766.04        7.77945  (22121909)
        259406.28   4028310.32        6.67964  (20011309)                259428.87
4028309.92        7.70177  (20011309)
        259451.47   4028309.52        8.58031  (20011309)                259474.07
4028309.13        9.24063  (20011309)
        259496.66   4028308.73        9.62670  (20011309)                259519.26
4028308.33        9.67513  (20011309)
        259541.86   4028307.93        9.69066  (19123109)                259564.45
4028307.53        9.83401  (19123109)
        259587.05   4028307.14        9.64670  (19123109)                259364.75
4028402.61        6.24410  (20011309)
        259323.38   4028386.41        4.24014  (20011309)                259282.01
4028370.22        3.44542  (20122110)
        259240.64   4028354.03        2.97598  (20010709)                259199.27
4028337.83        4.82108  (20010709)
        259157.90   4028321.64        6.94555  (20010709)                259116.52
4028305.45        8.95998  (20010709)
        259075.15   4028289.26       10.35571  (20010709)                259033.78
4028273.06       10.76911  (20010709)
        258992.41   4028256.87       10.14561  (20010709)                258951.04
4028240.68        8.69595  (20010709)
        258909.67   4028224.48        7.51271  (18122709)                258880.00
4028196.07        7.41522  (22122216)
        258862.03   4028155.44        6.73245  (22122216)                258844.06
4028114.81        5.50487  (22122216)
        258826.09   4028074.18        5.32990  (21011109)                258808.12
4028033.54        4.99156  (21011109)
        258790.15   4027992.91        5.20398  (22122209)                258772.18
4027952.28        6.26751  (22122209)
        258754.21   4027911.65        6.61265  (22122209)                258736.24
4027871.02        6.12782  (22122209)
        258718.27   4027830.39        6.91566  (22121909)                258700.30
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        259453.23   4028409.51        8.78879  (20011309)                259475.83
4028409.11        8.83920  (20011309)
        259498.42   4028408.71        8.79114  (19123109)                259521.02
4028408.31        8.98609  (19123109)
🌲 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 636
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3B  ***
                                  INCLUDING SOURCE(S):     PHASE3B     ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        259543.62   4028407.92        8.93295  (19123109)                259566.21
4028407.52        8.60278  (19123109)
        259588.81   4028407.12        7.99129  (19123109)                259368.37
4028602.61        7.56021  (20011309)
        259327.19   4028586.49        6.82798  (20011309)                259286.01
4028570.37        5.41781  (20011309)
        259244.83   4028554.26        4.05377  (20122110)                259203.65
4028538.14        3.46252  (20122110)
        259162.46   4028522.02        2.54952  (20122110)                259121.28
4028505.90        2.95224  (20010709)
        259080.10   4028489.78        4.51026  (20010709)                259038.92
4028473.67        6.25810  (20010709)
        258997.74   4028457.55        7.86152  (20010709)                258956.56
4028441.43        9.02243  (20010709)
        258915.38   4028425.31        9.44211  (20010709)                258874.20
4028409.19        9.03180  (20010709)
        258833.02   4028393.07        7.94170  (20010709)                258791.83
4028376.96        6.78983  (18122709)
        258741.71   4028340.62        6.50834  (22122216)                258723.82
4028300.17        5.99944  (22122216)
        258705.94   4028259.73        5.02256  (22122216)                258688.05
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        258670.17   4028178.84        4.57619  (21011109)                258652.28
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4028057.50        5.52213  (22122209)
        258598.62   4028017.06        5.78093  (22122209)                258580.73
4027976.61        5.36400  (22122209)
        258562.85   4027936.17        5.82892  (22121909)                258544.96
4027895.73        6.43884  (22121909)
        258527.08   4027855.28        6.33461  (22121909)                258509.19
4027814.84        5.54126  (22121909)
        258491.30   4027774.39        4.99368  (18121909)                259411.56
4028610.27        7.40483  (20011309)
        259434.15   4028609.88        7.63466  (19123109)                259456.75
4028609.48        7.66550  (19123109)
        259479.35   4028609.08        7.49724  (19123109)                259501.94
4028608.68        7.13812  (19123109)
        259524.54   4028608.28        6.61109  (19123109)                259547.14
4028607.89        5.95372  (19123109)
        259569.73   4028607.49        5.21077  (19123109)                259592.33
4028607.09        4.42847  (19123109)
        259371.95   4028802.60        6.66807  (19123109)                259330.89
4028786.53        6.58388  (20011309)
        259289.83   4028770.46        6.63102  (20011309)                259248.77
4028754.39        5.96300  (20011309)
        259207.71   4028738.32        4.76932  (20011309)                259166.65
4028722.25        3.88363  (20122110)
        259125.59   4028706.18        3.44621  (20122110)                259084.53
4028690.11        2.68400  (20122110)
        259043.47   4028674.04        1.89693  (20011710)                259002.40
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        258961.34   4028641.89        4.21891  (20010709)                258920.28
4028625.82        5.65879  (20010709)
        258879.22   4028609.75        6.97617  (20010709)                258838.16
4028593.68        7.92579  (20010709)
        258797.10   4028577.61        8.30315  (20010709)                258756.04
4028561.54        8.03884  (20010709)
        258714.98   4028545.47        7.23606  (20010709)                258673.92
4028529.39        6.09627  (18122709)
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        258585.58   4028444.80        5.34408  (22122216)                258567.74
4028404.47        4.57785  (22122216)
        258549.91   4028364.15        3.93993  (21011109)                258532.08
4028323.82        4.11822  (21011109)
        258514.24   4028283.49        3.88514  (21011109)                258496.41
4028243.17        3.44214  (22122209)
        258478.57   4028202.84        4.34537  (22122209)                258460.74
4028162.51        4.93788  (22122209)
        258442.91   4028122.19        5.08625  (22122209)                258425.07
4028081.86        4.72244  (22122209)
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4028001.21   5.61257 (22121909)
        258371.57   4027960.88   5.71985 (22121909)   258353.74
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        258335.90   4027880.23   4.34790 (22121909)   258318.07
4027839.90   4.64991 (18121909)
        258300.23   4027799.58   5.03208 (18121909)   259415.08
4028810.24   6.35798 (19123109)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B ***
                                  INCLUDING SOURCE(S):   PHASE3B   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                                ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

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4028871.18        3.29857  (20122110)
        259018.82   4028862.98        2.97309  (20122110)                258997.87
4028854.78        2.60303  (20122110)
        258976.91   4028846.58        2.19002  (20122110)                258935.00
4028830.17        1.72216  (20011710)
        258914.05   4028821.97        2.04754  (20010709)                258893.09
4028813.77        2.54578  (20010709)
        258872.14   4028805.57        3.09667  (20010709)                258851.18
4028797.37        3.69074  (20010709)
        258809.27   4028780.96        4.93377  (20010709)                258788.32
4028772.76        5.53662  (20010709)
        258767.37   4028764.56        6.09102  (20010709)                258746.41
4028756.36        6.56863  (20010709)
        258704.50   4028739.96        7.22379  (20010709)                258683.55
4028731.75        7.36994  (20010709)
        258662.59   4028723.55        7.37910  (20010709)                258641.64
4028715.35        7.24894  (20010709)
        258599.73   4028698.95        6.64687  (20010709)                258578.77
4028690.75        6.20090  (20010709)
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        258401.19   4028485.10        3.58116  (21011109)                258382.99
4028443.94        3.67362  (21011109)
        258373.89   4028423.36        3.58753  (21011109)                258355.69
4028382.20        3.17995  (21011109)
        258346.59   4028361.62        2.97899  (22122209)                258328.38
4028320.46        3.78362  (22122209)
        258310.18   4028279.30        4.36279  (22122209)                258291.98
4028238.14        4.56906  (22122209)
        258282.88   4028217.56        4.50887  (22122209)                258264.67
4028176.40        4.07326  (22122209)
        258255.57   4028155.83        4.07908  (22121909)                258237.37
4028114.67        4.80054  (22121909)
        258228.27   4028094.09        5.01838  (22121909)                258210.07
4028052.93        5.09829  (22121909)
        258200.97   4028032.35        4.95487  (22121909)                258182.76
4027991.19        4.34846  (22121909)
        258173.66   4027970.61        3.92588  (22121909)                258155.46
4027929.45        3.98043  (18121909)
        258146.36   4027908.87        4.25395  (18121909)                258128.16
4027867.71        4.51232  (18121909)
        258109.95   4027826.55        4.32447  (18121909)                258091.75
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        258290.38   4028691.76        3.84573  (22122216)                258272.26
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        258254.14   4028609.81        3.25114  (21011109)                258236.02
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        258217.90   4028527.86        3.08299  (21011109)                258199.78
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4028323.00        4.05876  (22122209)
        258109.18   4028282.02        3.67772  (22122209)                258091.06
4028241.05        3.87141  (22121909)
        258072.94   4028200.08        4.40528  (22121909)                258054.82
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        258036.70   4028118.13        4.41059  (22121909)                258018.58
4028077.16        3.86978  (22121909)
        258000.46   4028036.18        3.15904  (18121909)                257982.34
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        257964.22   4027954.24        4.03454  (18121909)                257946.10
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        257927.98   4027872.29        3.60298  (18121909)                257909.86
4027831.32        3.52012  (18012609)
        257891.74   4027790.35        4.59172  (18012609)                259422.12
4029210.18        2.65732  (18121216)
        259444.71   4029209.78        2.86880  (19012109)                259467.31
4029209.38        3.23154  (21010709)
        259489.91   4029208.99        3.68344  (21010709)                259512.50
4029208.59        4.09352  (21010709)
        259535.10   4029208.19        4.43505  (21010709)                259557.70
4029207.79        4.68465  (21010709)
        259580.29   4029207.40        4.82277  (21010709)                259602.89
4029207.00        4.83911  (21010709)
        259621.33   4027730.68       11.18191  (20010709)                259665.29
4027729.15       11.53091  (20011309)
        259709.26   4027727.61       15.96026  (20011309)                259600.22
4027756.43       11.08603  (20010709)
        259644.18   4027754.90       10.16973  (20011309)                259688.15
4027753.36       14.49693  (20011309)
        259732.11   4027751.83       17.15359  (20011309)                259601.09
4027781.42        8.88335  (20010709)
        259645.05   4027779.88       11.16395  (20011309)                259689.02
4027778.35       14.89797  (20011309)
        259732.99   4027776.81       16.76743  (20011309)                259601.96
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        259645.93   4027804.87       12.01253  (20011309)                259689.89
4027803.33       15.11936  (20011309)
        259733.86   4027801.80       16.29019  (19123109)                259603.70
4027856.37        9.57498  (20011309)
        259647.67   4027854.84       13.16689  (20011309)                259691.64
4027853.30       15.01547  (20011309)
        259735.60   4027851.77       15.72272  (19123109)                259605.45
4027906.34       11.18252  (20011309)
        259649.41   4027904.81       13.88066  (20011309)                259693.38
4027903.27       14.28298  (19123109)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 639
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3B  ***
                                  INCLUDING SOURCE(S):     PHASE3B     ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        259737.35   4027901.74       14.48746  (19123109)                259607.19
4027956.31       12.16088  (20011309)
        259651.16   4027954.78       13.75052  (20011309)                259695.12
4027953.24       14.04106  (19123109)
        259739.09   4027951.71       13.12008  (19123109)                259608.94
4028006.28       12.54165  (20011309)
        259652.90   4028004.75       12.96236  (20011309)                259696.87
4028003.21       13.24344  (19123109)
        259740.83   4028001.68       11.51986  (19123109)                259612.42
4028106.22       11.61435  (20011309)
        259656.39   4028104.69       11.86469  (19123109)                259700.35
4028103.15       10.53751  (19123109)
        259744.32   4028101.62        8.04779  (19123109)                259615.91
4028206.16       11.41250  (19123109)
        259659.88   4028204.62       10.13645  (19123109)                259703.84
4028203.09        7.53415  (19123109)
        259747.81   4028201.56        8.66940  (21010709)                259619.40
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4028306.10        9.39845  (19123109)
        259663.36   4028304.56        7.17550  (19123109)                259707.33
4028303.03        7.07029  (21010709)
        259751.30   4028301.49        8.56512  (21010709)                259622.89
4028406.04        6.75416  (19123109)
        259666.85   4028404.50        5.63716  (21010709)                259710.82
4028402.97        7.39197  (21010709)
        259754.78   4028401.43        8.30080  (21010709)                259629.86
4028605.92        5.27752  (21010709)
        259673.83   4028604.38        6.55791  (21010709)                259717.79
4028602.85        7.10835  (21010709)
        259761.76   4028601.31        6.73805  (21010709)                259636.84
4028805.79        5.85291  (21010709)
        259680.80   4028804.26        6.20353  (21010709)                259724.77
4028802.73        5.82857  (21010709)
        259768.73   4028801.19        4.83902  (21010709)                259643.81
4029005.67        5.44837  (21010709)
        259687.78   4029004.14        5.07870  (21010709)                259731.74
4029002.60        4.23823  (21010709)
        259775.71   4029001.07        4.66611  (20012209)                259628.80
4029206.32        4.70618  (21010709)
        259672.77   4029204.78        4.14955  (21010709)                259716.74
4029203.25        3.92564  (20012209)
        259760.70   4029201.71        4.59347  (20012209)                259755.00
4027725.55       17.98591  (20011309)
        259778.26   4027724.27       18.66330  (19123109)                259801.52
4027722.99       18.70689  (19123109)
        259824.78   4027721.71       17.74976  (19123109)                259848.04
4027720.44       15.84134  (19123109)
        259871.30   4027719.16       15.40172  (21010709)                259894.56
4027717.88       16.59085  (21010709)
        259756.37   4027750.51       17.58995  (19123109)                259779.63
4027749.23       18.06163  (19123109)
        259802.89   4027747.95       17.62585  (19123109)                259826.15
4027746.68       16.30704  (19123109)
        259849.41   4027745.40       14.21896  (19123109)                259872.67
4027744.12       15.32270  (21010709)
        259895.93   4027742.84       16.21257  (21010709)                259757.74
4027775.47       17.36315  (19123109)
        259781.00   4027774.19       17.40061  (19123109)                259804.26
4027772.92       16.50714  (19123109)
        259827.52   4027771.64       14.83574  (19123109)                259850.78
4027770.36       13.64953  (21010709)
        259874.04   4027769.08       15.13012  (21010709)                259897.30
4027767.81       15.77347  (21010709)
        259759.11   4027800.43       16.89164  (19123109)                259782.37
4027799.16       16.55797  (19123109)
        259805.63   4027797.88       15.38413  (19123109)                259828.89
4027796.60       13.50378  (19123109)
        259852.15   4027795.32       13.84990  (21010709)                259875.41
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B ***
                                 INCLUDING SOURCE(S):   PHASE3B   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

```
4027993.75       11.29039  (21010709)
        259909.64   4027992.47       10.12190  (21010709)                259775.56
4028099.98        9.52466  (21010709)
        259798.82   4028098.70       10.47952  (21010709)                259822.08
4028097.43       10.94669  (21010709)
        259845.34   4028096.15       10.86256  (21010709)                259868.60
4028094.87       10.23736  (21010709)
        259891.86   4028093.60        9.14658  (21010709)                259915.12
4028092.32        7.72499  (21010709)
        259781.04   4028199.83       10.02397  (21010709)                259804.30
4028198.55       10.41906  (21010709)
        259827.56   4028197.28       10.22825  (21010709)                259850.82
4028196.00        9.50283  (21010709)
        259874.08   4028194.72        8.16391  (21010709)                259897.34
4028193.45        6.91736  (21010709)
        259920.60   4028192.17        6.04738  (20012209)                259786.52
4028299.68        9.06859  (21010709)
        259809.78   4028298.40        8.88764  (21010709)                259833.04
4028297.13        8.31274  (21010709)
        259856.30   4028295.85        7.40445  (21010709)                259879.56
4028294.57        6.27770  (21010709)
        259902.82   4028293.29        5.88788  (20012209)                259926.08
4028292.02        5.70434  (20012209)
        259792.01   4028399.53        8.11892  (21010709)                259815.27
4028398.25        7.55671  (21010709)
        259838.53   4028396.98        6.91906  (21010709)                259861.79
4028395.70        5.73217  (21010709)
        259885.05   4028394.42        5.66942  (20012209)                259908.31
4028393.14        5.57918  (20012209)
        259931.57   4028391.87        5.19826  (20012209)                259802.97
4028599.23        5.69505  (21010709)
        259826.23   4028597.95        5.16335  (20012209)                259849.49
4028596.67        5.43517  (20012209)
        259872.75   4028595.40        5.47191  (20012209)                259896.01
4028594.12        5.26120  (20012209)
        259919.27   4028592.84        4.82379  (20012209)                259942.53
4028591.57        5.18920  (21010109)
        259813.94   4028798.93        5.08391  (20012209)                259837.20
4028797.65        5.22372  (20012209)
        259860.46   4028796.37        5.14401  (20012209)                259883.72
4028795.10        4.84786  (20012209)
        259906.98   4028793.82        4.34673  (20012209)                259930.24
4028792.54        4.40322  (21010109)
        259953.50   4028791.27        5.07468  (21010109)                259801.64
4028999.90        4.89161  (20012209)
        259824.90   4028998.63        4.88253  (20012209)                259848.16
4028997.35        4.69407  (20012209)
        259871.42   4028996.07        4.34309  (20012209)                259894.68
4028994.80        3.86692  (20012209)
        259917.94   4028993.52        3.79124  (21010109)                259941.20
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4028992.24        4.35884  (21010109)
        259964.46   4028990.96        4.84681  (21010109)                 259797.65
4029200.28        4.69136  (20012209)
        259835.87   4029198.33        4.36877  (20012209)                 259859.13
4029197.05        3.98764  (20012209)
        259882.39   4029195.77        3.50590  (20012209)                 259905.65
4029194.50        3.30547  (21010109)
        259928.91   4029193.22        3.79162  (21010109)                 259952.17
4029191.94        4.21655  (21010109)
        259975.43   4029190.66        4.55771  (21010109)                 259939.86
4027716.72       16.02049  (21010709)
        259962.87   4027716.12       14.32024  (21010709)                 259985.88
4027715.52       13.00207  (21010109)
        260008.89   4027714.93       15.12099  (21010109)                 260031.90
4027714.33       16.28116  (21010109)
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 641
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3B  ***
                                  INCLUDING SOURCE(S):     PHASE3B     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        260054.91   4027713.73       16.45681  (21010109)                 260077.92
4027713.14       15.68923  (21010109)
        260100.94   4027712.54       16.89347  (18122409)                 260123.95
4027711.94       17.89571  (18122409)
        260146.96   4027711.35       17.88164  (18122409)                 260169.97
4027710.75       16.81455  (18122409)
        259940.51   4027741.71       15.17416  (21010709)                 259963.52
4027741.11       13.34114  (21010709)
        259986.53   4027740.52       12.70899  (21010109)                 260009.54
4027739.92       14.65455  (21010109)
        260032.55   4027739.32       15.79376  (21010109)                 260055.56
4027738.73       15.95298  (21010109)
        260078.57   4027738.13       15.17176  (21010109)                 260101.58
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4027737.53       16.24964  (18122409)
        260124.59   4027736.94       17.30420  (18122409)                260147.61
4027736.34       17.36637  (18122409)
        260170.62   4027735.74       16.39339  (18122409)                259941.16
4027766.70       14.31997  (21010709)
        259964.17   4027766.10       12.40856  (21010709)                259987.18
4027765.51       12.48654  (21010109)
        260010.19   4027764.91       14.27928  (21010109)                260033.20
4027764.31       15.29210  (21010109)
        260056.21   4027763.72       15.40807  (21010109)                260079.22
4027763.12       14.64613  (21010109)
        260102.23   4027762.52       15.62226  (18122409)                260125.24
4027761.93       16.71517  (18122409)
        260148.25   4027761.33       16.85503  (18122409)                260171.26
4027760.73       15.98618  (18122409)
        259941.80   4027791.69       13.48356  (21010709)                259964.81
4027791.10       11.47943  (21010709)
        259987.83   4027790.50       12.20286  (21010109)                260010.84
4027789.90       13.92166  (21010109)
        260033.85   4027789.31       14.85079  (21010109)                260056.86
4027788.71       14.87503  (21010109)
        260079.87   4027788.11       14.05856  (21010109)                260102.88
4027787.52       14.95000  (18122409)
        260125.89   4027786.92       16.15180  (18122409)                260148.90
4027786.32       16.36230  (18122409)
        260171.91   4027785.73       15.62389  (18122409)                259943.10
4027841.68       11.81978  (21010709)
        259966.11   4027841.08        9.74405  (21010709)                259989.12
4027840.48       11.73877  (21010109)
        260012.13   4027839.89       13.31254  (21010109)                260035.14
4027839.29       14.11397  (21010109)
        260058.15   4027838.69       14.09380  (21010109)                260081.16
4027838.10       13.25913  (21010109)
        260104.18   4027837.50       13.89001  (18122409)                260127.19
4027836.90       15.07772  (18122409)
        260150.20   4027836.31       15.41900  (18122409)                260173.21
4027835.71       14.87263  (18122409)
        259944.40   4027891.66       10.26747  (21010709)                259967.41
4027891.06        9.39303  (21010109)
        259990.42   4027890.47       11.30699  (21010109)                260013.43
4027889.87       12.69039  (21010109)
        260036.44   4027889.27       13.36935  (21010109)                260059.45
4027888.68       13.24738  (21010109)
        260082.46   4027888.08       12.38215  (21010109)                260105.47
4027887.48       12.83623  (18122409)
        260128.48   4027886.89       14.09196  (18122409)                260151.49
4027886.29       14.55088  (18122409)
        260174.50   4027885.69       14.18995  (18122409)                259945.69
4027941.64        8.79621  (21010709)
        259968.70   4027941.05        9.12914  (21010109)                259991.71
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4027940.45       10.85632  (21010109)
        260014.72   4027939.85       12.06768  (21010109)                260037.74
4027939.26       12.63325  (21010109)
        260060.75   4027938.66       12.48195  (21010109)                260083.76
4027938.06       11.62182  (21010109)
        260106.77   4027937.47       11.87933  (18122409)                260129.78
4027936.87       13.10566  (18122409)
        260152.79   4027936.27       13.65229  (18122409)                260175.80
4027935.68       13.46633  (18122409)
        259946.99   4027991.63        7.47297  (21010709)                259970.00
4027991.03        8.87490  (21010109)
        259993.01   4027990.43       10.46094  (21010109)                260016.02
4027989.84       11.57015  (21010109)
        260039.03   4027989.24       12.04621  (21010109)                260062.04
4027988.64       11.84210  (21010109)
        260085.05   4027988.05       10.97923  (21010109)                260108.06
4027987.45       11.07916  (18122409)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 642
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3B  ***
                                  INCLUDING SOURCE(S):     PHASE3B     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        260131.07   4027986.85       12.31593  (18122409)                260154.09
4027986.26       12.92810  (18122409)
        260177.10   4027985.66       12.88036  (18122409)                259949.58
4028091.59        6.93143  (21010109)
        259972.59   4028091.00        8.48539  (21010109)                259995.60
4028090.40        9.76600  (21010109)
        260018.61   4028089.80       10.60687  (21010109)                260041.62
4028089.21       10.90640  (21010109)
        260064.63   4028088.61       10.62239  (21010109)                260087.65
4028088.01        9.76226  (21010109)
        260110.66   4028087.42        9.58173  (18122409)                260133.67
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4028086.82       10.75088  (18122409)
        260156.68   4028086.22       11.47130  (18122409)                260179.69
4028085.63       11.68235  (18122409)
        259952.17   4028191.56        6.69684  (21010109)                259975.18
4028190.96        8.04585  (21010109)
        259998.19   4028190.37        9.10617  (21010109)                260021.20
4028189.77        9.75393  (21010109)
        260044.22   4028189.17        9.91487  (21010109)                260067.23
4028188.58        9.57514  (21010109)
        260090.24   4028187.98        8.77068  (21010109)                260113.25
4028187.38        8.41769  (18122409)
        260136.26   4028186.79        9.58264  (18122409)                260159.27
4028186.19       10.35770  (18122409)
        260182.28   4028185.59       10.64765  (18122409)                259954.76
4028291.53        6.58064  (21010109)
        259977.78   4028290.93        7.86815  (21010109)                260000.79
4028290.33        8.46584  (21010109)
        260023.80   4028289.74        8.96232  (21010109)                260046.81
4028289.14        9.01720  (21010109)
        260069.82   4028288.54        8.62940  (21010109)                260092.83
4028287.95        7.86338  (21010109)
        260115.84   4028287.35        7.52740  (18122409)                260138.85
4028286.75        8.77774  (18122409)
        260161.86   4028286.16        9.23332  (18122409)                260184.87
4028285.56        9.64723  (18122409)
        259957.36   4028391.49        6.41117  (21010109)                259980.37
4028390.89        7.54614  (21010109)
        260003.38   4028390.30        8.36451  (21010109)                260026.39
4028389.70        8.78155  (21010109)
        260049.40   4028389.10        8.75525  (21010109)                260072.41
4028388.51        8.28226  (21010109)
        260095.42   4028387.91        7.42252  (21010109)                260118.43
4028387.31        6.52228  (18122409)
        260141.44   4028386.72        7.54754  (18122409)                260164.45
4028386.12        8.34286  (18122409)
        260187.46   4028385.52        8.81028  (18122409)                259985.55
4028590.83        6.54655  (21010109)
        260008.56   4028590.23        6.98184  (21010109)                260031.57
4028589.63        7.14647  (21010109)
        260054.58   4028589.04        7.01945  (21010109)                260077.59
4028588.44        6.61867  (21010109)
        260100.61   4028587.84        5.98135  (21010109)                260123.62
4028587.25        5.32160  (21122809)
        260146.63   4028586.65        6.06017  (18122409)                260169.64
4028586.05        6.78919  (18122409)
        260192.65   4028585.46        7.31514  (18122409)                259990.74
4028790.76        5.89311  (21010109)
        260013.75   4028790.16        6.15813  (21010109)                260036.76
4028789.57        6.20332  (21010109)
        260059.77   4028788.97        6.02442  (21010109)                260082.78
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4028788.37   5.63845 (21010109)
        260105.79   4028787.78   5.08478 (21010109)   260128.80
4028787.18   4.63884 (21122809)
        260151.81   4028786.58   4.94327 (18122409)   260174.82
4028785.99   5.59538 (18122409)
        260197.83   4028785.39   6.11717 (18122409)   259995.92
4028990.69   5.30397 (21010109)
        260018.93   4028990.10   5.44732 (21010109)   260041.94
4028989.50   5.41202 (21010109)
        260064.95   4028988.90   5.20829 (21010109)   260087.96
4028988.31   4.84473 (21010109)
        260110.97   4028987.71   4.36172 (21010109)   260133.98
4028987.11   4.07896 (21122809)
        260157.00   4028986.52   4.07438 (18122409)   260180.01
4028985.92   4.65034 (18122409)
        260203.02   4028985.32   5.14480 (18122409)   260001.10
4029190.63   4.78768 (21010109)
        260024.11   4029190.03   4.84904 (21010109)   260047.13
4029189.43   4.76838 (21010109)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B ***
                                INCLUDING SOURCE(S):   PHASE3B   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        260070.14   4029188.84   4.55283 (21010109)   260093.15
4029188.24   4.44511 (21010109)
        260116.16   4029187.64   4.08449 (21122809)   260139.17
4029187.05   3.91268 (21122809)
        260162.18   4029186.45   3.59693 (21122809)   260185.19
4029185.85   4.01703 (18122409)
        260208.20   4029185.26   4.54021 (18122409)   260190.44
4027695.65   15.60953 (20010609)
        260195.46   4027670.19   17.21915 (20010609)   260214.10

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4027700.10       17.32216  (20010609)
        260192.81   4027726.50       14.60925  (18122409)                260220.40
4027671.92       18.67752  (20010609)
        260238.40   4027703.19       18.14333  (20010609)                260226.93
4027727.68       16.93821  (20010609)
        260208.71   4027745.13       15.03644  (20010609)                260245.34
4027673.65       18.92796  (20010609)
        260262.96   4027705.74       17.85754  (20010609)                260250.72
4027731.86       17.44386  (20010609)
        260225.17   4027763.53       15.58472  (20010609)                260198.54
4027774.63       13.71787  (18122409)
        260270.28   4027675.38       17.94439  (20010609)                260312.40
4027710.13       14.13741  (20010609)
        260299.29   4027738.12       15.51067  (20010609)                260286.18
4027766.11       16.20608  (20010609)
        260258.80   4027800.04       15.88809  (20010609)                260230.27
4027811.93       14.16304  (20010609)
        260201.74   4027823.82       13.12503  (18122409)                260320.16
4027678.84       12.67789  (20010609)
        260362.04   4027714.11        9.63023  (22011009)                260348.44
4027743.14       10.34313  (20010609)
        260334.84   4027772.16       12.38482  (20010609)                260321.24
4027801.19       14.05254  (20010609)
        260292.85   4027836.38       15.24501  (20010609)                260263.26
4027848.71       14.73178  (20010609)
        260233.68   4027861.03       12.70867  (20010609)                260204.09
4027873.36       12.65407  (18122409)
        260370.04   4027682.30       12.45440  (18123109)                260411.77
4027717.90       14.03711  (18123109)
        260397.86   4027747.59       10.43715  (18123109)                260383.95
4027777.27        8.92269  (22011009)
        260370.04   4027806.96        9.34764  (20010609)                260356.13
4027836.64       11.34697  (20010609)
        260327.10   4027872.63       13.75122  (20010609)                260296.84
4027885.24       14.46276  (20010609)
        260266.58   4027897.85       13.54746  (20010609)                260236.32
4027910.46       11.29114  (20010609)
        260206.06   4027923.07       12.21175  (18122409)                260419.92
4027685.76       16.97637  (18123109)
        260461.54   4027721.59       17.26684  (18123109)                260447.42
4027751.73       14.73795  (18123109)
        260433.30   4027781.87       11.52906  (18123109)                260419.17
4027812.01        8.22390  (18123109)
        260405.05   4027842.16        8.28539  (22011009)                260390.93
4027872.30        8.59483  (20010609)
        260361.44   4027908.84       11.68202  (20010609)                260330.72
4027921.64       13.40726  (20010609)
        260300.00   4027934.45       13.64945  (20010609)                260269.27
4027947.25       12.35693  (20010609)
        260238.55   4027960.05        9.92175  (20010609)                260207.82
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4027972.86       11.81917  (18122409)
        260469.80   4027689.22       18.60475  (18123109)                 260561.16
4027728.81       14.03949  (18123109)
        260546.76   4027759.54       15.79121  (18123109)                 260532.36
4027790.27       16.09080  (18123109)
        260517.96   4027821.00       14.98538  (18123109)                 260503.57
4027851.73       12.82906  (18123109)
        260489.17   4027882.47       10.06917  (18123109)                 260474.77
4027913.20        7.22951  (18123109)
        260460.37   4027943.93        7.15327  (22011009)                 260430.31
4027981.19        7.08340  (20010609)
        260398.98   4027994.25        9.73096  (20010609)                 260367.65
4028007.30       11.68981  (20010609)
        260336.32   4028020.35       12.43358  (20010609)                 260305.00
4028033.41       11.77060  (20010609)
        260273.67   4028046.46        9.95901  (20010609)                 260242.34
4028059.52        9.32534  (18122409)
        260211.02   4028072.57       11.04073  (18122409)                 260569.56
4027696.14       16.99850  (22122009)
        260660.84   4027735.91       20.60744  (22122009)                 260646.27
4027767.01       16.70252  (22122009)
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 644
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3B  ***
                                  INCLUDING SOURCE(S):     PHASE3B     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        260631.70   4027798.10       12.41391  (22122009)                 260617.12
4027829.20       12.76620  (18123109)
        260602.55   4027860.30       14.03986  (18123109)                 260587.98
4027891.40       14.13507  (18123109)
        260573.41   4027922.50       13.09113  (18123109)                 260558.84
4027953.60       11.15263  (18123109)
        260544.27   4027984.69        8.79662  (18123109)                 260529.70
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4028015.79        6.41269  (18123109)
        260499.28   4028053.49        6.45362  (22011009)                260467.58
4028066.70        6.35198  (22011009)
        260435.88   4028079.91        8.12284  (20010609)                260404.18
4028093.12       10.12856  (20010609)
        260372.48   4028106.33       11.22826  (20010609)                260340.78
4028119.54       11.11631  (20010609)
        260309.08   4028132.75        9.86765  (20010609)                260277.38
4028145.96        7.81852  (20010609)
        260245.68   4028159.17        8.98652  (18122409)                260213.98
4028172.38       10.28196  (18122409)
        260669.32   4027703.06       23.02828  (22122009)                260760.54
4027742.95       20.42458  (22122009)
        260745.85   4027774.30       20.72271  (22122009)                260731.16
4027805.65       19.11396  (22122009)
        260716.48   4027836.99       16.05889  (22122009)                260701.79
4027868.34       12.27679  (22122009)
        260687.10   4027899.69        9.99204  (18123109)                260672.42
4027931.03       11.71800  (18123109)
        260657.73   4027962.38       12.59456  (18123109)                260643.04
4027993.73       12.50929  (18123109)
        260628.35   4028025.07       11.48400  (18123109)                260613.67
4028056.42        9.74805  (18123109)
        260598.98   4028087.77        7.69757  (18123109)                260568.32
4028125.77        5.26647  (22011009)
        260536.36   4028139.09        5.89358  (22011009)                260504.41
4028152.40        5.84994  (22011009)
        260472.46   4028165.72        6.80092  (20010609)                260440.50
4028179.03        8.75401  (20010609)
        260408.55   4028192.35       10.05216  (20010609)                260376.59
4028205.67       10.35175  (20010609)
        260344.64   4028218.98        9.58697  (20010609)                260312.69
4028232.30        7.97870  (20010609)
        260280.73   4028245.61        6.98001  (18122409)                260248.78
4028258.93        8.58890  (18122409)
        260216.83   4028272.24        9.56627  (18122409)                260769.08
4027709.98       21.35684  (20010809)
        260860.50   4027749.44       18.09059  (20010809)                260846.22
4027779.91       19.07753  (20010809)
        260831.94   4027810.39       18.39730  (20010809)                260817.67
4027840.87       18.78409  (22122009)
        260803.39   4027871.34       17.90630  (22122009)                260789.11
4027901.82       15.71612  (22122009)
        260774.83   4027932.29       12.72574  (22122009)                260760.55
4027962.77        9.52011  (22122009)
        260746.27   4027993.25        9.03203  (18123109)                260731.99
4028023.72       10.50290  (18123109)
        260717.71   4028054.20       11.32218  (18123109)                260703.43
4028084.67       11.35767  (18123109)
        260689.15   4028115.15       10.63671  (18123109)                260674.87
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4028145.63        9.32406  (18123109)
        260660.60   4028176.10        7.66246  (18123109)                260637.92
4028197.81        5.78455  (18123109)
        260606.86   4028210.76        4.78504  (22011009)                260575.79
4028223.71        5.38527  (22011009)
        260544.72   4028236.65        5.44437  (22011009)                260513.66
4028249.60        5.43547  (20010609)
        260482.59   4028262.54        7.23823  (20010609)                260451.53
4028275.49        8.69905  (20010609)
        260420.46   4028288.43        9.47638  (20010609)                260389.39
4028301.38        9.38946  (20010609)
        260358.33   4028314.32        8.47513  (20010609)                260327.26
4028327.27        6.95407  (20010609)
        260296.20   4028340.22        6.29228  (18122409)                260265.13
4028353.16        7.74561  (18122409)
        260234.06   4028366.11        8.70492  (18122409)                260868.84
4027716.90       16.01881  (20010809)
        261059.92   4027763.51       13.46033  (20121609)                261045.42
4027794.44       10.67295  (20121609)
        261030.93   4027825.37       10.62854  (20010809)                261016.43
4027856.31       13.12310  (20010809)
        261001.94   4027887.24       14.93980  (20010809)                260987.45
4027918.18       15.71646  (20010809)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 645
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3B  ***
                                 INCLUDING SOURCE(S):     PHASE3B     ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        260972.95   4027949.11       15.34290  (20010809)                260958.46
4027980.05       15.48126  (22122009)
        260943.97   4028010.98       15.24411  (22122009)                260929.47
4028041.92       13.94586  (22122009)
        260914.98   4028072.85       11.86592  (22122009)                260900.48
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4028103.78        9.40041  (22122009)
        260885.99   4028134.72        6.96738  (22122009)                260871.50
4028165.65        6.82893  (18123109)
        260857.00   4028196.59        8.13927  (18123109)                260842.51
4028227.52        9.04343  (18123109)
        260828.02   4028258.46        9.41213  (18123109)                260813.52
4028289.39        9.21587  (18123109)
        260799.03   4028320.33        8.51732  (18123109)                260776.01
4028342.36        7.36450  (18123109)
        260744.48   4028355.50        5.83548  (18123109)                260712.95
4028368.64        4.22749  (18123109)
        260681.41   4028381.78        4.07420  (22011009)                260649.88
4028394.92        4.59519  (22011009)
        260618.35   4028408.06        4.69779  (22011009)                260586.81
4028421.20        4.35732  (22011009)
        260555.28   4028434.34        5.32220  (20010609)                260523.75
4028447.49        6.71702  (20010609)
        260492.21   4028460.63        7.75005  (20010609)                260460.68
4028473.77        8.18389  (20010609)
        260429.15   4028486.91        7.91972  (20010609)                260397.62
4028500.05        7.02156  (20010609)
        260366.08   4028513.19        5.74262  (20010609)                260334.55
4028526.33        4.87144  (18122409)
        260303.02   4028539.47        6.15025  (18122409)                260271.48
4028552.61        7.14241  (18122409)
        260239.95   4028565.75        7.64735  (18122409)                261068.36
4027730.74       15.53940  (20121609)
        261259.37   4027777.49       13.58872  (20121609)                261244.73
4027808.73       13.92549  (20121609)
        261230.10   4027839.96       13.19283  (20121609)                261215.46
4027871.19       11.57086  (20121609)
        261200.83   4027902.43        9.38735  (20121609)                261186.20
4027933.66        7.28163  (20010809)
        261171.56   4027964.89        9.45402  (20010809)                261156.93
4027996.13       11.39316  (20010809)
        261142.30   4028027.36       12.76669  (20010809)                261127.66
4028058.59       13.32607  (20010809)
        261113.03   4028089.83       13.00208  (20010809)                261098.39
4028121.06       12.98074  (22122009)
        261083.76   4028152.29       13.05323  (22122009)                261069.13
4028183.53       12.29847  (22122009)
        261054.49   4028214.76       10.87552  (22122009)                261039.86
4028245.99        9.02573  (22122009)
        261025.23   4028277.23        7.07272  (22122009)                261010.59
4028308.46        5.20830  (22122009)
        260995.96   4028339.69        5.37519  (18123109)                260981.32
4028370.93        6.48131  (18123109)
        260966.69   4028402.16        7.34541  (18123109)                260952.06
4028433.39        7.86004  (18123109)
        260937.42   4028464.63        7.95968  (18123109)                260914.19
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4028486.88        7.65431  (18123109)
        260882.35   4028500.15        6.87416  (18123109)                 260850.51
4028513.41        5.70905  (18123109)
        260818.67   4028526.68        4.37835  (18123109)                 260786.83
4028539.95        3.09843  (18123109)
        260755.00   4028553.21        3.54035  (22011009)                 260723.16
4028566.48        3.98640  (22011009)
        260691.32   4028579.75        4.10372  (22011009)                 260659.48
4028593.02        3.86242  (22011009)
        260627.64   4028606.28        3.94885  (20010609)                 260595.81
4028619.55        5.17359  (20010609)
        260563.97   4028632.82        6.23533  (20010609)                 260532.13
4028646.08        6.92625  (20010609)
        260500.29   4028659.35        7.11477  (20010609)                 260468.46
4028672.62        6.76224  (20010609)
        260436.62   4028685.89        5.95205  (20010609)                 260404.78
4028699.15        4.91430  (22121510)
        260372.94   4028712.42        4.24868  (22121510)                 260341.10
4028725.69        4.94144  (18122409)
        260309.27   4028738.96        5.87883  (18122409)                 260277.43
4028752.22        6.49085  (18122409)
        260245.59   4028765.49        6.67726  (18122409)                 261267.88
4027744.58       12.45303  (20121609)
        261458.97   4027791.15        7.44618  (20121609)                 261444.51
4027822.03        9.26721  (20121609)
♠ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 646
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3B  ***
                                  INCLUDING SOURCE(S):     PHASE3B     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
        261430.04   4027852.90       10.77484  (20121609)                 261415.58
4027883.77       11.74830  (20121609)
        261401.11   4027914.64       12.00229  (20121609)                 261386.65
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4027945.51       11.45934  (20121609)
        261372.18   4027976.39       10.22828  (20121609)                261357.72
4028007.26        8.54499  (20121609)
        261343.26   4028038.13        6.68610  (20121609)                261328.79
4028069.00        6.51955  (20010809)
        261314.33   4028099.87        8.23497  (20010809)                261299.86
4028130.74        9.76853  (20010809)
        261285.40   4028161.62       10.89985  (20010809)                261270.93
4028192.49       11.42496  (20010809)
        261256.47   4028223.36       11.33358  (20010809)                261242.00
4028254.23       10.88156  (22122009)
        261227.54   4028285.10       11.26896  (22122009)                261213.07
4028315.98       11.04582  (22122009)
        261198.61   4028346.85       10.26359  (22122009)                261184.15
4028377.72        9.02887  (22122009)
        261169.68   4028408.59        7.52883  (22122009)                261155.22
4028439.46        5.96926  (22122009)
        261140.75   4028470.34        4.49612  (22122009)                261126.29
4028501.21        3.93339  (18123109)
        261111.82   4028532.08        4.86920  (18123109)                261097.36
4028562.95        5.71372  (18123109)
        261082.89   4028593.82        6.36625  (18123109)                261052.69
4028631.25        6.91604  (18123109)
        261021.23   4028644.37        6.87105  (18123109)                260989.76
4028657.48        6.38635  (18123109)
        260958.29   4028670.59        5.54746  (18123109)                260926.82
4028683.71        4.49846  (18123109)
        260895.35   4028696.82        3.40239  (18123109)                260863.88
4028709.94        2.70361  (21010710)
        260832.41   4028723.05        3.05158  (22011009)                260800.94
4028736.16        3.45814  (22011009)
        260769.47   4028749.28        3.62310  (22011009)                260738.00
4028762.39        3.50955  (22011009)
        260706.53   4028775.50        3.14185  (22011009)                260675.06
4028788.62        3.74892  (20010609)
        260643.59   4028801.73        4.74468  (20010609)                260612.12
4028814.85        5.58940  (20010609)
        260580.65   4028827.96        6.13588  (20010609)                260549.18
4028841.07        6.28367  (20010609)
        260517.71   4028854.19        6.00632  (20010609)                260486.24
4028867.30        5.36838  (20010609)
        260454.77   4028880.41        4.77816  (22121510)                260423.30
4028893.53        4.24018  (22121510)
        260391.83   4028906.64        3.63589  (18122409)                260360.37
4028919.75        4.52147  (18122409)
        260328.90   4028932.87        5.26541  (18122409)                260297.43
4028945.98        5.74973  (18122409)
        260265.96   4028959.10        5.89238  (18122409)                260234.49
4028972.21        5.67879  (18122409)
        261467.40   4027758.42        5.67602  (20121609)                261658.44
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4027805.11   2.67496 (20121609)
        261643.87   4027836.20   3.92389 (20121609)   261629.30
4027867.30   5.40017 (20121609)
        261614.73   4027898.40   6.97415 (20121609)   261600.16
4027929.50   8.46400 (20121609)
        261585.59   4027960.60   9.65999 (20121609)   261571.02
4027991.69   10.36611 (20121609)
        261556.45   4028022.79   10.48276 (20121609)   261541.88
4028053.89   9.99885 (20121609)
        261527.30   4028084.99   8.98567 (20121609)   261512.73
4028116.09   7.60957 (20121609)
        261498.16   4028147.19   6.07070 (20121609)   261483.59
4028178.28   4.68929 (20010809)
        261469.02   4028209.38   6.10517 (20010809)   261454.45
4028240.48   7.50522 (20010809)
        261439.88   4028271.58   8.72163 (20010809)   261425.31
4028302.68   9.59763 (20010809)
        261410.74   4028333.77   10.00373 (20010809)   261396.17
4028364.87   9.88672 (20010809)
        261381.60   4028395.97   9.36748 (22122009)   261367.03
4028427.07   9.81415 (22122009)
        261352.46   4028458.17   9.77118 (22122009)   261337.89
4028489.27   9.24998 (22122009)
        261323.32   4028520.36   8.34901 (22122009)   261308.75
4028551.46   7.19574 (22122009)
        261294.18   4028582.56   5.90922 (22122009)   261279.61
4028613.66   4.63050 (22122009)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B ***
                                 INCLUDING SOURCE(S):   PHASE3B   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
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- -
        261265.04   4028644.76   3.47556 (22122009)   261250.47

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4028675.85        3.23276  (22122016)
        261235.90   4028706.95        3.99995  (18123109)                261221.32
4028738.05        4.73325  (18123109)
        261190.90   4028775.75        5.67021  (18123109)                261159.20
4028788.96        6.09554  (18123109)
        261127.50   4028802.17        6.16884  (18123109)                261095.80
4028815.38        5.87607  (18123109)
        261064.10   4028828.59        5.25836  (18123109)                261032.40
4028841.80        4.42117  (18123109)
        261000.70   4028855.01        3.49438  (18123109)                260969.00
4028868.22        2.64621  (20012309)
        260937.30   4028881.43        2.51745  (21010710)                260905.60
4028894.64        2.71607  (22011009)
        260873.90   4028907.85        3.06802  (22011009)                260842.20
4028921.06        3.22356  (22011009)
        260810.50   4028934.27        3.14927  (22011009)                260778.80
4028947.48        2.86343  (22011009)
        260747.10   4028960.69        2.88254  (20010609)                260715.40
4028973.90        3.73874  (20010609)
        260683.70   4028987.11        4.54014  (20010609)                260652.00
4029000.32        5.17302  (20010609)
        260620.30   4029013.53        5.53227  (20010609)                260588.60
4029026.74        5.54980  (20010609)
        260556.90   4029039.95        5.23614  (20010609)                260525.20
4029053.16        4.71137  (22121510)
        260493.50   4029066.37        4.50120  (22121510)                260461.80
4029079.58        4.01236  (22121510)
        260430.10   4029092.79        3.34848  (22121510)                260398.40
4029106.00        3.73099  (18122409)
        260366.70   4029119.21        4.42468  (18122409)                260335.00
4029132.42        4.94461  (18122409)
        260303.30   4029145.63        5.21698  (18122409)                260271.60
4029158.84        5.19771  (18122409)
        260239.90   4029172.05        4.89248  (18122409)                261666.92
4027772.26        2.05631  (20112009)
        260195.10   4027643.19       18.42345  (20010609)                260194.68
4027618.34       19.53127  (20010609)
        260194.26   4027593.49       20.63080  (20010609)                260193.84
4027568.64       21.76721  (20010609)
        260193.42   4027543.79       22.86314  (20010609)                260193.01
4027518.94       23.92843  (20010609)
        260192.59   4027494.09       24.97535  (20010609)                260192.17
4027469.24       26.01681  (20010609)
        260191.75   4027444.39       27.08779  (20010609)                260191.33
4027419.55       28.14773  (20010609)
        260190.91   4027394.70       29.06479  (20010609)                260190.50
4027369.85       29.76573  (20010609)
        260190.08   4027345.00       30.39744  (20010609)                260189.66
4027320.15       31.39620  (20010609)
        260189.24   4027295.30       34.64501  (18123109)                260188.82
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4027270.45   38.23739 (18123109)
        260188.40   4027245.60   42.68583 (22122009)   260187.99
4027220.75   53.23829 (22122009)
        260187.57   4027195.90   63.97342 (22122009)   260187.15
4027171.05   74.56472 (22122009)
        260186.73   4027146.20   86.48842 (22122009)   260186.31
4027121.35   97.33266 (20010809)
        260185.89   4027096.50   101.00926 (20121609)   260185.48
4027071.65   98.68548 (20121609)
        260185.06   4027046.81   93.71937 (20121609)   260184.64
4027021.96   84.60297 (20121609)
        260184.22   4026997.11   71.74903 (20121609)   260183.80
4026972.26   70.26121 (22121609)
        260183.38   4026947.41   69.10497 (19121116)   260182.96
4026922.56   75.76479 (19121116)
        260220.09   4027642.77   19.65628 (20010609)   260219.68
4027617.92   20.48123 (20010609)
        260219.26   4027593.07   21.27415 (20010609)   260218.84
4027568.22   22.10220 (20010609)
        260218.42   4027543.37   22.66547 (20010609)   260218.00
4027518.52   23.23048 (20010609)
        260217.58   4027493.67   24.05975 (20010609)   260217.17
4027468.82   24.78932 (20010609)
        260216.75   4027443.97   25.34645 (20010609)   260216.33
4027419.12   25.83649 (20010609)
        260215.91   4027394.28   25.93548 (20010609)   260215.49
4027369.43   26.39111 (18123109)
        260215.07   4027344.58   30.40141 (18123109)   260214.66
4027319.73   34.81981 (18123109)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B ***
                                 INCLUDING SOURCE(S):   PHASE3B   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -

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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        260214.24   4027294.88       38.62904  (18123109)                260213.82
4027270.03       43.63726  (22122009)
        260213.40   4027245.18       52.95539  (22122009)                260212.98
4027220.33       61.30616  (22122009)
        260212.56   4027195.48       69.51585  (22122009)                260212.15
4027170.63       81.12920  (22122009)
        260211.73   4027145.78       88.39219  (20010809)                260211.31
4027120.93       93.60770  (20121609)
        260210.89   4027096.08       91.75097  (20121609)                260210.47
4027071.23       87.74647  (20121609)
        260210.05   4027046.38       80.49845  (20121609)                260209.63
4027021.54       69.47688  (20121609)
        260209.22   4026996.69       66.26372  (22121609)                260208.80
4026971.84       66.46533  (22121609)
        260208.38   4026946.99       64.05297  (22121609)                260207.96
4026922.14       56.84553  (22121609)
        260245.09   4027642.35       19.59020  (20010609)                260244.67
4027617.50       20.10564  (20010609)
        260244.25   4027592.65       20.51235  (20010609)                260243.84
4027567.80       20.77073  (20010609)
        260243.42   4027542.95       20.72940  (20010609)                260243.00
4027518.10       20.86383  (20010609)
        260242.58   4027493.25       21.21918  (20010609)                260242.16
4027468.40       21.45715  (20010609)
        260241.74   4027443.55       21.02590  (20010609)                260241.33
4027418.70       23.24677  (18123109)
        260240.91   4027393.85       26.49846  (18123109)                260240.49
4027369.01       29.49101  (18123109)
        260240.07   4027344.16       32.39510  (18123109)                260239.65
4027319.31       36.01370  (18123109)
        260239.23   4027294.46       41.35860  (22122009)                260238.82
4027269.61       50.64389  (22122009)
        260238.40   4027244.76       60.59358  (22122009)                260237.98
4027219.91       69.52462  (22122009)
        260237.56   4027195.06       74.90610  (22122009)                260237.14
4027170.21       81.08482  (20010809)
        260236.72   4027145.36       83.36672  (20121609)                260236.30
4027120.51       83.82722  (20121609)
        260235.89   4027095.66       80.46016  (20121609)                260235.47
4027070.81       74.76228  (20121609)
        260235.05   4027045.96       65.90252  (20121609)                260234.63
4027021.11       60.75072  (22121609)
        260234.21   4026996.26       60.93155  (22121609)                260233.79
4026971.42       60.89581  (22121609)
        260233.38   4026946.57       58.77743  (22121609)                260232.96
4026921.72       51.47651  (22121609)
        260232.54   4026896.87       47.12310  (19121116)                260270.09
4027641.93       18.13965  (20010609)
        260269.67   4027617.08       18.22759  (20010609)                260269.25
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4027592.23   18.21088 (20010609)
        260268.83   4027567.38   17.90138 (20010609)   260268.41
4027542.53   17.49618 (20010609)
        260268.00   4027517.68   17.16998 (20010609)   260267.58
4027492.83   17.70838 (18123109)
        260267.16   4027467.98   21.01144 (18123109)   260266.74
4027443.13   23.84050 (18123109)
        260266.32   4027418.28   26.23208 (18123109)   260265.90
4027393.43   28.90685 (18123109)
        260265.49   4027368.58   31.40010 (18123109)   260265.07
4027343.73   33.13789 (18123109)
        260264.65   4027318.89   37.73926 (22122009)   260264.23
4027294.04   46.01593 (22122009)
        260263.81   4027269.19   54.09330 (22122009)   260263.39
4027244.34   62.89445 (22122009)
        260262.97   4027219.49   69.05821 (22122009)   260262.56
4027194.64   72.39211 (20010809)
        260262.14   4027169.79   73.20844 (20121609)   260261.72
4027144.94   76.64667 (20121609)
        260261.30   4027120.09   74.58459 (20121609)   260260.88
4027095.24   69.87321 (20121609)
        260260.46   4027070.39   62.43564 (20121609)   260320.08
4027641.09   11.85652 (20010609)
        260319.66   4027616.24   12.02383 (18123109)   260319.24
4027591.39   14.42533 (18123109)
        260318.83   4027566.54   16.87476 (18123109)   260318.41
4027541.69   19.28898 (18123109)
        260317.99   4027516.84   21.68635 (18123109)   260317.57
4027491.99   24.10165 (18123109)
        260317.15   4027467.14   26.38851 (18123109)   260316.73
4027442.29   27.90246 (18123109)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE3B ***
                                 INCLUDING SOURCE(S):   PHASE3B   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)

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Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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4027614.55       20.84822  (18123109)
        260419.23   4027589.70       21.47743  (18123109)                260418.81
4027564.85       21.69743  (18123109)
        260418.39   4027540.00       21.47319  (18123109)                260417.97
4027515.16       23.22577  (22122009)
        260417.56   4027490.31       27.82008  (22122009)                260417.14
4027465.46       32.17948  (22122009)
        260416.72   4027440.61       36.27920  (22122009)                260416.30
4027415.76       39.23517  (22122009)
        260415.88   4027390.91       40.34054  (22122009)                260415.46
4027366.06       40.79820  (20010809)
        260415.05   4027341.21       41.27252  (20010809)                260414.63
4027316.36       40.57129  (20010809)
        260414.21   4027291.51       39.20656  (20121609)                260413.79
4027266.66       42.23928  (20121609)
        260413.37   4027241.81       43.80045  (20121609)                260412.95
4027216.96       43.19132  (20121609)
        260412.54   4027192.11       40.78004  (20121609)                260412.12
4027167.26       37.27523  (20121609)
        260411.70   4027142.41       31.46455  (20121609)                260411.28
4027117.57       23.72548  (20121609)
        260410.86   4027092.72       25.81582  (22121609)                260410.44
4027067.87       32.85309  (22121609)
        260410.02   4027043.02       35.57900  (22121609)                260409.61
4027018.17       36.18111  (22121609)
        260409.19   4026993.32       37.05982  (22121609)                260408.77
4026968.47       37.00122  (22121609)
        260408.35   4026943.62       34.29218  (22121609)                260407.93
4026918.77       27.60239  (22121609)
        260407.51   4026893.92       19.65047  (18011209)                260470.48
4027663.41       18.92158  (18123109)
        260470.06   4027638.56       18.86747  (18123109)                260469.64
4027613.71       18.54055  (18123109)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 650
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3B  ***
                                 INCLUDING SOURCE(S):     PHASE3B     ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
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      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
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4027090.19       19.95360  (22121609)
        260560.42   4027065.34       24.99618  (22121609)                260560.00
4027040.49       28.03774  (22121609)
        260559.59   4027015.64       29.30541  (22121609)                260559.17
4026990.79       29.32683  (22121609)
        260558.75   4026965.94       28.11131  (22121609)                260558.33
4026941.09       25.07983  (22121609)
        260557.91   4026916.25       20.01667  (22121609)                260557.49
4026891.40       13.85971  (22121609)
        260670.45   4027660.04       23.97968  (22122009)                260670.03
4027635.19       24.29926  (20010809)
        260669.61   4027610.34       25.17158  (20010809)                260669.19
4027585.49       25.23215  (20010809)
        260668.78   4027560.65       24.39868  (20010809)                260668.36
4027535.80       22.78108  (20010809)
        260667.94   4027510.95       20.50152  (20010809)                260667.52
4027486.10       22.70124  (20121609)
        260667.10   4027461.25       25.93768  (20121609)                260666.68
4027436.40       28.24198  (20121609)
        260666.27   4027411.55       29.30546  (20121609)                260665.85
4027386.70       28.98602  (20121609)
        260665.43   4027361.85       27.28645  (20121609)                260665.01
4027337.00       24.40394  (20121609)
        260664.59   4027312.15       20.70104  (20121609)                260664.17
4027287.30       16.59557  (20121609)
        260663.75   4027262.45       12.46613  (20121609)                260663.34
4027237.60        8.67501  (20121609)
        260662.92   4027212.75        5.51556  (20121609)                260662.50
4027187.90        6.91576  (18121109)
        260662.08   4027163.06        7.94879  (18121109)                260661.66
4027138.21        8.40836  (18121109)
        260661.24   4027113.36       12.51496  (22121609)                260660.83
4027088.51       17.36913  (22121609)
        260660.41   4027063.66       21.38870  (22121609)                260769.98
4027675.57       21.06101  (20010809)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 651
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3B  ***
                                 INCLUDING SOURCE(S):     PHASE3B     ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
260770.02	4027633.51	19.18642	(20010809)	260769.60	4027608.66	17.36722	(20010809)
260769.18	4027583.81	16.15224	(20121609)	260768.76	4027558.96	19.22734	(20121609)
260768.34	4027534.11	21.91158	(20121609)	260767.92	4027509.26	23.86423	(20121609)
260767.51	4027484.41	24.90739	(20121609)	260767.09	4027459.56	24.89055	(20121609)
260766.67	4027434.72	23.79123	(20121609)	260766.25	4027409.87	21.72206	(20121609)
260765.83	4027385.02	18.91902	(20121609)	260765.41	4027360.17	15.66918	(20121609)
260765.00	4027335.32	12.29165	(20121609)	260764.58	4027310.47	9.07159	(20121609)
260764.16	4027285.62	6.24733	(20121609)	260763.74	4027260.77	4.31922	(22011309)
260763.32	4027235.92	4.97033	(18121109)	260762.90	4027211.07	6.46386	(18121109)
260762.49	4027186.22	7.54011	(18121109)	260762.07	4027161.37	8.09733	(18121109)
260761.65	4027136.52	8.18274	(18121109)	260761.23	4027111.67	11.58063	(22121609)
260760.81	4027086.82	15.58813	(22121609)	260760.39	4027061.97	18.91064	(22121609)
260759.98	4027037.13	21.16366	(22121609)	260759.56	4027012.28	22.20977	(22121609)
260759.14	4026987.43	22.07423	(22121609)	260758.72	4026962.58	20.65482	(22121609)
260758.30	4026937.73	18.01528	(22121609)	260757.88	4026912.88	14.60707	(22121609)
260757.46	4026888.03	10.72152	(22121609)	260869.89	4027676.75	13.16296	(20010809)
260870.00	4027631.83	16.67052	(20121609)	260869.58	4027606.98	18.81859	(20121609)
260869.17	4027582.13	20.45319	(20121609)	260868.75	4027557.28	21.43259	(20121609)
260868.33	4027532.43	21.64059	(20121609)	260867.91	4027507.58	20.95396	(20121609)
260867.49	4027482.73	19.45261	(20121609)	260867.07	4027457.88	17.30861	(20121609)
260866.66	4027433.03	14.74532	(20121609)	260866.24	4027408.18	11.99222	(20121609)
260865.82	4027383.33	9.23771	(20121609)	260865.40			

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4027358.48        6.71774  (20121609)
        260864.98   4027333.63        4.60572  (20121609)                260864.56
4027308.78        3.94720  (22011309)
        260864.14   4027283.94        4.25208  (22011309)                260863.73
4027259.09        4.61577  (18121109)
        260863.31   4027234.24        6.03260  (18121109)                260862.89
4027209.39        7.18001  (18121109)
        260862.47   4027184.54        7.88136  (18121109)                260862.05
4027159.69        8.08398  (18121109)
        260861.63   4027134.84        7.82992  (18121109)                260861.22
4027109.99       10.86906  (22121609)
        260860.80   4027085.14       14.14478  (22121609)                260860.38
4027060.29       16.88349  (22121609)
        261069.89   4027672.67       16.85061  (20121609)                261069.97
4027628.46       15.83874  (20121609)
        261069.56   4027603.61       14.58845  (20121609)                261069.14
4027578.76       12.97570  (20121609)
        261068.72   4027553.91       11.12898  (20121609)                261068.30
4027529.06        9.15116  (20121609)
        261067.88   4027504.21        7.25902  (20121609)                261067.46
4027479.36        5.51268  (20121609)
        261067.05   4027454.51        3.99163  (20121609)                261066.63
4027429.66        2.74851  (20121609)
        261066.21   4027404.82        3.17956  (22011309)                261065.79
4027379.97        3.67423  (22011309)
        261065.37   4027355.12        3.96647  (22011309)                261064.95
4027330.27        4.09480  (22011309)
        261064.54   4027305.42        4.28659  (18121109)                261064.12
4027280.57        5.37982  (18121109)
        261063.70   4027255.72        6.36093  (18121109)                261063.28
4027230.87        7.21992  (18121109)
        261062.86   4027206.02        7.76928  (18121109)                261062.44
4027181.17        7.75050  (18121109)
        261062.02   4027156.32        7.20932  (18121109)                261061.61
4027131.47        7.34491  (22121609)
        261061.19   4027106.62        9.59244  (22121609)                261060.77
4027081.77       11.97268  (22121609)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 652
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3B  ***
                                  INCLUDING SOURCE(S):     PHASE3B     ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
```

***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
261060.35	4027056.92	13.95135	(22121609)	261269.74	4027673.60	8.80001	(20121609)
261269.12	4027697.26	10.18022	(20121609)	261268.50	4027720.92	11.42767	(20121609)
261270.36	4027649.94	7.37515	(20121609)	261269.95	4027625.09	5.94411	(20121609)
261269.53	4027600.24	4.64176	(20121609)	261269.11	4027575.39	3.48940	(20121609)
261268.69	4027550.54	2.51382	(20121609)	261268.27	4027525.70	1.97603	(20112009)
261267.85	4027500.85	2.31891	(22011309)	261267.44	4027476.00	2.84783	(22011309)
261267.02	4027451.15	3.32272	(22011309)	261266.60	4027426.30	3.68729	(22011309)
261266.18	4027401.45	3.81532	(22011309)	261265.76	4027376.60	3.73650	(22011309)
261265.34	4027351.75	3.86751	(18121109)	261264.93	4027326.90	5.13336	(18121109)
261264.51	4027302.05	6.04291	(18121109)	261264.09	4027277.20	6.84271	(18121109)
261263.67	4027252.35	7.27462	(18121109)	261263.25	4027227.50	7.09739	(18121109)
261262.83	4027202.65	6.69666	(18121109)	261262.41	4027177.80	6.16948	(18121109)
261262.00	4027152.95	5.31313	(18121109)	261261.58	4027128.11	6.90792	(22121609)
261261.16	4027103.26	8.72556	(22121609)	261260.74	4027078.41	10.42236	(22121609)
261260.32	4027053.56	11.80643	(22121609)	261469.75	4027668.94	2.25294	(20121609)
261468.58	4027713.68	3.77298	(20121609)	261470.34	4027646.58	2.00752	(20112009)
261469.92	4027621.73	1.77402	(20112009)	261469.50	4027596.88	1.76656	(22011309)
261469.08	4027572.03	2.26047	(22011309)	261468.66	4027547.18	2.69385	(22011309)
261468.24	4027522.33	3.09361	(22011309)	261467.83	4027497.48	3.41338	(22011309)
261467.41	4027472.63	3.60351	(22011309)	261466.99	4027447.78	3.60841	(22011309)
261466.57	4027422.93	3.43879	(22011309)	261466.15			

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4027398.08        3.70811  (18121109)
        261465.73   4027373.23        4.72695  (18121109)                261465.32
4027348.38        5.64973  (18121109)
        261464.90   4027323.53        6.34137  (18121109)                261464.48
4027298.68        6.81120  (18121109)
        261464.06   4027273.83        6.99038  (18121109)                261463.64
4027248.99        6.82884  (18121109)
        261463.22   4027224.14        6.28599  (18121109)                261462.80
4027199.29        5.52918  (18121109)
        261462.39   4027174.44        4.56278  (18121109)                261461.97
4027149.59        5.07216  (22121609)
        261461.55   4027124.74        6.43870  (22121609)                261461.13
4027099.89        7.83951  (22121609)
        261460.71   4027075.04        9.15567  (22121609)                261460.29
4027050.19       10.18494  (22121609)
        261459.88   4027025.34       10.81287  (22121609)                261459.46
4027000.49       11.00521  (22121609)
        261459.04   4026975.64       10.74114  (22121609)                261458.62
4026950.79       10.02930  (22121609)
        261458.20   4026925.94        8.96307  (22121609)                261457.78
4026901.09        7.65670  (22121609)
        261457.37   4026876.25        6.23382  (22121609)                261669.74
4027664.72        1.77734  (22011309)
        261668.62   4027707.73        1.56500  (20112009)                261669.89
4027618.36        2.53114  (22011309)
        261669.47   4027593.51        2.91359  (22011309)                261669.05
4027568.66        3.19541  (22011309)
        261668.63   4027543.81        3.36400  (22011309)                261668.22
4027518.96        3.40676  (22011309)
        261667.80   4027494.11        3.31213  (22011309)                261667.38
4027469.26        3.08531  (22011309)
        261666.96   4027444.41        3.46234  (18121109)                261666.54
4027419.56        4.33879  (18121109)
        261666.12   4027394.71        5.18055  (18121109)                261665.71
4027369.87        5.88815  (18121109)
        261665.29   4027345.02        6.38972  (18121109)                261664.87
4027320.17        6.64142  (18121109)
        261664.45   4027295.32        6.53651  (18121109)                261664.03
4027270.47        6.15074  (18121109)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                PAGE 653
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE3B  ***
                                INCLUDING SOURCE(S):     PHASE3B     ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
261663.61	4027245.62	5.52896	(18121109)	261663.19	4027220.77	4.75000	(18121109)
261662.78	4027195.92	3.88323	(18121109)	261662.36	4027171.07	3.85813	(22121609)
261661.94	4027146.22	4.94616	(22121609)	261661.52	4027121.37	6.08195	(22121609)
261661.10	4027096.52	7.17941	(22121609)	261660.68	4027071.67	8.14374	(22121609)
261660.27	4027046.82	8.88935	(22121609)	261659.85	4027021.97	9.33153	(22121609)
261659.43	4026997.12	9.43030	(22121609)	261659.01	4026972.28	9.17605	(22121609)
261658.59	4026947.43	8.59337	(22121609)	261658.17	4026922.58	7.74013	(22121609)
261657.76	4026897.73	6.70097	(22121609)	261657.34	4026872.88	5.56915	(22121609)
260288.10	4026826.13	38.17741	(22010709)	260294.23	4026848.07	34.12796	(21122009)
260300.37	4026870.01	31.29711	(21122009)	260348.08	4026861.01	23.70718	(21122009)
260374.46	4026775.74	28.50851	(21122009)	260380.66	4026797.90	26.65517	(21122009)
260386.85	4026820.06	23.57075	(21122009)	260393.05	4026842.22	20.06241	(18011209)
260399.25	4026864.38	20.37798	(18011209)	260420.80	4026761.83	24.22063	(21122009)
260504.00	4026700.14	20.04481	(21122009)	260510.29	4026722.64	18.24219	(21122009)
260516.59	4026745.14	15.32859	(21122009)	260522.88	4026767.64	12.16789	(18011209)
260529.17	4026790.14	14.43230	(18011209)	260535.47	4026812.64	15.49455	(18011209)
260541.76	4026835.14	15.71518	(18011209)	260548.05	4026857.65	15.24435	(18011209)
260590.35	4026649.71	16.64436	(21122009)	260596.64	4026672.21	14.56061	(21122009)
260602.94	4026694.71	11.91719	(21122009)	260609.23	4026717.21	8.97784	(21122009)
260615.52	4026739.71	10.79616	(18011209)	260626.01			

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4026777.21       13.16387  (18011209)
        260648.04   4026855.96       11.71853  (18011209)                260676.70
4026599.27       13.74338  (21122009)
        260682.99   4026621.77       11.68515  (21122009)                260689.29
4026644.27        9.28859  (21122009)
        260695.58   4026666.77        6.86931  (21122009)                260701.87
4026689.27        7.73985  (18011209)
        260708.17   4026711.78        9.77314  (18011209)                260714.46
4026734.28       11.19672  (18011209)
        260720.75   4026756.78       11.90150  (18011209)                260727.05
4026779.28       11.96936  (18011209)
        260733.34   4026801.78       11.40232  (18011209)                260739.63
4026824.28       10.28377  (18011209)
        260745.93   4026846.78       10.25196  (22122809)                260763.05
4026548.84       11.29139  (21122009)
        260769.34   4026571.34        9.45447  (21122009)                260775.64
4026593.84        7.40114  (21122009)
        260781.93   4026616.34        6.18247  (22120209)                260788.22
4026638.84        6.85899  (22120209)
        260794.52   4026661.34        7.29549  (22120209)                260800.81
4026683.84        8.88596  (18011209)
        260807.10   4026706.34       10.02451  (18011209)                260813.40
4026728.84       10.56440  (18011209)
        260825.98   4026773.84       10.02091  (18011209)                260846.96
4026848.84        9.01013  (22122809)
        260935.75   4026447.97        7.81936  (21122009)                260942.04
4026470.47        6.33495  (21122009)
        260948.34   4026492.97        4.83741  (21122009)                260954.63
4026515.47        5.05226  (22120209)
        260960.92   4026537.97        5.71410  (22120209)                260967.22
4026560.47        6.24859  (22120209)
        260973.51   4026582.97        6.56982  (22120209)                260979.80
4026605.47        6.66301  (22120209)
        260986.10   4026627.97        7.60748  (18011209)                260992.39
4026650.47        8.37007  (18011209)
        260998.68   4026672.97        8.72551  (18011209)                261004.98
4026695.47        8.60886  (18011209)
        261011.27   4026717.98        8.04503  (18011209)                261019.66
4026747.98        6.75645  (22122809)
        261108.46   4026347.13        5.55401  (21122009)                261114.80
4026369.78        4.38254  (21122009)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                PAGE 654
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
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VALUES FOR SOURCE GROUP: PHASE3B ***
                                INCLUDING SOURCE(S):   PHASE3B   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        261121.13   4026392.44   3.62817 (22120209)   261127.47
4026415.10   4.24229 (22120209)
        261133.81   4026437.76   4.81285 (22120209)   261140.15
4026460.42   5.31571 (22120209)
        261146.48   4026483.08   5.72557 (22120209)   261152.82
4026505.74   6.01427 (22120209)
        261159.16   4026528.40   6.14829 (22120209)   261165.50
4026551.06   6.12248 (22120209)
        261171.84   4026573.72   6.72531 (18011209)   261178.17
4026596.37   7.16026 (18011209)
        261184.51   4026619.03   7.24365 (18011209)   261190.85
4026641.69   6.97167 (18011209)
        261197.19   4026664.35   6.39765 (18011209)   261203.52
4026687.01   5.58382 (18011209)
        261209.86   4026709.67   5.70352 (22122809)   261219.37
4026743.66   6.27615 (22122809)
        261281.16   4026246.25   4.00301 (21122009)   261287.49
4026268.89   3.10459 (21122009)
        261293.82   4026291.52   3.00054 (22120209)   261300.15
4026314.16   3.45553 (22120209)
        261306.48   4026336.79   3.92717 (22120209)   261312.81
4026359.42   4.41327 (22120209)
        261319.14   4026382.06   4.84844 (22120209)   261325.47
4026404.69   5.19892 (22120209)
        261331.80   4026427.33   5.42946 (22120209)   261338.13
4026449.96   5.55366 (22120209)
        261344.47   4026472.60   5.50798 (22120209)   261350.80
4026495.23   5.38651 (22120209)
        261357.13   4026517.87   5.90025 (18011209)   261363.46
4026540.50   6.20914 (18011209)
        261369.79   4026563.14   6.21413 (18011209)   261376.12
4026585.77   5.92908 (18011209)
        261382.45   4026608.40   5.38996 (18011209)   261388.78
4026631.04   4.67053 (18011209)
        261395.11   4026653.67   4.54863 (22122809)   261401.44
4026676.31   5.04348 (22122809)
        261407.77   4026698.94   5.32034 (22122809)   261414.10

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4026721.58        5.35900  (22122809)
        261420.44   4026744.21        5.15629  (22122809)                261426.77
4026766.85        4.74441  (22122809)
        261433.10   4026789.48        4.15460  (22122809)                261439.43
4026812.11        3.45897  (22122809)
        261445.76   4026834.75        3.97998  (22121609)                261453.86
4026145.38        2.94600  (21122009)
        261460.18   4026168.00        2.27375  (21122009)                261466.51
4026190.61        2.62913  (22120209)
        261472.83   4026213.23        3.06215  (22120209)                261479.16
4026235.85        3.47984  (22120209)
        261485.49   4026258.46        3.88478  (22120209)                261491.81
4026281.08        4.27039  (22120209)
        261498.14   4026303.70        4.61778  (22120209)                261504.46
4026326.31        4.90907  (22120209)
        261510.79   4026348.93        5.10133  (22120209)                261517.11
4026371.55        5.17639  (22120209)
        261523.44   4026394.16        5.15955  (22120209)                261529.77
4026416.78        5.01592  (22120209)
        261536.09   4026439.39        4.81780  (18011209)                261542.42
4026462.01        5.17307  (18011209)
        261548.74   4026484.63        5.34684  (18011209)                261555.07
4026507.24        5.31437  (18011209)
        261561.40   4026529.86        5.03801  (18011209)                261567.72
4026552.48        4.56301  (18011209)
        261574.05   4026575.09        3.95073  (18011209)                261580.37
4026597.71        3.64073  (22122809)
        261586.70   4026620.33        4.12669  (22122809)                261593.02
4026642.94        4.46758  (22122809)
        261599.35   4026665.56        4.63138  (22122809)                261605.68
4026688.18        4.60992  (22122809)
        261612.00   4026710.79        4.39358  (22122809)                261618.33
4026733.41        4.01903  (22122809)
        261624.65   4026756.03        3.52023  (22122809)                261630.98
4026778.64        2.94485  (22122809)
        261637.31   4026801.26        2.87192  (21111709)                261643.63
4026823.88        3.60327  (21111709)
        261649.96   4026846.49        4.38346  (22121609)                260178.22
4026852.86       90.00542  (19121116)
        260186.13   4026829.14       79.90674  (19121116)                260206.65
4026845.81       77.23484  (19121116)
        260187.19   4026799.87       68.45946  (19121116)                260223.53
4026769.10       66.41107  (19121116)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3B ***
INCLUDING SOURCE(S):   PHASE3B   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
260244.05	4026785.76	65.18789	(19121116)	260264.57	4026802.43	53.82175	(19121116)
260226.11	4026710.93	51.34900	(19121116)	260248.00	4026728.70	58.64026	(19121116)
260299.44	4026710.19	51.69945	(19121116)	260321.04	4026727.73	43.43047	(19121116)
260342.64	4026745.27	35.72707	(22010709)	260257.58	4026615.93	33.55505	(19121116)
260278.99	4026633.32	42.60875	(19121116)	260300.41	4026650.70	47.89246	(19121116)
260321.82	4026668.09	47.46010	(19121116)	260343.24	4026685.48	41.59064	(19121116)
260333.14	4026556.74	34.55868	(19121116)	260355.03	4026574.51	38.24267	(19121116)
260376.92	4026592.29	37.88681	(19121116)	260398.81	4026610.06	33.95213	(19121116)
260420.70	4026627.83	27.99851	(22010709)	260442.59	4026645.61	26.16803	(22010709)
260464.49	4026663.38	21.67812	(22010709)	260486.38	4026681.15	21.17052	(21122009)
260320.88	4026426.24	19.01205	(19120316)	260342.49	4026443.78	17.06429	(19121116)
260364.09	4026461.32	24.17789	(19121116)	260385.69	4026478.86	30.31400	(19121116)
260407.30	4026496.40	33.87457	(19121116)	260428.90	4026513.94	33.99609	(19121116)
260450.50	4026531.48	31.30122	(19121116)	260472.11	4026549.02	25.53914	(19121116)
260572.92	4026630.87	18.25104	(21122009)	260352.60	4026331.45	17.11898	(19120316)
260374.49	4026349.23	15.17453	(19120316)	260396.39	4026367.00	15.27173	(19121116)
260483.95	4026438.10	29.63290	(19121116)	260505.84	4026455.87	27.40598	(19121116)
260527.73	4026473.64	22.79704	(19121116)	260549.62			

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4026491.42       21.50604  (22010709)
        260571.51   4026509.19       20.59110  (22010709)                260593.40
4026526.96       17.68416  (22010709)
        260615.30   4026544.74       15.69012  (21122009)                260637.19
4026562.51       16.46041  (21122009)
        260659.08   4026580.28       15.63241  (21122009)                260384.16
4026236.53       14.98492  (19120316)
        260405.84   4026254.14       13.77940  (19120316)                260427.53
4026271.74       11.66980  (19120316)
        260449.21   4026289.35       14.00002  (19121116)                260470.90
4026306.95       18.97534  (19121116)
        260492.58   4026324.56       23.16671  (19121116)                260514.26
4026342.17       25.65682  (19121116)
        260535.95   4026359.77       26.41760  (19121116)                260557.63
4026377.38       24.87454  (19121116)
        260579.32   4026394.98       21.25025  (19121116)                260601.00
4026412.59       18.23583  (22010709)
        260622.69   4026430.19       18.40541  (22010709)                260644.37
4026447.80       16.93723  (22010709)
        260709.42   4026500.62       14.44359  (21122009)                260731.11
4026518.22       14.03504  (21122009)
        260447.42   4026046.81       12.40725  (19120316)                260469.15
4026064.45       11.99491  (19120316)
        260505.36   4026093.85        9.47952  (19120316)                260548.82
4026129.14       10.81569  (19121116)
        260570.55   4026146.78       14.28639  (19121116)                260592.28
4026164.42       17.63419  (19121116)
        260614.01   4026182.07       20.17839  (19121116)                260635.74
4026199.71       21.34568  (19121116)
        260657.47   4026217.35       20.83187  (19121116)                260679.20
4026235.00       18.88263  (19121116)
        260700.93   4026252.64       16.04561  (19121116)                260722.66
4026270.28       14.54023  (22010709)
        260744.39   4026287.92       15.24248  (22010709)                260766.12
4026305.57       14.67750  (22010709)
        260860.29   4026382.02       11.59696  (21122009)                260882.02
4026399.66       11.49094  (21122009)
        260903.75   4026417.30       10.51482  (21122009)                260510.67
4025857.08       10.16549  (19120316)
        260532.43   4025874.74       10.20311  (19120316)                260554.19
4025892.41        9.55904  (19120316)
        260575.95   4025910.08        8.31275  (19120316)                260699.25
4026010.19       14.50452  (19121116)
        260721.01   4026027.85       16.44552  (19121116)                260742.77
4026045.52       17.48441  (19121116)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE3B ***
INCLUDING SOURCE(S): PHASE3B ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
260764.53	4026063.19	17.36279	(19121116)	260786.29	4026080.85	16.03894	(19121116)
260808.05	4026098.52	13.84539	(19121116)	260829.81	4026116.18	11.32803	(19121116)
260851.57	4026133.85	12.01201	(22010709)	260873.32	4026151.52	12.59222	(22010709)
260895.08	4026169.18	12.27112	(22010709)	260916.84	4026186.85	11.20292	(22010709)
261011.13	4026263.40	9.54938	(21122009)	261032.89	4026281.07	9.56351	(21122009)
261054.65	4026298.74	8.98337	(21122009)	261076.41	4026316.40	7.89558	(21122009)
260573.93	4025667.35	8.41450	(19120316)	260595.71	4025685.03	8.68652	(19120316)
260617.48	4025702.71	8.43231	(19120316)	260639.26	4025720.39	7.67178	(19120316)
260661.04	4025738.08	6.52279	(19120316)	260769.94	4025826.49	9.06190	(19121116)
260849.80	4025891.33	14.60625	(19121116)	260871.58	4025909.01	14.58134	(19121116)
260893.36	4025926.69	13.82765	(19121116)	260915.13	4025944.38	12.43852	(19121116)
260936.91	4025962.06	10.53348	(19121116)	260958.69	4025979.74	9.05499	(22010709)
260980.47	4025997.43	10.04491	(22010709)	261002.25	4026015.11	10.48149	(22010709)
261024.03	4026032.79	10.36797	(22010709)	261045.81	4026050.47	9.60721	(22010709)
261067.59	4026068.16	8.59203	(22122309)	261089.37	4026085.84	7.41111	(22122309)
261111.15	4026103.52	6.11881	(21122009)	261132.93	4026121.20	7.16762	(21122009)
261154.71	4026138.89	7.89155	(21122009)	261176.49			

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4026156.57        8.14196  (21122009)
        261198.26   4026174.25        7.92720  (21122009)                261220.04
4026191.94        7.28009  (21122009)
        261241.82   4026209.62        6.29958  (21122009)                261263.60
4026227.30        5.12914  (21122009)
        260637.18   4025477.61        6.99483  (19120316)                260658.97
4025495.31        7.29329  (19120316)
        260680.76   4025513.00        7.26967  (19120316)                260702.56
4025530.70        6.92000  (19120316)
        260724.35   4025548.39        6.24278  (19120316)                260746.15
4025566.09        5.28474  (19120316)
        260767.94   4025583.78        4.21683  (19120316)                260789.73
4025601.48        3.16099  (19120316)
        260811.53   4025619.17        3.41131  (19121116)                260833.32
4025636.87        4.75255  (19121116)
        260855.12   4025654.56        6.29880  (19121116)                260876.91
4025672.26        7.96757  (19121116)
        260898.71   4025689.95        9.62801  (19121116)                260920.50
4025707.65       11.04397  (19121116)
        260942.29   4025725.34       11.99342  (19121116)                260964.09
4025743.04       12.42592  (19121116)
        260985.88   4025760.73       12.26653  (19121116)                261007.68
4025778.43       11.56061  (19121116)
        261029.47   4025796.12       10.41291  (19121116)                261051.26
4025813.82        9.09241  (19121116)
        261073.06   4025831.51        7.47502  (19121116)                261094.85
4025849.21        8.24372  (22010709)
        261116.65   4025866.90        8.93600  (22010709)                261138.44
4025884.59        9.17588  (22010709)
        261160.23   4025902.29        8.93042  (22010709)                261182.03
4025919.98        8.23812  (22010709)
        261203.82   4025937.68        7.44173  (22122309)                261225.62
4025955.37        6.47389  (22122309)
        261247.41   4025973.07        5.36068  (18011109)                261269.20
4025990.76        5.66026  (21122009)
        261291.00   4026008.46        6.44094  (21122009)                261312.79
4026026.15        6.92888  (21122009)
        261334.59   4026043.85        7.05734  (21122009)                261356.38
4026061.54        6.81408  (21122009)
        261378.18   4026079.24        6.24084  (21122009)                261399.97
4026096.93        5.42464  (21122009)
        261421.76   4026114.63        4.47467  (21122009)                259786.65
4026922.81       32.43633  (20121509)
        259785.22   4026946.18       28.35704  (18121116)                259786.24
4026967.32       31.69367  (21120616)
        259787.46   4026993.13       37.68855  (21120616)                259786.85
4027016.70       39.17042  (21120616)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE4 ***
INCLUDING SOURCE(S): PHASE4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
260122.88	4026867.29	15.37056	(20122409)	260099.69	4026867.81	12.24869	(20122409)
260076.51	4026868.33	9.06356	(20122409)	260053.32	4026868.85	6.26918	(20122409)
260030.13	4026869.37	4.82906	(22011111)	260006.94	4026869.89	4.80100	(22011111)
259983.76	4026870.42	4.49379	(22011111)	259960.57	4026870.94	3.97365	(22011111)
260145.51	4026841.77	16.93942	(20122409)	260122.32	4026842.29	14.29701	(20122409)
260099.13	4026842.82	11.30468	(20122409)	260075.94	4026843.34	8.30056	(20122409)
260052.76	4026843.86	5.73739	(20122409)	260029.57	4026844.38	4.76107	(22011111)
260006.38	4026844.90	4.75509	(22011111)	259983.19	4026845.42	4.45752	(22011111)
259960.01	4026845.94	3.94948	(22011111)	260157.65	4026818.69	17.12794	(20122409)
260121.76	4026817.30	13.31156	(20122409)	260098.57	4026817.82	10.49167	(20122409)
260075.38	4026818.34	7.65488	(20122409)	260052.19	4026818.86	5.25189	(20122409)
260029.01	4026819.39	4.67163	(22011111)	260005.82	4026819.91	4.68864	(22011111)
259982.63	4026820.43	4.41665	(22011111)	259959.44	4026820.95	3.94371	(22011111)
260161.32	4026794.34	16.48745	(20122409)	260121.20	4026792.31	12.42384	(20122409)
260098.01	4026792.83	9.70862	(20122409)	260074.82	4026793.35	7.06668	(20122409)
260051.63	4026793.87	4.82482	(20122409)	260028.45			

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4026794.39        4.59451  (22011111)
        260005.26   4026794.91        4.63412  (22011111)                259982.07
4026795.43        4.39913  (22011111)
        259958.88   4026795.96        3.95760  (22011111)                260160.19
4026744.35       14.82851  (20122409)
        260120.07   4026742.32       10.90108  (20122409)                260096.88
4026742.84        8.40275  (20122409)
        260073.70   4026743.36        6.08529  (20122409)                260050.51
4026743.88        4.16130  (22011111)
        260027.32   4026744.40        4.48144  (22011111)                260004.13
4026744.93        4.54565  (22011111)
        259980.95   4026745.45        4.37424  (22011111)                259957.76
4026745.97        3.98307  (22011111)
        260164.72   4026695.21       14.02458  (20122409)                260187.30
4026698.62       15.56726  (20122409)
        260142.14   4026691.81       11.97082  (20122409)                260118.95
4026692.33        9.67527  (20122409)
        260095.76   4026692.85        7.35675  (20122409)                260072.57
4026693.37        5.22864  (20122409)
        260049.39   4026693.90        4.01201  (22011111)                260026.20
4026694.42        4.35641  (22011111)
        260003.01   4026694.94        4.46934  (22011111)                259979.82
4026695.46        4.34385  (22011111)
        259956.64   4026695.98        4.01714  (22011111)                260162.18
4026645.01       12.53109  (20122409)
        260204.52   4026651.40       15.14428  (20122409)                260117.82
4026642.34        8.45637  (20122409)
        260094.64   4026642.87        6.35811  (20122409)                260071.45
4026643.39        4.49839  (20122409)
        260048.26   4026643.91        3.85119  (22011111)                260025.07
4026644.43        4.18872  (22011111)
        260001.89   4026644.95        4.32554  (22011111)                259978.70
4026645.47        4.24869  (22011111)
        259955.51   4026645.99        3.98032  (22011111)                260160.21
4026594.90       11.09592  (20122409)
        260200.85   4026601.03       13.81380  (20122409)                260116.70
4026592.36        7.39671  (20122409)
        260093.51   4026592.88        5.53415  (20122409)                260070.33
4026593.40        3.90195  (20122409)
        260047.14   4026593.92        3.72349  (22011111)                260023.95
4026594.44        4.05541  (22011111)
        260000.76   4026594.96        4.21185  (22011111)                259977.58
4026595.48        4.17902  (22011111)
        259954.39   4026596.01        3.96567  (22011111)                260160.22
4026495.27        9.01854  (20122409)
        260182.80   4026498.67       10.62451  (20122409)                260205.38
4026502.07       11.90443  (20122409)
        260227.96   4026505.48       12.70721  (20122409)                260250.54
4026508.88       12.92220  (20122409)
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                 INCLUDING SOURCE(S):   PHASE4   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        260137.64   4026491.86   7.31881 (20122409)   260114.45
4026492.38   5.66943 (20122409)
        260091.27   4026492.90   4.18295 (20122409)   260068.08
4026493.42   3.55545 (22020909)
        260044.89   4026493.95   3.51146 (22011111)   260021.70
4026494.47   3.85695 (22011111)
        259998.52   4026494.99   4.03893 (22011111)   259975.33
4026495.51   4.04983 (22011111)
        259952.14   4026496.03   3.89845 (22011111)   260156.56
4026395.08   7.15553 (20122409)
        260198.90   4026401.46   9.78248 (20122409)   260241.24
4026407.84   11.47984 (20122409)
        260283.58   4026414.23   11.44770 (20122409)   260112.21
4026392.41   4.41543 (20122409)
        260089.02   4026392.93   3.67657 (22020909)   260065.83
4026393.45   3.26751 (22020909)
        260042.64   4026393.97   3.23173 (22011111)   260019.46
4026394.49   3.57281 (22011111)
        259996.27   4026395.01   3.78228 (22011111)   259973.08
4026395.54   3.85760 (22011111)
        259949.89   4026396.06   3.81369 (22011111)   260155.73
4026295.32   5.89648 (20122409)
        260178.31   4026298.72   7.20212 (20122409)   260200.89
4026302.12   8.41806 (20122409)
        260223.47   4026305.53   9.43449 (20122409)   260246.05
4026308.93   10.24678 (20122409)
        260268.63   4026312.34   10.66095 (20122409)   260291.21
4026315.74   10.61137 (20122409)
        260313.79   4026319.15   10.10587 (20122409)   260133.15

4026291.91 4.62655 (20122409)
260109.96 4026292.43 3.78987 (22020909) 260086.77
4026292.95 3.48529 (22020909)
260063.58 4026293.48 3.07601 (22020909) 260040.40
4026294.00 3.01645 (22011111)
260017.21 4026294.52 3.33039 (22011111) 259994.02
4026295.04 3.53592 (22011111)
259970.83 4026295.56 3.62996 (22011111) 259947.65
4026296.08 3.61557 (22011111)
260152.45 4026195.19 4.70824 (20122409) 260195.56
4026201.69 6.88313 (20122409)
260238.67 4026208.18 8.78113 (20122409) 260281.77
4026214.68 9.74104 (20122409)
260324.88 4026221.18 9.33586 (20122409) 260107.71
4026192.46 3.60942 (22020909)
260084.52 4026192.98 3.29199 (22020909) 260061.34
4026193.50 2.88623 (22020909)
260038.15 4026194.02 2.83373 (22011111) 260014.96
4026194.54 3.16701 (22011111)
259991.77 4026195.06 3.41159 (22011111) 259968.59
4026195.59 3.55309 (22011111)
259945.40 4026196.11 3.57812 (22011111) 260148.18
4025995.27 3.56116 (22020909)
260191.72 4026001.84 4.76371 (20122409) 260235.27
4026008.40 6.46488 (20122409)
260278.82 4026014.97 7.74312 (20122409) 260322.37
4026021.53 8.29469 (20122409)
260365.91 4026028.10 7.82761 (20122409) 260409.46
4026034.66 6.44868 (20122409)
260103.22 4025992.51 3.24359 (22020909) 260080.03
4025993.03 2.94268 (22020909)
260056.84 4025993.55 2.57339 (22020909) 260033.65
4025994.07 2.56789 (22011111)
260010.47 4025994.59 2.86712 (22011111) 259987.28
4025995.11 3.08905 (22011111)
259964.09 4025995.64 3.22369 (22011111) 259940.90
4025996.16 3.26798 (22011111)
260143.82 4025795.34 3.25226 (22020909) 260187.66
4025801.95 3.27811 (22020909)
260231.49 4025808.56 4.70131 (20122409) 260275.32
4025815.17 6.05271 (20122409)
260319.15 4025821.78 6.96598 (20122409) 260362.98
4025828.38 7.16729 (20122409)
260406.82 4025834.99 6.58974 (20122409) 260450.65
4025841.60 5.41557 (20122409)
260098.72 4025792.56 2.93034 (22020909) 260075.53
4025793.08 2.63810 (22020909)
260052.35 4025793.60 2.29864 (22020909) 260029.16
4025794.12 2.29409 (22011111)
260005.97 4025794.64 2.54809 (22011111) 259982.78

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE4   ***
                                  INCLUDING SOURCE(S):   PHASE4   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF OTHER   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
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4025442.09        5.47665  (20122409)
        260488.44   4025448.75        4.91684  (20122409)                260532.61
4025455.41        4.01939  (20122409)
        260576.79   4025462.07        3.28216  (18020510)                260089.73
4025392.66        2.38015  (22020909)
        260066.54   4025393.18        2.15177  (22020909)                260043.36
4025393.70        1.90222  (22020909)
        260020.17   4025394.22        1.95007  (22011111)                259996.98
4025394.75        2.16962  (22011111)
        259973.79   4025395.27        2.36178  (22011111)                259950.61
4025395.79        2.51880  (22011111)
        259927.42   4025396.31        2.62735  (22011111)                259936.53
4026919.72        6.32608  (20010209)
        259936.93   4026943.08        7.58966  (20010209)                259937.33
4026966.44        9.06650  (20010209)
        259937.73   4026989.80       10.77172  (20010209)                259938.13
4027013.16       12.68504  (20010209)
        259918.11   4026879.03        6.13013  (20010209)                259911.54
4026920.14        9.21105  (20010209)
        259911.93   4026943.51       10.74288  (20010209)                259912.33
4026966.87       12.43991  (20010209)
        259912.73   4026990.23       14.31357  (20010209)                259913.13
4027013.59       16.30748  (20010209)
        259893.11   4026879.46        8.77292  (20010209)                259924.52
4026836.29        3.86256  (20010209)
        259886.54   4026920.57       12.24987  (20010209)                259886.94
4026943.93       13.86472  (20010209)
        259887.34   4026967.29       15.57225  (20010209)                259887.73
4026990.66       17.43794  (20010209)
        259888.13   4027014.02       19.26813  (20010209)                259868.12
4026879.88       11.57747  (20010209)
        259882.06   4026844.38        8.02039  (20010209)                259906.50
4026818.96        4.64677  (20010209)
        259861.54   4026921.00       15.00277  (20010209)                259861.94
4026944.36       16.56041  (20010209)
        259862.34   4026967.72       18.12045  (20010209)                259862.74
4026991.08       19.65679  (20010209)
        259863.14   4027014.44       21.18164  (20010209)                259819.52
4026877.19       15.81126  (20010209)
        259827.89   4026855.88       13.98720  (20010209)                259836.25
4026834.58       12.01679  (20010209)
        259844.62   4026813.28       10.05281  (20010209)                259873.94
4026782.78        5.93081  (20010209)
        259894.90   4026773.58        4.00968  (20010209)                259915.85
4026764.37        2.96822  (22011111)
        259936.80   4026755.17        3.51461  (22011111)                259811.55
4026921.85       18.24607  (20010209)
        259811.95   4026945.21       19.15441  (20010209)                259812.35
4026968.57       20.04626  (20010209)
        259812.75   4026991.93       20.89188  (20010209)                259813.14
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4027015.30       21.43562  (20010209)
        259769.13   4026879.05       17.54870  (20010209)                259785.07
4026838.48       15.77962  (20010209)
↑ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 660
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE4   ***
                                  INCLUDING SOURCE(S):     PHASE4      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - -
        259801.00   4026797.90       12.93125  (20010209)                259836.90
4026748.57        7.57991  (20010209)
        259876.81   4026731.04        3.93824  (20010209)                259916.72
4026713.51        3.10319  (22011111)
        259718.91   4026880.47       16.20805  (20010209)                259734.41
4026841.02       16.50408  (20010209)
        259749.90   4026801.57       15.54432  (20010209)                259765.40
4026762.13       13.50575  (20010209)
        259800.30   4026714.16        9.02024  (20010209)                259839.10
4026697.12        5.40707  (20010209)
        259877.90   4026680.08        2.62936  (20010210)                259916.71
4026663.03        3.17346  (22011111)
        259669.54   4026879.74       12.74916  (20010209)                259677.91
4026858.44       13.81280  (20010209)
        259686.28   4026837.14       14.61051  (20010209)                259694.64
4026815.84       15.12423  (20010209)
        259703.01   4026794.54       15.28886  (20010209)                259711.38
4026773.24       15.11469  (20010209)
        259719.75   4026751.94       14.65952  (20010209)                259728.11
4026730.63       13.87617  (20010209)
        259736.48   4026709.33       12.85762  (20010209)                259765.80
4026678.83        9.98997  (20010209)
        259786.76   4026669.63        8.15399  (20010209)                259807.71
4026660.42        6.31801  (20010209)
        259828.66   4026651.22        4.62649  (20010209)                259849.62
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4026642.02 3.19657 (20010209)
259870.57 4026632.82 2.59205 (20010210) 259891.53
4026623.61 2.68997 (20010210)
259912.48 4026614.41 3.16636 (22011111) 259933.43
4026605.21 3.61617 (22011111)
259569.16 4026882.46 4.49467 (20010209) 259585.09
4026841.89 6.89867 (20010209)
259601.03 4026801.31 9.32772 (20010209) 259616.97
4026760.74 11.40784 (20010209)
259632.91 4026720.17 12.81293 (20010209) 259648.85
4026679.59 13.29029 (20010209)
259664.78 4026639.02 12.79294 (20010209) 259692.71
4026609.97 11.37483 (20010209)
259732.62 4026592.44 8.78153 (20010209) 259772.53
4026574.91 5.76123 (20010209)
259812.45 4026557.38 3.16423 (20010209) 259852.36
4026539.85 2.51478 (20010210)
259892.27 4026522.32 2.85511 (22011111) 259485.81
4026841.80 2.73766 (18121209)
259502.22 4026800.04 3.75067 (18120709) 259518.63
4026758.27 4.85825 (20010209)
259535.03 4026716.50 6.92833 (20010209) 259543.24
4026695.62 7.94709 (20010209)
259559.64 4026653.85 9.81527 (20010209) 259576.05
4026612.08 11.11327 (20010209)
259592.46 4026570.32 11.63094 (20010209) 259621.20
4026540.41 11.40858 (20010209)
259662.29 4026522.37 9.98626 (20010209) 259703.37
4026504.32 7.53562 (20010209)
259744.46 4026486.28 4.83680 (20010209) 259785.55
4026468.23 2.77589 (21120809)
259826.63 4026450.19 2.34698 (20010210) 259867.72
4026432.14 2.44898 (20010210)
259888.26 4026423.12 2.85658 (22011111) 259377.95
4026863.56 5.28069 (22122116)
259386.32 4026842.26 3.91287 (22122116) 259394.69
4026820.95 2.88795 (18121209)
259403.05 4026799.65 2.85225 (18121209) 259411.42
4026778.35 2.74473 (18121209)
259419.79 4026757.05 2.58372 (18121209) 259428.16
4026735.75 2.86032 (18120709)
259436.52 4026714.45 3.39923 (18120709) 259444.89
4026693.15 3.88906 (18120709)
259453.26 4026671.84 4.29905 (18120709) 259461.63
4026650.54 4.58297 (18120709)
259469.99 4026629.24 5.25904 (20010209) 259478.36
4026607.94 6.16602 (20010209)
259486.73 4026586.64 7.05785 (20010209) 259495.10
4026565.34 7.90071 (20010209)
259503.46 4026544.04 8.65569 (20010209) 259511.83

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

  *** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4 ***
  INCLUDING SOURCE(S): PHASE4 ,

  *** DISCRETE CARTESIAN RECEPTOR POINTS
***

  ** CONC OF OTHER IN MICROGRAMS/M**3
  **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
259612.38	4026443.32	9.63841	(20010209)	259633.33	4026434.12	8.74501	(20010209)
259654.29	4026424.92	7.64651	(20010209)	259675.24	4026415.71	6.43642	(20010209)
259696.20	4026406.51	5.21827	(20010209)	259717.15	4026397.31	4.06554	(20010209)
259738.11	4026388.11	3.03764	(20010209)	259759.06	4026378.90	2.67062	(21120809)
259780.01	4026369.70	2.34271	(21120809)	259800.97	4026360.50	2.21177	(20010210)
259821.92	4026351.30	2.33474	(20010210)	259842.88	4026342.09	2.37342	(20010210)
259863.83	4026332.89	2.51040	(22011111)	259884.78	4026323.69	2.90129	(22011111)
259905.74	4026314.49	3.24444	(22011111)	259926.69	4026305.28	3.49297	(22011111)
259361.62	4026929.52	9.81495	(22122116)	259362.01	4026952.88	11.08758	(22122116)
259362.41	4026976.24	12.19266	(22122116)	259362.81	4026999.61	13.11492	(22122116)
259363.21	4027022.97	13.80194	(22122116)	259269.72	4026886.25	10.19252	(22122116)
259278.21	4026864.64	8.92221	(22122116)	259286.70			

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4026843.03        7.51985  (22122116)
        259295.19   4026821.42        6.08494  (22122116)                259303.67
4026799.81        4.71589  (22122116)
        259312.16   4026778.20        3.49064  (22122116)                259320.65
4026756.59        2.80687  (22021109)
        259329.14   4026734.98        2.74417  (18121209)                259337.63
4026713.37        2.69217  (18121209)
        259346.12   4026691.76        2.57477  (18121209)                259354.61
4026670.15        2.40565  (18121209)
        259363.10   4026648.54        2.57628  (18120709)                259371.58
4026626.93        3.11164  (18120709)
        259380.07   4026605.32        3.60592  (18120709)                259388.56
4026583.71        4.03835  (18120709)
        259397.05   4026562.10        4.35139  (18120709)                259405.54
4026540.49        4.55460  (18120709)
        259414.03   4026518.88        4.82364  (20010209)                259422.52
4026497.27        5.60792  (20010209)
        259431.00   4026475.66        6.37688  (20010209)                259439.49
4026454.05        7.10368  (20010209)
        259447.98   4026432.44        7.75513  (20010209)                259477.73
4026401.50        9.03686  (20010209)
        259498.99   4026392.16        9.52653  (20010209)                259520.24
4026382.83        9.72772  (20010209)
        259541.50   4026373.49        9.61815  (20010209)                259562.76
4026364.15        9.21293  (20010209)
        259584.02   4026354.82        8.53107  (20010209)                259605.27
4026345.48        7.64060  (20010209)
        259626.53   4026336.15        6.60847  (20010209)                259647.79
4026326.81        5.51400  (20010209)
        259669.05   4026317.47        4.43335  (20010209)                259690.31
4026308.14        3.43407  (20010209)
        259711.56   4026298.80        2.79427  (21120809)                259732.82
4026289.47        2.59165  (21120809)
        259754.08   4026280.13        2.27644  (21120809)                259775.34
4026270.79        2.10788  (20010210)
        259796.59   4026261.46        2.26230  (20010210)                259817.85
4026252.12        2.33340  (20010210)
        259839.11   4026242.79        2.30507  (20010210)                259860.37
4026233.45        2.62031  (22011111)
        259881.62   4026224.11        2.96000  (22011111)                259902.88
4026214.78        3.26051  (22011111)
        259924.14   4026205.44        3.47879  (22011111)                259261.63
4026931.23       11.90238  (22122116)
        259262.03   4026954.59       12.38999  (22122116)                259262.43
4026977.95       12.59113  (22122116)
        259262.83   4027001.31       12.43246  (22122116)                259263.22
4027024.67       11.89644  (22122116)
        259263.62   4027048.03       11.07046  (22122116)                259069.63
4026889.97        9.41261  (22122116)
        259078.00   4026868.67       10.03183  (22122116)                259086.36
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4026847.37       10.33976  (22122116)
        259094.73   4026826.07       10.29867  (22122116)                259103.10
4026804.77        9.92265  (22122116)
        259111.47   4026783.47        9.25178  (22122116)                259119.83
4026762.16        8.36207  (22122116)
        259128.20   4026740.86        7.33499  (22122116)                259136.57
4026719.56        6.23010  (22122116)
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 662
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE4   ***
                                  INCLUDING SOURCE(S):     PHASE4      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                            ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        259144.93   4026698.26        5.10956  (22122116)                259153.30
4026676.96        4.03631  (22122116)
        259161.67   4026655.66        3.07954  (22122116)                259170.04
4026634.36        2.80606  (22021109)
        259178.40   4026613.06        2.62590  (22021109)                259186.77
4026591.75        2.53500  (18121209)
        259195.14   4026570.45        2.50332  (18121209)                259203.51
4026549.15        2.43325  (18121209)
        259211.87   4026527.85        2.32187  (18121209)                259220.24
4026506.55        2.17339  (18121209)
        259228.61   4026485.25        1.99843  (18121209)                259236.98
4026463.95        2.28571  (18120709)
        259245.34   4026442.64        2.73514  (18120709)                259253.71
4026421.34        3.17510  (18120709)
        259262.08   4026400.04        3.55786  (18120709)                259270.45
4026378.74        3.88311  (18120709)
        259278.81   4026357.44        4.13027  (18120709)                259287.18
4026336.14        4.29728  (18120709)
        259295.55   4026314.84        4.34332  (18120709)                259303.91
4026293.54        4.26097  (18120709)
        259333.24   4026263.03        5.65794  (20010209)                259354.19
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4026253.83        6.45430  (20010209)
        259375.14   4026244.63        7.16288  (20010209)                259396.10
4026235.42        7.73622  (20010209)
        259417.05   4026226.22        8.13210  (20010209)                259438.01
4026217.02        8.31991  (20010209)
        259458.96   4026207.82        8.28164  (20010209)                259479.91
4026198.61        8.01808  (20010209)
        259500.87   4026189.41        7.54823  (20010209)                259521.82
4026180.21        6.90653  (20010209)
        259542.78   4026171.01        6.13863  (20010209)                259563.73
4026161.80        5.29764  (20010209)
        259584.68   4026152.60        4.43556  (20010209)                259605.64
4026143.40        3.59921  (20010209)
        259626.59   4026134.20        2.83073  (20010209)                259647.55
4026124.99        2.68389  (21120809)
        259668.50   4026115.79        2.55759  (21120809)                259689.45
4026106.59        2.31949  (21120809)
        259710.41   4026097.39        1.99869  (21120809)                259731.36
4026088.18        1.92815  (20010210)
        259752.32   4026078.98        2.07242  (20010210)                259773.27
4026069.78        2.15112  (20010210)
        259794.23   4026060.58        2.14180  (20010210)                259815.18
4026051.37        2.06370  (20010210)
        259836.13   4026042.17        2.37006  (22011111)                259857.09
4026032.97        2.66456  (22011111)
        259878.04   4026023.77        2.92042  (22011111)                259899.00
4026014.56        3.11515  (22011111)
        259919.95   4026005.36        3.23421  (22011111)                259061.66
4026934.64        8.74334  (20121509)
        259062.06   4026958.00        9.81431  (20121509)                259062.46
4026981.36       10.77778  (20121509)
        259062.85   4027004.72       11.53210  (20121509)                259063.25
4027028.08       11.99891  (20121509)
        259063.65   4027051.44       12.11597  (20121509)                258869.81
4026892.99        9.48815  (20121509)
        258878.33   4026871.29        8.78212  (20121509)                258886.86
4026849.60        7.95195  (20121509)
        258895.38   4026827.90        6.97080  (20121509)                258903.90
4026806.20        6.96115  (22122116)
        258912.42   4026784.51        7.80871  (22122116)                258920.95
4026762.81        8.43736  (22122116)
        258929.47   4026741.12        8.81006  (22122116)                258937.99
4026719.42        8.90273  (22122116)
        258946.51   4026697.73        8.71576  (22122116)                258955.04
4026676.03        8.27795  (22122116)
        258963.56   4026654.33        7.63121  (22122116)                258972.08
4026632.64        6.82803  (22122116)
        258980.60   4026610.94        5.92654  (22122116)                258989.12
4026589.25        4.98789  (22122116)
        258997.65   4026567.55        4.06700  (22122116)                259006.17
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        259082.87   4026350.59   2.03910 (18121209)   259091.39
4026328.90   1.88753 (18121209)
        259099.92   4026307.20   1.72408 (18121209)   259108.44
4026285.51   2.02371 (18120709)
        259116.96   4026263.81   2.46927 (18120709)   259125.48
4026242.11   2.88175 (18120709)
        259134.00   4026220.42   3.24818 (18120709)   259142.53
4026198.72   3.57509 (18120709)
        259151.05   4026177.03   3.84240 (18120709)   259159.57
4026155.33   4.05414 (18120709)
        259189.44   4026124.26   4.04863 (18120709)   259210.78
4026114.89   3.85854 (18120709)
        259232.12   4026105.52   4.37722 (20010209)   259253.46
4026096.14   5.05060 (20010209)
        259274.80   4026086.77   5.70146 (20010209)   259296.15
4026077.40   6.28514 (20010209)
        259317.49   4026068.02   6.74836 (20010209)   259338.83
4026058.65   7.07411 (20010209)
        259360.17   4026049.28   7.22492 (20010209)   259381.51

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4026039.91        7.18695  (20010209)
        259402.86   4026030.53        6.96198  (20010209)                259424.20
4026021.16        6.57181  (20010209)
        259445.54   4026011.79        6.04216  (20010209)                259466.88
4026002.41        5.40898  (20010209)
        259488.22   4025993.04        4.72350  (20010209)                259509.57
4025983.67        4.01896  (20010209)
        259530.91   4025974.29        3.32582  (20010209)                259552.25
4025964.92        2.67159  (20010209)
        259573.59   4025955.55        2.53247  (21120809)                259594.94
4025946.18        2.53250  (21120809)
        259616.28   4025936.80        2.42274  (21120809)                259637.62
4025927.43        2.20199  (21120809)
        259658.96   4025918.06        1.91183  (21120809)                259680.30
4025908.68        1.73408  (20010210)
        259701.65   4025899.31        1.87601  (20010210)                259722.99
4025889.94        1.96873  (20010210)
        259744.33   4025880.56        2.00342  (20010210)                259765.67
4025871.19        1.98891  (20010210)
        259787.01   4025861.82        1.91320  (20010210)                259808.36
4025852.45        2.18971  (22011111)
        259829.70   4025843.07        2.46854  (22011111)                259851.04
4025833.70        2.70752  (22011111)
        259872.38   4025824.33        2.89842  (22011111)                259893.72
4025814.95        3.02635  (22011111)
        259915.07   4025805.58        3.08677  (22011111)                258861.29
4026914.68        9.86927  (20121509)
        258861.69   4026938.04       10.01726  (20121509)                258862.09
4026961.41        9.92178  (20121509)
        258862.48   4026984.77        9.57009  (20121509)                258862.88
4027008.13        8.96802  (20121509)
        258863.28   4027031.49        8.15607  (20121509)                258863.68
4027054.85        7.18689  (20121509)
        258669.75   4026896.63        7.85409  (20121509)                258678.18
4026875.16        8.32083  (20121509)
        258686.62   4026853.69        8.55097  (20121509)                258695.05
4026832.23        8.54346  (20121509)
        258703.48   4026810.76        8.29095  (20121509)                258711.91
4026789.29        7.82540  (20121509)
        258720.34   4026767.83        7.18472  (20121509)                258728.78
4026746.36        6.43534  (20121509)
        258737.21   4026724.89        5.59190  (20121509)                258745.64
4026703.43        5.66256  (22122116)
        258754.07   4026681.96        6.39799  (22122116)                258762.51
4026660.50        6.98749  (22122116)
        258770.94   4026639.03        7.41101  (22122116)                258779.37
4026617.56        7.64601  (22122116)
        258787.80   4026596.10        7.68766  (22122116)                258796.23
4026574.63        7.48909  (22122116)
        258804.67   4026553.16        7.09071  (22122116)                258813.10
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4026531.70   6.52929 (22122116)
        258821.53   4026510.23   5.84762 (22122116)   258829.96
4026488.76   5.11141 (22122116)
        258838.40   4026467.30   4.33750 (22122116)   258846.83
4026445.83   3.57913 (22122116)
        258855.26   4026424.36   2.87524 (22122116)   258863.69
4026402.90   2.58321 (22021109)
        258872.13   4026381.43   2.56063 (22021109)   258880.56
4026359.97   2.49641 (22021109)
        258888.99   4026338.50   2.36297 (22021109)   258897.42
4026317.03   2.20586 (22021109)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE4   ***
                                  INCLUDING SOURCE(S):   PHASE4   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                ** CONC OF OTHER   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
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4025957.94        3.71876  (18120709)
        259129.49   4025948.67        3.46982  (18120709)                259150.60
4025939.39        3.98158  (20010209)
        259171.72   4025930.12        4.54689  (20010209)                259192.84
4025920.84        5.07565  (20010209)
        259213.95   4025911.57        5.54124  (20010209)                259235.07
4025902.30        5.92291  (20010209)
        259256.19   4025893.02        6.19388  (20010209)                259277.30
4025883.75        6.33653  (20010209)
        259298.42   4025874.48        6.33967  (20010209)                259319.54
4025865.20        6.19710  (20010209)
        259340.65   4025855.93        5.92440  (20010209)                259361.77
4025846.65        5.53206  (20010209)
        259382.89   4025837.38        5.05089  (20010209)                259404.00
4025828.11        4.51668  (20010209)
        259425.12   4025818.83        3.94084  (20010209)                259446.23
4025809.56        3.35438  (20010209)
        259467.35   4025800.28        2.78723  (20010209)                259488.47
4025791.01        2.52634  (18020109)
        259509.58   4025781.74        2.39001  (18020109)                259530.70
4025772.46        2.41372  (21120809)
        259551.82   4025763.19        2.35584  (21120809)                259572.93
4025753.91        2.21546  (21120809)
        259594.05   4025744.64        1.99853  (21120809)                259615.17
4025735.37        1.72843  (21120809)
        259636.28   4025726.09        1.61995  (20010210)                259657.40
4025716.82        1.75896  (20010210)
        259678.52   4025707.55        1.85368  (20010210)                259699.63
4025698.27        1.90965  (20010210)
        259720.75   4025689.00        1.91385  (20010210)                259741.87
4025679.72        1.86261  (20010210)
        259762.98   4025670.45        1.81037  (22011111)                259784.10
4025661.18        2.06555  (22011111)
        259805.21   4025651.90        2.29849  (22011111)                259826.33
4025642.63        2.49501  (22011111)
        259847.45   4025633.35        2.66577  (22011111)                259868.56
4025624.08        2.80135  (22011111)
        259889.68   4025614.81        2.88679  (22011111)                259910.80
4025605.53        2.89119  (22011111)
        258661.32   4026918.09        7.18239  (20121509)                258661.72
4026941.45        6.48729  (20121509)
        258662.12   4026964.82        5.69747  (20121509)                258662.51
4026988.18        4.85751  (20121509)
        258662.91   4027011.54        4.01846  (20121509)                258663.31
4027034.90        3.22923  (20121509)
        258663.71   4027058.26        3.18616  (18112609)                258469.89
4026899.77        4.03861  (20121509)
        258478.42   4026878.03        4.83060  (20121509)                258486.96
4026856.29        5.59771  (20121509)
        258495.50   4026834.56        6.29324  (20121509)                258504.04
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4026812.82        6.86661  (20121509)
        258512.58   4026791.09        7.27042  (20121509)                258521.11
4026769.35        7.48361  (20121509)
        258529.65   4026747.61        7.52155  (20121509)                258538.19
4026725.88        7.39267  (20121509)
        258546.73   4026704.14        7.06866  (20121509)                258555.27
4026682.41        6.57656  (20121509)
        258563.81   4026660.67        5.95541  (20121509)                258572.34
4026638.93        5.25333  (20121509)
        258580.88   4026617.20        4.51189  (20121509)                258589.42
4026595.46        4.95952  (22122116)
        258597.96   4026573.73        5.58296  (22122116)                258606.50
4026551.99        6.10374  (22122116)
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 665
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE4   ***
                                 INCLUDING SOURCE(S):     PHASE4      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        258615.03   4026530.25        6.48520  (22122116)                258623.57
4026508.52        6.70582  (22122116)
        258632.11   4026486.78        6.74330  (22122116)                258640.65
4026465.05        6.60975  (22122116)
        258649.19   4026443.31        6.33680  (22122116)                258657.73
4026421.57        5.93976  (22122116)
        258666.26   4026399.84        5.41527  (22122116)                258674.80
4026378.10        4.81520  (22122116)
        258683.34   4026356.37        4.17454  (22122116)                258691.88
4026334.63        3.52135  (22122116)
        258700.42   4026312.89        2.89914  (22122116)                258708.95
4026291.16        2.40996  (22021109)
        258717.49   4026269.42        2.43578  (22021109)                258726.03
4026247.69        2.41500  (22021109)
        258734.57   4026225.95        2.34428  (22021109)                258743.11
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4026204.21        2.22876  (22021109)
        258751.64   4026182.48        2.09130  (22021109)                258760.18
4026160.74        1.97177  (18121209)
        258768.72   4026139.01        1.99948  (18121209)                258777.26
4026117.27        1.99806  (18121209)
        258785.80   4026095.53        1.96701  (18121209)                258794.34
4026073.80        1.91533  (18121209)
        258802.87   4026052.06        1.84135  (18121209)                258811.41
4026030.33        1.75043  (18121209)
        258819.95   4026008.59        1.63323  (18121209)                258828.49
4025986.85        1.50605  (18121209)
        258837.03   4025965.12        1.37366  (18121209)                258845.56
4025943.38        1.32117  (18120709)
        258854.10   4025921.65        1.63146  (18120709)                258862.64
4025899.91        1.96146  (18120709)
        258871.18   4025878.17        2.30263  (18120709)                258901.10
4025847.05        2.97480  (18120709)
        258922.48   4025837.66        3.29139  (18120709)                258943.86
4025828.27        3.53541  (18120709)
        258965.24   4025818.88        3.68589  (18120709)                258986.63
4025809.49        3.70598  (18120709)
        259008.01   4025800.09        3.60031  (18120709)                259029.39
4025790.70        3.38784  (18120709)
        259050.77   4025781.31        3.22615  (20010209)                259072.15
4025771.92        3.71370  (20010209)
        259093.53   4025762.53        4.18995  (20010209)                259114.92
4025753.14        4.63128  (20010209)
        259136.30   4025743.75        5.01428  (20010209)                259157.68
4025734.36        5.31932  (20010209)
        259179.06   4025724.97        5.52914  (20010209)                259200.44
4025715.58        5.63210  (20010209)
        259221.82   4025706.19        5.62030  (20010209)                259243.21
4025696.80        5.50147  (20010209)
        259264.59   4025687.41        5.27806  (20010209)                259285.97
4025678.02        4.95934  (20010209)
        259307.35   4025668.63        4.56160  (20010209)                259328.73
4025659.24        4.10000  (20010209)
        259350.11   4025649.85        3.60186  (20010209)                259371.50
4025640.46        3.10102  (20010209)
        259392.88   4025631.07        2.61540  (20010209)                259414.26
4025621.68        2.45473  (18020109)
        259435.64   4025612.29        2.39269  (18020109)                259457.02
4025602.90        2.29855  (21120809)
        259478.40   4025593.51        2.32359  (21120809)                259499.79
4025584.12        2.26920  (21120809)
        259521.17   4025574.73        2.12644  (21120809)                259542.55
4025565.34        1.91624  (21120809)
        259563.93   4025555.95        1.65724  (21120809)                259585.31
4025546.55        1.45601  (20010210)
        259606.69   4025537.16        1.59605  (20010210)                259628.08
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4025527.77        1.70903  (20010210)
        259649.46   4025518.38        1.78183  (20010210)                259670.84
4025508.99        1.80910  (20010210)
        259692.22   4025499.60        1.79259  (20010210)                259713.60
4025490.21        1.73061  (20010210)
        259734.98   4025480.82        1.66848  (22011111)                259756.37
4025471.43        1.90163  (22011111)
        259777.75   4025462.04        2.12530  (22011111)                259799.13
4025452.65        2.32332  (22011111)
        259820.51   4025443.26        2.49021  (22011111)                259841.89
4025433.87        2.61516  (22011111)
        259863.27   4025424.48        2.69540  (22011111)                259884.66
4025415.09        2.72256  (22011111)
        259906.04   4025405.70        2.70023  (22011111)                258461.35
4026921.50        3.28498  (20121509)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE4   ***
                                  INCLUDING SOURCE(S):     PHASE4      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        258461.75   4026944.86        2.97671  (18112609)                258462.14
4026968.23        2.98535  (18112609)
        258462.54   4026991.59        2.92372  (18112609)                258462.94
4027014.95        2.77158  (18112609)
        258463.34   4027038.31        2.56513  (18112609)                258463.74
4027061.67        2.88168  (22121309)
        259934.28   4026786.78        3.38357  (22011111)                259843.61
4026789.17        8.89435  (20010209)
        259775.62   4026790.96       14.19191  (20010209)                259910.29
4026737.40        2.89444  (22011111)
        259796.97   4026740.38       10.44997  (20010209)                259774.30
4026740.98       12.07385  (20010209)
        259751.64   4026741.57       13.36106  (20010209)                259930.33
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4026636.84        3.52133  (22011111)
        259794.33   4026640.42        6.51456  (20010209)                259771.67
4026641.01        8.06111  (20010209)
        259749.00   4026641.61        9.57559  (20010209)                259950.36
4026536.27        3.87528  (22011111)
        259927.70   4026536.87        3.54641  (22011111)                259791.70
4026540.45        3.78229  (20010209)
        259769.04   4026541.05        4.98474  (20010209)                259746.37
4026541.64        6.28743  (20010209)
        259947.73   4026436.31        3.81079  (22011111)                259925.07
4026436.90        3.53998  (22011111)
        259789.07   4026440.48        2.58072  (21120809)                259766.41
4026441.08        2.86721  (20010209)
        259743.74   4026441.68        3.82664  (20010209)                259945.10
4026336.34        3.64555  (22011111)
        259922.43   4026336.94        3.46122  (22011111)                259786.44
4026340.52        2.12967  (20010210)
        259763.77   4026341.12        2.44734  (21120809)                259741.11
4026341.71        2.70971  (21120809)
        259939.84   4026136.41        3.46659  (22011111)                259917.17
4026137.01        3.35206  (22011111)
        259894.50   4026137.61        3.11995  (22011111)                259871.84
4026138.20        2.84705  (22011111)
        259849.17   4026138.80        2.52713  (22011111)                259826.51
4026139.40        2.19388  (20010210)
        259803.84   4026139.99        2.24019  (20010210)                259781.18
4026140.59        2.18475  (20010210)
        259758.51   4026141.19        2.06675  (20010210)                259735.85
4026141.78        1.90200  (20010210)
        259934.57   4025936.48        3.20025  (22011111)                259911.91
4025937.08        3.16077  (22011111)
        259889.24   4025937.67        3.04638  (22011111)                259866.58
4025938.27        2.84632  (22011111)
        259843.91   4025938.87        2.58733  (22011111)                259821.24
4025939.46        2.28552  (22011111)
        259798.58   4025940.06        1.97843  (20010210)                259775.91
4025940.66        2.04985  (20010210)
        259753.25   4025941.25        2.05777  (20010210)                259730.58
4025941.85        2.00299  (20010210)
        259929.31   4025736.55        3.01734  (22011111)                259906.64
4025737.15        3.02705  (22011111)
        259883.98   4025737.74        2.95873  (22011111)                259861.31
4025738.34        2.82270  (22011111)
        259838.65   4025738.94        2.61744  (22011111)                259815.98
4025739.53        2.37886  (22011111)
        259793.32   4025740.13        2.11481  (22011111)                259770.65
4025740.73        1.83132  (22011111)
        259747.99   4025741.32        1.90964  (20010210)                259725.32
4025741.92        1.94272  (20010210)
        259924.05   4025536.62        2.78445  (22011111)                259901.38
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4025537.22        2.81579  (22011111)
        259878.72   4025537.81        2.78514  (22011111)                259856.05
4025538.41        2.69942  (22011111)
        259833.38   4025539.01        2.57565  (22011111)                259810.72
4025539.60        2.40661  (22011111)
        259788.05   4025540.20        2.19591  (22011111)                259765.39
4025540.80        1.95802  (22011111)
        259742.72   4025541.39        1.70940  (22011111)                259720.06
4025541.99        1.77759  (20010210)
        260259.41   4027030.57       24.01275  (19120316)                260258.91
4027007.71       21.91322  (19120316)
        260258.41   4026984.85       19.73297  (19120316)                260257.92
4026961.98       17.58393  (19120316)
        260257.42   4026939.12       15.45119  (19120316)                260256.92
4026916.26       14.86446  (20122409)
        260256.42   4026893.39       15.12437  (20122409)                260359.39
4027028.40       23.09927  (19121116)
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 667
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE4   ***
                                 INCLUDING SOURCE(S):     PHASE4      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        260358.89   4027005.53       18.64667  (19120316)                260358.39
4026982.67       19.48096  (19120316)
        260357.89   4026959.81       20.00987  (19120316)                260357.39
4026936.94       20.26959  (19120316)
        260356.90   4026914.08       20.26333  (19120316)                260356.40
4026891.22       19.99078  (19120316)
        260459.36   4027026.22       35.44004  (19121116)                260458.87
4027003.35       33.73036  (19121116)
        260458.37   4026980.49       31.52827  (19121116)                260457.87
4026957.63       28.84133  (19121116)
        260457.37   4026934.76       25.45762  (19121116)                260456.87
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4026911.90       21.94702  (19121116)
        260456.37   4026889.04       18.59674  (19121116)                260659.32
4027021.86       18.69763  (22010709)
        260658.82   4026998.99       19.79913  (22010709)                260658.32
4026976.13       20.31854  (22010709)
        260657.82   4026953.27       20.18798  (22010709)                260657.32
4026930.40       19.32137  (22010709)
        260656.82   4026907.54       18.30520  (19121116)                260656.33
4026884.68       20.29146  (19121116)
        260859.27   4027017.50       12.62798  (21122009)                260858.77
4026994.64       13.15296  (21122009)
        260858.27   4026971.77       13.22630  (21122009)                260857.77
4026948.91       12.78128  (21122009)
        260857.28   4026926.05       11.79800  (21122009)                260856.78
4026903.18       10.52342  (21122009)
        260856.28   4026880.32       11.18917  (22122309)                261059.22
4027013.14        4.56143  (22120209)
        261058.72   4026990.28        4.89746  (21122009)                261058.22
4026967.42        6.04870  (21122009)
        261057.73   4026944.55        7.14993  (21122009)                261057.23
4026921.69        8.12521  (21122009)
        261056.73   4026898.83        8.99547  (21122009)                261056.23
4026875.96        9.80553  (21122009)
        261259.17   4027008.78        5.96193  (22120209)                261258.68
4026985.92        5.60425  (22120209)
        261258.18   4026963.06        5.17371  (22120209)                261257.68
4026940.19        4.69992  (22120209)
        261257.18   4026917.33        4.16859  (22120209)                261256.68
4026894.47        3.63696  (22120209)
        261256.18   4026871.60        3.38765  (21122009)                259796.13
4026879.73       17.10883  (20010209)
        259754.95   4026854.32       16.95441  (20010209)                259754.15
4026829.33       16.30225  (20010209)
        259782.14   4026815.29       14.91562  (20010209)                259810.93
4026826.23       13.65553  (20010209)
        259798.03   4026771.96       11.86680  (20010209)                259766.16
4026710.47       11.28343  (20010209)
        259713.18   4026705.57       13.55004  (20010209)                259863.07
4026697.95        3.85448  (20010209)
        259730.08   4026655.01       11.18247  (20010209)                259763.58
4026610.76        7.49320  (20010209)
        259879.85   4026654.96        2.65428  (20010210)                259977.30
4026719.03        4.32993  (22011111)
        259998.89   4026767.78        4.55681  (22011111)                259760.72
4026510.93        4.63571  (20010209)
        259828.46   4026536.69        2.56766  (21120809)                259879.27
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        259913.14   4026568.88        3.24448  (22011111)                259757.73
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4026469.70   3.31541 (22011111)
        260031.93   4026515.31   3.77588 (22011111)   260066.20
4026528.34   3.59952 (22020909)
        260107.90   4026558.14   6.13652 (20122409)   260137.61
4026625.19   9.90500 (20122409)
        260182.16   4026725.77   15.95280 (20122409)   260197.01
4026759.29   17.34776 (20122409)
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4026826.34   18.17638 (20122409)
        260241.57   4026859.87   17.16384 (20122409)   259754.68
4026311.16   2.42959 (21120809)
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4026370.27   3.28275 (22011111)
        260031.07   4026416.25   3.48860 (22011111)   260065.62
4026429.38   3.34367 (22020909)
        260100.17   4026442.52   4.21032 (20122409)   260134.71
4026455.65   6.61301 (20122409)
        260199.20   4026536.38   12.24413 (20122409)   260214.18
4026570.17   13.54150 (20122409)
1 *** AERMOD - VERSION 23132 ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc   ***   07/04/24
 *** AERMET - VERSION 21112 ***   ***
                      ***   18:20:08

                                 PAGE 668
 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                 INCLUDING SOURCE(S):   PHASE4   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        260229.15   4026603.97   14.53911 (20122409)   260244.12
4026637.76   14.87861 (20122409)
        260259.09   4026671.55   14.46508 (20122409)   260274.06
4026705.35   13.37010 (20122409)
        260289.03   4026739.14   11.64164 (20122409)   260304.00
4026772.94   10.20488 (19120316)
        260318.97   4026806.73   14.06671 (19120316)   260333.94
4026840.52   17.47875 (19120316)
        259751.01   4026211.03   1.97033 (20010210)   259784.60

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        259868.57   4026255.73        2.73792  (22011111)                259902.16
4026268.50        3.23437  (22011111)
        260036.52   4026319.58        3.12063  (22011111)                260070.11
4026332.35        3.21669  (22020909)
        260103.69   4026345.12        3.77411  (22020909)                260137.28
4026357.90        5.51209  (20122409)
        260170.87   4026370.67        7.70293  (20122409)                260221.26
4026389.82       10.58738  (20122409)
        260252.61   4026429.06       11.88375  (20122409)                260267.16
4026461.92       12.16121  (20122409)
        260281.71   4026494.77       12.08709  (20122409)                260296.27
4026527.63       11.52034  (20122409)
        260310.82   4026560.48       10.46337  (20122409)                260325.38
4026593.34        9.00735  (20122409)
        260339.93   4026626.19        7.37459  (20122409)                260354.49
4026659.05        9.71886  (19120316)
        260369.04   4026691.90       12.66296  (19120316)                260383.60
4026724.76       15.30127  (19120316)
        260398.15   4026757.62       16.84150  (19120316)                260412.71
4026790.47       16.90386  (19120316)
        260427.26   4026823.33       15.30311  (19120316)                260441.82
4026856.18       12.37495  (19120316)
        259715.72   4026205.24        2.43246  (21120809)                259744.88
4026011.23        2.04851  (20010210)
        259778.98   4026024.19        2.11575  (20010210)                259864.21
4026056.60        2.72980  (22011111)
        259898.31   4026069.56        3.09494  (22011111)                259932.40
4026082.52        3.31714  (22011111)
        259966.50   4026095.49        3.34075  (22011111)                260000.59
4026108.45        3.14537  (22011111)
        260034.68   4026121.41        2.76495  (22011111)                260068.78
4026134.38        2.96651  (22020909)
        260102.87   4026147.34        3.46730  (22020909)                260136.97
4026160.30        3.75452  (22020909)
        260171.06   4026173.26        5.39515  (20122409)                260222.20
4026192.71        7.97098  (20122409)
        260341.53   4026238.08        8.86652  (20122409)                260383.01
4026267.72        6.87222  (20122409)
        260397.79   4026301.06        5.89178  (20122409)                260412.56
4026334.41        4.80115  (20122409)
        260427.33   4026367.76        5.09424  (19120316)                260442.11
4026401.11        6.97556  (19120316)
        260456.88   4026434.46        8.96955  (19120316)                260471.65
4026467.81       10.83444  (19120316)
        260486.43   4026501.16       12.22862  (19120316)                260501.20
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4025824.48        1.91576  (20010210)
        259859.15   4025857.20        2.78548  (22011111)                259893.58
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        259928.00   4025883.38        3.13856  (22011111)                259962.42
4025896.47        3.07224  (22011111)
        259996.85   4025909.55        2.85601  (22011111)                260031.27
4025922.64        2.49283  (22011111)
        260065.69   4025935.73        2.64479  (22020909)                260100.12
4025948.82        3.15310  (22020909)
        260134.54   4025961.91        3.45268  (22020909)                260168.96
4025974.99        3.69647  (20122409)
        260341.08   4026040.43        8.29615  (20122409)                260375.50
4026053.52        7.60174  (20122409)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 669
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE4   ***
                                  INCLUDING SOURCE(S):     PHASE4      ,

                                           *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        260409.93   4026066.61        6.34393  (20122409)                260444.35
4026079.70        4.81211  (20122409)
        260478.78   4026092.79        4.36435  (18020510)                260520.66
4026122.71        4.46766  (19120316)
        260535.57   4026156.38        5.82709  (19120316)                260550.49
4026190.05        7.22411  (19120316)
        260565.41   4026223.72        8.59107  (19120316)                260580.32
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        260625.07   4026358.41        8.98346  (19120316)                260639.99
4026392.08        7.59907  (19120316)
        260654.91   4026425.75        5.94147  (19120316)                260669.82
4026459.43        5.46893  (19121116)
        260684.74   4026493.10        8.38865  (19121116)                260699.66
4026526.77       11.82959  (19121116)
        260714.57   4026560.44       15.34276  (19121116)                260729.49
4026594.11       18.25768  (19121116)
        260744.40   4026627.78       19.90693  (19121116)                260759.32
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4026796.14       15.49595  (22010709)
        260833.90   4026829.81       14.64479  (22010709)                259702.97
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4025624.36        1.88775  (22011111)
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        260055.33   4025734.32        2.30094  (22020909)                260089.36
4025747.25        2.76210  (22020909)
        260123.38   4025760.19        3.09743  (22020909)                260157.41
4025773.13        3.24425  (22020909)
        260208.45   4025792.53        3.86024  (20122409)                260344.55
4025844.28        7.27700  (20122409)
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        260446.62   4025883.09        5.46544  (20122409)                260480.65
4025896.02        4.24761  (20122409)
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4026676.27       12.31811  (22010709)
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4026742.83        9.63903  (22122309)
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4026809.40       10.10296  (21122009)
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4025470.21        2.74729  (22011111)
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                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE4   ***
                                  INCLUDING SOURCE(S):     PHASE4      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        259914.35   4025483.24        2.75479  (22011111)                 259948.62
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        259982.90   4025509.30        2.38932  (22011111)                 260017.17
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        260051.45   4025535.37        2.04529  (22020909)                 260085.72
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4025659.16        6.38660  (20122409)
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4025737.35        3.81529  (18020510)
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        260810.63   4025865.83        6.59511  (19120316)                260825.48
4025899.36        6.03112  (19120316)
        260840.33   4025932.88        5.23631  (19120316)                260855.18
4025966.41        4.29066  (19120316)
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4026033.46        2.44736  (19120316)
        260899.74   4026066.98        3.22078  (19121116)                260914.59
4026100.51        4.69123  (19121116)
        260929.44   4026134.04        6.48571  (19121116)                260944.29
4026167.56        8.49652  (19121116)
        260959.14   4026201.09       10.50547  (19121116)                260974.00
4026234.61       12.22232  (19121116)
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        261018.55   4026335.19       13.32224  (19121116)                261033.40
4026368.72       12.07546  (19121116)
        261048.26   4026402.24       10.26933  (19121116)                261063.11
4026435.77        8.62134  (22010709)
        261077.96   4026469.29       10.05966  (22010709)                261092.81
4026502.82       10.73538  (22010709)
        261107.66   4026536.35       10.56574  (22010709)                261122.52
4026569.87        9.54023  (22010709)
        261137.37   4026603.40        8.32919  (22122309)                261152.22
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        261167.07   4026670.45        7.72575  (21122009)                261181.92
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4026881.02       14.63708  (20010209)
        259644.51   4026882.10       10.54503  (20010209)                259619.68
4026882.65        8.36014  (20010209)
        259643.97   4026857.11       11.24609  (20010209)                259619.13
4026857.65        9.14146  (20010209)
        259569.47   4026858.74        5.23498  (20010209)                259544.63
4026859.28        3.90545  (18120709)
        259519.80   4026859.82        3.22850  (18120709)                259470.13
4026860.91        2.90720  (18121209)
        259445.30   4026861.45        2.94495  (18121209)                259643.42
4026832.12       11.83855  (20010209)
        259618.59   4026832.66        9.84614  (20010209)                259544.09
4026834.29        4.33026  (20010209)
        259519.25   4026834.83        3.63297  (18120709)                259444.75
4026836.46        2.88479  (18121209)
        259667.71   4026806.58       13.91170  (20010209)                259642.87
4026807.12       12.27668  (20010209)
        259568.37   4026808.75        6.67610  (20010209)                259543.54
4026809.29        4.99668  (20010209)
        259469.04   4026810.92        2.69217  (18120709)                259444.21
4026811.46        2.78499  (18121209)
        259691.45   4026756.05       14.69958  (20010209)                259666.62
4026756.59       14.08589  (20010209)
        259641.78   4026757.13       12.95022  (20010209)                259592.11
4026758.22        9.77676  (20010209)
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                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE4   ***
                                  INCLUDING SOURCE(S):     PHASE4      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
        259567.28   4026758.76        8.01064  (20010209)                259542.45
4026759.30        6.30342  (20010209)
        259492.78   4026760.39        4.04237  (18120709)                259467.95
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4026760.93        3.46713  (18120709)
        259443.11   4026761.48        2.83214  (18120709)                259690.36
4026706.06       13.92536  (20010209)
        259665.52   4026706.60       13.80505  (20010209)                259591.02
4026708.23       10.69994  (20010209)
        259566.19   4026708.77        9.12895  (20010209)                259491.69
4026710.40        4.56279  (18120709)
        259466.85   4026710.95        4.12922  (18120709)                259689.26
4026656.07       12.79270  (20010209)
        259639.60   4026657.16       12.96057  (20010209)                259614.76
4026657.70       12.33635  (20010209)
        259589.93   4026658.24       11.33264  (20010209)                259515.43
4026659.87        7.09681  (20010209)
        259490.59   4026660.41        5.66075  (20010209)                259663.34
4026606.63       12.12798  (20010209)
        259638.50   4026607.17       12.38350  (20010209)                259613.67
4026607.71       12.18639  (20010209)
        259539.17   4026609.34        9.43525  (20010209)                259514.34
4026609.88        8.09769  (20010209)
        259439.84   4026611.51        4.55395  (18120709)                259636.32
4026507.19       10.44514  (20010209)
        259611.49   4026507.74       10.95680  (20010209)                259586.65
4026508.28       11.08971  (20010209)
        259561.82   4026508.82       10.83869  (20010209)                259487.32
4026510.45        8.39517  (20010209)
        259462.48   4026510.99        7.23499  (20010209)                259634.13
4026407.22        8.03515  (20010209)
        259609.30   4026407.76        8.92889  (20010209)                259584.47
4026408.30        9.58067  (20010209)
        259559.63   4026408.85        9.94442  (20010209)                259534.80
4026409.39        9.99583  (20010209)
        259435.47   4026411.56        7.52167  (20010209)                259631.95
4026307.24        5.72590  (20010209)
        259607.12   4026307.78        6.70923  (20010209)                259582.28
4026308.33        7.59447  (20010209)
        259557.45   4026308.87        8.31337  (20010209)                259532.61
4026309.41        8.79976  (20010209)
        259507.78   4026309.96        9.04572  (20010209)                259482.95
4026310.50        9.03258  (20010209)
        259458.11   4026311.04        8.76015  (20010209)                259433.28
4026311.58        8.26160  (20010209)
        259679.43   4026206.18        2.72230  (21120809)                259654.60
4026206.72        3.01462  (20010209)
        259629.76   4026207.27        3.84765  (20010209)                259604.93
4026207.81        4.73242  (20010209)
        259580.10   4026208.35        5.62236  (20010209)                259555.26
4026208.89        6.46158  (20010209)
        259530.43   4026209.44        7.19614  (20010209)                259675.06
4026006.23        2.07490  (21120809)
        259650.23   4026006.77        2.34002  (21120809)                259625.39
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4026007.31   2.50011 (21120809)
        259600.56   4026007.86   2.55914 (21120809)   259575.73
4026008.40   2.61743 (18020109)
        259550.89   4026008.94   3.24000 (20010209)   259526.06
4026009.48   3.92615 (20010209)
        259670.69   4025806.28   1.77322 (20010210)   259645.86
4025806.82   1.62530 (21120809)
        259621.02   4025807.36   1.93114 (21120809)   259596.19
4025807.90   2.18488 (21120809)
        259571.36   4025808.45   2.35768 (21120809)   259546.52
4025808.99   2.43325 (21120809)
        259521.69   4025809.53   2.40606 (21120809)   259666.32
4025606.32   1.82331 (20010210)
        259641.49   4025606.87   1.73300 (20010210)   259616.65
4025607.41   1.59715 (20010210)
        259591.82   4025607.95   1.50948 (21120809)   259566.99
4025608.49   1.80047 (21120809)
        259542.15   4025609.04   2.04686 (21120809)   259517.32
4025609.58   2.22475 (21120809)
        259661.95   4025406.37   1.76873 (20010210)   259637.12
4025406.91   1.75790 (20010210)
        259612.29   4025407.46   1.69523 (20010210)   259587.45
4025408.00   1.58875 (20010210)
        259562.62   4025408.54   1.45742 (20010210)   259537.78
4025409.08   1.43665 (21120809)
        259512.95   4025409.63   1.69388 (21120809)   259488.12
4025410.17   1.91692 (21120809)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                 INCLUDING SOURCE(S):   PHASE4   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
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- -
        259463.28   4025410.71   2.08903 (21120809)   259438.45

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4025411.26        2.19084  (21120809)
        259413.62   4025411.80        2.21856  (21120809)                259422.19
4026953.67        9.04734  (22122116)
        259422.99   4026995.42       11.52810  (22122116)                259396.80
4026933.27        8.77046  (22122116)
        259397.59   4026975.02       11.21691  (22122116)                259398.39
4027016.78       13.25427  (22122116)
        259409.77   4026851.82        3.55344  (22122116)                259317.30
4026860.93        7.42635  (22122116)
        259331.22   4026825.36        5.00769  (22122116)                259355.67
4026799.88        3.07236  (22122116)
        259296.82   4026935.18       11.72525  (22122116)                259297.61
4026976.93       12.85041  (22122116)
        259298.41   4027018.68       13.04546  (22122116)                259354.57
4026749.90        2.77073  (18121209)
        259389.55   4026734.53        2.60959  (18121209)                259217.31
4026862.84       10.27972  (22122116)
        259231.23   4026827.26        8.44201  (22122116)                259245.15
4026791.69        6.27369  (22122116)
        259259.07   4026756.11        4.17264  (22122116)                259283.52
4026730.64        2.83383  (22021109)
        259370.97   4026692.23        2.45047  (18121209)                259405.95
4026676.86        3.18958  (18120709)
        259196.83   4026937.09       11.62549  (22122116)                259197.63
4026978.84       10.91715  (22122116)
        259198.43   4027020.59       10.42619  (20121509)                259169.22
4026858.94       10.73251  (22122116)
        259184.41   4026820.13        9.26026  (22122116)                259199.59
4026781.32        7.18514  (22122116)
        259214.78   4026742.51        4.94580  (22122116)                259249.04
4026695.31        2.79374  (22021109)
        259287.20   4026678.55        2.65482  (18121209)                259325.36
4026661.79        2.50928  (18121209)
        259401.68   4026628.27        3.79049  (18120709)                259146.84
4026938.04       10.47579  (22122116)
        259147.64   4026979.79        9.34531  (20121509)                259148.44
4027021.55       11.47331  (20121509)
        259213.78   4026609.86        2.55691  (18121209)                259251.10
4026593.47        2.44842  (18121209)
        259288.41   4026577.09        2.19032  (18121209)                259325.72
4026560.70        2.99807  (18120709)
        259363.03   4026544.31        3.95950  (18120709)                258968.46
4026864.80        7.24278  (20121509)
        258983.11   4026827.35        8.53996  (22122116)                258997.76
4026789.90        9.88222  (22122116)
        259012.42   4026752.45        9.32355  (22122116)                259027.07
4026715.00        8.42658  (22122116)
        259041.72   4026677.55        6.92667  (22122116)                259056.37
4026640.10        5.17398  (22122116)
        259071.02   4026602.65        3.50197  (22122116)                259104.09
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4026557.11        2.65316  (22021109)
        259140.91   4026540.94        2.46536  (18121209)                259177.73
4026524.76        2.41881  (18121209)
        259251.37   4026492.42        2.20225  (18120709)                259288.19
4026476.25        3.18440  (18120709)
        259325.01   4026460.08        4.01494  (18120709)                259361.83
4026443.90        4.46087  (18120709)
        259398.65   4026427.73        5.76860  (20010209)                258946.88
4026941.86       10.33530  (20121509)
        258947.68   4026983.61       10.82833  (20121509)                258948.47
4027025.36       10.41599  (20121509)
        259070.77   4026470.81        2.37184  (18121209)                259108.93
4026454.05        2.33267  (18121209)
        259147.09   4026437.29        2.16284  (18121209)                259185.25
4026420.53        1.87498  (18121209)
        259223.41   4026403.76        2.77647  (18120709)                259299.72
4026370.24        4.25931  (18120709)
        259337.88   4026353.48        4.55767  (20010209)                259376.04
4026336.72        6.22499  (20010209)
        258754.01   4026905.64        8.97827  (20121509)                258769.00
4026867.32        9.05832  (20121509)
        258783.99   4026829.01        8.34509  (20121509)                258798.98
4026790.69        7.03388  (20121509)
        258813.97   4026752.38        6.05086  (22122116)                258828.96
4026714.06        7.31891  (22122116)
        258843.95   4026675.75        8.02506  (22122116)                258858.94
4026637.43        7.99698  (22122116)
        258873.93   4026599.12        7.34793  (22122116)                258888.92
4026560.80        6.12899  (22122116)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 673
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE4   ***
                                  INCLUDING SOURCE(S):     PHASE4      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        258903.91   4026522.49        4.67904  (22122116)                258918.90
4026484.17        3.25243  (22122116)
        258933.90   4026445.86        2.65355  (22021109)                258960.23
4026418.42        2.51230  (22021109)
        258997.89   4026401.88        2.27595  (18121209)                259035.56
4026385.33        2.28443  (18121209)
        259110.90   4026352.24        1.91393  (18121209)                259148.57
4026335.70        2.16974  (18120709)
        259186.24   4026319.15        3.11533  (18120709)                259223.91
4026302.61        3.89288  (18120709)
        259261.58   4026286.06        4.28636  (18120709)                259299.25
4026269.52        4.42644  (20010209)
        258746.92   4026945.67        8.16890  (20121509)                258747.71
4026987.42        6.85209  (20121509)
        258748.51   4027029.18        5.24081  (20121509)                258554.15
4026909.20        5.29532  (20121509)
        258569.33   4026870.39        6.68405  (20121509)                258584.52
4026831.58        7.60478  (20121509)
        258599.70   4026792.76        7.95657  (20121509)                258614.89
4026753.95        7.63750  (20121509)
        258630.07   4026715.14        6.66944  (20121509)                258645.26
4026676.33        5.38312  (20121509)
        258660.44   4026637.51        5.43298  (22122116)                258675.63
4026598.70        6.49619  (22122116)
        258690.81   4026559.89        7.07714  (22122116)                258706.00
4026521.08        7.06102  (22122116)
        258721.18   4026482.26        6.46338  (22122116)                258736.36
4026443.45        5.45075  (22122116)
        258751.55   4026404.64        4.23885  (22122116)                258766.73
4026365.83        3.02499  (22122116)
        258781.92   4026327.01        2.49852  (22021109)                258816.18
4026279.82        2.33431  (22021109)
        258854.34   4026263.06        2.07835  (22021109)                258892.50
4026246.30        2.11990  (18121209)
        258968.82   4026212.78        1.90331  (18121209)                259006.98
4026196.02        1.64041  (18121209)
        259045.14   4026179.26        2.07073  (18120709)                259083.30
4026162.50        2.96450  (18120709)
        259121.45   4026145.74        3.72947  (18120709)                259159.61
4026128.98        4.06912  (18120709)
        258546.95   4026949.49        3.88285  (20121509)                258547.75
4026991.24        3.08967  (18112609)
        258548.55   4027032.99        2.95994  (18112609)                258354.06
4026913.33        2.95032  (18112609)
        258369.00   4026875.15        3.15812  (20121509)                258383.94
4026836.97        4.33853  (20121509)
        258398.87   4026798.79        5.56308  (20121509)                258413.81
4026760.61        6.54106  (20121509)
        258428.75   4026722.43        7.04725  (20121509)                258443.69
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4026684.24        7.01771  (20121509)
        258458.63   4026646.06        6.46686  (20121509)                258473.56
4026607.88        5.53332  (20121509)
        258488.50   4026569.70        4.38672  (20121509)                258503.44
4026531.52        4.71463  (22122116)
        258518.38   4026493.34        5.63311  (22122116)                258533.31
4026455.15        6.20284  (22122116)
        258548.25   4026416.97        6.33100  (22122116)                258563.19
4026378.79        5.98722  (22122116)
        258578.13   4026340.61        5.27717  (22122116)                258593.07
4026302.43        4.31480  (22122116)
        258608.00   4026264.25        3.26435  (22122116)                258622.94
4026226.07        2.31061  (22021109)
        258637.88   4026187.88        2.37447  (22021109)                258671.59
4026141.46        2.23177  (22021109)
        258709.13   4026124.97        2.01459  (22021109)                258746.66
4026108.48        1.99074  (18121209)
        258821.74   4026075.51        1.85794  (18121209)                258859.28
4026059.02        1.67857  (18121209)
        258896.82   4026042.53        1.44827  (18121209)                258934.36
4026026.04        1.84246  (18120709)
        258971.90   4026009.56        2.60576  (18120709)                259009.43
4025993.07        3.30323  (18120709)
        258346.99   4026953.30        2.83289  (18112609)                258347.79
4026995.05        2.51955  (18112609)
        258348.58   4027036.81        2.91626  (22121309)                258154.17
4026916.97        2.42233  (18112609)
        258169.25   4026878.43        2.72186  (18112609)                258184.33
4026839.88        2.78131  (18112609)
        258199.40   4026801.34        2.79159  (20121109)                258214.48
4026762.80        3.71781  (20121509)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 674
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE4   ***
                                 INCLUDING SOURCE(S):     PHASE4      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)        CONC     (YYMMDDHH)
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4026338.46        3.21543  (22122116)
        258197.21   4026299.65        4.00913  (22122116)                258212.40
4026260.83        4.64500  (22122116)
        258227.58   4026222.02        5.02434  (22122116)                258242.77
4026183.21        5.11820  (22122116)
        258257.95   4026144.40        4.86190  (22122116)                258273.14
4026105.58        4.33227  (22122116)
        258288.32   4026066.77        3.61686  (22122116)                258303.51
4026027.96        2.82556  (22122116)
        258318.69   4025989.14        2.09030  (22122116)                258333.88
4025950.33        2.07244  (22021109)
        258349.06   4025911.52        2.10939  (22021109)                258383.33
4025864.33        2.02935  (22021109)
        258421.49   4025847.57        1.86155  (22021109)                258459.64
4025830.81        1.74937  (18121209)
        258497.80   4025814.05        1.77942  (18121209)                258535.96
4025797.28        1.74607  (18121209)
        258574.12   4025780.52        1.65433  (18121209)                258612.28
4025763.76        1.50504  (18121209)
        258650.44   4025747.00        1.31443  (18121209)                258688.60
4025730.24        1.14386  (18120709)
        258726.76   4025713.48        1.75183  (18120709)                258764.92
4025696.72        2.39901  (18120709)
        258803.07   4025679.96        2.99539  (18120709)                258841.23
4025663.20        3.40842  (18120709)
        258879.39   4025646.44        3.51510  (18120709)                258917.55
4025629.68        3.28716  (18120709)
        258955.71   4025612.92        2.80765  (18120709)                258993.87
4025596.16        3.50204  (20010209)
        259032.03   4025579.40        4.17735  (20010209)                259070.19
4025562.64        4.69930  (20010209)
        259108.35   4025545.88        4.97931  (20010209)                259146.50
4025529.12        4.98867  (20010209)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 675
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE4   ***
                                 INCLUDING SOURCE(S):     PHASE4      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
259184.66	4025512.36	4.70773	(20010209)	259222.82	4025495.60	4.19105	(20010209)
259260.98	4025478.84	3.50805	(20010209)	259299.14	4025462.08	2.76367	(20010209)
259337.30	4025445.32	2.35376	(18020109)	259375.46	4025428.56	2.27193	(18020109)
257947.06	4026960.93	3.10596	(22121309)	257947.86	4027002.69	3.46013	(22121309)
257948.65	4027044.44	3.57825	(18012309)	259440.80	4026786.83	2.65593	(18121209)
259379.45	4026788.79	2.84009	(18121209)	259436.01	4026636.90	4.32736	(18120709)
259432.81	4026536.95	5.33428	(20010209)	259426.43	4026337.06	7.93625	(20010209)
259420.04	4026137.16	7.80556	(20010209)	259379.14	4026138.47	7.58930	(20010209)
259413.66	4025937.26	5.68358	(20010209)	259372.76	4025938.57	6.34244	(20010209)
259407.27	4025737.36	3.37647	(20010209)	259366.37	4025738.67	4.21914	(20010209)
259400.88	4025537.46	2.37023	(18020109)	259359.98	4025538.77	2.39693	(20010209)
259359.62	4026838.10	4.64533	(22122116)	259400.71	4026338.79	7.08532	(20010209)
259330.90	4027040.02	13.61571	(22122116)	259334.08	4027080.58	12.93718	(22122116)
259338.10	4026995.92	13.20253	(22122116)	259305.97	4027041.98	12.92987	(22122116)
259309.16	4027082.54	11.84737	(20121509)	259338.57	4026970.92	12.39373	(22122116)
259282.64	4027064.21	11.26740	(20121509)	259285.83	4027104.77	13.62223	(20121509)
259320.38	4026953.78	12.01718	(22122116)	259259.31	4027086.45	13.02574	(20121509)
259219.74	4027011.60	10.63183	(22122116)	259233.19	4026973.40	12.01224	(22122116)
259206.28	4027049.81	11.84821	(20121509)	259209.47	4027090.37	13.48088	(20121509)
259176.62	4026996.42	9.60510	(20121509)	259156.43	4027053.73	12.62882	(20121509)
259159.62	4027094.29	13.37397	(20121509)	259113.32	4027038.54	12.31798	(20121509)
259126.77	4027000.33	10.80806	(20121509)	259192.54	4026858.76	10.50672	(22122116)
259267.22	4026827.36	7.34907	(22122116)	259108.18			

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4027077.92       12.67319  (20121509)
        259111.37   4027118.48       11.95216  (20121509)                259090.38
4026966.04        9.74134  (20121509)
        259103.84   4026927.84        9.37929  (22122116)                259117.29
4026889.63       10.62043  (22122116)
        259130.75   4026851.43       10.70327  (22122116)                259156.15
4026824.47        9.94206  (22122116)
        259212.16   4026800.92        7.73253  (22122116)                259268.17
4026777.37        4.83695  (22122116)
        259058.33   4027081.84       11.61497  (20121509)                259061.52
4027122.40       10.25041  (20121509)
        258963.78   4027050.29       10.09487  (20121509)                258977.23
4027012.08       11.11534  (20121509)
        258990.69   4026973.88       10.95536  (20121509)                259004.15
4026935.67        9.72777  (20121509)
        259031.06   4026859.26        9.04801  (22122116)                259044.51
4026821.05        9.84827  (22122116)
        259057.97   4026782.85        9.67321  (22122116)                259083.37
4026755.89        8.80369  (22122116)
        259176.72   4026716.64        4.95824  (22122116)                259214.06
4026700.94        3.29954  (22122116)
        258958.64   4027089.67        8.40156  (20121509)                258961.83
4027130.23        6.45934  (20121509)
        258884.27   4027000.81        9.64744  (20121509)                258897.72
4026962.61       10.34891  (20121509)
        258911.18   4026924.40       10.04750  (20121509)                258924.64
4026886.19        8.84457  (20121509)
        258938.09   4026847.99        7.08249  (20121509)                258951.55
4026809.78        8.17642  (22122116)
        258965.01   4026771.58        9.07304  (22122116)                258978.46
4026733.37        9.11585  (22122116)
        259010.59   4026687.32        7.86188  (22122116)                259066.60
4026663.76        5.81825  (22122116)
        259103.94   4026648.06        4.26442  (22122116)                259141.27
4026632.36        2.90476  (22021109)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 676
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE4   ***
                                 INCLUDING SOURCE(S):     PHASE4      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
258857.36	4027077.22	5.98400	(20121509)	258860.54	4027117.78	4.20857	(20121509)
258764.39	4027065.95	4.13243	(20121509)	258777.85	4027027.75	6.02118	(20121509)
258791.30	4026989.54	7.83638	(20121509)	258804.76	4026951.34	9.14769	(20121509)
258818.22	4026913.13	9.63632	(20121509)	258831.67	4026874.92	9.19730	(20121509)
258845.13	4026836.72	8.05111	(20121509)	258858.59	4026798.51	6.42211	(20121509)
258872.04	4026760.31	7.33248	(22122116)	258885.50	4026722.10	8.26315	(22122116)
258898.95	4026683.90	8.53244	(22122116)	258912.41	4026645.69	8.01169	(22122116)
258937.81	4026618.74	7.01326	(22122116)	259012.49	4026587.33	4.37319	(22122116)
259049.83	4026571.63	3.02542	(22122116)	258759.26	4027105.34	3.24447	(18112609)
258762.44	4027145.90	3.22950	(22121309)	258684.88	4027016.48	4.29523	(20121509)
258698.34	4026978.27	6.03053	(20121509)	258711.80	4026940.07	7.59910	(20121509)
258725.25	4026901.86	8.62719	(20121509)	258738.71	4026863.65	8.91062	(20121509)
258752.16	4026825.45	8.42827	(20121509)	258765.62	4026787.24	7.31481	(20121509)
258779.08	4026749.04	5.83905	(20121509)	258792.53	4026710.83	6.60684	(22122116)
258805.99	4026672.63	7.56203	(22122116)	258819.45	4026634.42	7.90898	(22122116)
258832.90	4026596.21	7.63992	(22122116)	258865.03	4026550.16	6.24112	(22122116)
258939.71	4026518.75	3.81241	(22122116)	258977.05	4026503.05	2.73795	(22021109)
258657.97	4027092.89	2.93529	(18112609)	258661.16	4027133.45	3.39768	(22121309)
258465.31	4027089.45	3.36681	(22121309)	258485.50	4027032.14	2.71696	(18112609)
258498.95	4026993.94	2.98688	(18112609)	258512.41	4026955.73	3.11132	(20121509)
258525.87	4026917.52	4.49171	(20121509)	258539.32	4026879.32	5.87421	(20121509)
258552.78	4026841.11	7.01745	(20121509)	258566.24			

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4026802.91        7.66239  (20121509)
        258579.69   4026764.70        7.76115  (20121509)                258593.15
4026726.50        7.23233  (20121509)
        258606.60   4026688.29        6.22007  (20121509)                258620.06
4026650.09        4.94061  (20121509)
        258633.52   4026611.88        5.45907  (22122116)                258646.97
4026573.67        6.40571  (22122116)
        258660.43   4026535.47        6.88735  (22122116)                258673.89
4026497.26        6.87349  (22122116)
        258687.34   4026459.06        6.33905  (22122116)                258719.47
4026413.00        4.98145  (22122116)
        258775.48   4026389.45        3.44610  (22122116)                258812.82
4026373.75        2.56125  (22021109)
        258850.15   4026358.04        2.55497  (22021109)                258924.83
4026326.64        2.18945  (18121209)
        258962.17   4026310.94        2.20961  (18121209)                258999.51
4026295.24        2.11250  (18121209)
        259036.85   4026279.54        1.91246  (18121209)                259074.19
4026263.84        1.66644  (18120709)
        259167.54   4026224.58        3.73385  (18120709)                259204.87
4026208.88        4.15032  (18120709)
        259242.21   4026193.18        4.12064  (18120709)                259279.55
4026177.48        4.96177  (20010209)
        259316.89   4026161.77        6.21641  (20010209)                259354.23
4026146.07        7.19781  (20010209)
        258460.18   4027128.83        3.88312  (22121309)                258463.36
4027169.39        5.30324  (18012309)
        258265.93   4027105.12        3.80768  (22121309)                258279.38
4027066.91        3.51665  (22121309)
        258292.84   4027028.70        3.00121  (22121309)                258306.30
4026990.50        2.39029  (18112609)
        258319.75   4026952.29        2.74845  (18112609)                258339.94
4026894.98        2.91170  (18112609)
        258353.39   4026856.78        3.39804  (20121509)                258366.85
4026818.57        4.56391  (20121509)
        258380.31   4026780.37        5.70679  (20121509)                258393.76
4026742.16        6.55882  (20121509)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 677
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE4   ***
                                  INCLUDING SOURCE(S):     PHASE4      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
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***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
258407.22	4026703.96	6.95952	(20121509)	258420.67	4026665.75	6.84975	(20121509)
258434.13	4026627.54	6.26061	(20121509)	258447.59	4026589.34	5.32643	(20121509)
258461.04	4026551.13	4.22738	(20121509)	258474.50	4026512.93	4.56438	(22122116)
258487.96	4026474.72	5.44508	(22122116)	258501.41	4026436.52	6.01825	(22122116)
258514.87	4026398.31	6.19869	(22122116)	258528.33	4026360.11	5.93979	(22122116)
258541.78	4026321.90	5.31234	(22122116)	258573.91	4026275.84	4.00035	(22122116)
258629.92	4026252.29	2.70826	(22122116)	258667.25	4026236.59	2.39723	(22021109)
258704.59	4026220.89	2.39832	(22021109)	258779.27	4026189.48	2.01065	(22021109)
258816.61	4026173.78	2.04587	(18121209)	258853.95	4026158.08	2.02233	(18121209)
258891.29	4026142.38	1.90576	(18121209)	258928.63	4026126.68	1.70650	(18121209)
259021.98	4026087.42	2.66158	(18120709)	259059.31	4026071.72	3.35969	(18120709)
259096.65	4026056.02	3.81793	(18120709)	259133.99	4026040.32	3.90386	(18120709)
259171.33	4026024.62	3.64358	(20010209)	259208.67	4026008.92	4.73275	(20010209)
259246.01	4025993.21	5.71965	(20010209)	259283.35	4025977.51	6.44531	(20010209)
259320.69	4025961.81	6.74779	(20010209)	258260.79	4027144.50	5.69715	(18012309)
258263.98	4027185.06	7.70853	(18012309)	258066.54	4027120.78	5.94638	(18012309)
258080.00	4027082.57	4.17264	(18012309)	258093.45	4027044.37	3.58977	(22121309)
258106.91	4027006.16	3.22854	(22121309)	258120.37	4026967.96	2.65944	(22121309)
258133.82	4026929.75	2.22758	(18112609)	258147.28	4026891.55	2.59229	(18112609)
258160.74	4026853.34	2.77286	(18112609)	258174.19	4026815.14	2.70953	(20121109)
258187.65	4026776.93	3.05390	(20121509)	258201.10			

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4026738.72        4.07727  (20121509)
        258214.56   4026700.52        5.02929  (20121509)                258228.02
4026662.31        5.76686  (20121509)
        258241.47   4026624.11        6.18033  (20121509)                258254.93
4026585.90        6.17856  (20121509)
        258268.39   4026547.70        5.77882  (20121509)                258281.84
4026509.49        5.05422  (20121509)
        258295.30   4026471.28        4.14102  (20121509)                258308.76
4026433.08        3.39198  (22122116)
        258322.21   4026394.87        4.26321  (22122116)                258335.67
4026356.67        4.98557  (22122116)
        258349.12   4026318.46        5.44971  (22122116)                258362.58
4026280.26        5.56932  (22122116)
        258376.04   4026242.05        5.32949  (22122116)                258389.49
4026203.84        4.78868  (22122116)
        258402.95   4026165.64        4.03773  (22122116)                258428.35
4026138.69        3.25169  (22122116)
        258503.02   4026107.28        2.23572  (22021109)                258540.36
4026091.58        2.27181  (22021109)
        258577.70   4026075.88        2.21869  (22021109)                258615.04
4026060.18        2.06578  (22021109)
        258652.38   4026044.48        1.89200  (18121209)                258689.72
4026028.77        1.93576  (18121209)
        258727.06   4026013.07        1.90715  (18121209)                258764.40
4025997.37        1.79123  (18121209)
        258801.74   4025981.67        1.59834  (18121209)                258876.41
4025950.27        1.68963  (18120709)
        258913.75   4025934.56        2.40847  (18120709)                258951.09
4025918.86        3.11109  (18120709)
        258988.43   4025903.16        3.62630  (18120709)                259025.77
4025887.46        3.79294  (18120709)
        259063.11   4025871.76        3.58406  (18120709)                259100.45
4025856.06        3.60914  (20010209)
        259137.79   4025840.35        4.50306  (20010209)                259175.13
4025824.65        5.26134  (20010209)
        259212.47   4025808.95        5.79144  (20010209)                259249.80
4025793.25        5.97354  (20010209)
        259287.14   4025777.55        5.76423  (20010209)                259324.48
4025761.85        5.19361  (20010209)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                PAGE 678
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE4   ***
                                INCLUDING SOURCE(S):     PHASE4      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
258061.41	4027160.16	7.75783	(18012309)	258064.59	4027200.72	9.50250	(18012309)
257867.16	4027136.45	7.61698	(18012309)	257880.61	4027098.24	5.98199	(18012309)
257894.07	4027060.03	4.47007	(18012309)	257907.53	4027021.83	3.52428	(22121309)
257920.98	4026983.62	3.36638	(22121309)	258008.45	4026735.29	2.63859	(20121109)
258021.90	4026697.08	2.79538	(20121509)	258035.36	4026658.87	3.66166	(20121509)
258048.82	4026620.67	4.49552	(20121509)	258062.27	4026582.46	5.15988	(20121509)
258075.73	4026544.26	5.54859	(20121509)	258089.19	4026506.05	5.60769	(20121509)
258102.64	4026467.85	5.33142	(20121509)	258116.10	4026429.64	4.76804	(20121509)
258129.55	4026391.44	4.01655	(20121509)	258143.01	4026353.23	3.18852	(20121509)
258156.47	4026315.02	3.24980	(22122116)	258169.92	4026276.82	3.98248	(22122116)
258183.38	4026238.61	4.55521	(22122116)	258196.84	4026200.41	4.91673	(22122116)
258210.29	4026162.20	5.02206	(22122116)	258223.75	4026124.00	4.80653	(22122116)
258237.20	4026085.79	4.33810	(22122116)	258250.66	4026047.58	3.69689	(22122116)
258282.79	4026001.53	2.65088	(22122116)	258338.79	4025977.98	2.03047	(22021109)
258376.13	4025962.27	2.12327	(22021109)	258413.47	4025946.57	2.14908	(22021109)
258450.81	4025930.87	2.06428	(22021109)	258488.15	4025915.17	1.90344	(22021109)
258525.49	4025899.47	1.79901	(18121209)	258562.83	4025883.77	1.83262	(18121209)
258600.17	4025868.06	1.80487	(18121209)	258637.51	4025852.36	1.70315	(18121209)
258674.85	4025836.66	1.54405	(18121209)	258712.18	4025820.96	1.34541	(18121209)
258749.52	4025805.26	1.27704	(18120709)	258786.86			

4025789.56   1.89247 (18120709)
        258824.20   4025773.85   2.60604 (18120709)   258861.54
4025758.15   3.21027 (18120709)
        258898.88   4025742.45   3.56125 (18120709)   258936.22
4025726.75   3.62777 (18120709)
        258973.56   4025711.05   3.34954 (18120709)   259010.90
4025695.35   3.13358 (20010209)
        259048.24   4025679.64   3.90442 (20010209)   259085.57
4025663.94   4.58399 (20010209)
        259122.91   4025648.24   5.08707 (20010209)   259160.25
4025632.54   5.33232 (20010209)
        259197.59   4025616.84   5.27408 (20010209)   259234.93
4025601.14   4.89690 (20010209)
        259272.27   4025585.44   4.28049 (20010209)   259309.61
4025569.73   3.53835 (20010209)
        257862.02   4027175.83   9.47628 (18012309)   257865.21
4027216.39   10.76448 (18012309)
        259335.94   4027123.45   13.92473 (20121509)   259336.28
4027147.64   15.24636 (20121509)
        259336.62   4027171.84   16.18582 (20121509)   259336.96
4027196.03   16.42376 (20121509)
        259337.30   4027220.23   16.18035 (20121509)   259337.64
4027244.43   15.25931 (20121509)
        259337.98   4027268.62   13.75339 (20121509)   259310.94
4027123.80   14.28673 (20121509)
        259311.28   4027147.99   15.30681 (20121509)   259311.62
4027172.19   15.85707 (20121509)
        259311.96   4027196.39   15.94243 (20121509)   259312.30
4027220.58   15.36710 (20121509)
        259312.64   4027244.78   14.10009 (20121509)   259312.98
4027268.97   12.33710 (20121509)
        259286.29   4027148.35   15.18508 (20121509)   259286.63
4027172.54   15.47346 (20121509)
        259286.97   4027196.74   15.27092 (20121509)   259287.31
4027220.93   14.37661 (20121509)
        259287.65   4027245.13   12.89360 (20121509)   259287.99
4027269.32   10.94791 (20121509)
        259260.95   4027124.50   14.53681 (20121509)   259261.29
4027148.70   14.94801 (20121509)
        259261.63   4027172.89   14.90694 (20121509)   259261.97
4027197.09   14.36774 (20121509)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: PHASE4   ***
                                INCLUDING SOURCE(S):   PHASE4   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        259262.31   4027221.28   13.24337 (20121509)   259262.65
4027245.48   11.55700 (20121509)
        259262.99   4027269.68   9.52253 (20121509)   259210.95
4027125.20   14.11176 (20121509)
        259211.29   4027149.40   13.97276 (20121509)   259211.63
4027173.59   13.32941 (20121509)
        259211.97   4027197.79   12.25148 (20121509)   259212.31
4027221.99   10.71738 (20121509)
        259212.65   4027246.18   8.88741 (20121509)   259212.99
4027270.38   6.97083 (20121509)
        259160.96   4027125.91   13.13256 (20121509)   259161.30
4027150.10   12.48024 (20121509)
        259161.64   4027174.30   11.41126 (20121509)   259161.98
4027198.49   9.96519 (20121509)
        259162.32   4027222.69   8.28388 (20121509)   259162.66
4027246.88   6.51983 (20121509)
        259163.00   4027271.08   4.86183 (20121509)   259111.30
4027150.80   10.57580 (20121509)
        259111.64   4027175.00   9.26625 (20121509)   259111.98
4027199.20   7.75447 (20121509)
        259112.32   4027223.39   6.14990 (20121509)   259112.66
4027247.59   4.62488 (20121509)
        259113.00   4027271.78   4.98288 (18012309)   259061.31
4027151.51   8.71784 (20121509)
        259061.65   4027175.70   7.28341 (20121509)   259061.99
4027199.90   5.80124 (20121509)
        259062.33   4027224.09   4.39633 (20121509)   259062.67
4027248.29   4.15138 (20011009)
        259063.01   4027272.49   5.61031 (18012309)   258961.32
4027152.91   5.23159 (20121509)
        258961.66   4027177.11   4.01118 (20121509)   258962.00
4027201.30   3.35572 (22121309)
        258962.34   4027225.50   3.88730 (20011009)   258962.68
4027249.69   5.30092 (18012309)
        258963.02   4027273.89   7.15806 (18012309)   258861.33
4027154.32   3.26504 (18112609)
        258861.67   4027178.51   3.37088 (22121309)   258862.01

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4027202.71        3.84990  (22121309)
        258862.35   4027226.90        4.99121  (18012309)                258862.69
4027251.10        6.63992  (18012309)
        258863.03   4027275.30        8.44094  (18012309)                258761.68
4027179.92        3.87153  (22121309)
        258762.02   4027204.11        4.69547  (18012309)                258762.36
4027228.31        6.19745  (18012309)
        258762.70   4027252.50        7.82328  (18012309)                258763.04
4027276.70        9.59527  (18012309)
        258661.35   4027157.13        3.79802  (22121309)                258661.69
4027181.32        4.29653  (18012309)
        258662.03   4027205.52        5.65897  (18012309)                258662.37
4027229.71        7.18617  (18012309)
        258662.71   4027253.91        8.95758  (18012309)                258663.05
4027278.11       10.57756  (18012309)
        258462.05   4027208.33        7.32464  (18012309)                258462.39
4027232.52        8.62714  (18012309)
        258462.73   4027256.72       10.03817  (18012309)                258463.07
4027280.92       11.36959  (18012309)
        258262.07   4027211.14        8.97143  (18012309)                258262.41
4027235.33       10.10225  (18012309)
        258262.75   4027259.53       11.05421  (18012309)                258263.09
4027283.73       12.09886  (18012309)
        258062.43   4027238.14       10.87621  (18012309)                258062.77
4027262.34       11.29309  (18012309)
        258063.11   4027286.54       11.41388  (18012309)                257862.45
4027240.95       11.22585  (18012309)
        257862.79   4027265.15       11.43353  (18012309)                257863.13
4027289.35       11.17194  (18012309)
        259338.18   4027292.34       11.87616  (20121509)                259338.38
4027316.19        9.67157  (20121509)
        259338.58   4027340.05        7.81863  (18012309)                259313.18
4027292.55       10.34882  (20121509)
        259313.38   4027316.40        8.16542  (20121509)                259313.58
4027340.26        8.33597  (18012309)
        259288.18   4027292.76        8.81642  (20121509)                259288.38
4027316.61        6.73187  (20121509)
        259288.58   4027340.47        8.55060  (18012309)                259263.18
4027292.96        7.47121  (20121509)
        259263.38   4027316.82        6.49019  (18012309)                259263.58
4027340.68        8.79172  (18012309)
        259213.19   4027293.38        5.34928  (18012309)                259213.39
4027317.24        7.30275  (18012309)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 680
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE4 ***
INCLUDING SOURCE(S): PHASE4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
259213.59	4027341.10	9.47466	(18012309)	259163.19	4027293.80	6.01071	(18012309)
259163.39	4027317.66	8.10830	(18012309)	259163.59	4027341.52	10.41325	(18012309)
259113.19	4027294.22	6.63505	(18012309)	259113.39	4027318.08	8.56879	(18012309)
259113.59	4027341.94	10.65604	(18012309)	259063.39	4027318.50	9.16891	(18012309)
259063.59	4027342.35	11.20286	(18012309)	258963.39	4027319.34	10.57879	(18012309)
258963.59	4027343.19	12.34949	(18012309)	258863.40	4027320.17	11.72854	(18012309)
258863.60	4027344.03	13.14269	(18012309)	258763.40	4027321.01	12.30547	(18012309)
258763.60	4027344.87	13.35711	(18012309)	258663.40	4027321.85	12.81781	(18012309)
258663.60	4027345.71	13.69662	(18012309)	258463.41	4027323.53	13.02275	(18012309)
258463.61	4027347.38	13.22647	(18012309)	258263.42	4027325.20	12.93650	(18012309)
258263.62	4027349.06	12.64381	(18012309)	258063.43	4027326.88	11.08342	(18012309)
258063.63	4027350.74	10.42813	(18012309)	257863.43	4027328.56	10.12328	(18012309)
257863.63	4027352.41	9.32110	(18012309)	259339.22	4027365.21	10.21566	(18012309)
259339.86	4027389.95	12.52922	(18012309)	259340.50	4027414.68	14.70888	(18012309)
259341.13	4027439.41	16.57504	(18012309)	259341.77	4027464.14	17.72449	(18012309)
259342.40	4027488.87	17.87413	(18012309)	259343.04	4027513.60	17.07639	(18012309)
259343.68	4027538.33	15.38615	(18012309)	259344.31	4027563.06	13.40190	(21122109)
259344.95	4027587.80	13.50264	(21120616)	259345.58			

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4027612.53       16.19958  (21120616)
        259346.22   4027637.26       18.30569  (21120616)                259346.86
4027661.99       19.59156  (21120616)
        259347.49   4027686.72       19.88810  (21120616)                259348.13
4027711.45       18.97108  (21120616)
        259314.23   4027365.86       10.74809  (18012309)                259314.87
4027390.59       13.09954  (18012309)
        259315.50   4027415.32       15.09828  (18012309)                259316.14
4027440.05       16.67237  (18012309)
        259316.78   4027464.78       17.61963  (18012309)                259317.41
4027489.51       17.73333  (18012309)
        259318.05   4027514.24       16.69399  (18012309)                259318.68
4027538.98       14.80674  (18012309)
        259319.32   4027563.71       12.88915  (21122109)                259319.96
4027588.44       12.83877  (21120616)
        259320.59   4027613.17       15.48167  (21120616)                259321.23
4027637.90       17.57912  (21120616)
        259321.86   4027662.63       18.90208  (21120616)                259322.50
4027687.36       19.29228  (21120616)
        259323.14   4027712.10       18.61099  (21120616)                259289.24
4027366.50       11.17912  (18012309)
        259289.88   4027391.23       13.42492  (18012309)                259290.51
4027415.96       15.28642  (18012309)
        259291.15   4027440.69       16.55410  (18012309)                259291.78
4027465.42       17.52121  (18012309)
        259292.42   4027490.16       17.49564  (18012309)                259293.06
4027514.89       16.19302  (18012309)
        259293.69   4027539.62       14.16843  (18012309)                259294.33
4027564.35       12.40215  (21122109)
        259294.96   4027589.08       12.21779  (21120616)                259295.60
4027613.81       14.79095  (21120616)
        259296.24   4027638.54       16.87492  (21120616)                259296.87
4027663.28       18.22956  (21120616)
        259297.51   4027688.01       18.70296  (21120616)                259298.14
4027712.74       18.19035  (21120616)
        259264.25   4027367.14       11.35868  (18012309)                259264.89
4027391.87       13.51672  (18012309)
        259265.52   4027416.60       15.28386  (18012309)                259266.16
4027441.34       16.41401  (18012309)
        259266.79   4027466.07       17.21424  (18012309)                259267.43
4027490.80       17.23021  (18012309)
        259268.07   4027515.53       15.76978  (18012309)                259268.70
4027540.26       13.60678  (18012309)
        259269.34   4027564.99       11.92772  (21122109)                259269.97
4027589.72       11.62482  (21120616)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE4 ***
INCLUDING SOURCE(S): PHASE4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
259270.61	4027614.46	14.12839	(21120616)	259271.25	4027639.19	16.19774	(21120616)
259271.88	4027663.92	17.59031	(21120616)	259272.52	4027688.65	18.13456	(21120616)
259273.15	4027713.38	17.74453	(21120616)	259214.27	4027368.43	11.91214	(18012309)
259214.90	4027393.16	13.79947	(18012309)	259215.54	4027417.89	15.21080	(18012309)
259216.17	4027442.62	16.06341	(18012309)	259216.81	4027467.35	16.61826	(18012309)
259217.45	4027492.08	16.42237	(18012309)	259218.08	4027516.82	15.10315	(18012309)
259218.72	4027541.55	12.58817	(18012309)	259219.35	4027566.28	11.02402	(21122109)
259219.99	4027591.01	10.50148	(21120616)	259220.63	4027615.74	12.87444	(21120616)
259221.26	4027640.47	14.90557	(21120616)	259221.90	4027665.20	16.35173	(21120616)
259222.53	4027689.93	17.04074	(21120616)	259223.17	4027714.67	16.88613	(21120616)
259164.28	4027369.71	12.87241	(18012309)	259164.92	4027394.44	14.62755	(18012309)
259165.55	4027419.18	15.96994	(18012309)	259166.19	4027443.91	16.87306	(18012309)
259166.83	4027468.64	16.82330	(18012309)	259167.46	4027493.37	15.88441	(18012309)
259168.10	4027518.10	13.90344	(18012309)	259168.73	4027542.83	11.47878	(18012309)
259169.37	4027567.56	10.22364	(21122109)	259170.01	4027592.29	9.57335	(21120616)
259170.64	4027617.03	11.81513	(21120616)	259171.28	4027641.76	13.79786	(21120616)
259171.91	4027666.49	15.27564	(21120616)	259172.55			

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4027691.22       16.06645  (21120616)
        259173.19   4027715.95       16.07684  (21120616)                259114.30
4027371.00       13.15177  (18012309)
        259114.93   4027395.73       15.09422  (18012309)                259115.57
4027420.46       16.09037  (18012309)
        259116.21   4027445.19       16.44080  (18012309)                259116.84
4027469.92       16.11374  (18012309)
        259117.48   4027494.65       14.89723  (18012309)                259118.11
4027519.39       13.08544  (18012309)
        259118.75   4027544.12       10.83641  (18012309)                259119.39
4027568.85        9.51473  (21122109)
        259120.02   4027593.58        8.79322  (21120616)                259120.66
4027618.31       10.88547  (21120616)
        259121.29   4027643.04       12.78093  (21120616)                259121.93
4027667.77       14.26269  (21120616)
        259122.57   4027692.51       15.13932  (21120616)                259123.20
4027717.24       15.29818  (21120616)
        259064.32   4027372.28       13.58323  (18012309)                259064.95
4027397.02       15.35714  (18012309)
        259065.59   4027421.75       15.96523  (18012309)                259066.22
4027446.48       16.06272  (18012309)
        259066.86   4027471.21       15.53384  (18012309)                259067.50
4027495.94       14.42952  (18012309)
        259068.13   4027520.67       12.25907  (18012309)                259068.77
4027545.40        9.92163  (18012309)
        259069.40   4027570.13        8.83836  (21122109)                259070.04
4027594.87        8.05274  (21120616)
        259070.68   4027619.60       10.01217  (21120616)                259071.31
4027644.33       11.82852  (21120616)
        259071.95   4027669.06       13.30841  (21120616)                259072.58
4027693.79       14.25170  (21120616)
        259073.22   4027718.52       14.55068  (21120616)                258964.35
4027374.85       14.26065  (18012309)
        258964.98   4027399.59       15.17422  (18012309)                258965.62
4027424.32       15.64260  (18012309)
        258966.26   4027449.05       15.57260  (18012309)                258966.89
4027473.78       14.20139  (18012309)
        258967.53   4027498.51       12.44117  (18012309)                258968.16
4027523.24       10.51933  (18012309)
        258968.80   4027547.97        8.59973  (21122109)                258969.44
4027572.71        7.64666  (21122109)
        258970.07   4027597.44        6.78952  (21120616)                258970.71
4027622.17        8.51097  (21120616)
        258971.34   4027646.90       10.16944  (21120616)                258971.98
4027671.63       11.60045  (21120616)
        258972.62   4027696.36       12.62793  (21120616)                258973.25
4027721.09       13.13203  (21120616)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE4 ***
INCLUDING SOURCE(S): PHASE4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
258864.38	4027377.43	14.54981	(18012309)	258865.02	4027402.16	15.03646	(18012309)
258865.65	4027426.89	14.97779	(18012309)	258866.29	4027451.62	14.25366	(18012309)
258866.93	4027476.35	12.89773	(18012309)	258867.56	4027501.08	11.17325	(18012309)
258868.20	4027525.81	8.95243	(18012309)	258868.83	4027550.54	7.58514	(21122109)
258869.47	4027575.28	6.64402	(21122109)	258870.11	4027600.01	5.77235	(21120616)
258870.74	4027624.74	7.28465	(21120616)	258871.38	4027649.47	8.78491	(21120616)
258872.01	4027674.20	10.13508	(21120616)	258872.65	4027698.93	11.19289	(21120616)
258873.29	4027723.66	11.84315	(21120616)	258764.41	4027380.00	14.56249	(18012309)
258765.05	4027404.73	14.81398	(18012309)	258765.69	4027429.46	14.31402	(18012309)
258766.32	4027454.19	13.25462	(18012309)	258766.96	4027478.92	11.64446	(18012309)
258767.59	4027503.65	9.62444	(18012309)	258768.23	4027528.38	7.63356	(18012309)
258768.87	4027553.12	6.70217	(21122109)	258769.50	4027577.85	5.79788	(21122109)
258770.14	4027602.58	4.94636	(21120616)	258770.77	4027627.31	6.26724	(21120616)
258771.41	4027652.04	7.60603	(21120616)	258772.05	4027676.77	8.87864	(21120616)
258772.68	4027701.50	9.92220	(21120616)	258773.32	4027726.23	10.65087	(21120616)
258664.45	4027382.57	14.18041	(18012309)	258665.08			

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4027407.30       13.70471  (18012309)
        258665.72   4027432.03       12.84811  (18012309)                258666.36
4027456.76       11.56073  (18012309)
        258666.99   4027481.49        9.99287  (18012309)                258667.63
4027506.22        8.30165  (18012309)
        258668.26   4027530.95        6.61778  (21122109)                258668.90
4027555.69        5.93480  (21122109)
        258669.54   4027580.42        5.07992  (21122109)                258670.17
4027605.15        4.26392  (21120616)
        258670.81   4027629.88        5.42981  (21120616)                258671.44
4027654.61        6.61652  (21120616)
        258672.08   4027679.34        7.76301  (21120616)                258672.72
4027704.07        8.79715  (21120616)
        258673.35   4027728.81        9.59275  (21120616)                258464.51
4027387.71       12.72194  (18012309)
        258465.15   4027412.44       11.83909  (18012309)                258465.79
4027437.17       10.49460  (18012309)
        258466.42   4027461.90        8.95337  (18012309)                258467.06
4027486.63        7.42406  (18012309)
        258467.69   4027511.37        5.95363  (18020509)                258468.33
4027536.10        5.41442  (18020509)
        258468.97   4027560.83        4.70030  (18020509)                258469.60
4027585.56        3.93157  (21122109)
        258470.24   4027610.29        3.21121  (21120616)                258470.87
4027635.02        4.11165  (21120616)
        258471.51   4027659.75        5.07055  (21120616)                258472.15
4027684.48        6.03681  (21120616)
        258472.78   4027709.22        6.94580  (21120616)                258473.42
4027733.95        7.71620  (21120616)
        258264.58   4027392.85       11.19546  (18012309)                258265.22
4027417.58        9.75767  (18012309)
        258265.85   4027442.31        8.24449  (18012309)                258266.49
4027467.04        6.82478  (18012309)
        258267.12   4027491.78        5.67001  (18020509)                258267.76
4027516.51        5.21052  (18020509)
        258268.40   4027541.24        4.59269  (18020509)                258269.03
4027565.97        3.91068  (18020509)
        258269.67   4027590.70        3.24698  (18020509)                258270.30
4027615.43        2.68872  (20011010)
        258270.94   4027640.16        3.34830  (20011010)                258271.58
4027664.89        4.04919  (20011010)
        258272.21   4027689.63        4.75269  (20011010)                258272.85
4027714.36        5.52352  (21120616)
        258273.48   4027739.09        6.22441  (21120616)                258064.01
4027373.26        9.69019  (18012309)
        258064.65   4027397.99        8.68708  (18012309)                258065.28
4027422.72        7.57729  (18012309)
        258065.92   4027447.45        6.42755  (18012309)                258066.55
4027472.19        5.52465  (18020509)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                 INCLUDING SOURCE(S):   PHASE4   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        258067.19   4027496.92   5.22160 (18020509)   258067.83
4027521.65   4.73783 (18020509)
        258068.46   4027546.38   4.13425 (18020509)   258069.10
4027571.11   3.46042 (18020509)
        258069.73   4027595.84   2.78103 (18020509)   258070.37
4027620.57   2.29253 (20011010)
        258071.01   4027645.30   2.87564 (20011010)   258071.64
4027670.04   3.52519 (20011010)
        258072.28   4027694.77   4.19826 (20011010)   258072.91
4027719.50   4.81716 (20011010)
        258073.55   4027744.23   5.30923 (20011010)   257864.08
4027378.40   8.31763 (18012309)
        257864.71   4027403.13   7.25289 (18012309)   257865.35
4027427.86   6.12335 (18012309)
        257865.98   4027452.60   5.31715 (18020509)   257866.62
4027477.33   5.03471 (18020509)
        257867.26   4027502.06   4.61555 (18020509)   257867.89
4027526.79   4.18393 (18020509)
        257868.53   4027551.52   3.63923 (18020509)   257869.16
4027576.25   3.01016 (18020509)
        257869.80   4027600.98   2.41005 (18020509)   257870.44
4027625.72   2.03242 (20011010)
        257871.07   4027650.45   2.52343 (20011010)   257871.71
4027675.18   3.04829 (20011010)
        257872.34   4027699.91   3.60474 (20011010)   257872.98
4027724.64   4.18163 (20011010)
        257873.62   4027749.37   4.73002 (20011010)   259373.56
4027735.81   17.35642 (21120616)
        259396.16   4027735.41   17.49692 (21120616)   259418.75

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4027735.01       17.71132  (21120616)
        259441.35   4027734.61       18.07879  (21120616)                259463.95
4027734.22       18.17058  (21120616)
        259486.54   4027733.82       18.05512  (21120616)                259509.14
4027733.42       17.95343  (21120616)
        259531.74   4027733.02       18.17269  (21120616)                259554.33
4027732.62       18.78765  (21120616)
        259576.93   4027732.23       19.03357  (21120616)                259356.27
4027753.86       15.32938  (21120616)
        259396.60   4027760.40       14.42975  (21120616)                259419.19
4027760.01       14.42154  (21120616)
        259441.79   4027759.61       14.42606  (21120616)                259464.39
4027759.21       14.29881  (21120616)
        259486.98   4027758.81       14.02313  (21120616)                259509.58
4027758.42       15.28228  (18121909)
        259532.18   4027758.02       16.73727  (18121909)                259554.77
4027757.62       18.43653  (18121909)
        259577.37   4027757.22       19.90321  (18121909)                259356.71
4027778.86       12.23378  (22122109)
        259313.55   4027747.57       15.87332  (21120616)                259397.04
4027785.40       12.29250  (22122109)
        259419.63   4027785.00       12.49638  (18121909)                259442.23
4027784.61       13.76362  (18121909)
        259464.83   4027784.21       14.99851  (18121909)                259487.42
4027783.81       16.11567  (18121909)
        259510.02   4027783.41       17.16115  (18121909)                259532.62
4027783.01       18.26392  (18121909)
        259555.21   4027782.62       19.62131  (18121909)                259577.81
4027782.22       20.82473  (18121909)
        259357.15   4027803.85       11.24660  (22122109)                259321.69
4027789.98       11.64884  (22122109)
        259296.26   4027765.62       13.93486  (21120616)                259397.48
4027810.40       13.40167  (18121909)
        259420.07   4027810.00       14.52480  (18121909)                259442.67
4027809.60       15.62049  (18121909)
        259465.27   4027809.20       16.60469  (18121909)                259487.86
4027808.81       17.42398  (18121909)
        259510.46   4027808.41       18.09341  (18121909)                259533.06
4027808.01       18.71515  (18121909)
        259555.65   4027807.61       19.56504  (18121909)                259578.25
4027807.21       21.05844  (22121909)
        259358.03   4027853.85       14.14608  (18121909)                259322.57
4027839.97       11.91246  (18121909)
        259287.11   4027826.09       10.06777  (22122109)                259261.67
4027801.73       10.91808  (22122109)
        259246.27   4027766.91       13.77362  (21120616)                259398.36
4027860.39       15.71840  (18121909)
        259420.95   4027859.99       16.31689  (18121909)                259443.55
4027859.59       16.81423  (18121909)
        259466.15   4027859.20       17.15378  (18121909)                259488.74
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                  INCLUDING SOURCE(S):   PHASE4   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        259511.34   4027858.40   19.35113 (22121909)   259533.94
4027858.00   20.65374 (22121909)
        259556.53   4027857.60   21.79180 (22121909)   259579.13
4027857.21   22.90295 (22121909)
        259356.38   4027902.85   14.66544 (18121909)   259315.85
4027886.99   13.78425 (18121909)
        259275.32   4027871.12   11.84809 (18121909)   259225.99
4027835.36   9.66167 (22122109)
        259208.39   4027795.56   10.94826 (21120616)   259190.79
4027755.75   14.51540 (21120616)
        259399.24   4027910.38   15.93808 (22121909)   259421.83
4027909.98   17.20208 (22121909)
        259444.43   4027909.59   18.32264 (22121909)   259467.03
4027909.19   19.29119 (22121909)
        259489.62   4027908.79   20.04189 (22121909)   259512.22
4027908.39   20.58517 (22121909)
        259534.82   4027907.99   20.88341 (22121909)   259557.41
4027907.60   20.85690 (22121909)
        259580.01   4027907.20   20.50893 (22121909)   259357.82
4027953.06   15.72531 (22121909)
        259318.42   4027937.64   13.50471 (18121909)   259279.02
4027922.22   13.46176 (18121909)
        259239.61   4027906.80   12.20755 (18121909)   259191.66
4027872.02   8.66822 (18121909)
        259174.54   4027833.33   9.60888 (22122109)   259157.43
4027794.63   11.14170 (21120616)
        259140.32   4027755.93   14.18549 (21120616)   259400.12

4027960.37 17.31102 (22121909)
259422.71 4027959.98 17.78152 (22121909) 259445.31
4027959.58 18.01458 (22121909)
259467.91 4027959.18 17.98012 (22121909) 259490.50
4027958.78 17.60796 (22121909)
259513.10 4027958.38 18.13574 (22122209) 259535.70
4027957.99 18.66572 (22122209)
259558.29 4027957.59 18.80522 (22122209) 259580.89
4027957.19 18.57086 (22122209)
259359.06 4028003.19 16.11258 (22121909) 259320.37
4027988.05 15.40917 (22121909)
259281.69 4027972.91 13.42160 (22121909) 259243.00
4027957.77 12.70782 (18121909)
259204.32 4027942.63 12.16130 (18121909) 259157.23
4027908.49 9.62511 (18121909)
259140.43 4027870.50 8.34364 (18012609) 259123.63
4027832.50 9.39073 (22122109)
259106.82 4027794.51 11.33794 (21120616) 259090.02
4027756.52 13.78728 (21120616)
259401.00 4028010.37 15.47621 (22121909) 259423.59
4028009.97 15.65804 (22122209)
259446.19 4028009.57 16.25246 (22122209) 259468.79
4028009.17 16.56267 (22122209)
259491.38 4028008.77 16.55891 (22122209) 259513.98
4028008.38 16.21921 (22122209)
259536.58 4028007.98 15.54310 (22122209) 259559.17
4028007.58 16.97766 (22122216)
259581.77 4028007.18 19.79951 (22122216) 259359.90
4028102.82 13.49083 (22122209)
259319.37 4028086.95 13.46642 (22122209) 259278.84
4028071.09 13.69296 (22121909)
259238.31 4028055.23 14.03712 (22121909) 259197.79
4028039.37 12.84510 (22121909)
259157.26 4028023.50 10.72052 (18121909) 259116.73
4028007.64 10.99747 (18121909)
259087.67 4027979.81 10.40339 (18121909) 259070.06
4027940.01 8.48835 (18121909)
259052.46 4027900.20 8.27053 (18012609) 259034.86
4027860.40 8.53927 (22122109)
259017.26 4027820.60 9.48655 (21120616) 258999.66
4027780.80 12.07082 (21120616)
259402.76 4028110.35 12.07060 (22122209) 259425.35
4028109.95 12.00645 (21011109)
259447.95 4028109.55 13.08665 (22122216) 259470.55
4028109.16 15.28788 (22122216)
259493.14 4028108.76 17.37162 (22122216) 259515.74
4028108.36 19.13552 (22122216)
259538.34 4028107.96 20.40084 (22122216) 259560.93
4028107.57 23.94881 (20010709)
259583.53 4028107.17 27.34772 (20010709) 259361.06

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4028202.57       11.81105  (22122216)
        259319.34   4028186.24       10.04591  (21011109)                259277.62
4028169.91       11.71967  (22122209)
↑ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 685
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE4   ***
                                  INCLUDING SOURCE(S):     PHASE4      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - -
        259235.90   4028153.58       11.93537  (22122209)                259194.18
4028137.25       11.41008  (22121909)
        259152.46   4028120.92       12.34362  (22121909)                259110.74
4028104.59       11.92450  (22121909)
        259069.02   4028088.27       10.27083  (22121909)                259018.25
4028051.45        9.91241  (18121909)
        259000.13   4028010.48        9.34018  (18121909)                258982.01
4027969.50        7.58150  (18012609)
        258963.89   4027928.53        8.08899  (18012609)                258945.77
4027887.56        7.75117  (22122109)
        258927.65   4027846.58        7.94920  (21120616)                258909.53
4027805.61       10.52304  (21120616)
        258891.41   4027764.64       11.96633  (21120616)                259404.52
4028210.33       15.32354  (22122216)
        259427.11   4028209.94       16.47182  (22122216)                259449.71
4028209.54       17.19368  (22122216)
        259472.31   4028209.14       19.72199  (20010709)                259494.90
4028208.74       22.44084  (20010709)
        259517.50   4028208.35       24.64321  (20010709)                259540.10
4028207.95       26.21284  (20010709)
        259562.69   4028207.55       26.93526  (20010709)                259585.29
4028207.15       26.62082  (20010709)
        259363.42   4028302.79       14.85175  (22122216)                259322.89
4028286.92       13.34496  (22122216)
        259282.36   4028271.06       10.10278  (22122216)                259241.83
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4028255.20        9.04173  (21011109)
        259201.31   4028239.34       10.00422  (22122209)                259160.78
4028223.47       10.81059  (22122209)
        259120.25   4028207.61       10.26182  (22122209)                259079.72
4028191.75       10.68076  (22121909)
        259039.20   4028175.89       11.08559  (22121909)                258998.67
4028160.02       10.41634  (22121909)
        258949.34   4028124.26        8.41113  (18121909)                258931.74
4028084.46        9.11043  (18121909)
        258914.14   4028044.66        8.49026  (18121909)                258896.53
4028004.85        7.18414  (18012609)
        258878.93   4027965.05        7.74098  (18012609)                258861.33
4027925.25        7.16052  (18012609)
        258843.73   4027885.45        7.37648  (22122109)                258826.13
4027845.64        8.36492  (21120616)
        258808.52   4027805.84       10.29848  (21120616)                258790.92
4027766.04       11.11590  (21120616)
        259406.28   4028310.32       18.66315  (20010709)                259428.87
4028309.92       20.52877  (20010709)
        259451.47   4028309.52       21.91219  (20010709)                259474.07
4028309.13       22.70523  (20010709)
        259496.66   4028308.73       22.88746  (20010709)                259519.26
4028308.33       22.27565  (20010709)
        259541.86   4028307.93       20.97573  (20010709)                259564.45
4028307.53       19.05032  (20010709)
        259587.05   4028307.14       16.66293  (20010709)                259364.75
4028402.61       18.75342  (20010709)
        259323.38   4028386.41       15.42452  (20010709)                259282.01
4028370.22       13.22193  (22122216)
        259240.64   4028354.03       11.35550  (22122216)                259199.27
4028337.83        8.71591  (21011109)
        259157.90   4028321.64        8.06108  (21011109)                259116.52
4028305.45        8.92584  (22122209)
        259075.15   4028289.26        9.70182  (22122209)                259033.78
4028273.06        9.32345  (22122209)
        258992.41   4028256.87        9.19384  (22121909)                258951.04
4028240.68        9.88927  (22121909)
        258909.67   4028224.48        9.67423  (22121909)                258880.00
4028196.07        8.52214  (22121909)
        258862.03   4028155.44        7.94936  (18121909)                258844.06
4028114.81        8.41993  (18121909)
        258826.09   4028074.18        7.65669  (18121909)                258808.12
4028033.54        6.89659  (18012609)
        258790.15   4027992.91        7.60350  (18012609)                258772.18
4027952.28        7.05016  (18012609)
        258754.21   4027911.65        6.81643  (22122109)                258736.24
4027871.02        7.20480  (21120616)
        258718.27   4027830.39        9.13181  (21120616)                258700.30
4027789.75       10.17793  (21120616)
        259408.04   4028410.30       19.69427  (20010709)                259430.63
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4028409.91       19.34699  (20010709)
        259453.23   4028409.51       18.49940  (20010709)                259475.83
4028409.11       17.20080  (20010709)
        259498.42   4028408.71       15.51746  (20010709)                259521.02
4028408.31       13.56410  (20010709)
🌲 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 686
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE4   ***
                                  INCLUDING SOURCE(S):     PHASE4      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
        259543.62   4028407.92       11.53231  (20010709)                259566.21
4028407.52        9.46431  (20010709)
        259588.81   4028407.12        7.41013  (20010709)                259368.37
4028602.61       11.26238  (20010709)
        259327.19   4028586.49       14.41933  (20010709)                259286.01
4028570.37       16.07781  (20010709)
        259244.83   4028554.26       15.64632  (20010709)                259203.65
4028538.14       13.33152  (20010709)
        259162.46   4028522.02       11.14546  (22122216)                259121.28
4028505.90       10.42490  (22122216)
        259080.10   4028489.78        8.51545  (22122216)                259038.92
4028473.67        7.22598  (21011109)
        258997.74   4028457.55        6.67998  (21011109)                258956.56
4028441.43        6.87474  (22122209)
        258915.38   4028425.31        7.84572  (22122209)                258874.20
4028409.19        8.02639  (22122209)
        258833.02   4028393.07        7.43110  (22122209)                258791.83
4028376.96        7.64315  (22121909)
        258741.71   4028340.62        8.33327  (22121909)                258723.82
4028300.17        7.79466  (22121909)
        258705.94   4028259.73        6.37990  (22121909)                258688.05
4028219.28        7.09774  (18121909)
        258670.17   4028178.84        7.16008  (18121909)                258652.28
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4028138.39        6.36489  (18121909)
        258634.39   4028097.95        6.39703  (18012609)                258616.51
4028057.50        7.03941  (18012609)
        258598.62   4028017.06        6.87877  (18012609)                258580.73
4027976.61        5.76750  (22122109)
        258562.85   4027936.17        5.84292  (22122109)                258544.96
4027895.73        6.52639  (21120616)
        258527.08   4027855.28        7.99935  (21120616)                258509.19
4027814.84        8.74134  (21120616)
        258491.30   4027774.39        8.63524  (21120616)                259411.56
4028610.27        7.92652  (20010709)
        259434.15   4028609.88        6.52016  (20010709)                259456.75
4028609.48        5.18667  (20010709)
        259479.35   4028609.08        4.74934  (20011309)                259501.94
4028608.68        6.32404  (20011309)
        259524.54   4028608.28        8.06648  (20011309)                259547.14
4028607.89        9.84873  (20011309)
        259569.73   4028607.49       11.50296  (20011309)                259592.33
4028607.09       12.85612  (20011309)
        259371.95   4028802.60        4.09094  (20122110)                259330.89
4028786.53        4.35631  (20010709)
        259289.83   4028770.46        6.96041  (20010709)                259248.77
4028754.39        9.82597  (20010709)
        259207.71   4028738.32       12.25214  (20010709)                259166.65
4028722.25       13.53649  (20010709)
        259125.59   4028706.18       13.32295  (20010709)                259084.53
4028690.11       11.71615  (20010709)
        259043.47   4028674.04        9.63647  (18122709)                259002.40
4028657.96        9.28217  (22122216)
        258961.34   4028641.89        8.25395  (22122216)                258920.28
4028625.82        6.54633  (22122216)
        258879.22   4028609.75        6.10889  (21011109)                258838.16
4028593.68        5.67599  (21011109)
        258797.10   4028577.61        5.34560  (22122209)                258756.04
4028561.54        6.30690  (22122209)
        258714.98   4028545.47        6.78745  (22122209)                258673.92
4028529.39        6.66698  (22122209)
        258632.86   4028513.32        6.00249  (22122209)                258603.41
4028485.13        6.60775  (22121909)
        258585.58   4028444.80        7.21077  (22121909)                258567.74
4028404.47        7.02741  (22121909)
        258549.91   4028364.15        6.07772  (22121909)                258532.08
4028323.82        5.71684  (18121909)
        258514.24   4028283.49        6.30823  (18121909)                258496.41
4028243.17        6.17744  (18121909)
        258478.57   4028202.84        5.37029  (18121909)                258460.74
4028162.51        5.84388  (18012609)
        258442.91   4028122.19        6.63312  (18012609)                258425.07
4028081.86        6.53743  (18012609)
        258407.24   4028041.54        5.64639  (18012609)                258389.40
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4028001.21   5.18249 (22122109)
        258371.57   4027960.88   4.95738 (20122109)   258353.74
4027920.56   5.95790 (21120616)
        258335.90   4027880.23   7.12432 (21120616)   258318.07
4027839.90   7.70928 (21120616)
        258300.23   4027799.58   7.58490 (21120616)   259415.08
4028810.24   5.73359 (20011309)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                  INCLUDING SOURCE(S):   PHASE4   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

```
4028871.18       11.67858  (20010709)
        259018.82   4028862.98       11.67019  (20010709)                258997.87
4028854.78       11.36432  (20010709)
        258976.91   4028846.58       10.77175  (20010709)                258935.00
4028830.17        8.98835  (20010709)
        258914.05   4028821.97        8.37021  (18122709)                258893.09
4028813.77        8.08777  (22122216)
        258872.14   4028805.57        8.07060  (22122216)                258851.18
4028797.37        7.84325  (22122216)
        258809.27   4028780.96        6.84154  (22122216)                258788.32
4028772.76        6.14832  (22122216)
        258767.37   4028764.56        5.38584  (22122216)                258746.41
4028756.36        5.21585  (21011109)
        258704.50   4028739.96        5.18160  (21011109)                258683.55
4028731.75        4.96612  (21011109)
        258662.59   4028723.55        4.63667  (21011109)                258641.64
4028715.35        4.21675  (21011109)
        258599.73   4028698.95        5.04756  (22122209)                258578.77
4028690.75        5.40560  (22122209)
        258557.82   4028682.55        5.65774  (22122209)                258536.87
4028674.34        5.79468  (22122209)
        258494.96   4028657.94        5.75781  (22122209)                258464.90
4028629.16        5.26562  (22122209)
        258455.80   4028608.58        5.16027  (22121909)                258437.60
4028567.42        6.07567  (22121909)
        258428.50   4028546.84        6.32708  (22121909)                258410.29
4028505.68        6.32068  (22121909)
        258401.19   4028485.10        6.06161  (22121909)                258382.99
4028443.94        5.13230  (22121909)
        258373.89   4028423.36        4.59908  (18121909)                258355.69
4028382.20        5.37161  (18121909)
        258346.59   4028361.62        5.56354  (18121909)                258328.38
4028320.46        5.49151  (18121909)
        258310.18   4028279.30        4.85204  (18121909)                258291.98
4028238.14        5.16766  (18012609)
        258282.88   4028217.56        5.74471  (18012609)                258264.67
4028176.40        6.35881  (18012609)
        258255.57   4028155.83        6.39811  (18012609)                258237.37
4028114.67        5.87394  (18012609)
        258228.27   4028094.09        5.33677  (18012609)                258210.07
4028052.93        4.57501  (22122109)
        258200.97   4028032.35        4.57740  (22122109)                258182.76
4027991.19        4.43118  (20122109)
        258173.66   4027970.61        4.72303  (21120616)                258155.46
4027929.45        5.85594  (21120616)
        258146.36   4027908.87        6.29605  (21120616)                258128.16
4027867.71        6.80828  (21120616)
        258109.95   4027826.55        6.71487  (21120616)                258091.75
4027785.39        6.09548  (21120616)
        259418.60   4029010.21        8.87056  (20011309)                259441.19
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                 INCLUDING SOURCE(S):   PHASE4   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        259336.94   4029186.08   7.64485 (20011309)   259295.22
4029169.76   6.18955 (20011309)
        259253.50   4029153.43   4.49894 (20122110)   259211.78
4029137.10   3.99558 (20122110)
        259170.06   4029120.77   2.98912 (20122110)   259128.34
4029104.44   2.71862 (20010709)
        259086.63   4029088.11   4.31143 (20010709)   259044.91
4029071.78   6.18283 (20010709)
        259003.19   4029055.45   8.02996 (20010709)   258961.47
4029039.12   9.45873 (20010709)
        258919.75   4029022.79   10.15174 (20010709)   258878.03
4029006.47   9.97457 (20010709)
        258836.31   4028990.14   8.93459 (20010709)   258794.59
4028973.81   7.44080 (18122709)
        258752.87   4028957.48   7.06950 (22122216)   258711.15
4028941.15   6.85957 (22122216)
        258669.43   4028924.82   6.05835 (22122216)   258627.71
4028908.49   4.90243 (22122216)
        258585.99   4028892.16   4.57327 (21011109)   258544.27

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4028875.83        4.52016  (21011109)
        258502.55   4028859.51        4.08063  (21011109)                258460.83
4028843.18        3.74480  (22122209)
        258419.12   4028826.85        4.46715  (22122209)                258377.40
4028810.52        4.96679  (22122209)
        258326.62   4028773.70        5.08133  (22122209)                258308.50
4028732.73        4.67297  (22122209)
        258290.38   4028691.76        4.91261  (22121909)                258272.26
4028650.78        5.55845  (22121909)
        258254.14   4028609.81        5.71643  (22121909)                258236.02
4028568.84        5.30372  (22121909)
        258217.90   4028527.86        4.46027  (22121909)                258199.78
4028486.89        4.38058  (18121909)
        258181.66   4028445.92        4.88431  (18121909)                258163.54
4028404.94        4.95125  (18121909)
        258145.42   4028363.97        4.54474  (18121909)                258127.30
4028323.00        4.19545  (18012609)
        258109.18   4028282.02        5.31729  (18012609)                258091.06
4028241.05        5.96418  (18012609)
        258072.94   4028200.08        5.93962  (18012609)                258054.82
4028159.10        5.27786  (18012609)
        258036.70   4028118.13        4.17792  (18012609)                258018.58
4028077.16        4.10548  (22122109)
        258000.46   4028036.18        3.94391  (20122109)                257982.34
4027995.21        4.41078  (21120616)
        257964.22   4027954.24        5.33219  (21120616)                257946.10
4027913.26        5.92981  (21120616)
        257927.98   4027872.29        6.09940  (21120616)                257909.86
4027831.32        5.79716  (20011010)
        257891.74   4027790.35        5.47940  (20011010)                259422.12
4029210.18        8.12298  (19123109)
        259444.71   4029209.78        8.27990  (19123109)                259467.31
4029209.38        8.22180  (19123109)
        259489.91   4029208.99        7.94988  (19123109)                259512.50
4029208.59        7.48318  (19123109)
        259535.10   4029208.19        6.84959  (19123109)                259557.70
4029207.79        6.09661  (19123109)
        259580.29   4029207.40        5.27318  (19123109)                259602.89
4029207.00        4.42858  (19123109)
        259621.33   4027730.68       20.88600  (18121909)                259665.29
4027729.15       23.59512  (18121909)
        259709.26   4027727.61       26.57334  (22121909)                259600.22
4027756.43       21.19423  (18121909)
        259644.18   4027754.90       23.20329  (18121909)                259688.15
4027753.36       26.24697  (22121909)
        259732.11   4027751.83       30.25439  (22121909)                259601.09
4027781.42       21.80244  (18121909)
        259645.05   4027779.88       24.76559  (22121909)                259689.02
4027778.35       27.29113  (22121909)
        259732.99   4027776.81       30.35722  (22121909)                259601.96
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4028306.10       12.39728  (20010709)
        259663.36   4028304.56       10.55144  (20011309)                259707.33
4028303.03       16.83309  (20011309)
        259751.30   4028301.49       19.93572  (20011309)                259622.89
4028406.04       10.47484  (20011309)
        259666.85   4028404.50       14.97475  (20011309)                259710.82
4028402.97       17.59969  (20011309)
        259754.78   4028401.43       18.25664  (19123109)                259629.86
4028605.92       14.01952  (20011309)
        259673.83   4028604.38       14.28423  (19123109)                259717.79
4028602.85       13.50550  (19123109)
        259761.76   4028601.31       10.88921  (19123109)                259636.84
4028805.79       11.24444  (19123109)
        259680.80   4028804.26        9.49872  (19123109)                259724.77
4028802.73        7.37241  (21010709)
        259768.73   4028801.19        9.69004  (21010709)                259643.81
4029005.67        6.41325  (19123109)
        259687.78   4029004.14        6.75988  (21010709)                259731.74
4029002.60        8.41020  (21010709)
        259775.71   4029001.07        8.98357  (21010709)                259628.80
4029206.32        5.39454  (21010709)
        259672.77   4029204.78        6.86789  (21010709)                259716.74
4029203.25        7.64849  (21010709)
        259760.70   4029201.71        7.44160  (21010709)                259755.00
4027725.55       31.51233  (22121909)
        259778.26   4027724.27       34.22885  (22121909)                259801.52
4027722.99       37.21230  (22121909)
        259824.78   4027721.71       40.39638  (22121909)                259848.04
4027720.44       42.96944  (22121909)
        259871.30   4027719.16       53.24858  (20010709)                259894.56
4027717.88       69.77074  (20010709)
        259756.37   4027750.51       32.24203  (22121909)                259779.63
4027749.23       34.22560  (22121909)
        259802.89   4027747.95       36.43066  (22121909)                259826.15
4027746.68       38.78649  (22121909)
        259849.41   4027745.40       48.26180  (20010709)                259872.67
4027744.12       62.17062  (20010709)
        259895.93   4027742.84       76.78636  (20010709)                259757.74
4027775.47       32.06693  (22121909)
        259781.00   4027774.19       33.43785  (22121909)                259804.26
4027772.92       34.19682  (22121909)
        259827.52   4027771.64       43.39625  (20010709)                259850.78
4027770.36       55.08286  (20010709)
        259874.04   4027769.08       67.19567  (20010709)                259897.30
4027767.81       79.01848  (20010709)
        259759.11   4027800.43       29.69799  (22121909)                259782.37
4027799.16       31.53331  (22122216)
        259805.63   4027797.88       41.16351  (20010709)                259828.89
4027796.60       51.94818  (20010709)
        259852.15   4027795.32       62.96664  (20010709)                259875.41
```

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                 INCLUDING SOURCE(S):   PHASE4   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        259857.63   4027895.17   47.99820 (20010709)   259880.89
4027893.90   43.67739 (20010709)
        259904.15   4027892.62   40.17142 (20011309)   259767.34
4027950.21   45.26768 (20010709)
        259790.60   4027948.93   44.03440 (20010709)   259813.86
4027947.65   40.11074 (20010709)
        259837.12   4027946.38   35.30781 (20010709)   259860.38
4027945.10   30.98743 (20010709)
        259883.64   4027943.82   34.99125 (20011309)   259906.90
4027942.54   37.83759 (19123109)
        259770.08   4028000.13   38.56170 (20010709)   259793.34
4027998.85   35.02222 (20010709)
        259816.60   4027997.58   30.06180 (20010709)   259839.86
4027996.30   26.94224 (20011309)
        259863.12   4027995.02   30.85614 (20011309)   259886.38

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4027993.75       32.69719  (19123109)
        259909.64   4027992.47       34.15887  (19123109)                259775.56
4028099.98       18.98538  (20011309)
        259798.82   4028098.70       23.44107  (20011309)                259822.08
4028097.43       26.69187  (20011309)
        259845.34   4028096.15       28.12365  (20011309)                259868.60
4028094.87       29.20867  (19123109)
        259891.86   4028093.60       28.74399  (19123109)                259915.12
4028092.32       26.59326  (19123109)
        259781.04   4028199.83       22.87253  (20011309)                259804.30
4028198.55       23.76704  (20011309)
        259827.56   4028197.28       24.80635  (19123109)                259850.82
4028196.00       24.59263  (19123109)
        259874.08   4028194.72       22.42579  (19123109)                259897.34
4028193.45       19.73882  (19123109)
        259920.60   4028192.17       20.27758  (21010709)                259786.52
4028299.68       20.80333  (19123109)
        259809.78   4028298.40       20.81502  (19123109)                259833.04
4028297.13       19.66760  (19123109)
        259856.30   4028295.85       17.49703  (19123109)                259879.56
4028294.57       16.38791  (21010709)
        259902.82   4028293.29       17.86966  (21010709)                259926.08
4028292.02       18.71586  (21010709)
        259792.01   4028399.53       17.34306  (19123109)                259815.27
4028398.25       15.63925  (19123109)
        259838.53   4028396.98       13.41527  (19123109)                259861.79
4028395.70       15.03248  (21010709)
        259885.05   4028394.42       16.21022  (21010709)                259908.31
4028393.14       16.45081  (21010709)
        259931.57   4028391.87       15.65543  (21010709)                259802.97
4028599.23       11.11660  (21010709)
        259826.23   4028597.95       12.35012  (21010709)                259849.49
4028596.67       12.97193  (21010709)
        259872.75   4028595.40       12.90163  (21010709)                259896.01
4028594.12       12.14489  (21010709)
        259919.27   4028592.84       10.79044  (21010709)                259942.53
4028591.57        9.00790  (21010709)
        259813.94   4028798.93       10.69852  (21010709)                259837.20
4028797.65       10.48388  (21010709)
        259860.46   4028796.37        9.78082  (21010709)                259883.72
4028795.10        8.67193  (21010709)
        259906.98   4028793.82        7.28749  (21010709)                259930.24
4028792.54        6.70951  (20012209)
        259953.50   4028791.27        6.44084  (20012209)                259801.64
4028999.90        8.68985  (21010709)
        259824.90   4028998.63        8.04579  (21010709)                259848.16
4028997.35        7.12573  (21010709)
        259871.42   4028996.07        6.03820  (21010709)                259894.68
4028994.80        6.26546  (20012209)
        259917.94   4028993.52        6.22456  (20012209)                259941.20
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4028992.24        5.81343  (20012209)
        259964.46   4028990.96        6.44392  (21010109)                259797.65
4029200.28        6.53819  (21010709)
        259835.87   4029198.33        5.52768  (20012209)                259859.13
4029197.05        5.86834  (20012209)
        259882.39   4029195.77        5.94148  (20012209)                259905.65
4029194.50        5.72782  (20012209)
        259928.91   4029193.22        5.23904  (20012209)                259952.17
4029191.94        5.39973  (21010109)
        259975.43   4029190.66        6.25521  (21010109)                259939.86
4027716.72      103.30503  (20010709)
        259962.87   4027716.12      101.62852  (20010709)                259985.88
4027715.52       91.57389  (20010709)
        260008.89   4027714.93       86.76234  (20010709)                260031.90
4027714.33       79.05859  (20010709)
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 691
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE4   ***
                                  INCLUDING SOURCE(S):     PHASE4      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        260054.91   4027713.73       73.51850  (19123109)                260077.92
4027713.14       65.77462  (19123109)
        260100.94   4027712.54       77.09067  (22122009)                260123.95
4027711.94       85.77593  (22122009)
        260146.96   4027711.35       91.38761  (22122009)                260169.97
4027710.75       95.82046  (20010809)
        259940.51   4027741.71       95.84979  (20010709)                259963.52
4027741.11       87.90868  (20010709)
        259986.53   4027740.52       76.95359  (20010709)                260009.54
4027739.92       67.98244  (19123109)
        260032.55   4027739.32       68.70067  (19123109)                260055.56
4027738.73       65.04640  (19123109)
        260078.57   4027738.13       56.74806  (18122409)                260101.58
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        260124.59   4027736.94       71.54477  (22122009)                260147.61
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        260170.62   4027735.74       82.35115  (22122009)                259941.16
4027766.70       81.78338  (20010709)
        259964.17   4027766.10       74.52741  (20010709)                259987.18
4027765.51       64.62916  (19123109)
        260010.19   4027764.91       62.11524  (19123109)                260033.20
4027764.31       59.25071  (19123109)
        260056.21   4027763.72       53.43706  (19123109)                260079.22
4027763.12       50.39532  (18122409)
        260102.23   4027762.52       54.88476  (18122409)                260125.24
4027761.93       56.41477  (18122409)
        260148.25   4027761.33       65.01572  (22122009)                260171.26
4027760.73       69.90095  (22122009)
        259941.80   4027791.69       68.09804  (20010709)                259964.81
4027791.10       59.22806  (20010709)
        259987.83   4027790.50       58.46758  (19123109)                260010.84
4027789.90       56.20320  (19123109)
        260033.85   4027789.31       51.88181  (19123109)                260056.86
4027788.71       45.23691  (21010709)
        260079.87   4027788.11       43.94676  (18122409)                260102.88
4027787.52       47.89990  (18122409)
        260125.89   4027786.92       51.60052  (18122409)                260148.90
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        260171.91   4027785.73       58.75425  (22122009)                259943.10
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        259966.11   4027841.08       50.73941  (19123109)                259989.12
4027840.48       49.39519  (19123109)
        260012.13   4027839.89       46.11753  (19123109)                260035.14
4027839.29       41.47873  (21010709)
        260058.15   4027838.69       39.54181  (21010709)                260081.16
4027838.10       39.47906  (18122409)
        260104.18   4027837.50       42.29964  (18122409)                260127.19
4027836.90       43.95157  (18122409)
        260150.20   4027836.31       42.67757  (18122409)                260173.21
4027835.71       43.11974  (20010609)
        259944.40   4027891.66       44.63773  (19123109)                259967.41
4027891.06       43.92477  (19123109)
        259990.42   4027890.47       40.72420  (19123109)                260013.43
4027889.87       36.66600  (21010709)
        260036.44   4027889.27       35.73039  (21010709)                260059.45
4027888.68       32.87991  (21010109)
        260082.46   4027888.08       33.95827  (21010109)                260105.47
4027887.48       36.33578  (18122409)
        260128.48   4027886.89       38.21330  (18122409)                260151.49
4027886.29       37.25060  (18122409)
        260174.50   4027885.69       37.38316  (20010609)                259945.69
4027941.64       38.49996  (19123109)
        259968.70   4027941.05       35.99632  (19123109)                259991.71
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4027940.45 32.28305 (21010709)
  260014.72 4027939.85 32.02027 (21010709) 260037.74
4027939.26 30.04436 (21010709)
  260060.75 4027938.66 29.57990 (21010109) 260083.76
4027938.06 30.43676 (21010109)
  260106.77 4027937.47 31.95589 (18122409) 260129.78
4027936.87 33.14768 (18122409)
  260152.79 4027936.27 32.36452 (18122409) 260175.80
4027935.68 31.99863 (20010609)
  259946.99 4027991.63 32.27752 (19123109) 259970.00
4027991.03 28.57548 (21010709)
  259993.01 4027990.43 29.33568 (21010709) 260016.02
4027989.84 28.51531 (21010709)
  260039.03 4027989.24 25.81797 (21010109) 260062.04
4027988.64 27.47825 (21010109)
  260085.05 4027988.05 27.99178 (21010109) 260108.06
4027987.45 29.16765 (18122409)
↟ *** AERMOD - VERSION 23132 *** *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc *** 07/04/24
 *** AERMET - VERSION 21112 *** ***
                  *** 18:20:08

                              PAGE 692
 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                           *** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4 ***
                              INCLUDING SOURCE(S): PHASE4 ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF OTHER IN MICROGRAMS/M**3
              **

    X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M)
Y-COORD (M) CONC (YYMMDDHH)
 - - -

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        259952.17   4028191.56       20.97205  (21010709)                259975.18
4028190.96       20.17132  (21010709)
        259998.19   4028190.37       17.90203  (21010709)                260021.20
4028189.77       17.86893  (21010109)
        260044.22   4028189.17       19.57674  (21010109)                260067.23
4028188.58       20.34570  (21010109)
        260090.24   4028187.98       19.88546  (21010109)                260113.25
4028187.38       20.56219  (18122409)
        260136.26   4028186.79       21.73532  (18122409)                260159.27
4028186.19       21.71023  (18122409)
        260182.28   4028185.59       20.23284  (18122409)                259954.76
4028291.53       17.53597  (21010709)
        259977.78   4028290.93       15.54715  (21010709)                260000.79
4028290.33       13.81504  (21010109)
        260023.80   4028289.74       15.96170  (21010109)                260046.81
4028289.14       17.27582  (21010109)
        260069.82   4028288.54       17.62294  (21010109)                260092.83
4028287.95       16.91950  (21010109)
        260115.84   4028287.35       17.56253  (18122409)                260138.85
4028286.75       18.82888  (18122409)
        260161.86   4028286.16       18.82033  (18122409)                260184.87
4028285.56       17.97343  (18122409)
        259957.36   4028391.49       13.57423  (21010709)                259980.37
4028390.89       10.95953  (21010709)
        260003.38   4028390.30       12.69196  (21010109)                260026.39
4028389.70       14.51081  (21010109)
        260049.40   4028389.10       15.60004  (21010109)                260072.41
4028388.51       15.85041  (21010109)
        260095.42   4028387.91       15.12607  (21010109)                260118.43
4028387.31       15.01518  (18122409)
        260141.44   4028386.72       16.34695  (18122409)                260164.45
4028386.12       16.82708  (18122409)
        260187.46   4028385.52       16.32455  (18122409)                259985.55
4028590.83        9.56123  (21010109)
        260008.56   4028590.23       11.10488  (21010109)                260031.57
4028589.63       12.18490  (21010109)
        260054.58   4028589.04       12.65841  (21010109)                260077.59
4028588.44       12.44464  (21010109)
        260100.61   4028587.84       11.53637  (21010109)                260123.62
4028587.25       11.38262  (18122409)
        260146.63   4028586.65       12.64174  (18122409)                260169.64
4028586.05       13.34871  (18122409)
        260192.65   4028585.46       13.39918  (18122409)                259990.74
4028790.76        8.63705  (21010109)
        260013.75   4028790.16        9.68195  (21010109)                260036.76
4028789.57       10.32188  (21010109)
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        260105.79   4028787.78   9.25552 (21010109)   260128.80
4028787.18   8.78073 (18122409)
        260151.81   4028786.58   9.94058 (18122409)   260174.82
4028785.99   10.75005 (18122409)
        260197.83   4028785.39   11.10029 (18122409)   259995.92
4028990.69   7.77432 (21010109)
        260018.93   4028990.10   8.45467 (21010109)   260041.94
4028989.50   8.78913 (21010109)
        260064.95   4028988.90   8.75236 (21010109)   260087.96
4028988.31   8.32079 (21010109)
        260110.97   4028987.71   7.56114 (21010109)   260133.98
4028987.11   6.88355 (18122409)
        260157.00   4028986.52   7.90678 (18122409)   260180.01
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4029190.63   7.00440 (21010109)
        260024.11   4029190.03   7.43174 (21010109)   260047.13
4029189.43   7.57596 (21010109)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                 INCLUDING SOURCE(S):   PHASE4   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        260070.14   4029188.84   7.42419 (21010109)   260093.15
4029188.24   7.36772 (21010109)
        260116.16   4029187.64   6.58697 (21010109)   260139.17
4029187.05   5.99856 (21122809)
        260162.18   4029186.45   6.56449 (18122409)   260185.19
4029185.85   7.46810 (18122409)
        260208.20   4029185.26   7.66127 (18122409)   260190.44
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        260195.46   4027670.19   97.24473 (20121609)   260214.10

4027700.10 95.04250 (20121609)
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4027710.13 55.48077 (20121609)
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4027766.11 63.63742 (20121609)
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4027811.93 60.68447 (22122009)
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4027743.14 49.52861 (20121609)
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4027848.71 53.78944 (22122009)
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260370.04 4027682.30 38.15215 (20121609) 260411.77
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260238.55 4027960.05 26.78036 (20010609) 260207.82

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        260469.80   4027689.22       19.63590  (20121609)                260561.16
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        260517.96   4027821.00       33.50284  (20121609)                260503.57
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        260489.17   4027882.47       39.58807  (20121609)                260474.77
4027913.20       34.49958  (20121609)
        260460.37   4027943.93       37.27253  (20010809)                260430.31
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        260398.98   4027994.25       37.40539  (22122009)                260367.65
4028007.30       31.08044  (22122009)
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4028059.52       24.98315  (20010609)
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4027696.14       13.20960  (22121609)
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🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 694
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE4   ***
                                  INCLUDING SOURCE(S):     PHASE4      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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        260602.55   4027860.30       27.30221  (20121609)                260587.98
4027891.40       32.05347  (20121609)
        260573.41   4027922.50       34.35301  (20121609)                260558.84
4027953.60       32.24167  (20121609)
        260544.27   4027984.69       30.14021  (20010809)                260529.70
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4028119.54       20.35946  (18123109)
        260309.08   4028132.75       15.71247  (18123109)                260277.38
4028145.96       20.31163  (20010609)
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4028172.38       20.81951  (20010609)
        260669.32   4027703.06       10.51901  (22121609)                260760.54
4027742.95        8.41348  (18121109)
        260745.85   4027774.30        7.32427  (18121109)                260731.16
4027805.65        6.76398  (20121609)
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4027868.34       17.00335  (20121609)
        260687.10   4027899.69       22.31828  (20121609)                260672.42
4027931.03       26.79579  (20121609)
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4027993.73       29.24219  (20121609)
        260628.35   4028025.07       25.53628  (20121609)                260613.67
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        260408.55   4028192.35       19.79288  (18123109)                260376.59
4028205.67       16.61857  (18123109)
        260344.64   4028218.98       12.11483  (18123109)                260312.69
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        260216.83   4028272.24       16.77696  (20010609)                260769.08
4027709.98        8.76435  (22121609)
        260860.50   4027749.44        8.30639  (18121109)                260846.22
4027779.91        7.71764  (18121109)
        260831.94   4027810.39        6.15673  (18121109)                260817.67
4027840.87        4.71452  (20121609)
        260803.39   4027871.34        8.27181  (20121609)                260789.11
4027901.82       12.66499  (20121609)
        260774.83   4027932.29       17.40335  (20121609)                260760.55
4027962.77       21.79364  (20121609)
        260746.27   4027993.25       25.17597  (20121609)                260731.99
4028023.72       26.61160  (20121609)
        260717.71   4028054.20       25.44340  (20121609)                260703.43
4028084.67       21.70229  (20121609)
        260689.15   4028115.15       22.79658  (20010809)                260674.87
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        260544.72   4028236.65       18.03152  (22122009)                260513.66
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        260482.59   4028262.54       18.54902  (18123109)                260451.53
4028275.49       17.32295  (18123109)
        260420.46   4028288.43       14.42961  (18123109)                260389.39
4028301.38       10.59712  (18123109)
        260358.33   4028314.32       12.13291  (20010609)                260327.26
4028327.27       15.57230  (20010609)
        260296.20   4028340.22       17.13615  (20010609)                260265.13
4028353.16       16.65795  (20010609)
        260234.06   4028366.11       14.55648  (20010609)                260868.84
4027716.90        8.07085  (18121109)
        261059.92   4027763.51        7.79504  (18121109)                261045.42
4027794.44        7.72373  (18121109)
        261030.93   4027825.37        6.94947  (18121109)                261016.43
4027856.31        5.34895  (18121109)
        261001.94   4027887.24        4.17300  (22011309)                260987.45
4027918.18        3.97222  (22011309)
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE4   ***
                                  INCLUDING SOURCE(S):     PHASE4      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        260972.95   4027949.11        5.01385  (20121609)                260958.46
4027980.05        8.04582  (20121609)
        260943.97   4028010.98       11.63973  (20121609)                260929.47
4028041.92       15.37783  (20121609)
        260914.98   4028072.85       18.64792  (20121609)                260900.48
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4028103.78       20.79761  (20121609)
        260885.99   4028134.72       21.35346  (20121609)                260871.50
4028165.65       20.06631  (20121609)
        260857.00   4028196.59       17.09434  (20121609)                260842.51
4028227.52       16.12526  (20010809)
        260828.02   4028258.46       18.92232  (20010809)                260813.52
4028289.39       20.52095  (20010809)
        260799.03   4028320.33       20.58855  (20010809)                260776.01
4028342.36       20.77221  (22122009)
        260744.48   4028355.50       20.70789  (22122009)                260712.95
4028368.64       18.90083  (22122009)
        260681.41   4028381.78       15.70861  (22122009)                260649.88
4028394.92       11.83792  (18123109)
        260618.35   4028408.06       14.08007  (18123109)                260586.81
4028421.20       15.04378  (18123109)
        260555.28   4028434.34       14.46935  (18123109)                260523.75
4028447.49       12.51936  (18123109)
        260492.21   4028460.63        9.70436  (18123109)                260460.68
4028473.77        7.72055  (22011009)
        260429.15   4028486.91        7.98953  (20010609)                260397.62
4028500.05       10.93624  (20010609)
        260366.08   4028513.19       13.15837  (20010609)                260334.55
4028526.33       13.93332  (20010609)
        260303.02   4028539.47       13.19067  (20010609)                260271.48
4028552.61       11.24566  (20010609)
        260239.95   4028565.75       11.47640  (18122409)                261068.36
4027730.74        7.17864  (18121109)
        261259.37   4027777.49        7.09144  (18121109)                261244.73
4027808.73        7.49615  (18121109)
        261230.10   4027839.96        7.20075  (18121109)                261215.46
4027871.19        6.22038  (18121109)
        261200.83   4027902.43        4.69084  (18121109)                261186.20
4027933.66        3.94493  (22011309)
        261171.56   4027964.89        3.89715  (22011309)                261156.93
4027996.13        3.46045  (22011309)
        261142.30   4028027.36        3.21488  (20121609)                261127.66
4028058.59        5.28217  (20121609)
        261113.03   4028089.83        7.91511  (20121609)                261098.39
4028121.06       10.88667  (20121609)
        261083.76   4028152.29       13.81348  (20121609)                261069.13
4028183.53       16.23067  (20121609)
        261054.49   4028214.76       17.66495  (20121609)                261039.86
4028245.99       17.71599  (20121609)
        261025.23   4028277.23       16.45630  (20121609)                261010.59
4028308.46       13.98078  (20121609)
        260995.96   4028339.69       11.46854  (20010809)                260981.32
4028370.93       14.13830  (20010809)
        260966.69   4028402.16       16.15408  (20010809)                260952.06
4028433.39       17.17795  (20010809)
        260937.42   4028464.63       17.00092  (20010809)                260914.19
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4028486.88       17.14551  (22122009)
        260882.35   4028500.15       17.29172  (22122009)                260850.51
4028513.41       16.16052  (22122009)
        260818.67   4028526.68       13.91287  (22122009)                260786.83
4028539.95       11.01551  (22122009)
        260755.00   4028553.21        9.61984  (18123109)                260723.16
4028566.48       11.50215  (18123109)
        260691.32   4028579.75       12.48714  (18123109)                260659.48
4028593.02       12.29559  (18123109)
        260627.64   4028606.28       11.04561  (18123109)                260595.81
4028619.55        8.98536  (18123109)
        260563.97   4028632.82        6.56932  (18123109)                260532.13
4028646.08        6.41967  (22011009)
        260500.29   4028659.35        6.48236  (22011009)                260468.46
4028672.62        7.81355  (20010609)
        260436.62   4028685.89        9.97369  (20010609)                260404.78
4028699.15       11.33457  (20010609)
        260372.94   4028712.42       11.58253  (20010609)                260341.10
4028725.69       10.69930  (20010609)
        260309.27   4028738.96        8.95008  (20010609)                260277.43
4028752.22        8.64041  (18122409)
        260245.59   4028765.49       10.30731  (18122409)                261267.88
4027744.58        6.24964  (18121109)
        261458.97   4027791.15        6.37135  (18121109)                261444.51
4027822.03        6.92515  (18121109)
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                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE4   ***
                                  INCLUDING SOURCE(S):     PHASE4      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
        261430.04   4027852.90        7.04242  (18121109)                261415.58
4027883.77        6.62135  (18121109)
        261401.11   4027914.64        5.68352  (18121109)                261386.65
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4027945.51        4.40118  (18121109)
        261372.18   4027976.39        3.72306  (22011309)                261357.72
4028007.26        3.79569  (22011309)
        261343.26   4028038.13        3.56011  (22011309)                261328.79
4028069.00        3.01264  (22011309)
        261314.33   4028099.87        2.28399  (22011309)                261299.86
4028130.74        3.24371  (20121609)
        261285.40   4028161.62        5.01297  (20121609)                261270.93
4028192.49        7.15817  (20121609)
        261256.47   4028223.36        9.55375  (20121609)                261242.00
4028254.23       11.88497  (20121609)
        261227.54   4028285.10       13.77061  (20121609)                261213.07
4028315.98       14.93457  (20121609)
        261198.61   4028346.85       15.14856  (20121609)                261184.15
4028377.72       14.30621  (20121609)
        261169.68   4028408.59       12.55377  (20121609)                261155.22
4028439.46       10.24065  (20121609)
        261140.75   4028470.34        9.56680  (20010809)                261126.29
4028501.21       11.69607  (20010809)
        261111.82   4028532.08       13.41082  (20010809)                261097.36
4028562.95       14.41061  (20010809)
        261082.89   4028593.82       14.53644  (20010809)                261052.69
4028631.25       14.45310  (22122009)
        261021.23   4028644.37       14.72979  (22122009)                260989.76
4028657.48       14.06835  (22122009)
        260958.29   4028670.59       12.55966  (22122009)                260926.82
4028683.71       10.43953  (22122009)
        260895.35   4028696.82        8.05661  (22122009)                260863.88
4028709.94        7.77103  (18123109)
        260832.41   4028723.05        9.38141  (18123109)                260800.94
4028736.16       10.42999  (18123109)
        260769.47   4028749.28       10.67720  (18123109)                260738.00
4028762.39       10.05117  (18123109)
        260706.53   4028775.50        8.67943  (18123109)                260675.06
4028788.62        6.86533  (18123109)
        260643.59   4028801.73        4.96560  (18123109)                260612.12
4028814.85        5.35372  (22011009)
        260580.65   4028827.96        5.58473  (22011009)                260549.18
4028841.07        5.29502  (22011009)
        260517.71   4028854.19        6.91530  (20010609)                260486.24
4028867.30        8.55843  (20010609)
        260454.77   4028880.41        9.61457  (20010609)                260423.30
4028893.53        9.85358  (20010609)
        260391.83   4028906.64        9.24546  (20010609)                260360.37
4028919.75        7.95488  (20010609)
        260328.90   4028932.87        6.26999  (20010609)                260297.43
4028945.98        7.55950  (18122409)
        260265.96   4028959.10        8.81155  (18122409)                260234.49
4028972.21        9.40055  (18122409)
        261467.40   4027758.42        5.37919  (18121109)                261658.44
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4027805.11   5.49731 (18121109)
        261643.87   4027836.20   6.37257 (18121109)   261629.30
4027867.30   6.87420 (18121109)
        261614.73   4027898.40   6.83130 (18121109)   261600.16
4027929.50   6.25443 (18121109)
        261585.59   4027960.60   5.23598 (18121109)   261571.02
4027991.69   3.90204 (18121109)
        261556.45   4028022.79   3.43649 (22011309)   261541.88
4028053.89   3.60872 (22011309)
        261527.30   4028084.99   3.50016 (22011309)   261512.73
4028116.09   3.10911 (22011309)
        261498.16   4028147.19   2.50056 (22011309)   261483.59
4028178.28   1.85151 (20112009)
        261469.02   4028209.38   2.25285 (20121609)   261454.45
4028240.48   3.52788 (20121609)
        261439.88   4028271.58   5.15007 (20121609)   261425.31
4028302.68   7.04389 (20121609)
        261410.74   4028333.77   9.02200 (20121609)   261396.17
4028364.87   10.84516 (20121609)
        261381.60   4028395.97   12.27175 (20121609)   261367.03
4028427.07   13.04439 (20121609)
        261352.46   4028458.17   13.02226 (20121609)   261337.89
4028489.27   12.18750 (20121609)
        261323.32   4028520.36   10.70315 (20121609)   261308.75
4028551.46   8.81214 (20121609)
        261294.18   4028582.56   7.02596 (20010809)   261279.61
4028613.66   8.84703 (20010809)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PHASE4   ***
                                 INCLUDING SOURCE(S):   PHASE4   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
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- -
        261265.04   4028644.76   10.51450 (20010809)   261250.47

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4028675.85       11.80078  (20010809)
        261235.90   4028706.95       12.49581  (20010809)                261221.32
4028738.05       12.52174  (20010809)
        261190.90   4028775.75       12.37492  (22122009)                261159.20
4028788.96       12.71280  (22122009)
        261127.50   4028802.17       12.32123  (22122009)                261095.80
4028815.38       11.25088  (22122009)
        261064.10   4028828.59        9.63943  (22122009)                261032.40
4028841.80        7.73606  (22122009)
        261000.70   4028855.01        5.81329  (22122009)                260969.00
4028868.22        6.58166  (18123109)
        260937.30   4028881.43        7.91785  (18123109)                260905.60
4028894.64        8.86897  (18123109)
        260873.90   4028907.85        9.23375  (18123109)                260842.20
4028921.06        8.90823  (18123109)
        260810.50   4028934.27        7.94015  (18123109)                260778.80
4028947.48        6.54143  (18123109)
        260747.10   4028960.69        4.97820  (18123109)                260715.40
4028973.90        4.03954  (22011009)
        260683.70   4028987.11        4.61820  (22011009)                260652.00
4029000.32        4.82703  (22011009)
        260620.30   4029013.53        4.62129  (22011009)                260588.60
4029026.74        5.14289  (20010609)
        260556.90   4029039.95        6.61713  (20010609)                260525.20
4029053.16        7.79877  (20010609)
        260493.50   4029066.37        8.45153  (20010609)                260461.80
4029079.58        8.43071  (20010609)
        260430.10   4029092.79        7.76284  (20010609)                260398.40
4029106.00        6.60488  (20010609)
        260366.70   4029119.21        5.18676  (20010609)                260335.00
4029132.42        5.97661  (18122409)
        260303.30   4029145.63        7.16581  (18122409)                260271.60
4029158.84        7.92133  (18122409)
        260239.90   4029172.05        8.10009  (18122409)                261666.92
4027772.26        4.41185  (18121109)
        260195.10   4027643.19       88.88222  (20121609)                260194.68
4027618.34       80.36726  (20121609)
        260194.26   4027593.49       74.16922  (20121609)                260193.84
4027568.64       72.94956  (22121609)
        260193.42   4027543.79       70.90219  (22121609)                260193.01
4027518.94       74.09826  (19121116)
        260192.59   4027494.09       84.61244  (19121116)                260192.17
4027469.24       93.98546  (19121116)
        260191.75   4027444.39      101.54602  (19121116)                260191.33
4027419.55      107.18273  (19121116)
        260190.91   4027394.70      106.64958  (19121116)                260190.50
4027369.85       94.32474  (19121116)
        260190.08   4027345.00       78.35363  (19121116)                260189.66
4027320.15       63.62154  (19121116)
        260189.24   4027295.30       48.83365  (19121116)                260188.82
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4027270.45       40.97425  (19120316)
        260188.40   4027245.60       37.50626  (19120316)                260187.99
4027220.75       34.26149  (19120316)
        260187.57   4027195.90       30.79312  (19120316)                260187.15
4027171.05       30.07569  (20122409)
        260186.73   4027146.20       29.76004  (20122409)                260186.31
4027121.35       29.50316  (20122409)
        260185.89   4027096.50       28.81037  (20122409)                260185.48
4027071.65       27.95246  (20122409)
        260185.06   4027046.81       27.02847  (20122409)                260184.64
4027021.96       26.07330  (20122409)
        260184.22   4026997.11       25.20038  (20122409)                260183.80
4026972.26       24.30809  (20122409)
        260183.38   4026947.41       23.32862  (20122409)                260182.96
4026922.56       22.35901  (20122409)
        260220.09   4027642.77       76.04557  (20121609)                260219.68
4027617.92       69.61842  (20121609)
        260219.26   4027593.07       67.69070  (22121609)                260218.84
4027568.22       68.74031  (22121609)
        260218.42   4027543.37       61.27894  (22121609)                260218.00
4027518.52       53.00027  (22121609)
        260217.58   4027493.67       58.81129  (19121116)                260217.17
4027468.82       71.05552  (19121116)
        260216.75   4027443.97       79.51483  (19121116)                260216.33
4027419.12       87.14141  (19121116)
        260215.91   4027394.28       89.23573  (19121116)                260215.49
4027369.43       88.01482  (19121116)
        260215.07   4027344.58       84.21522  (19121116)                260214.66
4027319.73       76.63181  (19121116)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 698
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE4   ***
                                  INCLUDING SOURCE(S):     PHASE4      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
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4027592.23       57.85219  (22121609)
        260268.83   4027567.38       53.73665  (22121609)                260268.41
4027542.53       49.43776  (22121609)
        260268.00   4027517.68       44.79035  (22121609)                260267.58
4027492.83       40.59097  (22121609)
        260267.16   4027467.98       39.46130  (21122009)                260266.74
4027443.13       41.27423  (22010709)
        260266.32   4027418.28       45.02398  (19121116)                260265.90
4027393.43       51.88709  (19121116)
        260265.49   4027368.58       58.43514  (19121116)                260265.07
4027343.73       63.03720  (19121116)
        260264.65   4027318.89       66.27616  (19121116)                260264.23
4027294.04       66.99662  (19121116)
        260263.81   4027269.19       63.65614  (19121116)                260263.39
4027244.34       58.36237  (19121116)
        260262.97   4027219.49       50.13794  (19121116)                260262.56
4027194.64       40.30442  (19121116)
        260262.14   4027169.79       31.97893  (19120316)                260261.72
4027144.94       31.52748  (19120316)
        260261.30   4027120.09       30.57137  (19120316)                260260.88
4027095.24       29.16737  (19120316)
        260260.46   4027070.39       27.39340  (19120316)                260320.08
4027641.09       46.75502  (22121609)
        260319.66   4027616.24       49.11530  (22121609)                260319.24
4027591.39       49.55924  (22121609)
        260318.83   4027566.54       47.96159  (22121609)                260318.41
4027541.69       44.29006  (22121609)
        260317.99   4027516.84       39.27990  (22121609)                260317.57
4027491.99       34.63955  (22121609)
        260317.15   4027467.14       30.21565  (22121609)                260316.73
4027442.29       30.88308  (21122009)
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 699
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE4   ***
                                 INCLUDING SOURCE(S):     PHASE4      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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4027614.55       38.35003  (22121609)
        260419.23   4027589.70       38.53493  (22121609)                260418.81
4027564.85       37.52577  (22121609)
        260418.39   4027540.00       35.35415  (22121609)                260417.97
4027515.16       32.01215  (22121609)
        260417.56   4027490.31       27.80539  (22121609)                260417.14
4027465.46       22.58064  (22121609)
        260416.72   4027440.61       20.50460  (18011209)                260416.30
4027415.76       19.93127  (18011209)
        260415.88   4027390.91       21.09254  (21122009)                260415.46
4027366.06       23.66304  (21122009)
        260415.05   4027341.21       25.60486  (21122009)                260414.63
4027316.36       27.15035  (21122009)
        260414.21   4027291.51       26.88552  (21122009)                260413.79
4027266.66       28.61509  (22010709)
        260413.37   4027241.81       30.77965  (22010709)                260412.95
4027216.96       32.01893  (22010709)
        260412.54   4027192.11       34.60239  (19121116)                260412.12
4027167.26       39.30725  (19121116)
        260411.70   4027142.41       42.43610  (19121116)                260411.28
4027117.57       43.28825  (19121116)
        260410.86   4027092.72       42.34721  (19121116)                260410.44
4027067.87       39.75327  (19121116)
        260410.02   4027043.02       35.87788  (19121116)                260409.61
4027018.17       31.45026  (19121116)
        260409.19   4026993.32       27.20918  (19121116)                260408.77
4026968.47       22.77218  (19121116)
        260408.35   4026943.62       18.35052  (19121116)                260407.93
4026918.77       14.48001  (19120316)
        260407.51   4026893.92       15.46694  (19120316)                260470.48
4027663.41       25.80349  (22121609)
        260470.06   4027638.56       31.41072  (22121609)                260469.64
4027613.71       34.42178  (22121609)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 700
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE4   ***
                                 INCLUDING SOURCE(S):     PHASE4      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **
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      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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4027090.19       24.18886  (22010709)
        260560.42   4027065.34       24.54827  (22010709)                260560.00
4027040.49       23.89578  (22010709)
        260559.59   4027015.64       24.11726  (19121116)                260559.17
4026990.79       26.60688  (19121116)
        260558.75   4026965.94       28.45275  (19121116)                260558.33
4026941.09       29.52993  (19121116)
        260557.91   4026916.25       29.67755  (19121116)                260557.49
4026891.40       29.14299  (19121116)
        260670.45   4027660.04       19.11844  (22121609)                260670.03
4027635.19       22.87776  (22121609)
        260669.61   4027610.34       25.16383  (22121609)                260669.19
4027585.49       25.91907  (22121609)
        260668.78   4027560.65       25.37656  (22121609)                260668.36
4027535.80       23.84128  (22121609)
        260667.94   4027510.95       21.47325  (22121609)                260667.52
4027486.10       18.30627  (22121609)
        260667.10   4027461.25       14.53468  (22121609)                260666.68
4027436.40       11.86405  (22122809)
        260666.27   4027411.55       12.91172  (18011209)                260665.85
4027386.70       13.62638  (18011209)
        260665.43   4027361.85       13.77514  (18011209)                260665.01
4027337.00       13.34309  (18011209)
        260664.59   4027312.15       12.26450  (18011209)                260664.17
4027287.30       10.46865  (18011209)
        260663.75   4027262.45        8.43095  (21122009)                260663.34
4027237.60       10.90039  (21122009)
        260662.92   4027212.75       13.21575  (21122009)                260662.50
4027187.90       15.18704  (21122009)
        260662.08   4027163.06       16.66631  (21122009)                260661.66
4027138.21       17.49631  (21122009)
        260661.24   4027113.36       17.51906  (21122009)                260660.83
4027088.51       16.70232  (21122009)
        260660.41   4027063.66       15.63466  (22122309)                260769.98
4027675.57       14.25019  (22121609)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 701
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE4   ***
                                  INCLUDING SOURCE(S):     PHASE4      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
260770.02	4027633.51	19.97027	(22121609)	260769.60	4027608.66	21.83854	(22121609)
260769.18	4027583.81	22.46483	(22121609)	260768.76	4027558.96	22.18322	(22121609)
260768.34	4027534.11	20.92550	(22121609)	260767.92	4027509.26	18.78781	(22121609)
260767.51	4027484.41	15.99293	(22121609)	260767.09	4027459.56	12.71736	(22121609)
260766.67	4027434.72	10.53323	(22122809)	260766.25	4027409.87	10.39570	(22122809)
260765.83	4027385.02	10.98507	(18011209)	260765.41	4027360.17	11.83150	(18011209)
260765.00	4027335.32	12.12992	(18011209)	260764.58	4027310.47	11.89240	(18011209)
260764.16	4027285.62	11.08544	(18011209)	260763.74	4027260.77	9.68311	(18011209)
260763.32	4027235.92	7.90437	(22120209)	260762.90	4027211.07	7.24718	(22120209)
260762.49	4027186.22	7.80037	(21122009)	260762.07	4027161.37	9.82399	(21122009)
260761.65	4027136.52	11.69999	(21122009)	260761.23	4027111.67	13.30489	(21122009)
260760.81	4027086.82	14.54592	(21122009)	260760.39	4027061.97	15.14729	(21122009)
260759.98	4027037.13	15.06215	(21122009)	260759.56	4027012.28	14.27940	(21122009)
260759.14	4026987.43	12.87478	(21122009)	260758.72	4026962.58	13.73908	(22122309)
260758.30	4026937.73	15.01937	(22010709)	260757.88	4026912.88	16.24126	(22010709)
260757.46	4026888.03	16.97844	(22010709)	260869.89	4027676.75	12.77998	(22121609)
260870.00	4027631.83	17.91436	(22121609)	260869.58	4027606.98	19.53394	(22121609)
260869.17	4027582.13	20.09946	(22121609)	260868.75	4027557.28	19.73960	(22121609)
260868.33	4027532.43	18.57170	(22121609)	260867.91	4027507.58	16.65053	(22121609)
260867.49	4027482.73	14.15584	(22121609)	260867.07	4027457.88	11.31539	(22121609)
260866.66	4027433.03	9.16481	(22122809)	260866.24	4027408.18	9.40066	(22122809)
260865.82	4027383.33	9.18913	(22122809)	260865.40			

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4027358.48        9.38149  (18011209)
        260864.98   4027333.63       10.29462  (18011209)                260864.56
4027308.78       10.72824  (18011209)
        260864.14   4027283.94       10.66177  (18011209)                260863.73
4027259.09       10.06551  (18011209)
        260863.31   4027234.24        8.97899  (18011209)                260862.89
4027209.39        7.66651  (22120209)
        260862.47   4027184.54        7.27091  (22120209)                260862.05
4027159.69        6.64759  (22120209)
        260861.63   4027134.84        5.85695  (22120209)                260861.22
4027109.99        7.29914  (21122009)
        260860.80   4027085.14        9.02667  (21122009)                260860.38
4027060.29       10.60369  (21122009)
        261069.89   4027672.67       11.12837  (22121609)                261069.97
4027628.46       14.67343  (22121609)
        261069.56   4027603.61       15.84149  (22121609)                261069.14
4027578.76       16.27538  (22121609)
        261068.72   4027553.91       15.97961  (22121609)                261068.30
4027529.06       14.96444  (22121609)
        261067.88   4027504.21       13.46284  (22121609)                261067.46
4027479.36       11.54179  (22121609)
        261067.05   4027454.51        9.37690  (22121609)                261066.63
4027429.66        7.17236  (22121609)
        261066.21   4027404.82        7.18591  (22122809)                261065.79
4027379.97        7.60535  (22122809)
        261065.37   4027355.12        7.64890  (22122809)                261064.95
4027330.27        7.34349  (22122809)
        261064.54   4027305.42        7.01408  (18011209)                261064.12
4027280.57        7.84508  (18011209)
        261063.70   4027255.72        8.36766  (18011209)                261063.28
4027230.87        8.66633  (18011209)
        261062.86   4027206.02        8.54259  (18011209)                261062.44
4027181.17        7.93866  (18011209)
        261062.02   4027156.32        7.05475  (22120209)                261061.61
4027131.47        6.96938  (22120209)
        261061.19   4027106.62        6.56983  (22120209)                261060.77
4027081.77        6.23107  (22120209)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 702
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE4   ***
                                  INCLUDING SOURCE(S):     PHASE4      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
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***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
261060.35	4027056.92	5.74331	(22120209)	261269.74	4027673.60	9.53441	(22121609)
261269.12	4027697.26	7.78732	(22121609)	261268.50	4027720.92	6.03900	(22121609)
261270.36	4027649.94	11.11650	(22121609)	261269.95	4027625.09	12.41782	(22121609)
261269.53	4027600.24	13.28861	(22121609)	261269.11	4027575.39	13.59790	(22121609)
261268.69	4027550.54	13.28709	(22121609)	261268.27	4027525.70	12.79173	(22121609)
261267.85	4027500.85	11.24484	(22121609)	261267.44	4027476.00	9.56720	(22121609)
261267.02	4027451.15	7.95658	(22121609)	261266.60	4027426.30	6.28934	(22121609)
261266.18	4027401.45	4.94299	(22122809)	261265.76	4027376.60	5.66083	(22122809)
261265.34	4027351.75	6.14806	(22122809)	261264.93	4027326.90	6.42464	(22122809)
261264.51	4027302.05	6.34020	(22122809)	261264.09	4027277.20	5.97742	(22122809)
261263.67	4027252.35	5.38700	(18011209)	261263.25	4027227.50	6.18960	(18011209)
261262.83	4027202.65	6.78612	(18011209)	261262.41	4027177.80	7.20711	(18011209)
261262.00	4027152.95	7.26732	(18011209)	261261.58	4027128.11	6.97880	(18011209)
261261.16	4027103.26	6.38317	(18011209)	261260.74	4027078.41	6.35806	(22120209)
261260.32	4027053.56	6.33400	(22120209)	261469.75	4027668.94	8.61844	(22121609)
261468.58	4027713.68	6.04826	(22121609)	261470.34	4027646.58	9.72796	(22121609)
261469.92	4027621.73	10.67831	(22121609)	261469.50	4027596.88	11.34549	(22121609)
261469.08	4027572.03	11.52438	(22121609)	261468.66	4027547.18	11.21353	(22121609)
261468.24	4027522.33	10.55417	(22121609)	261467.83	4027497.48	9.59029	(22121609)
261467.41	4027472.63	8.38116	(22121609)	261466.99	4027447.78	7.00897	(22121609)
261466.57	4027422.93	5.60931	(22121609)	261466.15			

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4027398.08        4.30172  (22121609)
        261465.73   4027373.23        3.91208  (22122809)                261465.32
4027348.38        4.58250  (22122809)
        261464.90   4027323.53        5.09801  (22122809)                261464.48
4027298.68        5.40864  (22122809)
        261464.06   4027273.83        5.48571  (22122809)                261463.64
4027248.99        5.32361  (22122809)
        261463.22   4027224.14        4.93841  (22122809)                261462.80
4027199.29        4.38132  (22122809)
        261462.39   4027174.44        4.99416  (18011209)                261461.97
4027149.59        5.60208  (18011209)
        261461.55   4027124.74        6.00669  (18011209)                261461.13
4027099.89        6.19215  (18011209)
        261460.71   4027075.04        6.13582  (18011209)                261460.29
4027050.19        5.81003  (18011209)
        261459.88   4027025.34        5.68036  (22120209)                261459.46
4027000.49        5.79996  (22120209)
        261459.04   4026975.64        5.84032  (22120209)                261458.62
4026950.79        5.72656  (22120209)
        261458.20   4026925.94        5.51455  (22120209)                261457.78
4026901.09        5.21405  (22120209)
        261457.37   4026876.25        4.81351  (22120209)                261669.74
4027664.72        7.83318  (22121609)
        261668.62   4027707.73        5.85441  (22121609)                261669.89
4027618.36        9.39571  (22121609)
        261669.47   4027593.51        9.84572  (22121609)                261669.05
4027568.66        9.95187  (22121609)
        261668.63   4027543.81        9.71101  (22121609)                261668.22
4027518.96        9.15834  (22121609)
        261667.80   4027494.11        8.33973  (22121609)                261667.38
4027469.26        7.33151  (22121609)
        261666.96   4027444.41        6.21648  (22121609)                261666.54
4027419.56        5.07940  (22121609)
        261666.12   4027394.71        3.99273  (22121609)                261665.71
4027369.87        3.21046  (21111709)
        261665.29   4027345.02        3.14554  (22122809)                261664.87
4027320.17        3.73027  (22122809)
        261664.45   4027295.32        4.22130  (22122809)                261664.03
4027270.47        4.56961  (22122809)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                PAGE 703
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  PHASE4   ***
                                INCLUDING SOURCE(S):     PHASE4      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
261663.61	4027245.62	4.74161	(22122809)	261663.19	4027220.77	4.72141	(22122809)
261662.78	4027195.92	4.51228	(22122809)	261662.36	4027171.07	4.13820	(22122809)
261661.94	4027146.22	3.63937	(22122809)	261661.52	4027121.37	4.03752	(18011209)
261661.10	4027096.52	4.61243	(18011209)	261660.68	4027071.67	5.05281	(18011209)
261660.27	4027046.82	5.31699	(18011209)	261659.85	4027021.97	5.37936	(18011209)
261659.43	4026997.12	5.23353	(18011209)	261659.01	4026972.28	5.02742	(22120209)
261658.59	4026947.43	5.23786	(22120209)	261658.17	4026922.58	5.37077	(22120209)
261657.76	4026897.73	5.38942	(22120209)	261657.34	4026872.88	5.33536	(22120209)
260288.10	4026826.13	11.50360	(19120316)	260294.23	4026848.07	13.76920	(19120316)
260300.37	4026870.01	16.06532	(19120316)	260348.08	4026861.01	19.16029	(19120316)
260374.46	4026775.74	16.97681	(19120316)	260380.66	4026797.90	17.84752	(19120316)
260386.85	4026820.06	18.23491	(19120316)	260393.05	4026842.22	18.04886	(19120316)
260399.25	4026864.38	17.29880	(19120316)	260420.80	4026761.83	16.35108	(19120316)
260504.00	4026700.14	10.68695	(19120316)	260510.29	4026722.64	9.41378	(19120316)
260516.59	4026745.14	10.73168	(19121116)	260522.88	4026767.64	13.75647	(19121116)
260529.17	4026790.14	17.09889	(19121116)	260535.47	4026812.64	20.60010	(19121116)
260541.76	4026835.14	24.01484	(19121116)	260548.05	4026857.65	26.80904	(19121116)
260590.35	4026649.71	10.78155	(19121116)	260596.64	4026672.21	13.41880	(19121116)
260602.94	4026694.71	16.20935	(19121116)	260609.23	4026717.21	18.88696	(19121116)
260615.52	4026739.71	21.25413	(19121116)	260626.01			

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4026777.21       24.03772  (19121116)
        260648.04   4026855.96       23.10812  (19121116)                260676.70
4026599.27       15.16895  (19121116)
        260682.99   4026621.77       17.30093  (19121116)                260689.29
4026644.27       19.14520  (19121116)
        260695.58   4026666.77       20.60237  (19121116)                260701.87
4026689.27       21.58860  (19121116)
        260708.17   4026711.78       21.82517  (19121116)                260714.46
4026734.28       21.35418  (19121116)
        260720.75   4026756.78       20.23895  (19121116)                260727.05
4026779.28       18.60176  (19121116)
        260733.34   4026801.78       16.43523  (19121116)                260739.63
4026824.28       15.75296  (22010709)
        260745.93   4026846.78       16.83913  (22010709)                260763.05
4026548.84       17.29940  (19121116)
        260769.34   4026571.34       18.47750  (19121116)                260775.64
4026593.84       19.12649  (19121116)
        260781.93   4026616.34       19.24360  (19121116)                260788.22
4026638.84       18.80721  (19121116)
        260794.52   4026661.34       17.80492  (19121116)                260800.81
4026683.84       16.28925  (19121116)
        260807.10   4026706.34       14.48518  (19121116)                260813.40
4026728.84       13.07609  (22010709)
        260825.98   4026773.84       15.07899  (22010709)                260846.96
4026848.84       13.14856  (22010709)
        260935.75   4026447.97       14.85888  (19121116)                260942.04
4026470.47       14.16166  (19121116)
        260948.34   4026492.97       13.13139  (19121116)                260954.63
4026515.47       11.85521  (19121116)
        260960.92   4026537.97       10.43749  (19121116)                260967.22
4026560.47       10.57011  (22010709)
        260973.51   4026582.97       11.50734  (22010709)                260979.80
4026605.47       12.07247  (22010709)
        260986.10   4026627.97       12.28818  (22010709)                260992.39
4026650.47       12.09566  (22010709)
        260998.68   4026672.97       11.56548  (22010709)                261004.98
4026695.47       10.72732  (22122309)
        261011.27   4026717.98        9.87310  (22122309)                261019.66
4026747.98        8.32836  (22122309)
        261108.46   4026347.13        8.79767  (19121116)                261114.80
4026369.78        7.77878  (22010709)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 704
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
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VALUES FOR SOURCE GROUP: PHASE4   ***
                                INCLUDING SOURCE(S):   PHASE4   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        261121.13   4026392.44   8.70717 (22010709)   261127.47
4026415.10   9.47119 (22010709)
        261133.81   4026437.76   10.00600 (22010709)   261140.15
4026460.42   10.26832 (22010709)
        261146.48   4026483.08   10.23494 (22010709)   261152.82
4026505.74   9.90530 (22010709)
        261159.16   4026528.40   9.29966 (22010709)   261165.50
4026551.06   8.71722 (22122309)
        261171.84   4026573.72   7.96109 (22122309)   261178.17
4026596.37   6.99310 (22122309)
        261184.51   4026619.03   6.18813 (21122009)   261190.85
4026641.69   7.13058 (21122009)
        261197.19   4026664.35   7.92482 (21122009)   261203.52
4026687.01   8.49750 (21122009)
        261209.86   4026709.67   8.77882 (21122009)   261219.37
4026743.66   8.54645 (21122009)
        261281.16   4026246.25   7.91899 (22010709)   261287.49
4026268.89   8.35545 (22010709)
        261293.82   4026291.52   8.58972 (22010709)   261300.15
4026314.16   8.59275 (22010709)
        261306.48   4026336.79   8.41987 (22010709)   261312.81
4026359.42   8.09603 (22010709)
        261319.14   4026382.06   7.67796 (22122309)   261325.47
4026404.69   7.22933 (22122309)
        261331.80   4026427.33   6.60611 (22122309)   261338.13
4026449.96   5.86979 (22122309)
        261344.47   4026472.60   5.36448 (18011109)   261350.80
4026495.23   5.56571 (21122009)
        261357.13   4026517.87   6.32896 (21122009)   261363.46
4026540.50   6.95444 (21122009)
        261369.79   4026563.14   7.36573 (21122009)   261376.12
4026585.77   7.53258 (21122009)
        261382.45   4026608.40   7.43971 (21122009)   261388.78
4026631.04   7.10949 (21122009)
        261395.11   4026653.67   6.58073 (21122009)   261401.44
4026676.31   5.87728 (21122009)
        261407.77   4026698.94   5.05790 (21122009)   261414.10

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4026721.58        4.20323  (21122009)
        261420.44   4026744.21        3.36684  (21122009)                261426.77
4026766.85        2.60472  (22120209)
        261433.10   4026789.48        3.04855  (22120209)                261439.43
4026812.11        3.51416  (22120209)
        261445.76   4026834.75        3.98073  (22120209)                261453.86
4026145.38        7.52900  (22010709)
        261460.18   4026168.00        7.46909  (22010709)                261466.51
4026190.61        7.24210  (22010709)
        261472.83   4026213.23        6.86488  (22010709)                261479.16
4026235.85        6.56774  (22122309)
        261485.49   4026258.46        6.15071  (22122309)                261491.81
4026281.08        5.61976  (22122309)
        261498.14   4026303.70        5.00777  (22122309)                261504.46
4026326.31        4.71106  (18011109)
        261510.79   4026348.93        4.44567  (18011109)                261517.11
4026371.55        5.04090  (21122009)
        261523.44   4026394.16        5.62067  (21122009)                261529.77
4026416.78        6.06982  (21122009)
        261536.09   4026439.39        6.34663  (21122009)                261542.42
4026462.01        6.45077  (21122009)
        261548.74   4026484.63        6.39899  (21122009)                261555.07
4026507.24        6.18381  (21122009)
        261561.40   4026529.86        5.77024  (21122009)                261567.72
4026552.48        5.20959  (21122009)
        261574.05   4026575.09        4.55613  (21122009)                261580.37
4026597.71        3.86823  (21122009)
        261586.70   4026620.33        3.17854  (21122009)                261593.02
4026642.94        2.52349  (21122009)
        261599.35   4026665.56        2.21670  (22120209)                261605.68
4026688.18        2.61696  (22120209)
        261612.00   4026710.79        3.01840  (22120209)                261618.33
4026733.41        3.44966  (22120209)
        261624.65   4026756.03        3.88882  (22120209)                261630.98
4026778.64        4.27991  (22120209)
        261637.31   4026801.26        4.63061  (22120209)                261643.63
4026823.88        4.93783  (22120209)
        261649.96   4026846.49        5.16907  (22120209)                260178.22
4026852.86       19.75973  (20122409)
        260186.13   4026829.14       19.12279  (20120409)                260206.65
4026845.81       19.59909  (20122409)
        260187.19   4026799.87       18.17439  (20122409)                260223.53
4026769.10       17.42653  (20122409)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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                                  PAGE 705
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE4 ***
INCLUDING SOURCE(S): PHASE4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
260244.05	4026785.76	16.38113	(20122409)	260264.57	4026802.43	14.30006	(20122409)
260226.11	4026710.93	16.36610	(20122409)	260248.00	4026728.70	15.58860	(20122409)
260299.44	4026710.19	10.73863	(20122409)	260321.04	4026727.73	9.79950	(19120316)
260342.64	4026745.27	13.11862	(19120316)	260257.58	4026615.93	14.12423	(20122409)
260278.99	4026633.32	12.93664	(20122409)	260300.41	4026650.70	11.03409	(20122409)
260321.82	4026668.09	8.73173	(20122409)	260343.24	4026685.48	9.96900	(19120316)
260333.14	4026556.74	8.59468	(20122409)	260355.03	4026574.51	6.55490	(20122409)
260376.92	4026592.29	8.75349	(19120316)	260398.81	4026610.06	11.30446	(19120316)
260420.70	4026627.83	13.37903	(19120316)	260442.59	4026645.61	14.40279	(19120316)
260464.49	4026663.38	14.14592	(19120316)	260486.38	4026681.15	12.62445	(19120316)
260320.88	4026426.24	9.94306	(20122409)	260342.49	4026443.78	8.54883	(20122409)
260364.09	4026461.32	6.95072	(20122409)	260385.69	4026478.86	5.54585	(19120316)
260407.30	4026496.40	7.69117	(19120316)	260428.90	4026513.94	9.85230	(19120316)
260450.50	4026531.48	11.75784	(19120316)	260472.11	4026549.02	12.90186	(19120316)
260572.92	4026630.87	7.59810	(19121116)	260352.60	4026331.45	8.35888	(20122409)
260374.49	4026349.23	6.94439	(20122409)	260396.39	4026367.00	5.46344	(20122409)
260483.95	4026438.10	10.51468	(19120316)	260505.84	4026455.87	11.63331	(19120316)
260527.73	4026473.64	11.89574	(19120316)	260549.62			

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4026491.42       11.23892  (19120316)
        260571.51   4026509.19        9.80028  (19120316)                260593.40
4026526.96        7.84279  (19120316)
        260615.30   4026544.74        5.98725  (19121116)                260637.19
4026562.51        8.87296  (19121116)
        260659.08   4026580.28       12.16096  (19121116)                260384.16
4026236.53        6.91105  (20122409)
        260405.84   4026254.14        5.66099  (20122409)                260427.53
4026271.74        4.63771  (18020510)
        260449.21   4026289.35        4.54263  (18020510)                260470.90
4026306.95        6.11231  (19120316)
        260492.58   4026324.56        7.82253  (19120316)                260514.26
4026342.17        9.31708  (19120316)
        260535.95   4026359.77       10.42852  (19120316)                260557.63
4026377.38       10.88342  (19120316)
        260579.32   4026394.98       10.54590  (19120316)                260601.00
4026412.59        9.44383  (19120316)
        260622.69   4026430.19        7.86756  (19120316)                260644.37
4026447.80        6.07901  (19120316)
        260709.42   4026500.62       10.83151  (19121116)                260731.11
4026518.22       13.65472  (19121116)
        260447.42   4026046.81        4.86113  (20122409)                260469.15
4026064.45        4.35083  (18020510)
        260505.36   4026093.85        4.23563  (18020510)                260548.82
4026129.14        5.87240  (19120316)
        260570.55   4026146.78        7.17921  (19120316)                260592.28
4026164.42        8.30343  (19120316)
        260614.01   4026182.07        9.04014  (19120316)                260635.74
4026199.71        9.24078  (19120316)
        260657.47   4026217.35        8.85251  (19120316)                260679.20
4026235.00        7.96558  (19120316)
        260700.93   4026252.64        6.75678  (19120316)                260722.66
4026270.28        5.34330  (19120316)
        260744.39   4026287.92        3.94684  (19120316)                260766.12
4026305.57        4.69745  (19121116)
        260860.29   4026382.02       13.71306  (19121116)                260882.02
4026399.66       15.08009  (19121116)
        260903.75   4026417.30       15.63028  (19121116)                260510.67
4025857.08        4.03791  (18020510)
        260532.43   4025874.74        4.10544  (18020510)                260554.19
4025892.41        4.03893  (18020510)
        260575.95   4025910.08        3.78788  (18020510)                260699.25
4026010.19        7.90571  (19120316)
        260721.01   4026027.85        7.83966  (19120316)                260742.77
4026045.52        7.35608  (19120316)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PHASE4 ***

INCLUDING SOURCE(S): PHASE4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
260764.53	4026063.19	6.51152	(19120316)	260786.29	4026080.85	5.42174	(19120316)
260808.05	4026098.52	4.25280	(19120316)	260829.81	4026116.18	3.16400	(19120316)
260851.57	4026133.85	3.19635	(19121116)	260873.32	4026151.52	4.54498	(19121116)
260895.08	4026169.18	6.13354	(19121116)	260916.84	4026186.85	7.90783	(19121116)
261011.13	4026263.40	13.42076	(19121116)	261032.89	4026281.07	13.29766	(19121116)
261054.65	4026298.74	12.60622	(19121116)	261076.41	4026316.40	11.40023	(19121116)
260573.93	4025667.35	3.82359	(18020510)	260595.71	4025685.03	3.83756	(18020510)
260617.48	4025702.71	3.71001	(18020510)	260639.26	4025720.39	3.44083	(18020510)
260661.04	4025738.08	3.44730	(19120316)	260769.94	4025826.49	6.92513	(19120316)
260849.80	4025891.33	5.36142	(19120316)	260871.58	4025909.01	4.44128	(19120316)
260893.36	4025926.69	3.50290	(19120316)	260915.13	4025944.38	2.62562	(19120316)
260936.91	4025962.06	2.20566	(19121116)	260958.69	4025979.74	3.15001	(19121116)
260980.47	4025997.43	4.30223	(19121116)	261002.25	4026015.11	5.62865	(19121116)
261024.03	4026032.79	7.09888	(19121116)	261045.81	4026050.47	8.54159	(19121116)
261067.59	4026068.16	9.85236	(19121116)	261089.37	4026085.84	10.88885	(19121116)
261111.15	4026103.52	11.51940	(19121116)	261132.93	4026121.20	11.67486	(19121116)
261154.71	4026138.89	11.36232	(19121116)	261176.49			

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4026156.57       10.56467  (19121116)
        261198.26   4026174.25        9.44458  (19121116)                261220.04
4026191.94        8.10474  (19121116)
        261241.82   4026209.62        6.66382  (19121116)                261263.60
4026227.30        7.17796  (22010709)
        260637.18   4025477.61        3.54729  (18020510)                260658.97
4025495.31        3.44868  (18020510)
        260680.76   4025513.00        3.29575  (18020510)                260702.56
4025530.70        3.08777  (18020510)
        260724.35   4025548.39        2.94701  (19120316)                260746.15
4025566.09        3.69771  (19120316)
        260767.94   4025583.78        4.45455  (19120316)                260789.73
4025601.48        5.14293  (19120316)
        260811.53   4025619.17        5.69117  (19120316)                260833.32
4025636.87        6.03601  (19120316)
        260855.12   4025654.56        6.12781  (19120316)                260876.91
4025672.26        5.96546  (19120316)
        260898.71   4025689.95        5.56719  (19120316)                260920.50
4025707.65        4.95884  (19120316)
        260942.29   4025725.34        4.20704  (19120316)                260964.09
4025743.04        3.41200  (19120316)
        260985.88   4025760.73        2.64161  (19120316)                261007.68
4025778.43        1.95349  (19120316)
        261029.47   4025796.12        1.75324  (18012509)                261051.26
4025813.82        2.49762  (19121116)
        261073.06   4025831.51        3.42943  (19121116)                261094.85
4025849.21        4.51083  (19121116)
        261116.65   4025866.90        5.69814  (19121116)                261138.44
4025884.59        6.92861  (19121116)
        261160.23   4025902.29        8.10947  (19121116)                261182.03
4025919.98        9.13582  (19121116)
        261203.82   4025937.68        9.88590  (19121116)                261225.62
4025955.37       10.31574  (19121116)
        261247.41   4025973.07       10.37026  (19121116)                261269.20
4025990.76       10.04432  (19121116)
        261291.00   4026008.46        9.35757  (19121116)                261312.79
4026026.15        8.39108  (19121116)
        261334.59   4026043.85        7.24605  (19121116)                261356.38
4026061.54        6.02784  (19121116)
        261378.18   4026079.24        5.87175  (22010709)                261399.97
4026096.93        6.65033  (22010709)
        261421.76   4026114.63        7.21398  (22010709)                259786.65
4026922.81       18.53158  (20010209)
        259785.22   4026946.18       18.99081  (20010209)                259786.24
4026967.32       19.44353  (20010209)
        259787.46   4026993.13       19.97947  (20010209)                259786.85
4027016.70       20.07513  (20010209)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PHASE4 , PHASE3A , PHASE2A , PHASE3B , PHASE2B , PHASE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
260122.88	4026867.29	204.51415	(19121116)	260099.69	4026867.81	198.29230	(19121116)
260076.51	4026868.33	183.42869	(19121116)	260053.32	4026868.85	173.44297	(19121116)
260030.13	4026869.37	162.67169	(19121116)	260006.94	4026869.89	147.52349	(19121116)
259983.76	4026870.42	127.15515	(19121116)	259960.57	4026870.94	119.95729	(19121116)
260145.51	4026841.77	190.45069	(19121116)	260122.32	4026842.29	184.94292	(19121116)
260099.13	4026842.82	176.99663	(19121116)	260075.94	4026843.34	162.15505	(19121116)
260052.76	4026843.86	153.30281	(19121116)	260029.57	4026844.38	142.75380	(19121116)
260006.38	4026844.90	127.47798	(19121116)	259983.19	4026845.42	115.81926	(19121116)
259960.01	4026845.94	111.60924	(19121116)	260157.65	4026818.69	176.56450	(19121116)
260121.76	4026817.30	166.43655	(19121116)	260098.57	4026817.82	159.70523	(19121116)
260075.38	4026818.34	144.28872	(19121116)	260052.19	4026818.86	133.11930	(19121116)
260029.01	4026819.39	122.28070	(19121116)	260005.82	4026819.91	113.53651	(19121116)
259982.63	4026820.43	108.86064	(19121116)	259959.44	4026820.95	106.62278	(19121116)
260161.32	4026794.34	161.75015	(19121116)	260121.20	4026792.31	150.28400	(19121116)
260098.01	4026792.83	141.09486	(19121116)	260074.82			

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4026793.35      127.93020  (19121116)
        260051.63   4026793.87      117.59742  (19121116)                260028.45
4026794.39      110.11578  (19121116)
        260005.26   4026794.91      106.80350  (19121116)                259982.07
4026795.43      105.43836  (19121116)
        259958.88   4026795.96      104.85909  (19121116)                260160.19
4026744.35      137.70902  (19121116)
        260120.07   4026742.32      123.67790  (19121116)                260096.88
4026742.84      114.19942  (19121116)
        260073.70   4026743.36      106.42711  (19121116)                260050.51
4026743.88      102.27224  (19121116)
        260027.32   4026744.40      100.62594  (19121116)                260004.13
4026744.93      100.80581  (19121116)
        259980.95   4026745.45      102.63971  (19121116)                259957.76
4026745.97      104.60537  (19121116)
        260164.72   4026695.21      123.73673  (19121116)                260187.30
4026698.62      133.26305  (19121116)
        260142.14   4026691.81      114.68843  (19121116)                260118.95
4026692.33      107.04780  (19121116)
        260095.76   4026692.85      100.45188  (19121116)                260072.57
4026693.37       94.86347  (19121116)
        260049.39   4026693.90       94.77160  (19121116)                260026.20
4026694.42       96.58467  (19121116)
        260003.01   4026694.94       99.36953  (19121116)                259979.82
4026695.46      102.86578  (19121116)
        259956.64   4026695.98      107.00424  (19121116)                260162.18
4026645.01      104.22784  (19121116)
        260204.52   4026651.40      120.92916  (19121116)                260117.82
4026642.34       93.09787  (19121116)
        260094.64   4026642.87       90.58892  (19121116)                260071.45
4026643.39       89.70466  (19121116)
        260048.26   4026643.91       90.93777  (19121116)                260025.07
4026644.43       93.52162  (19121116)
        260001.89   4026644.95       96.94464  (19121116)                259978.70
4026645.47      100.53165  (19121116)
        259955.51   4026645.99      103.58609  (19121116)                260160.21
4026594.90       89.28851  (19121116)
        260200.85   4026601.03      100.35656  (19121116)                260116.70
4026592.36       86.27607  (19121116)
        260093.51   4026592.88       87.31973  (19121116)                260070.33
4026593.40       88.84917  (19121116)
        260047.14   4026593.92       90.21171  (19121116)                260023.95
4026594.44       92.26470  (19121116)
        260000.76   4026594.96       94.59549  (19121116)                259977.58
4026595.48       96.53174  (19121116)
        259954.39   4026596.01       97.27899  (19121116)                260160.22
4026495.27       78.35948  (19121116)
        260182.80   4026498.67       78.89595  (19121116)                260205.38
4026502.07       80.31386  (19121116)
        260227.96   4026505.48       83.17323  (19121116)                260250.54
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PHASE4   , PHASE3A
, PHASE2A   , PHASE3B   , PHASE2B   ,
                 PHASE1   ,

                                           *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        260137.64   4026491.86   79.16158 (19121116)   260114.45
4026492.38   80.61372 (19121116)
        260091.27   4026492.90   82.52224 (19121116)   260068.08
4026493.42   84.50363 (19121116)
        260044.89   4026493.95   85.62588 (19121116)   260021.70
4026494.47   84.73253 (19121116)
        259998.52   4026494.99   82.54391 (19121116)   259975.33
4026495.51   79.43469 (19121116)
        259952.14   4026496.03   75.57871 (19121116)   260156.56
4026395.08   74.34706 (19121116)
        260198.90   4026401.46   73.60112 (19121116)   260241.24
4026407.84   74.32695 (19121116)
        260283.58   4026414.23   77.66053 (19121116)   260112.21
4026392.41   74.46320 (19121116)
        260089.02   4026392.93   72.88696 (19121116)   260065.83
4026393.45   70.33272 (19121116)
        260042.64   4026393.97   68.14160 (19121116)   260019.46
4026394.49   64.45335 (19121116)
        259996.27   4026395.01   60.03409 (19121116)   259973.08
4026395.54   55.49576 (19121116)
        259949.89   4026396.06   52.98555 (20122409)   260155.73
4026295.32   67.43248 (19121116)
        260178.31   4026298.72   68.96597 (19121116)   260200.89
4026302.12   69.26468 (19121116)
        260223.47   4026305.53   68.88191 (19121116)   260246.05

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4026308.93       69.66576  (19121116)
        260268.63   4026312.34       70.27207  (19121116)                260291.21
4026315.74       70.84357  (19121116)
        260313.79   4026319.15       71.80442  (19121116)                260133.15
4026291.91       64.83344  (19121116)
        260109.96   4026292.43       61.75943  (19121116)                260086.77
4026292.95       57.79353  (19121116)
        260063.58   4026293.48       54.61288  (20122409)                260040.40
4026294.00       52.24887  (20122409)
        260017.21   4026294.52       50.22390  (20122409)                259994.02
4026295.04       48.73540  (20122409)
        259970.83   4026295.56       48.12782  (20122409)                259947.65
4026296.08       48.50765  (20122409)
        260152.45   4026195.19       55.76678  (20122409)                260195.56
4026201.69       59.11224  (19121116)
        260238.67   4026208.18       63.27561  (19121116)                260281.77
4026214.68       65.24098  (19121116)
        260324.88   4026221.18       65.53291  (19121116)                260107.71
4026192.46       53.78760  (20122409)
        260084.52   4026192.98       52.01763  (20122409)                260061.34
4026193.50       49.95991  (20122409)
        260038.15   4026194.02       48.00146  (20122409)                260014.96
4026194.54       47.08878  (20122409)
        259991.77   4026195.06       46.55579  (20122409)                259968.59
4026195.59       46.52174  (20122409)
        259945.40   4026196.11       46.86519  (20122409)                260148.18
4025995.27       47.90621  (20122409)
        260191.72   4026001.84       48.47990  (20122409)                260235.27
4026008.40       46.06260  (20122409)
        260278.82   4026014.97       43.82637  (19121116)                260322.37
4026021.53       50.48020  (19121116)
        260365.91   4026028.10       55.56336  (19121116)                260409.46
4026034.66       58.17541  (19121116)
        260103.22   4025992.51       45.93187  (20122409)                260080.03
4025993.03       44.66762  (20122409)
        260056.84   4025993.55       43.48889  (20122409)                260033.65
4025994.07       42.71271  (20122409)
        260010.47   4025994.59       42.23777  (20122409)                259987.28
4025995.11       41.92307  (20122409)
        259964.09   4025995.64       41.81118  (20122409)                259940.90
4025996.16       41.93666  (20122409)
        260143.82   4025795.34       41.78739  (20122409)                260187.66
4025801.95       42.85527  (20122409)
        260231.49   4025808.56       42.48407  (20122409)                260275.32
4025815.17       39.87677  (20122409)
        260319.15   4025821.78       34.73927  (20122409)                260362.98
4025828.38       35.43945  (19120316)
        260406.82   4025834.99       39.26142  (19121116)                260450.65
4025841.60       44.77345  (19121116)
        260098.72   4025792.56       40.38734  (20122409)                260075.53
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   PHASE4   , PHASE3A
, PHASE2A   , PHASE3B   , PHASE2B   ,
                PHASE1   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        259959.60   4025795.69   38.57552 (20122409)   259936.41
4025796.21   38.79963 (20122409)
        260139.43   4025595.41   37.09043 (20122409)   260183.46
4025602.05   37.80533 (20122409)
        260227.49   4025608.68   37.96979 (20122409)   260271.52
4025615.32   37.34705 (20122409)
        260315.55   4025621.96   34.64274 (20122409)   260359.59
4025628.60   30.08189 (19120316)
        260403.62   4025635.24   31.29708 (19120316)   260447.65
4025641.88   33.29652 (19120316)
        260491.68   4025648.51   35.58701 (19120316)   260535.71
4025655.15   37.48922 (19120316)
        260094.23   4025592.61   36.08077 (20122409)   260071.04
4025593.13   35.66619 (20122409)
        260047.85   4025593.65   35.42983 (20122409)   260024.66
4025594.17   35.38689 (20122409)
        260001.48   4025594.69   35.45493 (20122409)   259978.29
4025595.22   35.54469 (20122409)
        259955.10   4025595.74   35.47902 (20122409)   259931.91
4025596.26   35.35716 (20122409)
        260135.01   4025395.47   34.02090 (20122409)   260179.19

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4025402.13       34.85828  (20122409)
        260223.37   4025408.79       35.43616  (20122409)                260267.54
4025415.45       35.09008  (20122409)
        260311.72   4025422.11       33.46376  (20122409)                260355.90
4025428.77       30.47908  (20122409)
        260400.08   4025435.43       27.99327  (19120316)                260444.26
4025442.09       28.82606  (19120316)
        260488.44   4025448.75       30.01339  (19120316)                260532.61
4025455.41       31.55366  (19120316)
        260576.79   4025462.07       33.31326  (19120316)                260089.73
4025392.66       33.52360  (20122409)
        260066.54   4025393.18       33.38261  (20122409)                260043.36
4025393.70       33.29828  (20122409)
        260020.17   4025394.22       33.16963  (20122409)                259996.98
4025394.75       33.01338  (20122409)
        259973.79   4025395.27       32.81257  (20122409)                259950.61
4025395.79       32.53025  (20122409)
        259927.42   4025396.31       32.12105  (20122409)                259936.53
4026919.72      132.12193  (19121116)
        259936.93   4026943.08      138.33421  (19121116)                259937.33
4026966.44      146.64121  (19121116)
        259937.73   4026989.80      157.49170  (19121116)                259938.13
4027013.16      165.29646  (19121116)
        259918.11   4026879.03      116.11069  (19121116)                259911.54
4026920.14      128.90317  (19121116)
        259911.93   4026943.51      134.94454  (19121116)                259912.33
4026966.87      142.00843  (19121116)
        259912.73   4026990.23      151.01488  (19121116)                259913.13
4027013.59      158.32324  (19121116)
        259893.11   4026879.46      117.40593  (19121116)                259924.52
4026836.29      108.96146  (19121116)
        259886.54   4026920.57      128.61746  (19121116)                259886.94
4026943.93      133.30217  (19121116)
        259887.34   4026967.29      139.59966  (19121116)                259887.73
4026990.66      150.05715  (19121116)
        259888.13   4027014.02      157.21954  (19121116)                259868.12
4026879.88      124.11693  (19121116)
        259882.06   4026844.38      119.20567  (19121116)                259906.50
4026818.96      111.89074  (19121116)
        259861.54   4026921.00      129.72978  (19121116)                259861.94
4026944.36      134.41190  (19121116)
        259862.34   4026967.72      141.15728  (19121116)                259862.74
4026991.08      149.50927  (19121116)
        259863.14   4027014.44      159.02010  (19121116)                259819.52
4026877.19      146.45331  (19121116)
        259827.89   4026855.88      143.03955  (19121116)                259836.25
4026834.58      138.28872  (19121116)
        259844.62   4026813.28      134.92322  (19121116)                259873.94
4026782.78      125.08943  (19121116)
        259894.90   4026773.58      119.47244  (19121116)                259915.85
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4026773.24       99.09070  (19121116)
        259719.75   4026751.94       94.17994  (19121116)                259728.11
4026730.63       88.16734  (19121116)
        259736.48   4026709.33       82.97444  (19121116)                259765.80
4026678.83       81.35040  (19121116)
        259786.76   4026669.63       84.63501  (19121116)                259807.71
4026660.42       87.88750  (19121116)
        259828.66   4026651.22       90.09215  (19121116)                259849.62
4026642.02       91.98468  (19121116)
        259870.57   4026632.82       93.97707  (19121116)                259891.53
4026623.61       96.26879  (19121116)
        259912.48   4026614.41       97.29152  (19121116)                259933.43
4026605.21       97.61145  (19121116)
        259569.16   4026882.46      140.51992  (20010209)                259585.09
4026841.89      132.01718  (20010209)
        259601.03   4026801.31      124.41672  (20010209)                259616.97
4026760.74      110.35379  (20010209)
        259632.91   4026720.17       92.99419  (20010209)                259648.85
4026679.59       78.35038  (20010209)
        259664.78   4026639.02       72.53154  (20122409)                259692.71
4026609.97       70.51766  (20122409)
        259732.62   4026592.44       70.25611  (20122409)                259772.53
4026574.91       69.56439  (20122409)
        259812.45   4026557.38       66.07368  (20122409)                259852.36
4026539.85       62.34263  (19121116)
        259892.27   4026522.32       68.39079  (19121116)                259485.81
4026841.80      127.85227  (20010209)
        259502.22   4026800.04      122.89243  (20010209)                259518.63
4026758.27      113.49747  (20010209)
        259535.03   4026716.50      102.83695  (20010209)                259543.24
4026695.62       98.31085  (20010209)
        259559.64   4026653.85       90.91061  (20010209)                259576.05
4026612.08       81.37055  (20010209)
        259592.46   4026570.32       70.52324  (20010209)                259621.20
4026540.41       61.81780  (20122409)
        259662.29   4026522.37       62.36783  (20122409)                259703.37
4026504.32       62.24050  (20122409)
        259744.46   4026486.28       62.23270  (20122409)                259785.55
4026468.23       60.96227  (20122409)
        259826.63   4026450.19       57.99414  (20122409)                259867.72
4026432.14       54.68294  (20122409)
        259888.26   4026423.12       53.67230  (20122409)                259377.95
4026863.56      111.08516  (20121509)
        259386.32   4026842.26      107.70431  (20010209)                259394.69
4026820.95      113.51739  (20010209)
        259403.05   4026799.65      115.39048  (20010209)                259411.42
4026778.35      113.51937  (20010209)
        259419.79   4026757.05      110.53573  (20010209)                259428.16
4026735.75      107.68669  (20010209)
        259436.52   4026714.45      104.81274  (20010209)                259444.89
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4026693.15      101.61775  (20010209)
        259453.26   4026671.84       98.41841  (20010209)                259461.63
4026650.54       95.50309  (20010209)
        259469.99   4026629.24       92.45924  (20010209)                259478.36
4026607.94       89.72172  (20010209)
        259486.73   4026586.64       86.72469  (20010209)                259495.10
4026565.34       83.49239  (20010209)
        259503.46   4026544.04       79.88925  (20010209)                259511.83
4026522.74       75.94357  (20010209)
        259520.20   4026501.43       71.89006  (20010209)                259549.52
4026470.93       63.74094  (20010209)
        259570.47   4026461.73       59.65878  (20010209)                259591.43
4026452.53       55.92767  (20010209)
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 711
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                 PHASE1      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
        259612.38   4026443.32       53.48066  (20122409)                259633.33
4026434.12       54.56755  (20122409)
        259654.29   4026424.92       55.02006  (20122409)                259675.24
4026415.71       55.25590  (20122409)
        259696.20   4026406.51       55.58147  (20122409)                259717.15
4026397.31       55.82520  (20122409)
        259738.11   4026388.11       55.80266  (20122409)                259759.06
4026378.90       55.60343  (20122409)
        259780.01   4026369.70       55.09760  (20122409)                259800.97
4026360.50       54.37329  (20122409)
        259821.92   4026351.30       53.72586  (20122409)                259842.88
4026342.09       52.97680  (20122409)
        259863.83   4026332.89       51.96799  (20122409)                259884.78
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4026323.69 51.01578 (20122409)
259905.74 4026314.49 50.22178 (20122409) 259926.69
4026305.28 49.40087 (20122409)
259361.62 4026929.52 126.71997 (20121509) 259362.01
4026952.88 122.48496 (20121509)
259362.41 4026976.24 121.41505 (20010209) 259362.81
4026999.61 129.97498 (20010209)
259363.21 4027022.97 143.76856 (20121509) 259269.72
4026886.25 104.58671 (20121509)
259278.21 4026864.64 105.61116 (20121509) 259286.70
4026843.03 104.13583 (20121509)
259295.19 4026821.42 98.50561 (22122116) 259303.67
4026799.81 95.79868 (22122116)
259312.16 4026778.20 89.94971 (22122116) 259320.65
4026756.59 86.62425 (20010209)
259329.14 4026734.98 89.17981 (20010209) 259337.63
4026713.37 91.85374 (20010209)
259346.12 4026691.76 93.57970 (20010209) 259354.61
4026670.15 93.97997 (20010209)
259363.10 4026648.54 93.23305 (20010209) 259371.58
4026626.93 91.80569 (20010209)
259380.07 4026605.32 90.01780 (20010209) 259388.56
4026583.71 87.79660 (20010209)
259397.05 4026562.10 85.66667 (20010209) 259405.54
4026540.49 83.65691 (20010209)
259414.03 4026518.88 81.82483 (20010209) 259422.52
4026497.27 79.67800 (20010209)
259431.00 4026475.66 77.24949 (20010209) 259439.49
4026454.05 74.59062 (20010209)
259447.98 4026432.44 71.81086 (20010209) 259477.73
4026401.50 65.33497 (20010209)
259498.99 4026392.16 61.53983 (20010209) 259520.24
4026382.83 57.63446 (20010209)
259541.50 4026373.49 54.03653 (20010209) 259562.76
4026364.15 50.89750 (20010209)
259584.02 4026354.82 48.11218 (20010209) 259605.27
4026345.48 45.78506 (20010209)
259626.53 4026336.15 47.41441 (20122409) 259647.79
4026326.81 48.85193 (20122409)
259669.05 4026317.47 49.78017 (20122409) 259690.31
4026308.14 50.45512 (20122409)
259711.56 4026298.80 50.81992 (20122409) 259732.82
4026289.47 50.87148 (20122409)
259754.08 4026280.13 50.98487 (20122409) 259775.34
4026270.79 51.14804 (20122409)
259796.59 4026261.46 51.58228 (20122409) 259817.85
4026252.12 51.53859 (20122409)
259839.11 4026242.79 50.97751 (20122409) 259860.37
4026233.45 50.04416 (20122409)
259881.62 4026224.11 48.99175 (20122409) 259902.88

4026214.78   48.19739 (20122409)
        259924.14   4026205.44   47.50114 (20122409)   259261.63
4026931.23   104.84107 (20121509)
        259262.03   4026954.59   111.73597 (20121509)   259262.43
4026977.95   122.11514 (20121509)
        259262.83   4027001.31   129.59971 (20121509)   259263.22
4027024.67   130.43592 (20121509)
        259263.62   4027048.03   130.86592 (20121509)   259069.63
4026889.97   94.42561 (20121509)
        259078.00   4026868.67   90.89479 (20121509)   259086.36
4026847.37   88.08167 (20121509)
        259094.73   4026826.07   86.25035 (20121509)   259103.10
4026804.77   85.32378 (20121509)
        259111.47   4026783.47   84.34596 (20121509)   259119.83
4026762.16   82.28441 (20121509)
        259128.20   4026740.86   80.61523 (22122116)   259136.57
4026719.56   80.68696 (22122116)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   PHASE4   , PHASE3A
, PHASE2A   , PHASE3B   , PHASE2B   ,
                PHASE1   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        259144.93   4026698.26   78.39442 (22122116)   259153.30
4026676.96   75.38766 (22122116)
        259161.67   4026655.66   71.78822 (22122116)   259170.04
4026634.36   67.04302 (22122116)
        259178.40   4026613.06   60.63284 (22122116)   259186.77
4026591.75   61.26984 (20010209)
        259195.14   4026570.45   63.35858 (20010209)   259203.51
4026549.15   65.29340 (20010209)
        259211.87   4026527.85   67.07313 (20010209)   259220.24

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4026506.55       68.68186  (20010209)
        259228.61   4026485.25       70.02603  (20010209)                259236.98
4026463.95       70.29322  (20010209)
        259245.34   4026442.64       70.55588  (20010209)                259253.71
4026421.34       70.72626  (20010209)
        259262.08   4026400.04       70.43456  (20010209)                259270.45
4026378.74       70.09608  (20010209)
        259278.81   4026357.44       69.85573  (20010209)                259287.18
4026336.14       69.45959  (20010209)
        259295.55   4026314.84       68.20738  (20010209)                259303.91
4026293.54       66.82988  (20010209)
        259333.24   4026263.03       64.00102  (20010209)                259354.19
4026253.83       62.11161  (20010209)
        259375.14   4026244.63       59.97618  (20010209)                259396.10
4026235.42       57.48169  (20010209)
        259417.05   4026226.22       54.72098  (20010209)                259438.01
4026217.02       51.81843  (20010209)
        259458.96   4026207.82       48.95408  (20010209)                259479.91
4026198.61       46.27744  (20010209)
        259500.87   4026189.41       43.81831  (20010209)                259521.82
4026180.21       41.54612  (20010209)
        259542.78   4026171.01       39.42677  (20010209)                259563.73
4026161.80       37.36069  (20010209)
        259584.68   4026152.60       35.24146  (20010209)                259605.64
4026143.40       32.97624  (20122409)
        259626.59   4026134.20       35.68788  (20122409)                259647.55
4026124.99       37.92852  (20122409)
        259668.50   4026115.79       39.53049  (20122409)                259689.45
4026106.59       40.62272  (20122409)
        259710.41   4026097.39       41.35141  (20122409)                259731.36
4026088.18       42.38095  (20122409)
        259752.32   4026078.98       43.28083  (20122409)                259773.27
4026069.78       43.89290  (20122409)
        259794.23   4026060.58       43.86697  (20122409)                259815.18
4026051.37       43.69589  (20122409)
        259836.13   4026042.17       43.50492  (20122409)                259857.09
4026032.97       43.29913  (20122409)
        259878.04   4026023.77       43.05941  (20122409)                259899.00
4026014.56       42.71838  (20122409)
        259919.95   4026005.36       42.33263  (20122409)                259061.66
4026934.64       96.25630  (20121509)
        259062.06   4026958.00       96.31343  (20121509)                259062.46
4026981.36       96.27134  (20121509)
        259062.85   4027004.72       95.90664  (20121509)                259063.25
4027028.08       95.22342  (20121509)
        259063.65   4027051.44       93.94258  (20121509)                258869.81
4026892.99       78.83818  (20121509)
        258878.33   4026871.29       79.21066  (20121509)                258886.86
4026849.60       79.85601  (20121509)
        258895.38   4026827.90       79.68278  (20121509)                258903.90
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4026806.20       78.98962  (20121509)
        258912.42   4026784.51       77.77355  (20121509)                258920.95
4026762.81       76.10937  (20121509)
        258929.47   4026741.12       74.52780  (20121509)                258937.99
4026719.42       72.96327  (20121509)
        258946.51   4026697.73       71.82159  (22122116)                258955.04
4026676.03       71.02884  (22122116)
        258963.56   4026654.33       70.19784  (22122116)                258972.08
4026632.64       69.36299  (22122116)
        258980.60   4026610.94       68.34745  (22122116)                258989.12
4026589.25       66.82153  (22122116)
        258997.65   4026567.55       64.67340  (22122116)                259006.17
4026545.85       61.48479  (22122116)
        259014.69   4026524.16       57.26517  (22122116)                259023.21
4026502.46       52.43982  (22122116)
        259031.74   4026480.77       47.43724  (22122116)                259040.26
4026459.07       42.31285  (22122116)
        259048.78   4026437.38       39.83820  (20010209)                259057.30
4026415.68       42.88738  (20010209)
        259065.83   4026393.98       45.66416  (20010209)                259074.35
4026372.29       48.15926  (20010209)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 713
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                PHASE1      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        259082.87   4026350.59       50.39709  (20010209)                259091.39
4026328.90       52.39057  (20010209)
        259099.92   4026307.20       54.15780  (20010209)                259108.44
4026285.51       55.67601  (20010209)
        259116.96   4026263.81       56.91345  (20010209)                259125.48
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4026242.11       57.91936  (20010209)
        259134.00   4026220.42       58.68506  (20010209)                259142.53
4026198.72       59.16354  (20010209)
        259151.05   4026177.03       59.35924  (20010209)                259159.57
4026155.33       59.22447  (20010209)
        259189.44   4026124.26       58.66571  (20010209)                259210.78
4026114.89       58.16619  (20010209)
        259232.12   4026105.52       57.16318  (20010209)                259253.46
4026096.14       55.79382  (20010209)
        259274.80   4026086.77       54.41406  (20010209)                259296.15
4026077.40       52.83179  (20010209)
        259317.49   4026068.02       50.86069  (20010209)                259338.83
4026058.65       48.79758  (20010209)
        259360.17   4026049.28       46.52872  (20010209)                259381.51
4026039.91       44.14026  (20010209)
        259402.86   4026030.53       41.73654  (20010209)                259424.20
4026021.16       39.42510  (20010209)
        259445.54   4026011.79       37.21130  (20010209)                259466.88
4026002.41       35.06195  (20010209)
        259488.22   4025993.04       33.01854  (20010209)                259509.57
4025983.67       30.94696  (20010209)
        259530.91   4025974.29       28.71975  (20010209)                259552.25
4025964.92       26.24207  (20010209)
        259573.59   4025955.55       23.60291  (20010209)                259594.94
4025946.18       21.99867  (20122409)
        259616.28   4025936.80       24.98038  (20122409)                259637.62
4025927.43       27.61385  (20122409)
        259658.96   4025918.06       29.98813  (20122409)                259680.30
4025908.68       32.06569  (20122409)
        259701.65   4025899.31       33.67118  (20122409)                259722.99
4025889.94       34.96942  (20122409)
        259744.33   4025880.56       35.97423  (20122409)                259765.67
4025871.19       37.05037  (20122409)
        259787.01   4025861.82       37.89084  (20122409)                259808.36
4025852.45       38.54388  (20122409)
        259829.70   4025843.07       38.96735  (20122409)                259851.04
4025833.70       39.14934  (20122409)
        259872.38   4025824.33       39.20425  (20122409)                259893.72
4025814.95       39.13832  (20122409)
        259915.07   4025805.58       39.00042  (20122409)                258861.29
4026914.68       77.44124  (20121509)
        258861.69   4026938.04       76.37613  (20121509)                258862.09
4026961.41       75.23080  (20121509)
        258862.48   4026984.77       73.85763  (20121509)                258862.88
4027008.13       74.08352  (18012309)
        258863.28   4027031.49       75.54233  (18012309)                258863.68
4027054.85       76.31723  (18012309)
        258669.75   4026896.63       61.67467  (20121509)                258678.18
4026875.16       63.93027  (20121509)
        258686.62   4026853.69       65.62872  (20121509)                258695.05
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4026832.23   66.98705 (20121509)
        258703.48   4026810.76   67.89302 (20121509)   258711.91
4026789.29   68.40500 (20121509)
        258720.34   4026767.83   68.46724 (20121509)   258728.78
4026746.36   68.36307 (20121509)
        258737.21   4026724.89   67.51841 (20121509)   258745.64
4026703.43   66.87822 (20121509)
        258754.07   4026681.96   65.83261 (20121509)   258762.51
4026660.50   64.35391 (20121509)
        258770.94   4026639.03   62.79606 (20121509)   258779.37
4026617.56   62.15039 (22122116)
        258787.80   4026596.10   62.62904 (22122116)   258796.23
4026574.63   62.40284 (22122116)
        258804.67   4026553.16   61.83312 (22122116)   258813.10
4026531.70   60.98119 (22122116)
        258821.53   4026510.23   59.81701 (22122116)   258829.96
4026488.76   58.68521 (22122116)
        258838.40   4026467.30   56.80397 (22122116)   258846.83
4026445.83   54.32337 (22122116)
        258855.26   4026424.36   51.37704 (22122116)   258863.69
4026402.90   48.13935 (22122116)
        258872.13   4026381.43   44.61040 (22122116)   258880.56
4026359.97   40.83646 (22122116)
        258888.99   4026338.50   36.50350 (22122116)   258897.42
4026317.03   32.45589 (22122116)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   PHASE4   , PHASE3A
, PHASE2A   , PHASE3B   , PHASE2B   ,
                PHASE1   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
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- -
        258905.85   4026295.57   28.70627 (22122116)   258914.29

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4026274.10       25.11776  (22122116)
        258922.72   4026252.63       27.72879  (20010209)                258931.15
4026231.17       30.48649  (20010209)
        258939.58   4026209.70       33.19425  (20010209)                258948.02
4026188.23       35.70912  (20010209)
        258956.45   4026166.77       38.05518  (20010209)                258964.88
4026145.30       40.24286  (20010209)
        258973.31   4026123.83       42.23528  (20010209)                258981.74
4026102.37       43.93388  (20010209)
        258990.18   4026080.90       45.31899  (20010209)                258998.61
4026059.44       46.57474  (20010209)
        259007.04   4026037.97       47.79680  (20010209)                259015.47
4026016.50       48.75242  (20010209)
        259045.02   4025985.76       50.94797  (20010209)                259066.14
4025976.49       51.93383  (20010209)
        259087.25   4025967.21       52.45876  (20010209)                259108.37
4025957.94       52.50523  (20010209)
        259129.49   4025948.67       52.28843  (20010209)                259150.60
4025939.39       51.72975  (20010209)
        259171.72   4025930.12       50.88934  (20010209)                259192.84
4025920.84       49.67310  (20010209)
        259213.95   4025911.57       48.19457  (20010209)                259235.07
4025902.30       46.54063  (20010209)
        259256.19   4025893.02       44.73084  (20010209)                259277.30
4025883.75       42.81391  (20010209)
        259298.42   4025874.48       40.81153  (20010209)                259319.54
4025865.20       38.74903  (20010209)
        259340.65   4025855.93       36.71193  (20010209)                259361.77
4025846.65       34.66103  (20010209)
        259382.89   4025837.38       32.66322  (20010209)                259404.00
4025828.11       30.75802  (20010209)
        259425.12   4025818.83       28.74396  (20010209)                259446.23
4025809.56       26.60409  (20010209)
        259467.35   4025800.28       24.36049  (20010209)                259488.47
4025791.01       22.06254  (20010209)
        259509.58   4025781.74       19.67524  (20010209)                259530.70
4025772.46       17.22664  (20010209)
        259551.82   4025763.19       17.22476  (22011111)                259572.93
4025753.91       17.33296  (22011111)
        259594.05   4025744.64       17.36693  (22011111)                259615.17
4025735.37       18.00686  (20122409)
        259636.28   4025726.09       20.49131  (20122409)                259657.40
4025716.82       22.85056  (20122409)
        259678.52   4025707.55       24.99524  (20122409)                259699.63
4025698.27       27.02446  (20122409)
        259720.75   4025689.00       28.81852  (20122409)                259741.87
4025679.72       30.32603  (20122409)
        259762.98   4025670.45       31.62880  (20122409)                259784.10
4025661.18       32.68778  (20122409)
        259805.21   4025651.90       33.47511  (20122409)                259826.33
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4025642.63   33.97677 (20122409)
        259847.45   4025633.35   34.45542 (20122409)   259868.56
4025624.08   34.93657 (20122409)
        259889.68   4025614.81   35.30198 (20122409)   259910.80
4025605.53   35.37523 (20122409)
        258661.32   4026918.09   64.82183 (18012309)   258661.72
4026941.45   68.55978 (18012309)
        258662.12   4026964.82   71.25694 (18012309)   258662.51
4026988.18   72.86863 (18012309)
        258662.91   4027011.54   73.99643 (18012309)   258663.31
4027034.90   75.15661 (18012309)
        258663.71   4027058.26   75.84317 (18012309)   258469.89
4026899.77   62.95612 (18012309)
        258478.42   4026878.03   60.18894 (18012309)   258486.96
4026856.29   56.44774 (18012309)
        258495.50   4026834.56   51.95424 (18012309)   258504.04
4026812.82   54.36329 (20121509)
        258512.58   4026791.09   56.48890 (20121509)   258521.11
4026769.35   58.11342 (20121509)
        258529.65   4026747.61   59.55325 (20121509)   258538.19
4026725.88   60.93815 (20121509)
        258546.73   4026704.14   61.82411 (20121509)   258555.27
4026682.41   62.26145 (20121509)
        258563.81   4026660.67   62.25651 (20121509)   258572.34
4026638.93   61.84459 (20121509)
        258580.88   4026617.20   60.99782 (20121509)   258589.42
4026595.46   59.83393 (20121509)
        258597.96   4026573.73   58.49939 (20121509)   258606.50
4026551.99   56.82922 (20121509)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PHASE4   , PHASE3A
, PHASE2A   , PHASE3B   , PHASE2B   ,
                 PHASE1   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)

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Y-COORD (M)        CONC     (YYMMDDHH)
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4025696.80       35.59838  (20010209)
        259264.59   4025687.41       33.80661  (20010209)                259285.97
4025678.02       31.99605  (20010209)
        259307.35   4025668.63       30.15214  (20010209)                259328.73
4025659.24       28.19529  (20010209)
        259350.11   4025649.85       26.14436  (20010209)                259371.50
4025640.46       24.09489  (20010209)
        259392.88   4025631.07       22.01378  (20010209)                259414.26
4025621.68       19.89164  (20010209)
        259435.64   4025612.29       17.75215  (20010209)                259457.02
4025602.90       16.12554  (22011111)
        259478.40   4025593.51       16.53728  (22011111)                259499.79
4025584.12       16.91202  (22011111)
        259521.17   4025574.73       17.13113  (22011111)                259542.55
4025565.34       17.25818  (22011111)
        259563.93   4025555.95       17.29079  (22011111)                259585.31
4025546.55       17.18235  (22011111)
        259606.69   4025537.16       17.08716  (22011111)                259628.08
4025527.77       16.99725  (22011111)
        259649.46   4025518.38       16.86431  (22011111)                259670.84
4025508.99       18.49583  (20122409)
        259692.22   4025499.60       20.50482  (20122409)                259713.60
4025490.21       22.38193  (20122409)
        259734.98   4025480.82       24.18008  (20122409)                259756.37
4025471.43       25.77819  (20122409)
        259777.75   4025462.04       27.20392  (20122409)                259799.13
4025452.65       28.41197  (20122409)
        259820.51   4025443.26       29.43006  (20122409)                259841.89
4025433.87       30.26142  (20122409)
        259863.27   4025424.48       30.93641  (20122409)                259884.66
4025415.09       31.45024  (20122409)
        259906.04   4025405.70       31.83993  (20122409)                258461.35
4026921.50       66.12821  (18012309)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                  PAGE 716
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                PHASE1      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
258461.75	4026944.86	68.69174	(18012309)	258462.14	4026968.23	70.60524	(18012309)
258462.54	4026991.59	72.33719	(18012309)	258462.94	4027014.95	72.62812	(18012309)
258463.34	4027038.31	73.18442	(18012309)	258463.74	4027061.67	74.48427	(18012309)
259934.28	4026786.78	107.25974	(19121116)	259843.61	4026789.17	132.73096	(19121116)
259775.62	4026790.96	126.70021	(19121116)	259910.29	4026737.40	117.07203	(19121116)
259796.97	4026740.38	112.40728	(19121116)	259774.30	4026740.98	106.22554	(19121116)
259751.64	4026741.57	99.97394	(19121116)	259930.33	4026636.84	103.20881	(19121116)
259794.33	4026640.42	76.05341	(19121116)	259771.67	4026641.01	73.93395	(20122409)
259749.00	4026641.61	74.71429	(20122409)	259950.36	4026536.27	83.91976	(19121116)
259927.70	4026536.87	80.43767	(19121116)	259791.70	4026540.45	66.89944	(20122409)
259769.04	4026541.05	67.58246	(20122409)	259746.37	4026541.64	67.27619	(20122409)
259947.73	4026436.31	60.55663	(19121116)	259925.07	4026436.90	54.68749	(19121116)
259789.07	4026440.48	58.48900	(20122409)	259766.41	4026441.08	58.68369	(20122409)
259743.74	4026441.68	58.76549	(20122409)	259945.10	4026336.34	49.81145	(20122409)
259922.43	4026336.94	50.46759	(20122409)	259786.44	4026340.52	54.30832	(20122409)
259763.77	4026341.12	54.08785	(20122409)	259741.11	4026341.71	53.59157	(20122409)
259939.84	4026136.41	45.27821	(20122409)	259917.17	4026137.01	45.71225	(20122409)
259894.50	4026137.61	45.93772	(20122409)	259871.84	4026138.20	46.63131	(20122409)
259849.17	4026138.80	47.27167	(20122409)	259826.51	4026139.40	47.58369	(20122409)
259803.84	4026139.99	47.38689	(20122409)	259781.18	4026140.59	46.35797	(20122409)
259758.51	4026141.19	45.17562	(20122409)	259735.85	4026141.78	44.23337	(20122409)
259934.57	4025936.48	40.91425	(20122409)	259911.91			

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4025937.08       41.22419  (20122409)
        259889.24   4025937.67       41.57759  (20122409)                259866.58
4025938.27       41.66063  (20122409)
        259843.91   4025938.87       41.55473  (20122409)                259821.24
4025939.46       41.18022  (20122409)
        259798.58   4025940.06       40.48743  (20122409)                259775.91
4025940.66       39.74719  (20122409)
        259753.25   4025941.25       38.75949  (20122409)                259730.58
4025941.85       37.48392  (20122409)
        259929.31   4025736.55       37.79272  (20122409)                259906.64
4025737.15       37.83405  (20122409)
        259883.98   4025737.74       37.70935  (20122409)                259861.31
4025738.34       37.42866  (20122409)
        259838.65   4025738.94       36.85817  (20122409)                259815.98
4025739.53       36.16821  (20122409)
        259793.32   4025740.13       35.27496  (20122409)                259770.65
4025740.73       34.06367  (20122409)
        259747.99   4025741.32       32.53689  (20122409)                259725.32
4025741.92       30.77783  (20122409)
        259924.05   4025536.62       34.25461  (20122409)                259901.38
4025537.22       33.92375  (20122409)
        259878.72   4025537.81       33.43662  (20122409)                259856.05
4025538.41       32.79347  (20122409)
        259833.38   4025539.01       32.09612  (20122409)                259810.72
4025539.60       31.15577  (20122409)
        259788.05   4025540.20       29.91271  (20122409)                259765.39
4025540.80       28.37372  (20122409)
        259742.72   4025541.39       26.57889  (20122409)                259720.06
4025541.99       24.50044  (20122409)
        260259.41   4027030.57      144.70336  (19121116)                260258.91
4027007.71      148.81455  (19121116)
        260258.41   4026984.85      152.39982  (19121116)                260257.92
4026961.98      155.41493  (19121116)
        260257.42   4026939.12      156.82523  (19121116)                260256.92
4026916.26      159.09354  (19121116)
        260256.42   4026893.39      162.05831  (19121116)                260359.39
4027028.40       93.10590  (22121609)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 717
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                 PHASE1      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
260358.89	4027005.53	95.96201	(19121116)	260358.39	4026982.67	99.79854	(19121116)
260357.89	4026959.81	103.40311	(19121116)	260357.39	4026936.94	107.01215	(19121116)
260356.90	4026914.08	110.56935	(19121116)	260356.40	4026891.22	114.01459	(19121116)
260459.36	4027026.22	77.48824	(22121609)	260458.87	4027003.35	70.98306	(22121609)
260458.37	4026980.49	65.21389	(22121609)	260457.87	4026957.63	66.09521	(22010709)
260457.37	4026934.76	69.15675	(19121116)	260456.87	4026911.90	73.01769	(19121116)
260456.37	4026889.04	77.13630	(19121116)	260659.32	4027021.86	66.20464	(22121609)
260658.82	4026998.99	60.62102	(22121609)	260658.32	4026976.13	54.50141	(22121609)
260657.82	4026953.27	47.60743	(22121609)	260657.32	4026930.40	44.22837	(21122009)
260656.82	4026907.54	45.47557	(21122009)	260656.33	4026884.68	46.52723	(21122009)
260859.27	4027017.50	55.30775	(22121609)	260858.77	4026994.64	50.38544	(22121609)
260858.27	4026971.77	44.86852	(22121609)	260857.77	4026948.91	38.68356	(22121609)
260857.28	4026926.05	37.54694	(22120209)	260856.78	4026903.18	38.12038	(22120209)
260856.28	4026880.32	38.75561	(22120209)	261059.22	4027013.14	47.42473	(22121609)
261058.72	4026990.28	43.00932	(22121609)	261058.22	4026967.42	38.12779	(22121609)
261057.73	4026944.55	33.05498	(22120209)	261057.23	4026921.69	33.59177	(22120209)
261056.73	4026898.83	34.42937	(22120209)	261056.23	4026875.96	35.93945	(22120209)
261259.17	4027008.78	41.40062	(22121609)	261258.68	4026985.92	37.51115	(22121609)
261258.18	4026963.06	33.26560	(22121609)	261257.68	4026940.19	28.79685	(22121609)
261257.18	4026917.33	29.83680	(22120209)	261256.68			

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4026894.47       31.08701  (22120209)
        261256.18   4026871.60       32.30323  (22120209)                259796.13
4026879.73      157.26318  (19121116)
        259754.95   4026854.32      151.81027  (19121116)                259754.15
4026829.33      138.96723  (19121116)
        259782.14   4026815.29      138.87244  (19121116)                259810.93
4026826.23      145.10126  (19121116)
        259798.03   4026771.96      124.11217  (19121116)                259766.16
4026710.47       92.86669  (19121116)
        259713.18   4026705.57       80.92563  (20122409)                259863.07
4026697.95      112.53861  (19121116)
        259730.08   4026655.01       75.91038  (20122409)                259763.58
4026610.76       71.80183  (20122409)
        259879.85   4026654.96      102.82634  (19121116)                259977.30
4026719.03      104.45018  (19121116)
        259998.89   4026767.78      102.86675  (19121116)                259760.72
4026510.93       64.85536  (20122409)
        259828.46   4026536.69       63.60681  (20122409)                259879.27
4026556.01       74.49834  (19121116)
        259913.14   4026568.88       86.45133  (19121116)                259757.73
4026411.06       56.98559  (20122409)
        259877.69   4026456.67       56.02502  (20122409)                259911.97
4026469.70       59.42048  (19121116)
        260031.93   4026515.31       87.71573  (19121116)                260066.20
4026528.34       87.18364  (19121116)
        260107.90   4026558.14       84.60485  (19121116)                260137.61
4026625.19       92.51816  (19121116)
        260182.16   4026725.77      141.17164  (19121116)                260197.01
4026759.29      157.75979  (19121116)
        260211.87   4026792.82      174.79596  (19121116)                260226.72
4026826.34      178.89849  (19121116)
        260241.57   4026859.87      171.86369  (19121116)                259754.68
4026311.16       52.61577  (20122409)
        259875.60   4026357.14       51.59106  (20122409)                259910.15
4026370.27       51.53745  (20122409)
        260031.07   4026416.25       71.15783  (19121116)                260065.62
4026429.38       76.13533  (19121116)
        260100.17   4026442.52       78.72643  (19121116)                260134.71
4026455.65       79.25774  (19121116)
        260199.20   4026536.38       83.48481  (19121116)                260214.18
4026570.17       93.56054  (19121116)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                PAGE 718
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
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VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                 PHASE1      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        260229.15   4026603.97      110.34498  (19121116)               260244.12
4026637.76      127.56509  (19121116)
        260259.09   4026671.55      141.04141  (19121116)               260274.06
4026705.35      150.38830  (19121116)
        260289.03   4026739.14      150.98826  (19121116)               260304.00
4026772.94      144.45745  (19121116)
        260318.97   4026806.73      138.61985  (19121116)               260333.94
4026840.52      129.35287  (19121116)
        259751.01   4026211.03       48.13853  (20122409)               259784.60
4026223.80       49.71286  (20122409)
        259868.57   4026255.73       50.48341  (20122409)               259902.16
4026268.50       49.49214  (20122409)
        260036.52   4026319.58       52.71496  (20122409)               260070.11
4026332.35       59.92690  (19121116)
        260103.69   4026345.12       67.80345  (19121116)               260137.28
4026357.90       72.10897  (19121116)
        260170.87   4026370.67       72.94907  (19121116)               260221.26
4026389.82       72.57310  (19121116)
        260252.61   4026429.06       76.22852  (19121116)               260267.16
4026461.92       81.62179  (19121116)
        260281.71   4026494.77       91.56751  (19121116)               260296.27
4026527.63      103.90187  (19121116)
        260310.82   4026560.48      115.90842  (19121116)               260325.38
4026593.34      124.82607  (19121116)
        260339.93   4026626.19      131.20559  (19121116)               260354.49
4026659.05      131.26437  (19121116)
        260369.04   4026691.90      128.43751  (19121116)               260383.60
4026724.76      123.98295  (19121116)
        260398.15   4026757.62      116.39562  (19121116)               260412.71
4026790.47      107.88242  (19121116)
        260427.26   4026823.33       98.26223  (19121116)               260441.82
4026856.18       87.89971  (19121116)
        259715.72   4026205.24       46.45651  (20122409)               259744.88
4026011.23       40.54672  (20122409)
        259778.98   4026024.19       42.21022  (20122409)               259864.21
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4026056.60       43.54692  (20122409)
        259898.31   4026069.56       43.35206  (20122409)                259932.40
4026082.52       43.24212  (20122409)
        259966.50   4026095.49       43.40059  (20122409)                260000.59
4026108.45       44.15958  (20122409)
        260034.68   4026121.41       45.88148  (20122409)                260068.78
4026134.38       48.66092  (20122409)
        260102.87   4026147.34       51.38428  (20122409)                260136.97
4026160.30       53.75112  (20122409)
        260171.06   4026173.26       54.71192  (20122409)                260222.20
4026192.71       60.50876  (19121116)
        260341.53   4026238.08       66.63841  (19121116)                260383.01
4026267.72       70.85090  (19121116)
        260397.79   4026301.06       76.96241  (19121116)                260412.56
4026334.41       83.62265  (19121116)
        260427.33   4026367.76       91.57016  (19121116)                260442.11
4026401.11       99.64109  (19121116)
        260456.88   4026434.46      105.75914  (19121116)                260471.65
4026467.81      109.42463  (19121116)
        260486.43   4026501.16      109.75991  (19121116)                260501.20
4026534.51      105.86003  (19121116)
        260515.98   4026567.86       99.65375  (19121116)                260530.75
4026601.21       91.38144  (19121116)
        260545.52   4026634.56       83.66637  (19121116)                260560.30
4026667.91       76.93443  (19121116)
        260575.07   4026701.26       69.58341  (19121116)                260589.84
4026734.61       63.15236  (22010709)
        260604.62   4026767.96       58.35217  (22010709)                260619.39
4026801.30       52.96750  (22010709)
        260634.17   4026834.65       49.40027  (21122009)                259709.35
4026005.34       38.22035  (20122409)
        259738.67   4025811.39       33.65300  (20122409)                259773.09
4025824.48       36.16015  (20122409)
        259859.15   4025857.20       39.80165  (20122409)                259893.58
4025870.29       40.18147  (20122409)
        259928.00   4025883.38       39.97382  (20122409)                259962.42
4025896.47       39.91207  (20122409)
        259996.85   4025909.55       40.34481  (20122409)                260031.27
4025922.64       41.19008  (20122409)
        260065.69   4025935.73       42.39398  (20122409)                260100.12
4025948.82       44.38795  (20122409)
        260134.54   4025961.91       46.34173  (20122409)                260168.96
4025974.99       47.69404  (20122409)
        260341.08   4026040.43       54.44205  (19121116)                260375.50
4026053.52       57.87034  (19121116)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PHASE4 , PHASE3A , PHASE2A , PHASE3B , PHASE2B , PHASE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
260409.93	4026066.61	59.76775	(19121116)	260444.35	4026079.70	60.99650	(19121116)
260478.78	4026092.79	63.23580	(19121116)	260520.66	4026122.71	69.67319	(19121116)
260535.57	4026156.38	74.03852	(19121116)	260550.49	4026190.05	79.18488	(19121116)
260565.41	4026223.72	86.11232	(19121116)	260580.32	4026257.40	91.43984	(19121116)
260595.24	4026291.07	92.76335	(19121116)	260610.16	4026324.74	92.55121	(19121116)
260625.07	4026358.41	90.94138	(19121116)	260639.99	4026392.08	86.00381	(19121116)
260654.91	4026425.75	79.87740	(19121116)	260669.82	4026459.43	74.44815	(19121116)
260684.74	4026493.10	68.24311	(19121116)	260699.66	4026526.77	61.50704	(22010709)
260714.57	4026560.44	58.37252	(22010709)	260729.49	4026594.11	54.76889	(22010709)
260744.40	4026627.78	50.72138	(22010709)	260759.32	4026661.45	47.35693	(21122009)
260774.24	4026695.13	45.02361	(21122009)	260789.15	4026728.80	42.93249	(21122009)
260804.07	4026762.47	40.79569	(21122009)	260818.99	4026796.14	41.21151	(22120209)
260833.90	4026829.81	40.69781	(22120209)	259702.97	4025805.44	30.64067	(20122409)
259732.09	4025611.42	27.54987	(20122409)	259766.12	4025624.36	30.55809	(20122409)
259851.18	4025656.70	35.11654	(20122409)	259885.21	4025669.63	36.23739	(20122409)
259919.23	4025682.57	37.01523	(20122409)	259953.26			

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4025695.51       36.96419  (20122409)
        259987.28   4025708.44       36.97987  (20122409)                260021.31
4025721.38       37.39843  (20122409)
        260055.33   4025734.32       38.13485  (20122409)                260089.36
4025747.25       39.15339  (20122409)
        260123.38   4025760.19       40.36642  (20122409)                260157.41
4025773.13       41.48350  (20122409)
        260208.45   4025792.53       42.59906  (20122409)                260344.55
4025844.28       35.03696  (19120316)
        260378.57   4025857.22       38.48757  (19121116)                260412.60
4025870.15       44.03656  (19121116)
        260446.62   4025883.09       48.51613  (19121116)                260480.65
4025896.02       51.97216  (19121116)
        260514.67   4025908.96       54.53994  (19121116)                260548.70
4025921.90       56.50380  (19121116)
        260582.72   4025934.83       58.50355  (19121116)                260616.75
4025947.77       61.38174  (19121116)
        260658.15   4025977.35       66.75736  (19121116)                260672.89
4026010.63       71.07402  (19121116)
        260687.63   4026043.91       75.58239  (19121116)                260702.38
4026077.19       78.98720  (19121116)
        260717.12   4026110.48       81.00818  (19121116)                260731.86
4026143.76       81.37160  (19121116)
        260746.61   4026177.04       80.45905  (19121116)                260761.35
4026210.32       77.83879  (19121116)
        260776.10   4026243.60       73.53581  (19121116)                260790.84
4026276.89       68.03065  (19121116)
        260805.58   4026310.17       62.05633  (19121116)                260820.33
4026343.45       56.99061  (22010709)
        260835.07   4026376.73       55.05558  (22010709)                260849.82
4026410.01       52.42061  (22010709)
        260864.56   4026443.30       49.27564  (22010709)                260879.30
4026476.58       46.20726  (21122009)
        260894.05   4026509.86       44.69102  (21122009)                260908.79
4026543.14       42.76939  (21122009)
        260923.54   4026576.42       40.75715  (21122009)                260938.28
4026609.71       38.77963  (21122009)
        260953.02   4026642.99       37.58593  (22120209)                260967.77
4026676.27       38.76962  (22120209)
        260982.51   4026709.55       40.32155  (22120209)                260997.26
4026742.83       40.59596  (22120209)
        261012.00   4026776.12       40.03314  (22120209)                261026.74
4026809.40       39.12611  (22120209)
        261041.49   4026842.68       37.87715  (22120209)                259696.59
4025605.54       23.86973  (20122409)
        259725.84   4025411.57       21.62233  (20122409)                259760.11
4025424.60       24.92705  (20122409)
        259845.80   4025457.18       30.84967  (20122409)                259880.07
4025470.21       32.24362  (20122409)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   PHASE4   , PHASE3A
, PHASE2A   , PHASE3B   , PHASE2B   ,
                PHASE1   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        259914.35   4025483.24   33.26641 (20122409)   259948.62
4025496.27   33.83351 (20122409)
        259982.90   4025509.30   34.11233 (20122409)   260017.17
4025522.34   34.34696 (20122409)
        260051.45   4025535.37   34.80368 (20122409)   260085.72
4025548.40   35.45011 (20122409)
        260119.99   4025561.43   36.32657 (20122409)   260154.27
4025574.46   37.04544 (20122409)
        260205.68   4025594.01   37.81504 (20122409)   260291.37
4025626.59   36.52200 (20122409)
        260342.78   4025646.13   31.70314 (20122409)   260377.05
4025659.16   31.01871 (19120316)
        260411.33   4025672.20   32.39942 (19120316)   260445.60
4025685.23   34.45198 (19120316)
        260479.88   4025698.26   36.65885 (19120316)   260514.15
4025711.29   38.46810 (19120316)
        260548.43   4025724.32   42.44092 (19121116)   260582.70
4025737.35   45.93193 (19121116)
        260616.97   4025750.38   48.76955 (19121116)   260651.25
4025763.42   50.96905 (19121116)
        260685.52   4025776.45   53.36281 (19121116)   260719.80
4025789.48   56.27522 (19121116)
        260754.07   4025802.51   59.60253 (19121116)   260795.77
4025832.30   64.68852 (19121116)
        260810.63   4025865.83   68.03354 (19121116)   260825.48
4025899.36   70.65018 (19121116)
        260840.33   4025932.88   72.25235 (19121116)   260855.18

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4025966.41       72.15837  (19121116)
        260870.03   4025999.93       71.35801  (19121116)                260884.89
4026033.46       69.07001  (19121116)
        260899.74   4026066.98       65.93108  (19121116)                260914.59
4026100.51       61.74520  (19121116)
        260929.44   4026134.04       56.90993  (19121116)                260944.29
4026167.56       52.81936  (22010709)
        260959.14   4026201.09       51.72734  (22010709)                260974.00
4026234.61       49.78516  (22010709)
        260988.85   4026268.14       47.48638  (22010709)                261003.70
4026301.67       44.68689  (22010709)
        261018.55   4026335.19       42.42499  (21122009)                261033.40
4026368.72       41.62329  (21122009)
        261048.26   4026402.24       40.33326  (21122009)                261063.11
4026435.77       38.64125  (21122009)
        261077.96   4026469.29       36.85398  (21122009)                261092.81
4026502.82       34.98993  (21122009)
        261107.66   4026536.35       34.96447  (22120209)                261122.52
4026569.87       37.18825  (22120209)
        261137.37   4026603.40       38.57680  (22120209)                261152.22
4026636.92       39.22492  (22120209)
        261167.07   4026670.45       39.42475  (22120209)                261181.92
4026703.97       39.32127  (22120209)
        261196.78   4026737.50       38.64202  (22120209)                261211.63
4026771.03       37.47426  (22120209)
        261226.48   4026804.55       35.89135  (22120209)                261241.33
4026838.08       34.17237  (22120209)
        259690.21   4025405.64       18.05767  (20122409)                259694.18
4026881.02      147.02382  (19121116)
        259644.51   4026882.10      142.12938  (20010209)                259619.68
4026882.65      143.52764  (20010209)
        259643.97   4026857.11      135.08420  (20010209)                259619.13
4026857.65      137.14107  (20010209)
        259569.47   4026858.74      134.44975  (20010209)                259544.63
4026859.28      133.14508  (20010209)
        259519.80   4026859.82      132.17125  (20010209)                259470.13
4026860.91      133.27099  (20010209)
        259445.30   4026861.45      132.90341  (20010209)                259643.42
4026832.12      129.67895  (20010209)
        259618.59   4026832.66      132.67303  (20010209)                259544.09
4026834.29      127.27496  (20010209)
        259519.25   4026834.83      126.20120  (20010209)                259444.75
4026836.46      127.51914  (20010209)
        259667.71   4026806.58      112.60222  (20010209)                259642.87
4026807.12      122.09485  (20010209)
        259568.37   4026808.75      125.57397  (20010209)                259543.54
4026809.29      124.17757  (20010209)
        259469.04   4026810.92      124.85433  (20010209)                259444.21
4026811.46      123.04456  (20010209)
        259691.45   4026756.05       86.08653  (19121116)                259666.62
```

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   PHASE4   , PHASE3A
, PHASE2A   , PHASE3B   , PHASE2B   ,
                PHASE1   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

4026507.19 59.98525 (20122409)
259611.49 4026507.74 59.08315 (20010209) 259586.65
4026508.28 62.63131 (20010209)
259561.82 4026508.82 66.42489 (20010209) 259487.32
4026510.45 77.20774 (20010209)
259462.48 4026510.99 79.33834 (20010209) 259634.13
4026407.22 52.80111 (20122409)
259609.30 4026407.76 50.49394 (20122409) 259584.47
4026408.30 52.57092 (20010209)
259559.63 4026408.85 55.50671 (20010209) 259534.80
4026409.39 58.73534 (20010209)
259435.47 4026411.56 70.60164 (20010209) 259631.95
4026307.24 46.13476 (20122409)
259607.12 4026307.78 43.11104 (20010209) 259582.28
4026308.33 44.90407 (20010209)
259557.45 4026308.87 46.95468 (20010209) 259532.61
4026309.41 49.17922 (20010209)
259507.78 4026309.96 51.80631 (20010209) 259482.95
4026310.50 54.67944 (20010209)
259458.11 4026311.04 57.52876 (20010209) 259433.28
4026311.58 60.19766 (20010209)
259679.43 4026206.18 44.69674 (20122409) 259654.60
4026206.72 42.81530 (20122409)
259629.76 4026207.27 40.14830 (20122409) 259604.93
4026207.81 37.13345 (20010209)
259580.10 4026208.35 38.96681 (20010209) 259555.26
4026208.89 40.78949 (20010209)
259530.43 4026209.44 42.69734 (20010209) 259675.06
4026006.23 35.21166 (20122409)
259650.23 4026006.77 32.28672 (20122409) 259625.39
4026007.31 28.78023 (20122409)
259600.56 4026007.86 25.07672 (20122409) 259575.73
4026008.40 26.59357 (20010209)
259550.89 4026008.94 28.91948 (20010209) 259526.06
4026009.48 30.99794 (20010209)
259670.69 4025806.28 27.43429 (20122409) 259645.86
4025806.82 24.34688 (20122409)
259621.02 4025807.36 20.93660 (20122409) 259596.19
4025807.90 17.46288 (20122409)
259571.36 4025808.45 17.33865 (22011111) 259546.52
4025808.99 17.65974 (20010209)
259521.69 4025809.53 20.04807 (20010209) 259666.32
4025606.32 20.56808 (20122409)
259641.49 4025606.87 17.70643 (20122409) 259616.65
4025607.41 17.11601 (22011111)
259591.82 4025607.95 17.13069 (22011111) 259566.99
4025608.49 17.22671 (22011111)
259542.15 4025609.04 17.18305 (22011111) 259517.32
4025609.58 17.01358 (22011111)
259661.95 4025406.37 16.78500 (22011111) 259637.12

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PHASE4   , PHASE3A
, PHASE2A   , PHASE3B   , PHASE2B   ,
                PHASE1   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                               ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        259463.28   4025410.71   16.27482 (22011111)   259438.45
4025411.26   15.78716 (22011111)
        259413.62   4025411.80   15.22073 (22011111)   259422.19
4026953.67   138.48864 (20121509)
        259422.99   4026995.42   133.53515 (20121509)   259396.80
4026933.27   134.94363 (20121509)
        259397.59   4026975.02   129.28108 (20121509)   259398.39
4027016.78   136.66134 (20010209)
        259409.77   4026851.82   119.76420 (20010209)   259317.30
4026860.93   110.21131 (20121509)
        259331.22   4026825.36   100.65743 (22122116)   259355.67
4026799.88   96.79768 (20010209)
        259296.82   4026935.18   110.89572 (20121509)   259297.61
4026976.93   120.21402 (20121509)
        259298.41   4027018.68   139.60219 (20121509)   259354.57
4026749.90   97.01827 (20010209)
        259389.55   4026734.53   104.82999 (20010209)   259217.31
4026862.84   96.24584 (20121509)
        259231.23   4026827.26   96.50556 (20121509)   259245.15

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4026791.69       91.84971  (22122116)
        259259.07   4026756.11       86.66058  (22122116)                259283.52
4026730.64       78.47574  (20010209)
        259370.97   4026692.23       98.10627  (20010209)                259405.95
4026676.86       99.08254  (20010209)
        259196.83   4026937.09      106.27897  (20121509)                259197.63
4026978.84      114.14279  (20121509)
        259198.43   4027020.59      114.11147  (20121509)                259169.22
4026858.94       92.02666  (20121509)
        259184.41   4026820.13       90.61697  (20121509)                259199.59
4026781.32       86.67473  (22122116)
        259214.78   4026742.51       85.25145  (22122116)                259249.04
4026695.31       72.86112  (22122116)
        259287.20   4026678.55       79.47113  (20010209)                259325.36
4026661.79       87.97225  (20010209)
        259401.68   4026628.27       92.51322  (20010209)                259146.84
4026938.04      105.04027  (20121509)
        259147.64   4026979.79      108.29538  (20121509)                259148.44
4027021.55      108.27917  (20121509)
        259213.78   4026609.86       66.06816  (20010209)                259251.10
4026593.47       72.64472  (20010209)
        259288.41   4026577.09       78.75852  (20010209)                259325.72
4026560.70       83.44698  (20010209)
        259363.03   4026544.31       83.48607  (20010209)                258968.46
4026864.80       86.35751  (20121509)
        258983.11   4026827.35       82.87111  (20121509)                258997.76
4026789.90       78.30698  (20121509)
        259012.42   4026752.45       76.87612  (20121509)                259027.07
4026715.00       75.22424  (22122116)
        259041.72   4026677.55       74.05388  (22122116)                259056.37
4026640.10       71.91187  (22122116)
        259071.02   4026602.65       67.52193  (22122116)                259104.09
4026557.11       56.08928  (22122116)
        259140.91   4026540.94       53.66908  (20010209)                259177.73
4026524.76       61.23660  (20010209)
        259251.37   4026492.42       72.33686  (20010209)                259288.19
4026476.25       74.97602  (20010209)
        259325.01   4026460.08       76.36529  (20010209)                259361.83
4026443.90       76.49235  (20010209)
        259398.65   4026427.73       74.20058  (20010209)                258946.88
4026941.86       84.57936  (20121509)
        258947.68   4026983.61       83.08641  (20121509)                258948.47
4027025.36       80.63713  (20121509)
        259070.77   4026470.81       42.39547  (20010209)                259108.93
4026454.05       50.95672  (20010209)
        259147.09   4026437.29       58.05101  (20010209)                259185.25
4026420.53       64.12823  (20010209)
        259223.41   4026403.76       67.65205  (20010209)                259299.72
4026370.24       71.14646  (20010209)
        259337.88   4026353.48       70.23932  (20010209)                259376.04
```

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PHASE4   , PHASE3A
, PHASE2A   , PHASE3B   , PHASE2B   ,
                PHASE1   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        258903.91   4026522.49   61.22401 (22122116)   258918.90
4026484.17   56.93961 (22122116)
        258933.90   4026445.86   49.97891 (22122116)   258960.23
4026418.42   43.54136 (22122116)
        258997.89   4026401.88   36.56759 (22122116)   259035.56
4026385.33   40.35668 (20010209)
        259110.90   4026352.24   54.67011 (20010209)   259148.57
4026335.70   60.04094 (20010209)
        259186.24   4026319.15   63.98407 (20010209)   259223.91
4026302.61   66.16825 (20010209)
        259261.58   4026286.06   66.56111 (20010209)   259299.25
4026269.52   65.48905 (20010209)
        258746.92   4026945.67   68.27155 (18012309)   258747.71
4026987.42   73.83769 (18012309)
        258748.51   4027029.18   75.99777 (18012309)   258554.15

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4026909.20       63.95560  (18012309)
        258569.33   4026870.39       57.09481  (18012309)                258584.52
4026831.58       58.81081  (20121509)
        258599.70   4026792.76       62.06804  (20121509)                258614.89
4026753.95       64.32646  (20121509)
        258630.07   4026715.14       64.61393  (20121509)                258645.26
4026676.33       64.23689  (20121509)
        258660.44   4026637.51       62.52196  (20121509)                258675.63
4026598.70       59.96356  (20121509)
        258690.81   4026559.89       58.11544  (22122116)                258706.00
4026521.08       58.27691  (22122116)
        258721.18   4026482.26       57.35341  (22122116)                258736.36
4026443.45       55.83193  (22122116)
        258751.55   4026404.64       53.53299  (22122116)                258766.73
4026365.83       49.47324  (22122116)
        258781.92   4026327.01       43.51322  (22122116)                258816.18
4026279.82       34.02417  (22122116)
        258854.34   4026263.06       28.36503  (22122116)                258892.50
4026246.30       23.42393  (22122116)
        258968.82   4026212.78       37.80591  (20010209)                259006.98
4026196.02       44.31778  (20010209)
        259045.14   4026179.26       49.86768  (20010209)                259083.30
4026162.50       54.21918  (20010209)
        259121.45   4026145.74       57.11991  (20010209)                259159.61
4026128.98       58.35408  (20010209)
        258546.95   4026949.49       68.72837  (18012309)                258547.75
4026991.24       72.96368  (18012309)
        258548.55   4027032.99       74.28866  (18012309)                258354.06
4026913.33       68.64203  (18012309)
        258369.00   4026875.15       61.80714  (18012309)                258383.94
4026836.97       52.45766  (18012309)
        258398.87   4026798.79       46.72863  (20121509)                258413.81
4026760.61       51.68761  (20121509)
        258428.75   4026722.43       55.13163  (20121509)                258443.69
4026684.24       57.44059  (20121509)
        258458.63   4026646.06       58.59084  (20121509)                258473.56
4026607.88       58.74829  (20121509)
        258488.50   4026569.70       57.96210  (20121509)                258503.44
4026531.52       56.18086  (20121509)
        258518.38   4026493.34       53.07076  (20121509)                258533.31
4026455.15       52.09029  (22122116)
        258548.25   4026416.97       52.72728  (22122116)                258563.19
4026378.79       52.33080  (22122116)
        258578.13   4026340.61       51.39295  (22122116)                258593.07
4026302.43       49.37314  (22122116)
        258608.00   4026264.25       45.77179  (22122116)                258622.94
4026226.07       41.49581  (22122116)
        258637.88   4026187.88       36.25501  (22122116)                258671.59
4026141.46       28.05578  (22122116)
        258709.13   4026124.97       23.43770  (22122116)                258746.66
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4026300.28       48.34187  (22122116)
        258410.52   4026261.73       48.17144  (22122116)                258425.60
4026223.19       46.98593  (22122116)
        258440.68   4026184.65       44.60775  (22122116)                258455.76
4026146.11       41.62580  (22122116)
        258470.83   4026107.56       37.73540  (22122116)                258485.91
4026069.02       32.99788  (22122116)
        258500.99   4026030.48       27.90910  (22122116)                258527.48
4026002.88       23.30009  (22122116)
        258565.37   4025986.24       19.36905  (22122116)                258603.27
4025969.59       16.46429  (18121209)
        258641.16   4025952.95       16.13859  (18121209)                258679.06
4025936.31       17.97401  (18120709)
        258716.95   4025919.66       19.66665  (18120709)                258754.84
4025903.02       22.62163  (20010209)
        258792.74   4025886.37       28.04690  (20010209)                258830.63
4025869.73       33.32501  (20010209)
        258868.52   4025853.09       38.06399  (20010209)                258147.02
4026957.12       70.09995  (18012309)
        258147.82   4026998.87       74.05554  (18012309)                258148.62
4027040.62       74.41945  (18012309)
        257954.26   4026920.65       72.43887  (18012309)                257969.44
4026881.84       69.04189  (18012309)
        257984.63   4026843.02       64.13396  (18012309)                257999.81
4026804.21       58.22039  (18012309)
        258014.99   4026765.40       49.67029  (18012309)                258030.18
4026726.59       41.01486  (18012309)
        258045.36   4026687.77       31.82822  (18012309)                258060.55
4026648.96       35.74992  (20121509)
        258075.73   4026610.15       40.47357  (20121509)                258090.92
4026571.33       44.10747  (20121509)
        258106.10   4026532.52       46.71434  (20121509)                258121.29
4026493.71       48.39457  (20121509)
        258136.47   4026454.90       49.14848  (20121509)                258151.66
4026416.08       48.96596  (20121509)
        258166.84   4026377.27       47.88113  (20121509)                258182.03
4026338.46       45.84247  (20121509)
        258197.21   4026299.65       42.91066  (20121509)                258212.40
4026260.83       41.96259  (22122116)
        258227.58   4026222.02       43.44071  (22122116)                258242.77
4026183.21       44.35473  (22122116)
        258257.95   4026144.40       44.22692  (22122116)                258273.14
4026105.58       43.07098  (22122116)
        258288.32   4026066.77       40.93830  (22122116)                258303.51
4026027.96       37.69758  (22122116)
        258318.69   4025989.14       34.17947  (22122116)                258333.88
4025950.33       29.99861  (22122116)
        258349.06   4025911.52       25.49849  (22122116)                258383.33
4025864.33       19.59110  (22122116)
        258421.49   4025847.57       16.33559  (22021109)                258459.64
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4025830.81       16.12135  (18121209)
        258497.80   4025814.05       15.82603  (18121209)                258535.96
4025797.28       15.24402  (18121209)
        258574.12   4025780.52       17.24617  (18120709)                258612.28
4025763.76       19.21048  (18120709)
        258650.44   4025747.00       20.70536  (18120709)                258688.60
4025730.24       22.68378  (20010209)
        258726.76   4025713.48       27.58128  (20010209)                258764.92
4025696.72       32.11840  (20010209)
        258803.07   4025679.96       36.11552  (20010209)                258841.23
4025663.20       39.37273  (20010209)
        258879.39   4025646.44       41.66825  (20010209)                258917.55
4025629.68       42.92700  (20010209)
        258955.71   4025612.92       43.32605  (20010209)                258993.87
4025596.16       42.80755  (20010209)
        259032.03   4025579.40       41.45143  (20010209)                259070.19
4025562.64       39.40649  (20010209)
        259108.35   4025545.88       36.80410  (20010209)                259146.50
4025529.12       34.04120  (20010209)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 725
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                PHASE1      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        259184.66   4025512.36       31.05857  (20010209)                259222.82
4025495.60       28.02499  (20010209)
        259260.98   4025478.84       24.82768  (20010209)                259299.14
4025462.08       21.49988  (20010209)
        259337.30   4025445.32       18.07093  (20010209)                259375.46
4025428.56       14.56095  (20010209)
        257947.06   4026960.93       74.39158  (18012309)                257947.86
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4027002.69       75.69417  (18012309)
        257948.65   4027044.44       75.08372  (18012309)                259440.80
4026786.83      117.16090  (20010209)
        259379.45   4026788.79      107.17884  (20010209)                259436.01
4026636.90       93.57417  (20010209)
        259432.81   4026536.95       82.99008  (20010209)                259426.43
4026337.06       63.38451  (20010209)
        259420.04   4026137.16       47.40082  (20010209)                259379.14
4026138.47       51.17641  (20010209)
        259413.66   4025937.26       35.48309  (20010209)                259372.76
4025938.57       38.59174  (20010209)
        259407.27   4025737.36       25.88617  (20010209)                259366.37
4025738.67       28.95075  (20010209)
        259400.88   4025537.46       17.13443  (20010209)                259359.98
4025538.77       20.32876  (20010209)
        259359.62   4026838.10      104.61134  (22122116)                259400.71
4026338.79       65.79010  (20010209)
        259330.90   4027040.02      150.58238  (20121509)                259334.08
4027080.58      152.97505  (20121509)
        259338.10   4026995.92      127.57851  (20121509)                259305.97
4027041.98      143.74662  (20121509)
        259309.16   4027082.54      145.52225  (20121509)                259338.57
4026970.92      117.62847  (20121509)
        259282.64   4027064.21      136.56601  (20121509)                259285.83
4027104.77      137.67187  (20121509)
        259320.38   4026953.78      113.35663  (20121509)                259259.31
4027086.45      129.71619  (20121509)
        259219.74   4027011.60      119.38883  (20121509)                259233.19
4026973.40      117.16085  (20121509)
        259206.28   4027049.81      115.42733  (20121509)                259209.47
4027090.37      115.64652  (20121509)
        259176.62   4026996.42      112.55070  (20121509)                259156.43
4027053.73      108.82515  (20121509)
        259159.62   4027094.29      107.11537  (20121509)                259113.32
4027038.54      102.21559  (20121509)
        259126.77   4027000.33      105.13012  (20121509)                259192.54
4026858.76       93.57530  (20121509)
        259267.22   4026827.36       99.74907  (20121509)                259108.18
4027077.92       99.14956  (20121509)
        259111.37   4027118.48       95.75697  (20121509)                259090.38
4026966.04       99.95905  (20121509)
        259103.84   4026927.84      100.18679  (20121509)                259117.29
4026889.63       96.34504  (20121509)
        259130.75   4026851.43       91.37984  (20121509)                259156.15
4026824.47       89.80063  (20121509)
        259212.16   4026800.92       90.66456  (20121509)                259268.17
4026777.37       91.42753  (22122116)
        259058.33   4027081.84       91.07214  (20121509)                259061.52
4027122.40       87.60771  (20121509)
        258963.78   4027050.29       80.21516  (20121509)                258977.23
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4027012.08       85.03699  (20121509)
        258990.69   4026973.88       88.25545  (20121509)                259004.15
4026935.67       90.48441  (20121509)
        259031.06   4026859.26       87.84459  (20121509)                259044.51
4026821.05       83.02719  (20121509)
        259057.97   4026782.85       80.76791  (20121509)                259083.37
4026755.89       80.11725  (20121509)
        259176.72   4026716.64       80.57524  (22122116)                259214.06
4026700.94       77.26774  (22122116)
        258958.64   4027089.67       75.28915  (20121509)                258961.83
4027130.23       76.38121  (18012309)
        258884.27   4027000.81       75.08507  (20121509)                258897.72
4026962.61       78.92928  (20121509)
        258911.18   4026924.40       81.68264  (20121509)                258924.64
4026886.19       83.37525  (20121509)
        258938.09   4026847.99       83.41869  (20121509)                258951.55
4026809.78       80.95567  (20121509)
        258965.01   4026771.58       77.23051  (20121509)                258978.46
4026733.37       75.37712  (20121509)
        259010.59   4026687.32       73.27702  (22122116)                259066.60
4026663.76       74.25736  (22122116)
        259103.94   4026648.06       72.90976  (22122116)                259141.27
4026632.36       68.72522  (22122116)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                  PAGE 726
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                PHASE1      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        258857.36   4027077.22       76.53169  (18012309)                258860.54
4027117.78       76.53736  (18012309)
        258764.39   4027065.95       76.39435  (18012309)                258777.85
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        258791.30   4026989.54       73.36607  (18012309)                258804.76
4026951.34       70.31857  (20121509)
        258818.22   4026913.13       73.83151  (20121509)                258831.67
4026874.92       76.00240  (20121509)
        258845.13   4026836.72       77.24626  (20121509)                258858.59
4026798.51       76.62311  (20121509)
        258872.04   4026760.31       73.89252  (20121509)                258885.50
4026722.10       70.68151  (20121509)
        258898.95   4026683.90       69.15978  (22122116)                258912.41
4026645.69       68.18248  (22122116)
        258937.81   4026618.74       67.48458  (22122116)                259012.49
4026587.33       67.07307  (22122116)
        259049.83   4026571.63       63.83543  (22122116)                258759.26
4027105.34       76.38353  (18012309)
        258762.44   4027145.90       76.66078  (18012309)                258684.88
4027016.48       74.45131  (18012309)
        258698.34   4026978.27       72.60825  (18012309)                258711.80
4026940.07       67.90939  (18012309)
        258725.25   4026901.86       66.21461  (20121509)                258738.71
4026863.65       69.02799  (20121509)
        258752.16   4026825.45       70.80377  (20121509)                258765.62
4026787.24       71.40900  (20121509)
        258779.08   4026749.04       70.81947  (20121509)                258792.53
4026710.83       68.51024  (20121509)
        258805.99   4026672.63       65.67136  (20121509)                258819.45
4026634.42       63.92984  (22122116)
        258832.90   4026596.21       64.02182  (22122116)                258865.03
4026550.16       62.55003  (22122116)
        258939.71   4026518.75       60.16689  (22122116)                258977.05
4026503.05       55.98465  (22122116)
        258657.97   4027092.89       76.39507  (18012309)                258661.16
4027133.45       76.80608  (18012309)
        258465.31   4027089.45       76.59085  (18012309)                258485.50
4027032.14       73.04298  (18012309)
        258498.95   4026993.94       71.69722  (18012309)                258512.41
4026955.73       68.72960  (18012309)
        258525.87   4026917.52       64.72081  (18012309)                258539.32
4026879.32       58.11324  (18012309)
        258552.78   4026841.11       55.60560  (20121509)                258566.24
4026802.91       59.06533  (20121509)
        258579.69   4026764.70       61.93338  (20121509)                258593.15
4026726.50       63.49758  (20121509)
        258606.60   4026688.29       63.81760  (20121509)                258620.06
4026650.09       62.90145  (20121509)
        258633.52   4026611.88       60.76315  (20121509)                258646.97
4026573.67       58.09979  (20121509)
        258660.43   4026535.47       56.56995  (22122116)                258673.89
4026497.26       56.85051  (22122116)
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        258850.15   4026358.04       43.27407  (22122116)                258924.83
4026326.64       31.51334  (22122116)
        258962.17   4026310.94       31.03094  (20010209)                258999.51
4026295.24       38.72517  (20010209)
        259036.85   4026279.54       45.70276  (20010209)                259074.19
4026263.84       51.65918  (20010209)
        259167.54   4026224.58       61.13800  (20010209)                259204.87
4026208.88       62.35740  (20010209)
        259242.21   4026193.18       62.09646  (20010209)                259279.55
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        259316.89   4026161.77       58.04500  (20010209)                259354.23
4026146.07       53.88334  (20010209)
        258460.18   4027128.83       77.02833  (18012309)                258463.36
4027169.39       76.35285  (18012309)
        258265.93   4027105.12       75.43717  (18012309)                258279.38
4027066.91       75.21450  (18012309)
        258292.84   4027028.70       75.10825  (18012309)                258306.30
4026990.50       73.98335  (18012309)
        258319.75   4026952.29       71.52437  (18012309)                258339.94
4026894.98       66.22296  (18012309)
        258353.39   4026856.78       58.72167  (18012309)                258366.85
4026818.57       50.03421  (18012309)
        258380.31   4026780.37       47.21964  (20121509)                258393.76
4026742.16       51.63200  (20121509)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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                                 PAGE 727
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                PHASE1      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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        258322.21   4026394.87       47.99766  (20121509)                258335.67
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        258349.12   4026318.46       46.64662  (22122116)                258362.58
4026280.26       47.43783  (22122116)
        258376.04   4026242.05       47.34754  (22122116)                258389.49
4026203.84       46.36649  (22122116)
        258402.95   4026165.64       44.41541  (22122116)                258428.35
4026138.69       41.97727  (22122116)
        258503.02   4026107.28       35.95648  (22122116)                258540.36
4026091.58       31.66385  (22122116)
        258577.70   4026075.88       27.29454  (22122116)                258615.04
4026060.18       23.05097  (22122116)
        258652.38   4026044.48       19.39596  (22122116)                258689.72
4026028.77       16.49925  (18121209)
        258727.06   4026013.07       18.05187  (18120709)                258764.40
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        258801.74   4025981.67       24.70089  (20010209)                258876.41
4025950.27       35.67969  (20010209)
        258913.75   4025934.56       40.45181  (20010209)                258951.09
4025918.86       44.48182  (20010209)
        258988.43   4025903.16       47.48932  (20010209)                259025.77
4025887.46       49.26964  (20010209)
        259063.11   4025871.76       49.90771  (20010209)                259100.45
4025856.06       49.49550  (20010209)
        259137.79   4025840.35       48.04701  (20010209)                259175.13
4025824.65       45.65602  (20010209)
        259212.47   4025808.95       42.98933  (20010209)                259249.80
4025793.25       39.87173  (20010209)
        259287.14   4025777.55       36.49574  (20010209)                259324.48
4025761.85       32.98598  (20010209)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 728
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                PHASE1      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                               ** CONC OF OTHER    IN MICROGRAMS/M**3
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      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
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        259122.91   4025648.24       40.52549  (20010209)                259160.25
4025632.54       37.88465  (20010209)
        259197.59   4025616.84       35.02058  (20010209)                259234.93
4025601.14       31.81701  (20010209)
        259272.27   4025585.44       28.55657  (20010209)                259309.61
4025569.73       25.38102  (20010209)
        257862.02   4027175.83       70.29143  (18012309)                257865.21
4027216.39       66.84782  (18012309)
        259335.94   4027123.45      154.05931  (20121509)                259336.28
4027147.64      154.23742  (20121509)
        259336.62   4027171.84      154.07318  (20121509)                259336.96
4027196.03      147.14974  (20121509)
        259337.30   4027220.23      145.15150  (20121509)                259337.64
4027244.43      142.41441  (20121509)
        259337.98   4027268.62      140.28369  (20121509)                259310.94
4027123.80      145.61701  (20121509)
        259311.28   4027147.99      144.02879  (20121509)                259311.62
4027172.19      141.57703  (20121509)
        259311.96   4027196.39      141.70916  (20121509)                259312.30
4027220.58      140.30965  (20121509)
        259312.64   4027244.78      136.33265  (20121509)                259312.98
4027268.97      133.00157  (20121509)
        259286.29   4027148.35      133.88732  (20121509)                259286.63
4027172.54      133.52032  (20121509)
        259286.97   4027196.74      134.99172  (20121509)                259287.31
4027220.93      133.60496  (20121509)
        259287.65   4027245.13      130.79020  (20121509)                259287.99
4027269.32      125.95042  (20121509)
        259260.95   4027124.50      128.52430  (20121509)                259261.29
4027148.70      126.58541  (20121509)
        259261.63   4027172.89      125.88874  (20121509)                259261.97
4027197.09      126.36251  (20121509)
↟ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                  PAGE 729
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                PHASE1      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
259262.31	4027221.28	125.70370	(20121509)	259262.65	4027245.48	122.09921	(20121509)
259262.99	4027269.68	119.50105	(21120616)	259210.95	4027125.20	114.98580	(20121509)
259211.29	4027149.40	113.88255	(20121509)	259211.63	4027173.59	112.43485	(20121509)
259211.97	4027197.79	111.47814	(20121509)	259212.31	4027221.99	109.79502	(21120616)
259212.65	4027246.18	110.54963	(21120616)	259212.99	4027270.38	110.56488	(21120616)
259160.96	4027125.91	104.64382	(20121509)	259161.30	4027150.10	103.23227	(20121509)
259161.64	4027174.30	101.49813	(20121509)	259161.98	4027198.49	98.57741	(20121509)
259162.32	4027222.69	100.65298	(21120616)	259162.66	4027246.88	101.03670	(21120616)
259163.00	4027271.08	101.56901	(21120616)	259111.30	4027150.80	92.14009	(20121509)
259111.64	4027175.00	89.80819	(20121509)	259111.98	4027199.20	91.39755	(21120616)
259112.32	4027223.39	93.64929	(21120616)	259112.66	4027247.59	95.05655	(21120616)
259113.00	4027271.78	95.85273	(21120616)	259061.31	4027151.51	83.80529	(20121509)
259061.65	4027175.70	82.28894	(21120616)	259061.99	4027199.90	85.37691	(21120616)
259062.33	4027224.09	87.67474	(21120616)	259062.67	4027248.29	89.23454	(21120616)
259063.01	4027272.49	90.18696	(21120616)	258961.32	4027152.91	76.55010	(18012309)
258961.66	4027177.11	76.41904	(18012309)	258962.00	4027201.30	76.71172	(18012309)
258962.34	4027225.50	78.65283	(21120616)	258962.68	4027249.69	80.87115	(21120616)
258963.02	4027273.89	82.64242	(21120616)	258861.33	4027154.32	76.76327	(18012309)
258861.67	4027178.51	76.75201	(18012309)	258862.01	4027202.71	77.22491	(18012309)
258862.35	4027226.90	77.33099	(18012309)	258862.69	4027251.10	77.51360	(18012309)
258863.03	4027275.30	77.57844	(18012309)	258761.68			

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4027179.92       76.73135  (18012309)
        258762.02   4027204.11       77.08770  (18012309)                258762.36
4027228.31       77.30119  (18012309)
        258762.70   4027252.50       77.14871  (18012309)                258763.04
4027276.70       77.18921  (18012309)
        258661.35   4027157.13       76.99803  (18012309)                258661.69
4027181.32       77.24040  (18012309)
        258662.03   4027205.52       77.41417  (18012309)                258662.37
4027229.71       77.41450  (18012309)
        258662.71   4027253.91       77.06671  (18012309)                258663.05
4027278.11       76.42729  (18012309)
        258462.05   4027208.33       74.08933  (18012309)                258462.39
4027232.52       72.75959  (18012309)
        258462.73   4027256.72       72.37505  (18012309)                258463.07
4027280.92       71.62279  (18012309)
        258262.07   4027211.14       72.78370  (18012309)                258262.41
4027235.33       71.17662  (18012309)
        258262.75   4027259.53       68.90079  (18012309)                258263.09
4027283.73       67.82858  (18012309)
        258062.43   4027238.14       67.44304  (18012309)                258062.77
4027262.34       63.53952  (18012309)
        258063.11   4027286.54       59.05839  (18012309)                257862.45
4027240.95       63.50116  (18012309)
        257862.79   4027265.15       59.65367  (18012309)                257863.13
4027289.35       54.79744  (18012309)
        259338.18   4027292.34      141.70757  (20121509)                259338.38
4027316.19      145.90667  (20121509)
        259338.58   4027340.05      147.70348  (20010709)                259313.18
4027292.55      133.29491  (20121509)
        259313.38   4027316.40      138.91340  (21120616)                259313.58
4027340.26      140.37086  (21120616)
        259288.18   4027292.76      122.80138  (21120616)                259288.38
4027316.61      126.10902  (21120616)
        259288.58   4027340.47      132.21726  (21120616)                259263.18
4027292.96      117.23500  (21120616)
        259263.38   4027316.82      117.69859  (21120616)                259263.58
4027340.68      124.61092  (21120616)
        259213.19   4027293.38      110.90241  (21120616)                259213.39
4027317.24      112.07257  (21120616)
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                PAGE 730
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     PHASE4      , PHASE3A
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, PHASE2A     , PHASE3B     , PHASE2B     ,
                PHASE1      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - -
        259213.59   4027341.10      113.64516  (21120616)               259163.19
4027293.80      103.20233  (21120616)
        259163.39   4027317.66      105.27617  (21120616)               259163.59
4027341.52      106.17926  (21120616)
        259113.19   4027294.22       96.25046  (21120616)               259113.39
4027318.08       96.63385  (21120616)
        259113.59   4027341.94       97.84752  (21120616)               259063.39
4027318.50       90.97742  (21120616)
        259063.59   4027342.35       92.14457  (21120616)               258963.39
4027319.34       84.06457  (21120616)
        258963.59   4027343.19       84.27172  (21120616)               258863.40
4027320.17       76.53933  (21120616)
        258863.60   4027344.03       76.96117  (21120616)               258763.40
4027321.01       75.19247  (18012309)
        258763.60   4027344.87       72.57843  (18012309)               258663.40
4027321.85       73.11160  (18012309)
        258663.60   4027345.71       69.98599  (18012309)               258463.41
4027323.53       67.47016  (18012309)
        258463.61   4027347.38       62.93896  (18012309)               258263.42
4027325.20       61.14981  (18012309)
        258263.62   4027349.06       55.99484  (18012309)               258063.43
4027326.88       51.28266  (18012309)
        258063.63   4027350.74       45.83847  (18012309)               257863.43
4027328.56       45.52639  (18012309)
        257863.63   4027352.41       40.26074  (18012309)               259339.22
4027365.21      153.07631  (20010709)
        259339.86   4027389.95      157.46402  (20010709)               259340.50
4027414.68      161.34080  (20010709)
        259341.13   4027439.41      164.08937  (20010709)               259341.77
4027464.14      166.19234  (20010709)
        259342.40   4027488.87      168.89413  (20010709)               259343.04
4027513.60      172.08505  (20010709)
        259343.68   4027538.33      174.11314  (20010709)               259344.31
4027563.06      165.86570  (20010709)
        259344.95   4027587.80      154.55220  (20010709)               259345.58
4027612.53      144.79083  (20010709)
        259346.22   4027637.26      136.99352  (20010709)               259346.86
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4027661.99      130.78812  (20010709)
        259347.49   4027686.72      125.33178  (20010709)                259348.13
4027711.45      119.32218  (20010709)
        259314.23   4027365.86      140.20981  (21120616)                259314.87
4027390.59      140.89142  (21120616)
        259315.50   4027415.32      142.75173  (20010709)                259316.14
4027440.05      146.39377  (20010709)
        259316.78   4027464.78      149.42962  (20010709)                259317.41
4027489.51      152.00357  (20010709)
        259318.05   4027514.24      154.61306  (20010709)                259318.68
4027538.98      157.57790  (20010709)
        259319.32   4027563.71      158.36301  (20010709)                259319.96
4027588.44      153.02757  (20010709)
        259320.59   4027613.17      144.75473  (20010709)                259321.23
4027637.90      136.85797  (20010709)
        259321.86   4027662.63      130.24386  (20010709)                259322.50
4027687.36      124.57680  (20010709)
        259323.14   4027712.10      119.40878  (20010709)                259289.24
4027366.50      132.82019  (21120616)
        259289.88   4027391.23      133.11048  (21120616)                259290.51
4027415.96      133.88919  (21120616)
        259291.15   4027440.69      132.60782  (21120616)                259291.78
4027465.42      134.00270  (21120616)
        259292.42   4027490.16      136.55889  (20010709)                259293.06
4027514.89      138.88971  (20010709)
        259293.69   4027539.62      141.66498  (20010709)                259294.33
4027564.35      144.74938  (20010709)
        259294.96   4027589.08      145.33024  (20010709)                259295.60
4027613.81      141.99723  (20010709)
        259296.24   4027638.54      136.08782  (20010709)                259296.87
4027663.28      129.84452  (20010709)
        259297.51   4027688.01      124.27945  (20010709)                259298.14
4027712.74      119.26384  (20010709)
        259264.25   4027367.14      126.01034  (21120616)                259264.89
4027391.87      126.62188  (21120616)
        259265.52   4027416.60      126.70247  (21120616)                259266.16
4027441.34      124.99003  (21120616)
        259266.79   4027466.07      125.67965  (21120616)                259267.43
4027490.80      126.23552  (21120616)
        259268.07   4027515.53      125.80771  (20010709)                259268.70
4027540.26      128.40758  (20010709)
        259269.34   4027564.99      131.41923  (20010709)                259269.97
4027589.72      133.87564  (20010709)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                        ***        18:20:08

                                  PAGE 731
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PHASE4 , PHASE3A , PHASE2A , PHASE3B , PHASE2B , PHASE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
259270.61	4027614.46	134.62682	(20010709)	259271.25	4027639.19	132.54948	(20010709)
259271.88	4027663.92	128.44274	(20010709)	259272.52	4027688.65	123.64901	(20010709)
259273.15	4027713.38	118.94861	(20010709)	259214.27	4027368.43	114.36433	(21120616)
259214.90	4027393.16	114.59383	(21120616)	259215.54	4027417.89	113.27807	(21120616)
259216.17	4027442.62	111.28284	(21120616)	259216.81	4027467.35	113.08063	(21120616)
259217.45	4027492.08	113.74892	(21120616)	259218.08	4027516.82	107.58730	(21120616)
259218.72	4027541.55	106.86180	(20010709)	259219.35	4027566.28	108.09757	(20010709)
259219.99	4027591.01	109.65447	(20010709)	259220.63	4027615.74	113.52414	(20010709)
259221.26	4027640.47	116.13386	(20010709)	259221.90	4027665.20	117.93682	(20010709)
259222.53	4027689.93	117.59962	(20010709)	259223.17	4027714.67	115.86318	(20010709)
259164.28	4027369.71	106.40569	(21120616)	259164.92	4027394.44	106.54572	(21120616)
259165.55	4027419.18	106.71592	(21120616)	259166.19	4027443.91	106.91885	(21120616)
259166.83	4027468.64	106.81042	(21120616)	259167.46	4027493.37	105.37071	(21120616)
259168.10	4027518.10	99.62685	(21120616)	259168.73	4027542.83	91.53816	(22121909)
259169.37	4027567.56	92.01090	(22121909)	259170.01	4027592.29	92.92098	(20010709)
259170.64	4027617.03	97.30310	(20010709)	259171.28	4027641.76	100.76462	(20010709)
259171.91	4027666.49	103.36713	(20010709)	259172.55			

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4027691.22      105.37676  (20010709)
        259173.19   4027715.95      106.56294  (20010709)                259114.30
4027371.00       98.96488  (21120616)
        259114.93   4027395.73       99.55924  (21120616)                259115.57
4027420.46       99.55584  (21120616)
        259116.21   4027445.19       99.40428  (21120616)                259116.84
4027469.92       99.22754  (21120616)
        259117.48   4027494.65       97.80641  (21120616)                259118.11
4027519.39       93.87010  (21120616)
        259118.75   4027544.12       85.97709  (21120616)                259119.39
4027568.85       85.08089  (22121909)
        259120.02   4027593.58       86.29185  (22121909)                259120.66
4027618.31       86.38494  (22121909)
        259121.29   4027643.04       85.73318  (20010709)                259121.93
4027667.77       88.72325  (20010709)
        259122.57   4027692.51       91.44935  (20010709)                259123.20
4027717.24       93.80427  (20010709)
        259064.32   4027372.28       93.09046  (21120616)                259064.95
4027397.02       93.72771  (21120616)
        259065.59   4027421.75       93.61671  (21120616)                259066.22
4027446.48       93.39471  (21120616)
        259066.86   4027471.21       93.29391  (21120616)                259067.50
4027495.94       92.45199  (21120616)
        259068.13   4027520.67       88.81392  (21120616)                259068.77
4027545.40       82.48622  (21120616)
        259069.40   4027570.13       77.51351  (22121909)                259070.04
4027594.87       79.41741  (22121909)
        259070.68   4027619.60       80.43155  (22121909)                259071.31
4027644.33       80.51098  (22121909)
        259071.95   4027669.06       79.15299  (22121909)                259072.58
4027693.79       77.88029  (20010709)
        259073.22   4027718.52       80.82476  (20010709)                258964.35
4027374.85       84.37830  (21120616)
        258964.98   4027399.59       84.28950  (21120616)                258965.62
4027424.32       84.39976  (21120616)
        258966.26   4027449.05       84.47808  (21120616)                258966.89
4027473.78       83.92689  (21120616)
        258967.53   4027498.51       82.68088  (21120616)                258968.16
4027523.24       80.57340  (21120616)
        258968.80   4027547.97       76.52854  (21120616)                258969.44
4027572.71       70.66825  (21120616)
        258970.07   4027597.44       66.37406  (22121909)                258970.71
4027622.17       68.66328  (22121909)
        258971.34   4027646.90       70.41405  (22121909)                258971.98
4027671.63       71.45540  (22121909)
        258972.62   4027696.36       71.49513  (22121909)                258973.25
4027721.09       70.38801  (22121909)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PHASE4 , PHASE3A , PHASE2A , PHASE3B , PHASE2B , PHASE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
258864.38	4027377.43	77.19191	(21120616)	258865.02	4027402.16	77.21760	(21120616)
258865.65	4027426.89	77.26876	(21120616)	258866.29	4027451.62	77.21337	(21120616)
258866.93	4027476.35	76.90447	(21120616)	258867.56	4027501.08	76.13304	(21120616)
258868.20	4027525.81	74.26790	(21120616)	258868.83	4027550.54	71.29457	(21120616)
258869.47	4027575.28	67.07007	(21120616)	258870.11	4027600.01	62.07383	(21120616)
258870.74	4027624.74	57.82067	(18121909)	258871.38	4027649.47	59.56898	(22121909)
258872.01	4027674.20	61.75258	(22121909)	258872.65	4027698.93	63.40261	(22121909)
258873.29	4027723.66	64.43868	(22121909)	258764.41	4027380.00	71.00850	(21120616)
258765.05	4027404.73	71.38548	(21120616)	258765.69	4027429.46	71.49716	(21120616)
258766.32	4027454.19	71.48369	(21120616)	258766.96	4027478.92	71.23224	(21120616)
258767.59	4027503.65	70.50490	(21120616)	258768.23	4027528.38	69.12861	(21120616)
258768.87	4027553.12	66.88484	(21120616)	258769.50	4027577.85	63.65682	(21120616)
258770.14	4027602.58	59.73998	(21120616)	258770.77	4027627.31	55.57173	(21120616)
258771.41	4027652.04	52.65019	(18121909)	258772.05	4027676.77	53.19802	(18121909)
258772.68	4027701.50	54.29739	(22121909)	258773.32			

4027726.23 56.25013 (22121909)
258664.45 4027382.57 66.06869 (21120616) 258665.08
4027407.30 66.15642 (21120616)
258665.72 4027432.03 66.28639 (21120616) 258666.36
4027456.76 66.30465 (21120616)
258666.99 4027481.49 66.18567 (21120616) 258667.63
4027506.22 65.78521 (21120616)
258668.26 4027530.95 64.84262 (21120616) 258668.90
4027555.69 63.03245 (21120616)
258669.54 4027580.42 60.46766 (21120616) 258670.17
4027605.15 57.35754 (21120616)
258670.81 4027629.88 53.93204 (21120616) 258671.44
4027654.61 50.31414 (21120616)
258672.08 4027679.34 48.15804 (18121909) 258672.72
4027704.07 48.89704 (18121909)
258673.35 4027728.81 49.23611 (18121909) 258464.51
4027387.71 57.93691 (21120616)
258465.15 4027412.44 58.38150 (21120616) 258465.79
4027437.17 58.41950 (21120616)
258466.42 4027461.90 58.26437 (21120616) 258467.06
4027486.63 58.21353 (21120616)
258467.69 4027511.37 58.03140 (21120616) 258468.33
4027536.10 57.44300 (21120616)
258468.97 4027560.83 56.34505 (21120616) 258469.60
4027585.56 54.69339 (21120616)
258470.24 4027610.29 52.82820 (21120616) 258470.87
4027635.02 50.44559 (21120616)
258471.51 4027659.75 47.72903 (21120616) 258472.15
4027684.48 44.92850 (21120616)
258472.78 4027709.22 42.16109 (21120616) 258473.42
4027733.95 40.81274 (18121909)
258264.58 4027392.85 51.69774 (21120616) 258265.22
4027417.58 52.07222 (21120616)
258265.85 4027442.31 52.07468 (21120616) 258266.49
4027467.04 52.13220 (21120616)
258267.12 4027491.78 52.20989 (21120616) 258267.76
4027516.51 51.90374 (21120616)
258268.40 4027541.24 51.23264 (21120616) 258269.03
4027565.97 50.46477 (21120616)
258269.67 4027590.70 49.96112 (21120616) 258270.30
4027615.43 48.94842 (21120616)
258270.94 4027640.16 47.11422 (21120616) 258271.58
4027664.89 45.09999 (21120616)
258272.21 4027689.63 42.92624 (21120616) 258272.85
4027714.36 40.52731 (21120616)
258273.48 4027739.09 37.96564 (21120616) 258064.01
4027373.26 43.88497 (21120616)
258064.65 4027397.99 45.11358 (21120616) 258065.28
4027422.72 46.13521 (21120616)
258065.92 4027447.45 46.97934 (21120616) 258066.55

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4027472.19       47.63659  (21120616)
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 733
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                 PHASE1      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        258067.19   4027496.92       48.08666  (21120616)                258067.83
4027521.65       48.17222  (21120616)
        258068.46   4027546.38       47.96180  (21120616)                258069.10
4027571.11       47.40727  (21120616)
        258069.73   4027595.84       46.50087  (21120616)                258070.37
4027620.57       45.39601  (21120616)
        258071.01   4027645.30       44.18731  (21120616)                258071.64
4027670.04       42.84739  (21120616)
        258072.28   4027694.77       41.22360  (21120616)                258072.91
4027719.50       39.28883  (21120616)
        258073.55   4027744.23       37.09853  (21120616)                257864.08
4027378.40       39.27542  (21120616)
        257864.71   4027403.13       40.73389  (21120616)                257865.35
4027427.86       41.84997  (21120616)
        257865.98   4027452.60       42.72142  (21120616)                257866.62
4027477.33       43.36177  (21120616)
        257867.26   4027502.06       43.74663  (21120616)                257867.89
4027526.79       44.30528  (21120616)
        257868.53   4027551.52       44.42043  (21120616)                257869.16
4027576.25       44.09665  (21120616)
        257869.80   4027600.98       43.54558  (21120616)                257870.44
4027625.72       42.88476  (21120616)
        257871.07   4027650.45       41.83366  (21120616)                257871.71
4027675.18       40.53456  (21120616)
        257872.34   4027699.91       39.11795  (21120616)                257872.98
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4027724.64       37.64090  (21120616)
        257873.62   4027749.37       35.98395  (21120616)                259373.56
4027735.81      117.61043  (20010709)
        259396.16   4027735.41      119.01568  (20010709)                259418.75
4027735.01      122.26744  (20010709)
        259441.35   4027734.61      128.64547  (20010709)                259463.95
4027734.22      133.86052  (20010709)
        259486.54   4027733.82      138.29225  (20010709)                259509.14
4027733.42      143.85810  (20010709)
        259531.74   4027733.02      154.06126  (20010709)                259554.33
4027732.62      171.49300  (20010709)
        259576.93   4027732.23      185.19587  (20010709)                259356.27
4027753.86      115.40280  (20010709)
        259396.60   4027760.40      119.17833  (20010709)                259419.19
4027760.01      123.51115  (20010709)
        259441.79   4027759.61      129.76589  (20010709)                259464.39
4027759.21      136.01604  (20010709)
        259486.98   4027758.81      141.55123  (20010709)                259509.58
4027758.42      147.58413  (20010709)
        259532.18   4027758.02      157.37959  (20010709)                259554.77
4027757.62      174.79111  (20010709)
        259577.37   4027757.22      186.10334  (20010709)                259356.71
4027778.86      113.97336  (20010709)
        259313.55   4027747.57      113.87085  (20010709)                259397.04
4027785.40      119.69384  (20010709)
        259419.63   4027785.00      124.84763  (20010709)                259442.23
4027784.61      131.05394  (20010709)
        259464.83   4027784.21      137.63669  (20010709)                259487.42
4027783.81      143.07051  (20010709)
        259510.02   4027783.41      148.19367  (20010709)                259532.62
4027783.01      155.44329  (20010709)
        259555.21   4027782.62      167.58911  (20010709)                259577.81
4027782.22      173.74426  (20010709)
        259357.15   4027803.85      112.84402  (20010709)                259321.69
4027789.98      110.03699  (20010709)
        259296.26   4027765.62      110.88240  (20010709)                259397.48
4027810.40      120.23926  (20010709)
        259420.07   4027810.00      126.04142  (20010709)                259442.67
4027809.60      132.77198  (20010709)
        259465.27   4027809.20      139.14151  (20010709)                259487.86
4027808.81      143.91938  (20010709)
        259510.46   4027808.41      146.76376  (20010709)                259533.06
4027808.01      148.73967  (20010709)
        259555.65   4027807.61      152.39520  (20010709)                259578.25
4027807.21      156.45104  (20010709)
        259358.03   4027853.85      112.18339  (20010709)                259322.57
4027839.97      107.19336  (20010709)
        259287.11   4027826.09      104.94757  (20010709)                259261.67
4027801.73      105.94215  (20010709)
        259246.27   4027766.91      109.43895  (20010709)                259398.36
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PHASE4   , PHASE3A
, PHASE2A   , PHASE3B   , PHASE2B   ,
                 PHASE1   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        259511.34   4027858.40   139.42105 (20010709)   259533.94
4027858.00   137.72075 (20010709)
        259556.53   4027857.60   134.45290 (20010709)   259579.13
4027857.21   132.14608 (20010709)
        259356.38   4027902.85   111.97415 (20010709)   259315.85
4027886.99   104.49521 (20010709)
        259275.32   4027871.12   101.52693 (20010709)   259225.99
4027835.36   101.39021 (20010709)
        259208.39   4027795.56   104.96413 (20010709)   259190.79
4027755.75   108.30940 (20010709)
        259399.24   4027910.38   122.72789 (20010709)   259421.83
4027909.98   127.32068 (20010709)
        259444.43   4027909.59   130.55731 (20010709)   259467.03
4027909.19   132.15766 (20010709)
        259489.62   4027908.79   131.44224 (20010709)   259512.22
4027908.39   129.09098 (20010709)
        259534.82   4027907.99   125.61757 (20010709)   259557.41
4027907.60   121.28397 (20010709)
        259580.01   4027907.20   116.62941 (20010709)   259357.82
4027953.06   112.29056 (20010709)
        259318.42   4027937.64   106.00506 (20010709)   259279.02

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4027922.22      101.06315  (20010709)
        259239.61   4027906.80       97.31075  (20010709)                259191.66
4027872.02       96.77547  (20010709)
        259174.54   4027833.33       98.57941  (20010709)                259157.43
4027794.63      100.57313  (20010709)
        259140.32   4027755.93      100.14921  (20010709)                259400.12
4027960.37      118.91891  (20010709)
        259422.71   4027959.98      120.91496  (20010709)                259445.31
4027959.58      121.12942  (20010709)
        259467.91   4027959.18      119.54322  (20010709)                259490.50
4027958.78      116.10052  (20010709)
        259513.10   4027958.38      112.30264  (20010709)                259535.70
4027957.99      108.33288  (20010709)
        259558.29   4027957.59      103.89610  (20010709)                259580.89
4027957.19       99.36778  (20010709)
        259359.06   4028003.19      112.90700  (20010709)                259320.37
4027988.05      107.54693  (20010709)
        259281.69   4027972.91      102.12802  (20010709)                259243.00
4027957.77       96.57733  (20010709)
        259204.32   4027942.63       92.79603  (20010709)                259157.23
4027908.49       92.85057  (20010709)
        259140.43   4027870.50       94.28872  (20010709)                259123.63
4027832.50       95.03459  (20010709)
        259106.82   4027794.51       94.30798  (20010709)                259090.02
4027756.52       88.66147  (20010709)
        259401.00   4028010.37      113.12599  (20010709)                259423.59
4028009.97      111.55043  (20010709)
        259446.19   4028009.57      108.89831  (20010709)                259468.79
4028009.17      105.46689  (20010709)
        259491.38   4028008.77      101.56104  (20010709)                259513.98
4028008.38       97.38419  (20010709)
        259536.58   4028007.98       93.08106  (20010709)                259559.17
4028007.58       88.61615  (20010709)
        259581.77   4028007.18       88.08402  (19123109)                259359.90
4028102.82       98.19445  (20010709)
        259319.37   4028086.95      102.85092  (20010709)                259278.84
4028071.09      101.99073  (20010709)
        259238.31   4028055.23       97.29587  (20010709)                259197.79
4028039.37       91.98758  (20010709)
        259157.26   4028023.50       87.99457  (20010709)                259116.73
4028007.64       85.18194  (20010709)
        259087.67   4027979.81       85.64724  (20010709)                259070.06
4027940.01       87.30245  (20010709)
        259052.46   4027900.20       86.88480  (20010709)                259034.86
4027860.40       83.52232  (20010709)
        259017.26   4027820.60       77.50893  (20010709)                258999.66
4027780.80       69.51037  (20010709)
        259402.76   4028110.35       90.41286  (20010709)                259425.35
4028109.95       86.76415  (20010709)
        259447.95   4028109.55       82.94558  (20010709)                259470.55
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4028109.16       78.97410  (20010709)
        259493.14   4028108.76       75.07628  (20010709)                259515.74
4028108.36       77.31667  (19123109)
        259538.34   4028107.96       78.90026  (19123109)                259560.93
4028107.57       79.77141  (19123109)
        259583.53   4028107.17       80.20025  (19123109)                259361.06
4028202.57       77.02412  (20010709)
        259319.34   4028186.24       86.80182  (20010709)                259277.62
4028169.91       92.96505  (20010709)
↑ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 735
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                PHASE1      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        259235.90   4028153.58       93.52534  (20010709)                259194.18
4028137.25       90.60528  (20010709)
        259152.46   4028120.92       86.84367  (20010709)                259110.74
4028104.59       83.72598  (20010709)
        259069.02   4028088.27       81.18206  (20010709)                259018.25
4028051.45       79.88974  (20010709)
        259000.13   4028010.48       80.38916  (20010709)                258982.01
4027969.50       78.99945  (20010709)
        258963.89   4027928.53       75.05081  (20010709)                258945.77
4027887.56       68.69700  (20010709)
        258927.65   4027846.58       60.62100  (20010709)                258909.53
4027805.61       61.28807  (22121909)
        258891.41   4027764.64       64.93945  (22121909)                259404.52
4028210.33       68.66056  (20010709)
        259427.11   4028209.94       64.95395  (20011309)                259449.71
4028209.54       67.23256  (19123109)
        259472.31   4028209.14       69.55325  (19123109)                259494.90
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4028208.74       71.45270  (19123109)
        259517.50   4028208.35       72.38265  (19123109)                259540.10
4028207.95       72.83782  (19123109)
        259562.69   4028207.55       72.85421  (19123109)                259585.29
4028207.15       72.09834  (19123109)
        259363.42   4028302.79       57.75710  (20010709)                259322.89
4028286.92       67.38408  (20010709)
        259282.36   4028271.06       75.99194  (20010709)                259241.83
4028255.20       82.92558  (20010709)
        259201.31   4028239.34       86.56981  (20010709)                259160.78
4028223.47       87.43684  (20010709)
        259120.25   4028207.61       85.04073  (20010709)                259079.72
4028191.75       81.59960  (20010709)
        259039.20   4028175.89       78.47320  (20010709)                258998.67
4028160.02       76.23161  (20010709)
        258949.34   4028124.26       74.78950  (20010709)                258931.74
4028084.46       74.16798  (20010709)
        258914.14   4028044.66       72.23505  (20010709)                258896.53
4028004.85       68.67662  (20010709)
        258878.93   4027965.05       62.53063  (20010709)                258861.33
4027925.25       55.22458  (20010709)
        258843.73   4027885.45       53.06946  (22121909)                258826.13
4027845.64       57.82690  (22121909)
        258808.52   4027805.84       60.32026  (22121909)                258790.92
4027766.04       59.60172  (22121909)
        259406.28   4028310.32       61.17530  (20011309)                259428.87
4028309.92       63.28084  (19123109)
        259451.47   4028309.52       64.95691  (19123109)                259474.07
4028309.13       66.07424  (19123109)
        259496.66   4028308.73       66.86965  (19123109)                259519.26
4028308.33       67.00810  (19123109)
        259541.86   4028307.93       66.73488  (19123109)                259564.45
4028307.53       65.88396  (19123109)
        259587.05   4028307.14       64.43270  (19123109)                259364.75
4028402.61       57.29147  (20011309)
        259323.38   4028386.41       53.56046  (20011309)                259282.01
4028370.22       58.94529  (20010709)
        259240.64   4028354.03       67.59129  (20010709)                259199.27
4028337.83       75.09202  (20010709)
        259157.90   4028321.64       80.18313  (20010709)                259116.52
4028305.45       82.15582  (20010709)
        259075.15   4028289.26       80.76774  (20010709)                259033.78
4028273.06       77.58744  (20010709)
        258992.41   4028256.87       74.42922  (20010709)                258951.04
4028240.68       72.34493  (20010709)
        258909.67   4028224.48       71.17620  (20010709)                258880.00
4028196.07       69.96855  (20010709)
        258862.03   4028155.44       68.82824  (20010709)                258844.06
4028114.81       66.89140  (20010709)
        258826.09   4028074.18       62.62196  (20010709)                258808.12
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4028033.54       56.25021  (20010709)
        258790.15   4027992.91       49.20627  (20010709)                 258772.18
4027952.28       48.46446  (22122209)
        258754.21   4027911.65       52.29449  (22121909)                 258736.24
4027871.02       55.59880  (22121909)
        258718.27   4027830.39       56.27077  (22121909)                 258700.30
4027789.75       54.21413  (22121909)
        259408.04   4028410.30       59.91433  (19123109)                 259430.63
4028409.91       60.86681  (19123109)
        259453.23   4028409.51       61.44116  (19123109)                 259475.83
4028409.11       61.66315  (19123109)
        259498.42   4028408.71       61.50700  (19123109)                 259521.02
4028408.31       60.98067  (19123109)
🡅 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 736
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                 PHASE1      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
        259543.62   4028407.92       60.28563  (19123109)                 259566.21
4028407.52       59.15140  (19123109)
        259588.81   4028407.12       57.31112  (19123109)                 259368.37
4028602.61       54.14207  (19123109)
        259327.19   4028586.49       52.82398  (19123109)                 259286.01
4028570.37       50.84176  (20011309)
        259244.83   4028554.26       47.60251  (20011309)                 259203.65
4028538.14       44.37332  (20010709)
        259162.46   4028522.02       52.42091  (20010709)                 259121.28
4028505.90       59.87780  (20010709)
        259080.10   4028489.78       66.04867  (20010709)                 259038.92
4028473.67       70.62954  (20010709)
        258997.74   4028457.55       72.50522  (20010709)                 258956.56
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4028441.43       72.56712  (20010709)
        258915.38   4028425.31       70.95995  (20010709)                258874.20
4028409.19       68.61649  (20010709)
        258833.02   4028393.07       66.64654  (20010709)                258791.83
4028376.96       64.96782  (20010709)
        258741.71   4028340.62       62.52947  (20010709)                258723.82
4028300.17       60.67914  (20010709)
        258705.94   4028259.73       57.61815  (20010709)                258688.05
4028219.28       53.05451  (20010709)
        258670.17   4028178.84       47.16436  (20010709)                258652.28
4028138.39       40.72005  (20010709)
        258634.39   4028097.95       41.13324  (22122209)                258616.51
4028057.50       42.54913  (22122209)
        258598.62   4028017.06       45.77530  (22121909)                258580.73
4027976.61       48.55289  (22121909)
        258562.85   4027936.17       49.63129  (22121909)                258544.96
4027895.73       48.64737  (22121909)
        258527.08   4027855.28       45.79634  (22121909)                258509.19
4027814.84       43.49207  (18121909)
        258491.30   4027774.39       42.75768  (18121909)                259411.56
4028610.27       54.06858  (19123109)
        259434.15   4028609.88       53.85140  (19123109)                259456.75
4028609.48       53.15465  (19123109)
        259479.35   4028609.08       52.11495  (19123109)                259501.94
4028608.68       50.72345  (19123109)
        259524.54   4028608.28       49.01419  (19123109)                259547.14
4028607.89       46.96859  (19123109)
        259569.73   4028607.49       44.59606  (19123109)                259592.33
4028607.09       42.75925  (21010709)
        259371.95   4028802.60       47.70622  (19123109)                259330.89
4028786.53       48.76014  (19123109)
        259289.83   4028770.46       48.53704  (19123109)                259248.77
4028754.39       47.19861  (19123109)
        259207.71   4028738.32       45.73078  (20011309)                259166.65
4028722.25       43.12363  (20011309)
        259125.59   4028706.18       40.42897  (19123109)                259084.53
4028690.11       39.98410  (20010709)
        259043.47   4028674.04       47.03325  (20010709)                259002.40
4028657.96       53.65168  (20010709)
        258961.34   4028641.89       59.16173  (20010709)                258920.28
4028625.82       63.06614  (20010709)
        258879.22   4028609.75       65.14147  (20010709)                258838.16
4028593.68       65.52423  (20010709)
        258797.10   4028577.61       64.58091  (20010709)                258756.04
4028561.54       62.92519  (20010709)
        258714.98   4028545.47       61.41856  (20010709)                258673.92
4028529.39       59.80322  (20010709)
        258632.86   4028513.32       57.90054  (20010709)                258603.41
4028485.13       55.72001  (20010709)
        258585.58   4028444.80       53.10362  (20010709)                258567.74
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4028404.47   49.82507 (20010709)
        258549.91   4028364.15   45.36028 (20010709)   258532.08
4028323.82   40.09334 (20010709)
        258514.24   4028283.49   36.16705 (22122216)   258496.41
4028243.17   35.88048 (22122209)
        258478.57   4028202.84   37.56678 (22122209)   258460.74
4028162.51   38.36852 (22122209)
        258442.91   4028122.19   40.69573 (22121909)   258425.07
4028081.86   43.00139 (22121909)
        258407.24   4028041.54   44.38541 (22121909)   258389.40
4028001.21   44.27344 (22121909)
        258371.57   4027960.88   42.39175 (22121909)   258353.74
4027920.56   39.20657 (22121909)
        258335.90   4027880.23   39.35747 (18121909)   258318.07
4027839.90   38.44840 (18121909)
        258300.23   4027799.58   36.43150 (18121909)   259415.08
4028810.24   45.54924 (19123109)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   PHASE4   , PHASE3A
, PHASE2A   , PHASE3B   , PHASE2B   ,
                PHASE1   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        259437.67   4028809.84   44.13381 (19123109)   259460.27
4028809.45   42.45425 (19123109)
        259482.87   4028809.05   40.47526 (19123109)   259505.46
4028808.65   38.20453 (19123109)
        259528.06   4028808.25   38.35980 (21010709)   259550.66
4028807.86   38.64504 (21010709)
        259573.25   4028807.46   38.87238 (21010709)   259595.85
4028807.06   39.01665 (21010709)
        259375.05   4029002.41   39.16435 (19123109)   259354.09

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4028994.21       40.87441  (19123109)
        259333.14   4028986.00       42.27108  (19123109)                259312.18
4028977.80       43.34468  (19123109)
        259291.23   4028969.60       44.09683  (19123109)                259249.32
4028953.20       44.83048  (19123109)
        259228.36   4028945.00       44.67720  (19123109)                259207.41
4028936.79       44.26741  (19123109)
        259186.46   4028928.59       43.58287  (19123109)                259144.55
4028912.19       42.20411  (20011309)
        259123.59   4028903.99       41.28040  (20011309)                259102.64
4028895.79       40.20962  (20011309)
        259081.68   4028887.58       39.13355  (20011309)                259039.77
4028871.18       37.11141  (19123109)
        259018.82   4028862.98       36.50697  (19123109)                258997.87
4028854.78       35.94292  (19123109)
        258976.91   4028846.58       35.34411  (19123109)                258935.00
4028830.17       41.05729  (20010709)
        258914.05   4028821.97       44.24028  (20010709)                258893.09
4028813.77       47.26245  (20010709)
        258872.14   4028805.57       50.03740  (20010709)                258851.18
4028797.37       52.55190  (20010709)
        258809.27   4028780.96       56.55765  (20010709)                258788.32
4028772.76       57.99553  (20010709)
        258767.37   4028764.56       59.00676  (20010709)                258746.41
4028756.36       59.57495  (20010709)
        258704.50   4028739.96       59.76448  (20010709)                258683.55
4028731.75       59.49111  (20010709)
        258662.59   4028723.55       58.99101  (20010709)                258641.64
4028715.35       58.27058  (20010709)
        258599.73   4028698.95       56.80098  (20010709)                258578.77
4028690.75       56.00779  (20010709)
        258557.82   4028682.55       55.05690  (20010709)                258536.87
4028674.34       53.99894  (20010709)
        258494.96   4028657.94       52.20360  (20010709)                258464.90
4028629.16       49.95779  (20010709)
        258455.80   4028608.58       48.60368  (20010709)                258437.60
4028567.42       45.42803  (20010709)
        258428.50   4028546.84       43.50333  (20010709)                258410.29
4028505.68       39.01390  (20010709)
        258401.19   4028485.10       36.47845  (20010709)                258382.99
4028443.94       34.08458  (22122216)
        258373.89   4028423.36       32.72695  (22122216)                258355.69
4028382.20       31.99756  (22122209)
        258346.59   4028361.62       32.78033  (22122209)                258328.38
4028320.46       34.21859  (22122209)
        258310.18   4028279.30       35.09394  (22122209)                258291.98
4028238.14       36.52066  (22121909)
        258282.88   4028217.56       37.59306  (22121909)                258264.67
4028176.40       39.36974  (22121909)
        258255.57   4028155.83       40.04169  (22121909)                258237.37
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4028114.67       40.50351  (22121909)
        258228.27   4028094.09       40.16860  (22121909)                 258210.07
4028052.93       38.49133  (22121909)
        258200.97   4028032.35       37.21299  (22121909)                 258182.76
4027991.19       35.57264  (18121909)
        258173.66   4027970.61       35.79089  (18121909)                 258155.46
4027929.45       35.38878  (18121909)
        258146.36   4027908.87       34.78965  (18121909)                 258128.16
4027867.71       34.33513  (18012609)
        258109.95   4027826.55       34.94234  (18012609)                 258091.75
4027785.39       34.98166  (18012609)
        259418.60   4029010.21       35.18601  (19123109)                 259441.19
4029009.81       34.21647  (21010709)
        259463.79   4029009.42       34.66093  (21010709)                 259486.39
4029009.02       35.03458  (21010709)
        259508.98   4029008.62       35.29717  (21010709)                 259531.58
4029008.22       35.44530  (21010709)
        259554.18   4029007.82       35.45946  (21010709)                 259576.77
4029007.43       35.37968  (21010709)
        259599.37   4029007.03       35.14101  (21010709)                 259378.66
4029202.41       31.46320  (21010709)
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                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                 PHASE1      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        259336.94   4029186.08       33.58492  (19123109)                 259295.22
4029169.76       37.08625  (19123109)
        259253.50   4029153.43       39.53951  (19123109)                 259211.78
4029137.10       40.96307  (19123109)
        259170.06   4029120.77       41.19425  (19123109)                 259128.34
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4029104.44       40.48988  (19123109)
        259086.63   4029088.11       39.41959  (20011309)                259044.91
4029071.78       38.08292  (20011309)
        259003.19   4029055.45       36.22072  (20011309)                258961.47
4029039.12       34.36080  (19123109)
        258919.75   4029022.79       33.08700  (19123109)                258878.03
4029006.47       31.99943  (20011309)
        258836.31   4028990.14       34.79603  (20010709)                258794.59
4028973.81       40.49784  (20010709)
        258752.87   4028957.48       45.72258  (20010709)                258711.15
4028941.15       49.95812  (20010709)
        258669.43   4028924.82       52.91436  (20010709)                258627.71
4028908.49       54.70372  (20010709)
        258585.99   4028892.16       55.16671  (20010709)                258544.27
4028875.83       54.81997  (20010709)
        258502.55   4028859.51       54.01612  (20010709)                258460.83
4028843.18       52.75702  (20010709)
        258419.12   4028826.85       50.67002  (20010709)                258377.40
4028810.52       48.77859  (20010709)
        258326.62   4028773.70       44.85890  (20010709)                258308.50
4028732.73       42.08262  (20010709)
        258290.38   4028691.76       38.31003  (20010709)                258272.26
4028650.78       34.30674  (22122216)
        258254.14   4028609.81       32.67759  (22122216)                258236.02
4028568.84       30.25291  (22122216)
        258217.90   4028527.86       28.51661  (22122209)                258199.78
4028486.89       29.81927  (22122209)
        258181.66   4028445.92       31.00169  (22122209)                258163.54
4028404.94       32.01634  (22122209)
        258145.42   4028363.97       32.55746  (22121909)                258127.30
4028323.00       34.45374  (22121909)
        258109.18   4028282.02       35.96506  (22121909)                258091.06
4028241.05       36.88186  (22121909)
        258072.94   4028200.08       36.86755  (22121909)                258054.82
4028159.10       35.82529  (22121909)
        258036.70   4028118.13       33.80119  (22121909)                258018.58
4028077.16       32.62230  (18121909)
        258000.46   4028036.18       32.86821  (18121909)                257982.34
4027995.21       32.26077  (18121909)
        257964.22   4027954.24       32.39905  (18012609)                257946.10
4027913.26       33.80802  (18012609)
        257927.98   4027872.29       34.68191  (18012609)                257909.86
4027831.32       34.59047  (18012609)
        257891.74   4027790.35       33.78704  (18012609)                259422.12
4029210.18       32.09039  (21010709)
        259444.71   4029209.78       32.35341  (21010709)                259467.31
4029209.38       32.54102  (21010709)
        259489.91   4029208.99       32.64096  (21010709)                259512.50
4029208.59       32.64411  (21010709)
        259535.10   4029208.19       32.50599  (21010709)                259557.70
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4029207.79   32.19556 (21010709)
        259580.29   4029207.40   31.68264 (21010709)   259602.89
4029207.00   30.93478 (21010709)
        259621.33   4027730.68   188.47504 (20010709)   259665.29
4027729.15   176.05992 (20010709)
        259709.26   4027727.61   165.22594 (20010709)   259600.22
4027756.43   185.54373 (20010709)
        259644.18   4027754.90   169.43338 (20010709)   259688.15
4027753.36   152.96816 (20010709)
        259732.11   4027751.83   144.17976 (20010709)   259601.09
4027781.42   170.72278 (20010709)
        259645.05   4027779.88   155.29389 (20010709)   259689.02
4027778.35   137.90547 (20010709)
        259732.99   4027776.81   130.41047 (20010709)   259601.96
4027806.40   154.49244 (20010709)
        259645.93   4027804.87   141.68050 (20010709)   259689.89
4027803.33   125.23985 (20010709)
        259733.86   4027801.80   117.53924 (20010709)   259603.70
4027856.37   128.36493 (20010709)
        259647.67   4027854.84   116.93379 (20010709)   259691.64
4027853.30   104.39250 (20010709)
        259735.60   4027851.77   105.93425 (19123109)   259605.45
4027906.34   111.39580 (20010709)
        259649.41   4027904.81   101.48247 (19123109)   259693.38
4027903.27   97.62633 (19123109)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   PHASE4   , PHASE3A
, PHASE2A   , PHASE3B   , PHASE2B   ,
                PHASE1   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        259737.35   4027901.74   95.77719 (19123109)   259607.19

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4027956.31       94.75236  (19123109)
        259651.16   4027954.78       95.80940  (19123109)                259695.12
4027953.24       93.60973  (19123109)
        259739.09   4027951.71       89.93451  (19123109)                259608.94
4028006.28       89.19616  (19123109)
        259652.90   4028004.75       89.76544  (19123109)                259696.87
4028003.21       88.25505  (19123109)
        259740.83   4028001.68       84.12369  (19123109)                259612.42
4028106.22       80.12207  (19123109)
        259656.39   4028104.69       78.24288  (19123109)                259700.35
4028103.15       75.17482  (19123109)
        259744.32   4028101.62       70.34627  (19123109)                259615.91
4028206.16       70.64261  (19123109)
        259659.88   4028204.62       66.59454  (19123109)                259703.84
4028203.09       62.62783  (19123109)
        259747.81   4028201.56       61.30137  (18122409)                259619.40
4028306.10       62.51443  (19123109)
        259663.36   4028304.56       57.70417  (19123109)                259707.33
4028303.03       51.64272  (19123109)
        259751.30   4028301.49       55.68118  (18122409)                259622.89
4028406.04       53.88892  (19123109)
        259666.85   4028404.50       48.49522  (21010709)                259710.82
4028402.97       49.33092  (21010709)
        259754.78   4028401.43       52.07869  (18122409)                259629.86
4028605.92       43.24839  (21010709)
        259673.83   4028604.38       43.45104  (21010709)                259717.79
4028602.85       42.70344  (21010709)
        259761.76   4028601.31       44.17526  (18122409)                259636.84
4028805.79       38.95003  (21010709)
        259680.80   4028804.26       38.04553  (21010709)                259724.77
4028802.73       36.99770  (21010109)
        259768.73   4028801.19       38.91337  (18122409)                259643.81
4029005.67       34.05776  (21010709)
        259687.78   4029004.14       33.62957  (21010109)                259731.74
4029002.60       33.72932  (21010109)
        259775.71   4029001.07       34.44631  (18122409)                259628.80
4029206.32       29.84315  (21010109)
        259672.77   4029204.78       30.76941  (21010109)                259716.74
4029203.25       31.09568  (21010109)
        259760.70   4029201.71       31.03261  (21010109)                259755.00
4027725.55      153.76609  (20010709)
        259778.26   4027724.27      150.63603  (20010709)                259801.52
4027722.99      161.03595  (22122009)
        259824.78   4027721.71      176.94932  (22122009)                259848.04
4027720.44      183.25906  (22122009)
        259871.30   4027719.16      187.33790  (22122009)                259894.56
4027717.88      194.46186  (22122009)
        259756.37   4027750.51      139.19711  (20010709)                259779.63
4027749.23      134.80974  (20010709)
        259802.89   4027747.95      140.13619  (22122009)                259826.15
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4027746.68      155.16072  (22122009)
        259849.41   4027745.40      165.30435  (22122009)                259872.67
4027744.12      173.16862  (22122009)
        259895.93   4027742.84      181.82344  (22122009)                259757.74
4027775.47      126.87858  (20010709)
        259781.00   4027774.19      124.18782  (19123109)                259804.26
4027772.92      122.83292  (19123109)
        259827.52   4027771.64      133.77527  (22122009)                259850.78
4027770.36      144.46041  (22122009)
        259874.04   4027769.08      155.25822  (22122009)                259897.30
4027767.81      166.76978  (22122009)
        259759.11   4027800.43      117.44026  (19123109)                259782.37
4027799.16      118.37656  (19123109)
        259805.63   4027797.88      117.71098  (19123109)                259828.89
4027796.60      118.56638  (22122009)
        259852.15   4027795.32      132.78003  (22122009)                259875.41
4027794.05      143.74669  (22122009)
        259898.67   4027792.77      153.10524  (22122009)                259761.85
4027850.36      106.19011  (19123109)
        259785.11   4027849.08      106.01030  (19123109)                259808.37
4027847.80      104.51035  (19123109)
        259831.63   4027846.53      101.33512  (19123109)                259854.89
4027845.25       99.67894  (18123109)
        259878.15   4027843.97      111.48940  (22122009)                259901.41
4027842.69      122.25685  (22122009)
        259764.59   4027900.28       95.46565  (19123109)                259787.85
4027899.00       93.11241  (19123109)
        259811.11   4027897.73       90.25897  (19123109)                259834.37
4027896.45       88.44940  (20010609)
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 740
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                 PHASE1      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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4028596.67       47.42051  (18122409)
        259872.75   4028595.40       47.22495  (18122409)                259896.01
4028594.12       46.81544  (18122409)
        259919.27   4028592.84       46.29583  (18122409)                259942.53
4028591.57       45.77224  (20010609)
        259813.94   4028798.93       41.34366  (18122409)                259837.20
4028797.65       42.04493  (18122409)
        259860.46   4028796.37       42.38811  (18122409)                259883.72
4028795.10       42.43302  (18122409)
        259906.98   4028793.82       42.26909  (18122409)                259930.24
4028792.54       41.95173  (18122409)
        259953.50   4028791.27       41.55631  (18122409)                259801.64
4028999.90       35.97648  (18122409)
        259824.90   4028998.63       36.64764  (18122409)                259848.16
4028997.35       37.31867  (18122409)
        259871.42   4028996.07       37.87208  (18122409)                259894.68
4028994.80       38.27398  (18122409)
        259917.94   4028993.52       38.56832  (18122409)                259941.20
4028992.24       38.32423  (18122409)
        259964.46   4028990.96       38.13307  (18122409)                259797.65
4029200.28       31.63804  (18122409)
        259835.87   4029198.33       33.51349  (18122409)                259859.13
4029197.05       34.33968  (18122409)
        259882.39   4029195.77       34.92835  (18122409)                259905.65
4029194.50       35.28870  (18122409)
        259928.91   4029193.22       35.25013  (18122409)                259952.17
4029191.94       35.26415  (18122409)
        259975.43   4029190.66       35.25996  (18122409)                259939.86
4027716.72      209.97435  (22122009)
        259962.87   4027716.12      208.13031  (22122009)                259985.88
4027715.52      208.16687  (22122009)
        260008.89   4027714.93      215.29107  (22122009)                260031.90
4027714.33      221.62475  (22122009)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 741
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                PHASE1      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
260054.91	4027713.73	224.27191	(22122009)	260077.92	4027713.14	226.52650	(22122009)
260100.94	4027712.54	228.92781	(22122009)	260123.95	4027711.94	231.14973	(22122009)
260146.96	4027711.35	233.65115	(20010809)	260169.97	4027710.75	235.91041	(20010809)
259940.51	4027741.71	194.37264	(22122009)	259963.52	4027741.11	194.97021	(22122009)
259986.53	4027740.52	195.37483	(22122009)	260009.54	4027739.92	198.35171	(22122009)
260032.55	4027739.32	205.24924	(22122009)	260055.56	4027738.73	210.23362	(22122009)
260078.57	4027738.13	212.51236	(22122009)	260101.58	4027737.53	214.90708	(22122009)
260124.59	4027736.94	217.14680	(22122009)	260147.61	4027736.34	219.36551	(22122009)
260170.62	4027735.74	218.47333	(22122009)	259941.16	4027766.70	178.10551	(22122009)
259964.17	4027766.10	182.40706	(22122009)	259987.18	4027765.51	184.26398	(22122009)
260010.19	4027764.91	185.07511	(22122009)	260033.20	4027764.31	188.66807	(22122009)
260056.21	4027763.72	191.85668	(22122009)	260079.22	4027763.12	195.89477	(22122009)
260102.23	4027762.52	200.31451	(22122009)	260125.24	4027761.93	202.55075	(22122009)
260148.25	4027761.33	204.73836	(22122009)	260171.26	4027760.73	204.13638	(22122009)
259941.80	4027791.69	163.75925	(22122009)	259964.81	4027791.10	167.01599	(22122009)
259987.83	4027790.50	169.20854	(22122009)	260010.84	4027789.90	172.19031	(22122009)
260033.85	4027789.31	175.59113	(22122009)	260056.86	4027788.71	177.13307	(22122009)
260079.87	4027788.11	179.12878	(22122009)	260102.88	4027787.52	183.16336	(22122009)
260125.89	4027786.92	189.39992	(22122009)	260148.90	4027786.32	191.48307	(22122009)
260171.91	4027785.73	193.11752	(22122009)	259943.10	4027841.68	135.56508	(22122009)
259966.11	4027841.08	141.25358	(22122009)	259989.12	4027840.48	146.27022	(22122009)
260012.13	4027839.89	151.27142	(22122009)	260035.14			

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4027839.29      155.11174  (22122009)
        260058.15   4027838.69      158.63925  (22122009)                260081.16
4027838.10      161.78162  (22122009)
        260104.18   4027837.50      164.70285  (22122009)                260127.19
4027836.90      167.39341  (22122009)
        260150.20   4027836.31      169.73627  (22122009)                260173.21
4027835.71      171.84398  (22122009)
        259944.40   4027891.66      109.42493  (22122009)                259967.41
4027891.06      117.81613  (22122009)
        259990.42   4027890.47      124.49574  (22122009)                260013.43
4027889.87      129.95391  (22122009)
        260036.44   4027889.27      134.68325  (22122009)                260059.45
4027888.68      138.04730  (22122009)
        260082.46   4027888.08      141.25012  (22122009)                260105.47
4027887.48      144.85374  (22122009)
        260128.48   4027886.89      148.74039  (22122009)                260151.49
4027886.29      151.56773  (22122009)
        260174.50   4027885.69      154.14189  (22122009)                259945.69
4027941.64       87.30395  (18123109)
        259968.70   4027941.05       92.24632  (22122009)                259991.71
4027940.45      100.74178  (22122009)
        260014.72   4027939.85      107.85817  (22122009)                260037.74
4027939.26      114.08011  (22122009)
        260060.75   4027938.66      119.36672  (22122009)                260083.76
4027938.06      123.68517  (22122009)
        260106.77   4027937.47      127.29314  (22122009)                260129.78
4027936.87      130.65693  (22122009)
        260152.79   4027936.27      133.83138  (22122009)                260175.80
4027935.68      137.05916  (22122009)
        259946.99   4027991.63       78.04996  (20010609)                259970.00
4027991.03       80.87636  (18123109)
        259993.01   4027990.43       83.29241  (18123109)                260016.02
4027989.84       86.86652  (22122009)
        260039.03   4027989.24       94.78876  (22122009)                260062.04
4027988.64      101.58432  (22122009)
        260085.05   4027988.05      107.20818  (22122009)                260108.06
4027987.45      111.95132  (22122009)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 742
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                 PHASE1      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
260131.07	4027986.85	116.28655	(22122009)	260154.09	4027986.26	119.95072	(22122009)
260177.10	4027985.66	123.79431	(22122009)	259949.58	4028091.59	71.76214	(20010609)
259972.59	4028091.00	71.22206	(20010609)	259995.60	4028090.40	70.56140	(20010609)
260018.61	4028089.80	71.41223	(18123109)	260041.62	4028089.21	73.78148	(18123109)
260064.63	4028088.61	75.62440	(18123109)	260087.65	4028088.01	76.78594	(18123109)
260110.66	4028087.42	77.55520	(18123109)	260133.67	4028086.82	83.06139	(22122009)
260156.68	4028086.22	88.97371	(22122009)	260179.69	4028085.63	95.17312	(22122009)
259952.17	4028191.56	64.99356	(20010609)	259975.18	4028190.96	65.53466	(20010609)
259998.19	4028190.37	65.02798	(20010609)	260021.20	4028189.77	64.34788	(20010609)
260044.22	4028189.17	63.64852	(20010609)	260067.23	4028188.58	63.11368	(18123109)
260090.24	4028187.98	65.58143	(18123109)	260113.25	4028187.38	67.58493	(18123109)
260136.26	4028186.79	69.42477	(18123109)	260159.27	4028186.19	70.87262	(18123109)
260182.28	4028185.59	72.19488	(18123109)	259954.76	4028291.53	58.67238	(20010609)
259977.78	4028290.93	59.41648	(20010609)	260000.79	4028290.33	60.11682	(20010609)
260023.80	4028289.74	59.89528	(20010609)	260046.81	4028289.14	59.30494	(20010609)
260069.82	4028288.54	58.45479	(20010609)	260092.83	4028287.95	57.55109	(20010609)
260115.84	4028287.35	56.54915	(18123109)	260138.85	4028286.75	59.05521	(18123109)
260161.86	4028286.16	61.02963	(18123109)	260184.87	4028285.56	62.89652	(18123109)
259957.36	4028391.49	54.24643	(20010609)	259980.37	4028390.89	54.23729	(20010609)
260003.38	4028390.30	54.74660	(20010609)	260026.39			

4028389.70 54.76191 (20010609)
  260049.40 4028389.10 54.48258 (20010609) 260072.41
4028388.51 54.05572 (20010609)
  260095.42 4028387.91 53.65568 (20010609) 260118.43
4028387.31 53.78672 (20010609)
  260141.44 4028386.72 53.40861 (20010609) 260164.45
4028386.12 52.85803 (20010609)
  260187.46 4028385.52 53.19242 (18123109) 259985.55
4028590.83 48.41356 (20010609)
  260008.56 4028590.23 49.20477 (20010609) 260031.57
4028589.63 49.65025 (20010609)
  260054.58 4028589.04 49.79678 (20010609) 260077.59
4028588.44 49.71131 (20010609)
  260100.61 4028587.84 49.43142 (20010609) 260123.62
4028587.25 49.04070 (20010609)
  260146.63 4028586.65 48.56866 (20010609) 260169.64
4028586.05 48.04276 (20010609)
  260192.65 4028585.46 47.50693 (20010609) 259990.74
4028790.76 40.94009 (18122409)
  260013.75 4028790.16 41.88301 (20010609) 260036.76
4028789.57 43.06369 (20010609)
  260059.77 4028788.97 43.86157 (20010609) 260082.78
4028788.37 44.34046 (20010609)
  260105.79 4028787.78 44.57452 (20010609) 260128.80
4028787.18 44.59030 (20010609)
  260151.81 4028786.58 44.43634 (20010609) 260174.82
4028785.99 44.18893 (20010609)
  260197.83 4028785.39 43.85662 (20010609) 259995.92
4028990.69 37.79419 (18122409)
  260018.93 4028990.10 37.54664 (18122409) 260041.94
4028989.50 37.31807 (18122409)
  260064.95 4028988.90 37.46199 (20010609) 260087.96
4028988.31 38.45179 (20010609)
  260110.97 4028987.71 39.24256 (20010609) 260133.98
4028987.11 39.88073 (20010609)
  260157.00 4028986.52 40.27161 (20010609) 260180.01
4028985.92 40.63810 (20010609)
  260203.02 4028985.32 40.58007 (20010609) 260001.10
4029190.63 35.11009 (18122409)
  260024.11 4029190.03 34.92873 (18122409) 260047.13
4029189.43 34.73166 (18122409)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION

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VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                 PHASE1      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        260070.14   4029188.84       34.54632  (18122409)                 260093.15
4029188.24       33.73817  (18122409)
        260116.16   4029187.64       34.24830  (20010609)                 260139.17
4029187.05       35.11570  (20010609)
        260162.18   4029186.45       35.78008  (20010609)                 260185.19
4029185.85       36.25591  (20010609)
        260208.20   4029185.26       36.67783  (20010609)                 260190.44
4027695.65      237.81203  (20010809)
        260195.46   4027670.19      234.59221  (20121609)                 260214.10
4027700.10      227.00997  (20121609)
        260192.81   4027726.50      222.32832  (20010809)                 260220.40
4027671.92      221.95457  (20121609)
        260238.40   4027703.19      212.35439  (20121609)                 260226.93
4027727.68      211.35489  (20010809)
        260208.71   4027745.13      210.44236  (20010809)                 260245.34
4027673.65      208.67453  (20121609)
        260262.96   4027705.74      199.26750  (20121609)                 260250.72
4027731.86      200.97012  (20121609)
        260225.17   4027763.53      204.01998  (20010809)                 260198.54
4027774.63      198.73143  (22122009)
        260270.28   4027675.38      197.23961  (20121609)                 260312.40
4027710.13      179.87857  (20121609)
        260299.29   4027738.12      183.54536  (20121609)                 260286.18
4027766.11      182.75337  (20121609)
        260258.80   4027800.04      188.34166  (22122009)                 260230.27
4027811.93      185.21787  (22122009)
        260201.74   4027823.82      178.65222  (22122009)                 260320.16
4027678.84      175.45735  (20121609)
        260362.04   4027714.11      164.05628  (20121609)                 260348.44
4027743.14      166.08784  (20121609)
        260334.84   4027772.16      168.72483  (20121609)                 260321.24
4027801.19      171.51109  (20010809)
        260292.85   4027836.38      174.78540  (22122009)                 260263.26
4027848.71      173.01310  (22122009)
        260233.68   4027861.03      167.17854  (22122009)                 260204.09
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4027873.36      160.86779  (22122009)
        260370.04   4027682.30      161.51206  (20121609)                260411.77
4027717.90      152.63715  (20121609)
        260397.86   4027747.59      158.48238  (20121609)                260383.95
4027777.27      161.90584  (20121609)
        260370.04   4027806.96      160.72344  (20121609)                260356.13
4027836.64      161.43645  (20010809)
        260327.10   4027872.63      163.62144  (20010809)                260296.84
4027885.24      162.76306  (22122009)
        260266.58   4027897.85      157.79968  (22122009)                260236.32
4027910.46      151.88773  (22122009)
        260206.06   4027923.07      144.75518  (22122009)                260419.92
4027685.76      147.40659  (20121609)
        260461.54   4027721.59      142.03193  (20121609)                260447.42
4027751.73      147.10066  (20121609)
        260433.30   4027781.87      151.79215  (20121609)                260419.17
4027812.01      154.29518  (20121609)
        260405.05   4027842.16      152.54582  (20121609)                260390.93
4027872.30      153.71119  (20010809)
        260361.44   4027908.84      154.30334  (20010809)                260330.72
4027921.64      154.03265  (22122009)
        260300.00   4027934.45      149.86042  (22122009)                260269.27
4027947.25      144.19652  (22122009)
        260238.55   4027960.05      138.08101  (22122009)                260207.82
4027972.86      131.48962  (22122009)
        260469.80   4027689.22      137.24429  (20121609)                260561.16
4027728.81      122.29907  (20121609)
        260546.76   4027759.54      127.40163  (20121609)                260532.36
4027790.27      132.55214  (20121609)
        260517.96   4027821.00      136.60708  (20121609)                260503.57
4027851.73      139.55405  (20121609)
        260489.17   4027882.47      138.79962  (20121609)                260474.77
4027913.20      132.31888  (20121609)
        260460.37   4027943.93      136.21888  (20010809)                260430.31
4027981.19      137.98542  (20010809)
        260398.98   4027994.25      139.34169  (22122009)                260367.65
4028007.30      136.53426  (22122009)
        260336.32   4028020.35      131.23000  (22122009)                260305.00
4028033.41      125.30037  (22122009)
        260273.67   4028046.46      119.43518  (22122009)                260242.34
4028059.52      113.14271  (22122009)
        260211.02   4028072.57      105.05438  (22122009)                260569.56
4027696.14      117.07323  (20121609)
        260660.84   4027735.91      102.88779  (20121609)                260646.27
4027767.01      109.04497  (20121609)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PHASE4 , PHASE3A , PHASE2A , PHASE3B , PHASE2B , PHASE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
260631.70	4027798.10	115.84375	(20121609)	260617.12	4027829.20	120.84258	(20121609)
260602.55	4027860.30	124.68089	(20121609)	260587.98	4027891.40	127.48888	(20121609)
260573.41	4027922.50	128.12592	(20121609)	260558.84	4027953.60	124.64948	(20121609)
260544.27	4027984.69	123.51123	(20010809)	260529.70	4028015.79	127.13645	(20010809)
260499.28	4028053.49	127.02313	(20010809)	260467.58	4028066.70	127.45414	(22122009)
260435.88	4028079.91	125.76033	(22122009)	260404.18	4028093.12	121.79865	(22122009)
260372.48	4028106.33	116.74010	(22122009)	260340.78	4028119.54	110.77989	(22122009)
260309.08	4028132.75	104.45751	(22122009)	260277.38	4028145.96	96.94038	(22122009)
260245.68	4028159.17	87.91713	(22122009)	260213.98	4028172.38	76.90104	(22122009)
260669.32	4027703.06	96.52333	(20121609)	260760.54	4027742.95	86.13957	(20121609)
260745.85	4027774.30	94.17000	(20121609)	260731.16	4027805.65	100.80679	(20121609)
260716.48	4027836.99	106.17766	(20121609)	260701.79	4027868.34	110.53461	(20121609)
260687.10	4027899.69	114.30748	(20121609)	260672.42	4027931.03	117.13231	(20121609)
260657.73	4027962.38	118.18661	(20121609)	260643.04	4027993.73	116.78498	(20121609)
260628.35	4028025.07	111.84116	(20121609)	260613.67	4028056.42	113.90941	(20010809)
260598.98	4028087.77	116.88846	(20010809)	260568.32			

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4028125.77      117.39366  (20010809)
        260536.36   4028139.09      118.10134  (22122009)                260504.41
4028152.40      116.85934  (22122009)
        260472.46   4028165.72      113.55631  (22122009)                260440.50
4028179.03      108.98110  (22122009)
        260408.55   4028192.35      103.56242  (22122009)                260376.59
4028205.67       97.43000  (22122009)
        260344.64   4028218.98       90.11559  (22122009)                260312.69
4028232.30       81.41066  (22122009)
        260280.73   4028245.61       71.50345  (22122009)                260248.78
4028258.93       68.02599  (18123109)
        260216.83   4028272.24       65.83722  (18123109)                260769.08
4027709.98       77.88541  (20121609)
        260860.50   4027749.44       68.10258  (20121609)                260846.22
4027779.91       76.48804  (20121609)
        260831.94   4027810.39       84.05998  (20121609)                260817.67
4027840.87       90.82632  (20121609)
        260803.39   4027871.34       96.61248  (20121609)                260789.11
4027901.82      101.31933  (20121609)
        260774.83   4027932.29      105.42928  (20121609)                260760.55
4027962.77      108.52045  (20121609)
        260746.27   4027993.25      110.53871  (20121609)                260731.99
4028023.72      110.61087  (20121609)
        260717.71   4028054.20      108.09603  (20121609)                260703.43
4028084.67      102.75612  (20121609)
        260689.15   4028115.15      104.82708  (20010809)                260674.87
4028145.63      108.50753  (20010809)
        260660.60   4028176.10      109.72428  (20010809)                260637.92
4028197.81      109.23191  (20010809)
        260606.86   4028210.76      109.84122  (22122009)                260575.79
4028223.71      109.37850  (22122009)
        260544.72   4028236.65      106.92771  (22122009)                260513.66
4028249.60      103.12538  (22122009)
        260482.59   4028262.54       98.37968  (22122009)                260451.53
4028275.49       92.93284  (22122009)
        260420.46   4028288.43       86.51942  (22122009)                260389.39
4028301.38       79.08534  (22122009)
        260358.33   4028314.32       70.55654  (22122009)                260327.26
4028327.27       66.49762  (18123109)
        260296.20   4028340.22       64.55456  (18123109)                260265.13
4028353.16       62.14252  (18123109)
        260234.06   4028366.11       59.20276  (18123109)                260868.84
4027716.90       60.27130  (20121609)
        261059.92   4027763.51       39.70188  (20121609)                261045.42
4027794.44       46.75761  (20121609)
        261030.93   4027825.37       54.18666  (20121609)                261016.43
4027856.31       61.37382  (20121609)
        261001.94   4027887.24       68.59406  (20121609)                260987.45
4027918.18       75.32310  (20121609)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   PHASE4   , PHASE3A
, PHASE2A   , PHASE3B   , PHASE2B   ,
                PHASE1   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        260972.95   4027949.11   81.63390 (20121609)   260958.46
4027980.05   86.78675 (20121609)
        260943.97   4028010.98   91.10068 (20121609)   260929.47
4028041.92   94.66069 (20121609)
        260914.98   4028072.85   97.10509 (20121609)   260900.48
4028103.78   99.36817 (20121609)
        260885.99   4028134.72   99.01041 (20121609)   260871.50
4028165.65   94.31607 (20121609)
        260857.00   4028196.59   89.39839 (20121609)   260842.51
4028227.52   88.79171 (20010809)
        260828.02   4028258.46   92.65601 (20010809)   260813.52
4028289.39   95.58729 (20010809)
        260799.03   4028320.33   96.68259 (20010809)   260776.01
4028342.36   96.20754 (20010809)
        260744.48   4028355.50   96.66724 (22122009)   260712.95
4028368.64   96.84521 (22122009)
        260681.41   4028381.78   95.22020 (22122009)   260649.88
4028394.92   92.20480 (22122009)
        260618.35   4028408.06   88.10767 (22122009)   260586.81
4028421.20   83.13116 (22122009)
        260555.28   4028434.34   77.28135 (22122009)   260523.75
4028447.49   70.49374 (22122009)
        260492.21   4028460.63   62.85219 (22122009)   260460.68
4028473.77   60.91460 (18123109)
        260429.15   4028486.91   59.69940 (18123109)   260397.62
4028500.05   57.57148 (18123109)
        260366.08   4028513.19   55.86649 (18123109)   260334.55

4028526.33 53.11698 (18123109)
260303.02 4028539.47 50.05343 (18123109) 260271.48
4028552.61 46.54076 (20010609)
260239.95 4028565.75 46.87592 (20010609) 261068.36
4027730.74 33.70749 (20121609)
261259.37 4027777.49 32.55853 (18121109) 261244.73
4027808.73 30.84696 (18121109)
261230.10 4027839.96 31.23387 (20121609) 261215.46
4027871.19 37.18508 (20121609)
261200.83 4027902.43 43.60282 (20121609) 261186.20
4027933.66 50.30959 (20121609)
261171.56 4027964.89 57.00867 (20121609) 261156.93
4027996.13 63.36736 (20121609)
261142.30 4028027.36 69.39453 (20121609) 261127.66
4028058.59 74.87519 (20121609)
261113.03 4028089.83 79.44461 (20121609) 261098.39
4028121.06 83.13955 (20121609)
261083.76 4028152.29 86.04479 (20121609) 261069.13
4028183.53 87.84536 (20121609)
261054.49 4028214.76 88.26896 (20121609) 261039.86
4028245.99 86.89633 (20121609)
261025.23 4028277.23 84.00394 (20121609) 261010.59
4028308.46 79.13278 (20121609)
260995.96 4028339.69 75.37913 (20010809) 260981.32
4028370.93 80.21710 (20010809)
260966.69 4028402.16 83.90741 (20010809) 260952.06
4028433.39 86.06583 (20010809)
260937.42 4028464.63 86.55840 (20010809) 260914.19
4028486.88 85.97339 (20010809)
260882.35 4028500.15 86.21687 (22122009) 260850.51
4028513.41 86.92760 (22122009)
260818.67 4028526.68 85.94887 (22122009) 260786.83
4028539.95 83.60006 (22122009)
260755.00 4028553.21 80.13320 (22122009) 260723.16
4028566.48 75.71412 (22122009)
260691.32 4028579.75 70.41689 (22122009) 260659.48
4028593.02 64.92346 (22122009)
260627.64 4028606.28 57.34191 (22122009) 260595.81
4028619.55 55.64871 (18123109)
260563.97 4028632.82 55.34220 (18123109) 260532.13
4028646.08 54.24013 (18123109)
260500.29 4028659.35 52.87791 (18123109) 260468.46
4028672.62 51.04026 (18123109)
260436.62 4028685.89 48.57837 (18123109) 260404.78
4028699.15 45.39932 (18123109)
260372.94 4028712.42 41.45054 (18123109) 260341.10
4028725.69 41.72050 (20010609)
260309.27 4028738.96 42.37802 (20010609) 260277.43
4028752.22 42.83544 (20010609)
260245.59 4028765.49 43.24786 (20010609) 261267.88

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   PHASE4   , PHASE3A
, PHASE2A   , PHASE3B   , PHASE2B   ,
                PHASE1   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

```
4028562.95       77.30097  (20010809)
        261082.89   4028593.82       78.20259  (20010809)                261052.69
4028631.25       77.84914  (20010809)
        261021.23   4028644.37       77.96172  (22122009)                260989.76
4028657.48       78.84864  (22122009)
        260958.29   4028670.59       78.39707  (22122009)                260926.82
4028683.71       76.69000  (22122009)
        260895.35   4028696.82       73.86981  (22122009)                260863.88
4028709.94       70.10850  (22122009)
        260832.41   4028723.05       65.54559  (22122009)                260800.94
4028736.16       60.28379  (22122009)
        260769.47   4028749.28       54.36827  (22122009)                260738.00
4028762.39       49.74295  (18123109)
        260706.53   4028775.50       50.68287  (18123109)                260675.06
4028788.62       50.79561  (18123109)
        260643.59   4028801.73       50.30244  (18123109)                260612.12
4028814.85       49.24869  (18123109)
        260580.65   4028827.96       47.66708  (18123109)                260549.18
4028841.07       45.63013  (18123109)
        260517.71   4028854.19       42.99838  (18123109)                260486.24
4028867.30       39.74383  (18123109)
        260454.77   4028880.41       35.84030  (18123109)                260423.30
4028893.53       36.74881  (20010609)
        260391.83   4028906.64       38.04005  (20010609)                260360.37
4028919.75       38.83619  (20010609)
        260328.90   4028932.87       39.37784  (20010609)                260297.43
4028945.98       39.80369  (20010609)
        260265.96   4028959.10       40.17776  (20010609)                260234.49
4028972.21       40.46403  (20010609)
        261467.40   4027758.42       34.58893  (18121109)                261658.44
4027805.11       33.89167  (18121109)
        261643.87   4027836.20       32.87688  (18121109)                261629.30
4027867.30       31.32150  (18121109)
        261614.73   4027898.40       28.94945  (18121109)                261600.16
4027929.50       25.76118  (18121109)
        261585.59   4027960.60       21.84588  (18121109)                261571.02
4027991.69       19.16726  (22011309)
        261556.45   4028022.79       23.41949  (20121609)                261541.88
4028053.89       28.09873  (20121609)
        261527.30   4028084.99       33.10911  (20121609)                261512.73
4028116.09       38.32079  (20121609)
        261498.16   4028147.19       43.67368  (20121609)                261483.59
4028178.28       49.08036  (20121609)
        261469.02   4028209.38       54.30849  (20121609)                261454.45
4028240.48       59.13667  (20121609)
        261439.88   4028271.58       63.43041  (20121609)                261425.31
4028302.68       67.24799  (20121609)
        261410.74   4028333.77       70.29670  (20121609)                261396.17
4028364.87       72.42428  (20121609)
        261381.60   4028395.97       73.55666  (20121609)                261367.03
```

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   PHASE4   , PHASE3A
, PHASE2A   , PHASE3B   , PHASE2B   ,
                PHASE1   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                               ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        261265.04   4028644.76   66.18751 (20010809)   261250.47
4028675.85   69.14644 (20010809)
        261235.90   4028706.95   71.03993 (20010809)   261221.32
4028738.05   71.79572 (20010809)
        261190.90   4028775.75   71.09755 (20010809)   261159.20
4028788.96   71.06855 (22122009)
        261127.50   4028802.17   72.09942 (22122009)   261095.80
4028815.38   71.93873 (22122009)
        261064.10   4028828.59   70.60334 (22122009)   261032.40
4028841.80   69.16785 (22122009)
        261000.70   4028855.01   65.99729 (22122009)   260969.00
4028868.22   61.87298 (22122009)
        260937.30   4028881.43   56.96188 (22122009)   260905.60
4028894.64   51.31957 (22122009)
        260873.90   4028907.85   45.16879 (22122009)   260842.20
4028921.06   45.43954 (18123109)
        260810.50   4028934.27   46.45380 (18123109)   260778.80
4028947.48   46.72533 (18123109)
        260747.10   4028960.69   46.45674 (18123109)   260715.40

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4028973.90       45.62434  (18123109)
        260683.70   4028987.11       44.32850  (18123109)                260652.00
4029000.32       42.63831  (18123109)
        260620.30   4029013.53       40.42263  (18123109)                260588.60
4029026.74       37.60132  (18123109)
        260556.90   4029039.95       34.12087  (18123109)                260525.20
4029053.16       29.85625  (20010609)
        260493.50   4029066.37       32.36278  (20010609)                260461.80
4029079.58       34.14465  (20010609)
        260430.10   4029092.79       35.34470  (20010609)                260398.40
4029106.00       36.14076  (20010609)
        260366.70   4029119.21       36.69923  (20010609)                260335.00
4029132.42       37.11986  (20010609)
        260303.30   4029145.63       37.42562  (20010609)                260271.60
4029158.84       37.58665  (20010609)
        260239.90   4029172.05       37.53890  (20010609)                261666.92
4027772.26       34.60513  (18121109)
        260195.10   4027643.19      233.05884  (20121609)                260194.68
4027618.34      231.59888  (20121609)
        260194.26   4027593.49      230.02720  (20121609)                260193.84
4027568.64      228.79789  (20121609)
        260193.42   4027543.79      226.45820  (20121609)                260193.01
4027518.94      223.71510  (20121609)
        260192.59   4027494.09      220.65521  (20121609)                260192.17
4027469.24      217.32477  (20121609)
        260191.75   4027444.39      213.96825  (20121609)                260191.33
4027419.55      211.08731  (20121609)
        260190.91   4027394.70      203.41544  (20121609)                260190.50
4027369.85      187.55211  (20121609)
        260190.08   4027345.00      175.29240  (20121609)                260189.66
4027320.15      166.37827  (20121609)
        260189.24   4027295.30      155.54937  (20121609)                260188.82
4027270.45      145.99884  (22121609)
        260188.40   4027245.60      145.55227  (19121116)                260187.99
4027220.75      150.88343  (19121116)
        260187.57   4027195.90      155.99971  (19121116)                260187.15
4027171.05      160.97028  (19121116)
        260186.73   4027146.20      169.61404  (19121116)                260186.31
4027121.35      182.68961  (19121116)
        260185.89   4027096.50      192.22533  (19121116)                260185.48
4027071.65      196.35207  (19121116)
        260185.06   4027046.81      199.97736  (19121116)                260184.64
4027021.96      202.86508  (19121116)
        260184.22   4026997.11      206.86683  (19121116)                260183.80
4026972.26      209.68304  (19121116)
        260183.38   4026947.41      208.37737  (19121116)                260182.96
4026922.56      205.79150  (19121116)
        260220.09   4027642.77      219.06509  (20121609)                260219.68
4027617.92      217.61388  (20121609)
        260219.26   4027593.07      216.06590  (20121609)                260218.84
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4026922.14      189.14255  (19121116)
        260245.09   4027642.35      206.39795  (20121609)                260244.67
4027617.50      205.39926  (20121609)
        260244.25   4027592.65      203.40219  (20121609)                260243.84
4027567.80      196.66051  (20121609)
        260243.42   4027542.95      187.62010  (20121609)                260243.00
4027518.10      184.81958  (20121609)
        260242.58   4027493.25      187.51510  (20121609)                260242.16
4027468.40      188.58327  (20121609)
        260241.74   4027443.55      180.98952  (20121609)                260241.33
4027418.70      171.81510  (20121609)
        260240.91   4027393.85      161.31575  (20121609)                260240.49
4027369.01      151.12934  (20121609)
        260240.07   4027344.16      141.32795  (20121609)                260239.65
4027319.31      139.13714  (22121609)
        260239.23   4027294.46      140.57679  (22121609)                260238.82
4027269.61      140.68307  (22121609)
        260238.40   4027244.76      142.58622  (22121609)                260237.98
4027219.91      143.66812  (22121609)
        260237.56   4027195.06      143.18867  (22121609)                260237.14
4027170.21      147.75502  (22121609)
        260236.72   4027145.36      147.00471  (22121609)                260236.30
4027120.51      146.42364  (22121609)
        260235.89   4027095.66      149.44673  (19121116)                260235.47
4027070.81      154.26064  (19121116)
        260235.05   4027045.96      158.76790  (19121116)                260234.63
4027021.11      162.96641  (19121116)
        260234.21   4026996.26      167.00936  (19121116)                260233.79
4026971.42      170.54463  (19121116)
        260233.38   4026946.57      172.22204  (19121116)                260232.96
4026921.72      172.97639  (19121116)
        260232.54   4026896.87      175.44466  (19121116)                260270.09
4027641.93      194.88841  (20121609)
        260269.67   4027617.08      192.54653  (20121609)                260269.25
4027592.23      190.95138  (20121609)
        260268.83   4027567.38      183.15280  (20121609)                260268.41
4027542.53      177.51282  (20121609)
        260268.00   4027517.68      176.38255  (20121609)                260267.58
4027492.83      176.35879  (20121609)
        260267.16   4027467.98      174.27840  (20121609)                260266.74
4027443.13      165.18714  (20121609)
        260266.32   4027418.28      152.14082  (20121609)                260265.90
4027393.43      144.56456  (20121609)
        260265.49   4027368.58      136.87378  (20121609)                260265.07
4027343.73      131.22542  (22121609)
        260264.65   4027318.89      129.15843  (22121609)                260264.23
4027294.04      129.73944  (22121609)
        260263.81   4027269.19      130.85925  (22121609)                260263.39
4027244.34      135.40108  (22121609)
        260262.97   4027219.49      139.47495  (22121609)                260262.56
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4027194.64      140.40239  (22121609)
        260262.14   4027169.79      140.76577  (22121609)                260261.72
4027144.94      139.51856  (22121609)
        260261.30   4027120.09      138.15795  (22121609)                260260.88
4027095.24      135.93892  (22121609)
        260260.46   4027070.39      137.11376  (19121116)                260320.08
4027641.09      174.31215  (20121609)
        260319.66   4027616.24      172.21117  (20121609)                260319.24
4027591.39      169.90065  (20121609)
        260318.83   4027566.54      165.76411  (20121609)                260318.41
4027541.69      161.03674  (20121609)
        260317.99   4027516.84      156.78061  (20121609)                260317.57
4027491.99      153.23815  (20121609)
        260317.15   4027467.14      149.51402  (20121609)                260316.73
4027442.29      141.35841  (20121609)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 749
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                 PHASE1      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        260316.31   4027417.44      129.02530  (20121609)                260315.90
4027392.59      125.11707  (22121609)
        260315.48   4027367.74      124.99562  (22121609)                260315.06
4027342.89      122.40729  (22121609)
        260314.64   4027318.04      119.28032  (22121609)                260314.22
4027293.19      118.01597  (22121609)
        260313.80   4027268.35      119.62554  (22121609)                260313.39
4027243.50      121.70783  (22121609)
        260312.97   4027218.65      122.66658  (22121609)                260312.55
4027193.80      122.90889  (22121609)
        260312.13   4027168.95      124.69679  (22121609)                260311.71
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        260311.29   4027119.25      119.95509  (22121609)                260310.88
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        260310.46   4027069.55      115.83375  (22121609)                260310.04
4027044.70      113.12121  (19121116)
        260309.62   4027019.85      117.74506  (19121116)                260309.20
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        260308.78   4026970.15      123.62966  (19121116)                260308.37
4026945.30      127.38760  (19121116)
        260307.95   4026920.45      130.91698  (19121116)                260307.53
4026895.60      134.35264  (19121116)
        260370.07   4027640.24      158.03139  (20121609)                260369.65
4027615.39      155.53374  (20121609)
        260369.24   4027590.55      151.63302  (20121609)                260368.82
4027565.70      147.10059  (20121609)
        260368.40   4027540.85      141.38995  (20121609)                260367.98
4027516.00      136.01067  (20121609)
        260367.56   4027491.15      131.59764  (20121609)                260367.14
4027466.30      127.34409  (20121609)
        260366.73   4027441.45      120.25127  (20121609)                260366.31
4027416.60      115.75836  (22121609)
        260365.89   4027391.75      116.38766  (22121609)                260365.47
4027366.90      116.53410  (22121609)
        260365.05   4027342.05      116.63943  (22121609)                260364.63
4027317.20      116.86961  (22121609)
        260364.22   4027292.35      114.85274  (22121609)                260363.80
4027267.50      113.25883  (22121609)
        260363.38   4027242.65      112.73384  (22121609)                260362.96
4027217.80      111.58801  (22121609)
        260362.54   4027192.96      109.89496  (22121609)                260362.12
4027168.11      109.65145  (22121609)
        260361.71   4027143.26      110.40633  (22121609)                260361.29
4027118.41      109.04829  (22121609)
        260360.87   4027093.56      107.53157  (22121609)                260360.45
4027068.71      103.89705  (22121609)
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        260419.23   4027589.70      137.07654  (20121609)                260418.81
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        260418.39   4027540.00      128.33797  (20121609)                260417.97
4027515.16      123.06126  (20121609)
        260417.56   4027490.31      116.59937  (20121609)                260417.14
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        260416.72   4027440.61      107.28916  (22121609)                260416.30
4027415.76      109.23530  (22121609)
        260415.88   4027390.91      109.77963  (22121609)                260415.46
4027366.06      108.42746  (22121609)
        260415.05   4027341.21      107.13720  (22121609)                260414.63
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        260414.21   4027291.51      105.37484  (22121609)                260413.79
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        260412.54   4027192.11      103.93654  (22121609)                260412.12
4027167.26      106.78627  (22121609)
        260411.70   4027142.41      108.17862  (22121609)                260411.28
4027117.57      106.65199  (22121609)
        260410.86   4027092.72      103.25627  (22121609)                260410.44
4027067.87       97.52181  (22121609)
        260410.02   4027043.02       89.68435  (22121609)                260409.61
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        260409.19   4026993.32       77.37259  (19121116)                260408.77
4026968.47       82.29828  (19121116)
        260408.35   4026943.62       86.55588  (19121116)                260407.93
4026918.77       90.33446  (19121116)
        260407.51   4026893.92       94.13295  (19121116)                260470.48
4027663.41      133.24520  (20121609)
        260470.06   4027638.56      129.80133  (20121609)                260469.64
4027613.71      127.12353  (20121609)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 750
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                PHASE1      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4027564.01      118.73020  (20121609)
        260468.39   4027539.16      113.37300  (20121609)                260467.97
4027514.31      106.96868  (20121609)
        260467.55   4027489.46       99.81682  (20121609)                260467.13
4027464.61       98.34047  (22121609)
        260466.71   4027439.77      100.90447  (22121609)                260466.29
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        260465.04   4027340.37      101.71721  (22121609)                260464.62
4027315.52      100.77155  (22121609)
        260464.20   4027290.67       98.92258  (22121609)                260463.78
4027265.82       97.29439  (22121609)
        260463.36   4027240.97       99.05349  (22121609)                260462.95
4027216.12      101.68195  (22121609)
        260462.53   4027191.27      103.59370  (22121609)                260462.11
4027166.42      104.02607  (22121609)
        260461.69   4027141.57      102.56232  (22121609)                260461.27
4027116.72       99.81290  (22121609)
        260460.85   4027091.87       96.43675  (22121609)                260460.44
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        260569.63   4027612.03      102.47207  (20121609)                260569.21
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        260568.79   4027562.33       91.07813  (20121609)                260568.37
4027537.48       84.12063  (20121609)
        260567.95   4027512.63       82.83116  (22121609)                260567.53
4027487.78       85.71945  (22121609)
        260567.12   4027462.93       88.37906  (22121609)                260566.70
4027438.08       90.41436  (22121609)
        260566.28   4027413.23       91.96444  (22121609)                260565.86
4027388.38       92.89178  (22121609)
        260565.44   4027363.53       93.46627  (22121609)                260565.02
4027338.68       93.85613  (22121609)
        260564.61   4027313.84       94.07547  (22121609)                260564.19
4027288.99       94.04217  (22121609)
        260563.77   4027264.14       93.45281  (22121609)                260563.35
4027239.29       93.50860  (22121609)
        260562.93   4027214.44       93.45466  (22121609)                260562.51
4027189.59       93.53191  (22121609)
        260562.10   4027164.74       93.43915  (22121609)                260561.68
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        260561.26   4027115.04       90.55362  (22121609)                260560.84
4027090.19       87.12249  (22121609)
        260560.42   4027065.34       82.51628  (22121609)                260560.00
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        260559.59   4027015.64       71.09720  (22121609)                260559.17
4026990.79       64.43585  (22121609)
        260558.75   4026965.94       57.01601  (22121609)                260558.33
4026941.09       52.31327  (21122009)
        260557.91   4026916.25       53.05617  (21122009)                260557.49
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        260666.27   4027411.55       83.89991  (22121609)                260665.85
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        260665.43   4027361.85       85.47784  (22121609)                260665.01
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        260663.75   4027262.45       86.49782  (22121609)                260663.34
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        260662.92   4027212.75       86.41273  (22121609)                260662.50
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        260662.08   4027163.06       85.40563  (22121609)                260661.66
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        260660.41   4027063.66       74.99272  (22121609)                260769.98
4027675.57       69.82936  (20121609)
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 751
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                 PHASE1      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
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        260765.83   4027385.02       78.30818  (22121609)                260765.41
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        260765.00   4027335.32       79.40127  (22121609)                260764.58
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        260761.65   4027136.52       77.09852  (22121609)                260761.23
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        260759.14   4026987.43       52.62851  (22121609)                260758.72
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4027557.28       59.56738  (22121609)
        260868.33   4027532.43       62.57436  (22121609)                260867.91
4027507.58       65.08038  (22121609)
        260867.49   4027482.73       67.25380  (22121609)                260867.07
4027457.88       69.14716  (22121609)
        260866.66   4027433.03       70.75009  (22121609)                260866.24
4027408.18       72.02514  (22121609)
        260865.82   4027383.33       72.87244  (22121609)                260865.40
4027358.48       74.66955  (22121609)
        260864.98   4027333.63       74.35344  (22121609)                260864.56
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        260863.31   4027234.24       73.58785  (22121609)                260862.89
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        260862.47   4027184.54       73.86182  (22121609)                260862.05
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4027330.27       65.63406  (22121609)
        261064.54   4027305.42       65.60496  (22121609)                261064.12
4027280.57       64.56737  (22121609)
        261063.70   4027255.72       63.88746  (22121609)                261063.28
4027230.87       64.63880  (22121609)
        261062.86   4027206.02       65.20420  (22121609)                261062.44
4027181.17       64.84429  (22121609)
        261062.02   4027156.32       63.88893  (22121609)                261061.61
4027131.47       62.23545  (22121609)
        261061.19   4027106.62       59.38795  (22121609)                261060.77
4027081.77       57.37154  (22121609)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 752
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                PHASE1      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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4027673.60 35.39372 (18121109)
261269.12 4027697.26 35.13200 (18121109) 261268.50
4027720.92 34.66999 (18121109)
261270.36 4027649.94 35.51963 (18121109) 261269.95
4027625.09 35.87715 (22121609)
261269.53 4027600.24 40.09250 (22121609) 261269.11
4027575.39 43.74925 (22121609)
261268.69 4027550.54 46.71181 (22121609) 261268.27
4027525.70 49.13856 (22121609)
261267.85 4027500.85 49.93208 (22121609) 261267.44
4027476.00 52.30761 (22121609)
261267.02 4027451.15 55.58409 (22121609) 261266.60
4027426.30 56.26512 (22121609)
261266.18 4027401.45 57.21279 (22121609) 261265.76
4027376.60 57.75677 (22121609)
261265.34 4027351.75 58.16732 (22121609) 261264.93
4027326.90 59.18070 (22121609)
261264.51 4027302.05 59.49533 (22121609) 261264.09
4027277.20 59.62776 (22121609)
261263.67 4027252.35 59.30934 (22121609) 261263.25
4027227.50 58.17402 (22121609)
261262.83 4027202.65 57.22239 (22121609) 261262.41
4027177.80 57.26789 (22121609)
261262.00 4027152.95 56.57001 (22121609) 261261.58
4027128.11 55.23757 (22121609)
261261.16 4027103.26 53.37631 (22121609) 261260.74
4027078.41 50.95266 (22121609)
261260.32 4027053.56 47.97133 (22121609) 261469.75
4027668.94 35.18499 (18121109)
261468.58 4027713.68 35.20961 (18121109) 261470.34
4027646.58 35.05105 (18121109)
261469.92 4027621.73 34.62754 (18121109) 261469.50
4027596.88 36.42688 (22121609)
261469.08 4027572.03 39.68774 (22121609) 261468.66
4027547.18 42.39348 (22121609)
261468.24 4027522.33 44.81801 (22121609) 261467.83
4027497.48 46.95109 (22121609)
261467.41 4027472.63 48.74221 (22121609) 261466.99
4027447.78 50.18416 (22121609)
261466.57 4027422.93 51.34061 (22121609) 261466.15
4027398.08 52.30038 (22121609)
261465.73 4027373.23 53.09537 (22121609) 261465.32
4027348.38 53.68195 (22121609)
261464.90 4027323.53 54.10170 (22121609) 261464.48
4027298.68 54.35401 (22121609)
261464.06 4027273.83 54.42324 (22121609) 261463.64
4027248.99 54.27670 (22121609)
261463.22 4027224.14 53.91808 (22121609) 261462.80

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4027199.29       53.43202  (22121609)
        261462.39   4027174.44       52.56381  (22121609)                261461.97
4027149.59       51.16366  (22121609)
        261461.55   4027124.74       49.42894  (22121609)                261461.13
4027099.89       47.61274  (22121609)
        261460.71   4027075.04       45.58032  (22121609)                261460.29
4027050.19       42.97636  (22121609)
        261459.88   4027025.34       39.66978  (22121609)                261459.46
4027000.49       36.08425  (22121609)
        261459.04   4026975.64       32.24455  (22121609)                261458.62
4026950.79       28.16200  (22121609)
        261458.20   4026925.94       23.96231  (22121609)                261457.78
4026901.09       25.17440  (22120209)
        261457.37   4026876.25       26.66377  (22120209)                261669.74
4027664.72       35.25102  (18121109)
        261668.62   4027707.73       35.33543  (18121109)                261669.89
4027618.36       34.84993  (18121109)
        261669.47   4027593.51       34.56349  (18121109)                261669.05
4027568.66       36.49773  (22121609)
        261668.63   4027543.81       39.07766  (22121609)                261668.22
4027518.96       41.32459  (22121609)
        261667.80   4027494.11       43.24745  (22121609)                261667.38
4027469.26       44.87246  (22121609)
        261666.96   4027444.41       46.22348  (22121609)                261666.54
4027419.56       47.34359  (22121609)
        261666.12   4027394.71       48.25584  (22121609)                261665.71
4027369.87       48.97666  (22121609)
        261665.29   4027345.02       49.52126  (22121609)                261664.87
4027320.17       49.87507  (22121609)
        261664.45   4027295.32       50.09990  (22121609)                261664.03
4027270.47       50.14211  (22121609)
1 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                      ***        18:20:08

                                 PAGE 753
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     PHASE4      , PHASE3A
, PHASE2A     , PHASE3B     , PHASE2B     ,
                PHASE1      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                               ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **
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      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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4026689.27   51.52571 (22010709)
        260708.17   4026711.78   48.81419 (22010709)   260714.46
4026734.28   47.43875 (21122009)
        260720.75   4026756.78   46.31208 (21122009)   260727.05
4026779.28   45.28054 (21122009)
        260733.34   4026801.78   44.08347 (21122009)   260739.63
4026824.28   42.78573 (21122009)
        260745.93   4026846.78   41.41586 (22120209)   260763.05
4026548.84   53.63329 (22010709)
        260769.34   4026571.34   51.72549 (22010709)   260775.64
4026593.84   49.51099 (22010709)
        260781.93   4026616.34   47.48511 (21122009)   260788.22
4026638.84   46.23512 (21122009)
        260794.52   4026661.34   44.99305 (21122009)   260800.81
4026683.84   43.71675 (21122009)
        260807.10   4026706.34   42.56862 (21122009)   260813.40
4026728.84   41.42127 (21122009)
        260825.98   4026773.84   40.97443 (22120209)   260846.96
4026848.84   40.00045 (22120209)
        260935.75   4026447.97   44.12318 (21122009)   260942.04
4026470.47   43.29686 (21122009)
        260948.34   4026492.97   42.28443 (21122009)   260954.63
4026515.47   41.21624 (21122009)
        260960.92   4026537.97   40.19669 (21122009)   260967.22
4026560.47   39.15705 (21122009)
        260973.51   4026582.97   38.05513 (21122009)   260979.80
4026605.47   36.85977 (21122009)
        260986.10   4026627.97   37.67741 (22120209)   260992.39
4026650.47   38.65671 (22120209)
        260998.68   4026672.97   39.63823 (22120209)   261004.98
4026695.47   40.22085 (22120209)
        261011.27   4026717.98   40.50588 (22120209)   261019.66
4026747.98   40.37549 (22120209)
        261108.46   4026347.13   39.22620 (21122009)   261114.80
4026369.78   38.33933 (21122009)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   PHASE4   , PHASE3A
, PHASE2A   , PHASE3B   , PHASE2B   ,
                PHASE1   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS

***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
261121.13	4026392.44	37.38180	(21122009)	261127.47	4026415.10	36.39420	(21122009)
261133.81	4026437.76	35.38949	(21122009)	261140.15	4026460.42	34.36952	(21122009)
261146.48	4026483.08	33.31887	(21122009)	261152.82	4026505.74	34.19290	(22120209)
261159.16	4026528.40	35.75582	(22120209)	261165.50	4026551.06	37.06717	(22120209)
261171.84	4026573.72	38.05291	(22120209)	261178.17	4026596.37	38.35979	(22120209)
261184.51	4026619.03	38.54023	(22120209)	261190.85	4026641.69	38.58909	(22120209)
261197.19	4026664.35	38.62115	(22120209)	261203.52	4026687.01	38.66196	(22120209)
261209.86	4026709.67	38.71571	(22120209)	261219.37	4026743.66	38.17671	(22120209)
261281.16	4026246.25	34.98070	(21122009)	261287.49	4026268.89	34.07580	(21122009)
261293.82	4026291.52	33.08657	(21122009)	261300.15	4026314.16	32.02226	(21122009)
261306.48	4026336.79	31.05145	(21122009)	261312.81	4026359.42	30.19468	(21122009)
261319.14	4026382.06	29.28107	(22120209)	261325.47	4026404.69	31.24592	(22120209)
261331.80	4026427.33	32.92781	(22120209)	261338.13	4026449.96	34.44523	(22120209)
261344.47	4026472.60	35.48123	(22120209)	261350.80	4026495.23	36.55228	(22120209)
261357.13	4026517.87	37.60319	(22120209)	261363.46	4026540.50	38.39437	(22120209)
261369.79	4026563.14	38.76644	(22120209)	261376.12	4026585.77	38.83896	(22120209)
261382.45	4026608.40	38.62396	(22120209)	261388.78	4026631.04	38.24872	(22120209)
261395.11	4026653.67	37.91361	(22120209)	261401.44	4026676.31	37.36225	(22120209)
261407.77	4026698.94	36.48712	(22120209)	261414.10	4026721.58	35.57234	(22120209)
261420.44	4026744.21	34.55067	(22120209)	261426.77	4026766.85	33.58497	(22120209)
261433.10	4026789.48	32.27230	(22120209)	261439.43			

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4026812.11       30.89218  (22120209)
        261445.76   4026834.75       29.39835  (22120209)                261453.86
4026145.38       31.55016  (21122009)
        261460.18   4026168.00       30.76503  (21122009)                261466.51
4026190.61       29.90668  (21122009)
        261472.83   4026213.23       28.99499  (21122009)                261479.16
4026235.85       28.03400  (21122009)
        261485.49   4026258.46       27.01012  (21122009)                261491.81
4026281.08       27.24241  (22120209)
        261498.14   4026303.70       29.07158  (22120209)                261504.46
4026326.31       30.76849  (22120209)
        261510.79   4026348.93       32.32120  (22120209)                261517.11
4026371.55       33.64570  (22120209)
        261523.44   4026394.16       34.80477  (22120209)                261529.77
4026416.78       35.55282  (22120209)
        261536.09   4026439.39       35.92454  (22120209)                261542.42
4026462.01       36.28886  (22120209)
        261548.74   4026484.63       36.83537  (22120209)                261555.07
4026507.24       37.59457  (22120209)
        261561.40   4026529.86       37.77353  (22120209)                261567.72
4026552.48       37.55034  (22120209)
        261574.05   4026575.09       37.08866  (22120209)                261580.37
4026597.71       36.63412  (22120209)
        261586.70   4026620.33       35.98617  (22120209)                261593.02
4026642.94       35.11690  (22120209)
        261599.35   4026665.56       34.09183  (22120209)                261605.68
4026688.18       33.10941  (22120209)
        261612.00   4026710.79       31.90531  (22120209)                261618.33
4026733.41       30.70309  (22120209)
        261624.65   4026756.03       29.44640  (22120209)                261630.98
4026778.64       27.97105  (22120209)
        261637.31   4026801.26       26.43176  (22120209)                261643.63
4026823.88       24.87432  (22120209)
        261649.96   4026846.49       23.22538  (22120209)                260178.22
4026852.86      202.62487  (19121116)
        260186.13   4026829.14      187.84011  (19121116)                260206.65
4026845.81      189.65835  (19121116)
        260187.19   4026799.87      171.87802  (19121116)                260223.53
4026769.10      168.13518  (19121116)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                PAGE 755
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     PHASE4      , PHASE3A
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, PHASE2A     , PHASE3B     , PHASE2B     ,
                 PHASE1      ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF OTHER    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
        260244.05   4026785.76      169.76585  (19121116)                260264.57
4026802.43      162.65504  (19121116)
        260226.11   4026710.93      148.00105  (19121116)                260248.00
4026728.70      156.26676  (19121116)
        260299.44   4026710.19      148.39156  (19121116)                260321.04
4026727.73      143.75828  (19121116)
        260342.64   4026745.27      136.92395  (19121116)                260257.58
4026615.93      122.99519  (19121116)
        260278.99   4026633.32      132.96515  (19121116)                260300.41
4026650.70      138.91506  (19121116)
        260321.82   4026668.09      139.84536  (19121116)                260343.24
4026685.48      136.85220  (19121116)
        260333.14   4026556.74      116.90910  (19121116)                260355.03
4026574.51      121.08402  (19121116)
        260376.92   4026592.29      122.04160  (19121116)                260398.81
4026610.06      121.08697  (19121116)
        260420.70   4026627.83      117.25159  (19121116)                260442.59
4026645.61      110.59339  (19121116)
        260464.49   4026663.38      103.12375  (19121116)                260486.38
4026681.15       95.05299  (19121116)
        260320.88   4026426.24       84.53677  (19121116)                260342.49
4026443.78       92.14170  (19121116)
        260364.09   4026461.32      101.53415  (19121116)                260385.69
4026478.86      109.10166  (19121116)
        260407.30   4026496.40      113.55250  (19121116)                260428.90
4026513.94      114.71507  (19121116)
        260450.50   4026531.48      114.44108  (19121116)                260472.11
4026549.02      110.55290  (19121116)
        260572.92   4026630.87       78.85327  (19121116)                260352.60
4026331.45       75.81146  (19121116)
        260374.49   4026349.23       79.75444  (19121116)                260396.39
4026367.00       85.55728  (19121116)
        260483.95   4026438.10      106.02854  (19121116)                260505.84
4026455.87      105.82349  (19121116)
        260527.73   4026473.64      102.86592  (19121116)                260549.62
4026491.42       98.08047  (19121116)
        260571.51   4026509.19       92.26982  (19121116)                260593.40
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4026526.96       85.47245  (19121116)
        260615.30   4026544.74       78.59800  (19121116)                260637.19
4026562.51       71.48271  (19121116)
        260659.08   4026580.28       64.11997  (19121116)                260384.16
4026236.53       67.65283  (19121116)
        260405.84   4026254.14       70.28234  (19121116)                260427.53
4026271.74       75.26741  (19121116)
        260449.21   4026289.35       81.53717  (19121116)                260470.90
4026306.95       88.32924  (19121116)
        260492.58   4026324.56       93.61764  (19121116)                260514.26
4026342.17       96.79000  (19121116)
        260535.95   4026359.77       99.11418  (19121116)                260557.63
4026377.38       99.15072  (19121116)
        260579.32   4026394.98       96.55345  (19121116)                260601.00
4026412.59       91.44608  (19121116)
        260622.69   4026430.19       85.73621  (19121116)                260644.37
4026447.80       79.55734  (19121116)
        260709.42   4026500.62       61.89405  (19121116)                260731.11
4026518.22       58.45021  (22010709)
        260447.42   4026046.81       59.85992  (19121116)                260469.15
4026064.45       61.35428  (19121116)
        260505.36   4026093.85       65.31351  (19121116)                260548.82
4026129.14       72.76695  (19121116)
        260570.55   4026146.78       76.95404  (19121116)                260592.28
4026164.42       81.53007  (19121116)
        260614.01   4026182.07       85.31542  (19121116)                260635.74
4026199.71       87.53255  (19121116)
        260657.47   4026217.35       87.74458  (19121116)                260679.20
4026235.00       86.41658  (19121116)
        260700.93   4026252.64       84.33358  (19121116)                260722.66
4026270.28       80.45656  (19121116)
        260744.39   4026287.92       75.62569  (19121116)                260766.12
4026305.57       70.03428  (19121116)
        260860.29   4026382.02       52.87065  (22010709)                260882.02
4026399.66       50.17129  (22010709)
        260903.75   4026417.30       47.15558  (22010709)                260510.67
4025857.08       50.73297  (19121116)
        260532.43   4025874.74       53.11213  (19121116)                260554.19
4025892.41       55.03058  (19121116)
        260575.95   4025910.08       56.72546  (19121116)                260699.25
4026010.19       72.99536  (19121116)
        260721.01   4026027.85       76.03132  (19121116)                260742.77
4026045.52       78.11906  (19121116)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 756
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PHASE4 , PHASE3A , PHASE2A , PHASE3B , PHASE2B , PHASE1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
260764.53	4026063.19	78.73545	(19121116)	260786.29	4026080.85	77.55026	(19121116)
260808.05	4026098.52	75.00234	(19121116)	260829.81	4026116.18	72.12494	(19121116)
260851.57	4026133.85	69.16745	(19121116)	260873.32	4026151.52	64.62734	(19121116)
260895.08	4026169.18	59.53753	(19121116)	260916.84	4026186.85	54.38230	(19121116)
261011.13	4026263.40	45.81740	(22010709)	261032.89	4026281.07	43.15818	(22010709)
261054.65	4026298.74	41.49193	(21122009)	261076.41	4026316.40	40.97356	(21122009)
260573.93	4025667.35	40.19849	(19121116)	260595.71	4025685.03	43.43285	(19121116)
260617.48	4025702.71	46.15326	(19121116)	260639.26	4025720.39	48.33739	(19121116)
260661.04	4025738.08	50.08361	(19121116)	260769.94	4025826.49	62.51389	(19121116)
260849.80	4025891.33	70.45485	(19121116)	260871.58	4025909.01	70.80849	(19121116)
260893.36	4025926.69	70.40385	(19121116)	260915.13	4025944.38	69.15595	(19121116)
260936.91	4025962.06	66.72999	(19121116)	260958.69	4025979.74	63.35608	(19121116)
260980.47	4025997.43	59.30753	(19121116)	261002.25	4026015.11	54.87775	(19121116)
261024.03	4026032.79	50.50370	(19121116)	261045.81	4026050.47	48.78669	(22010709)
261067.59	4026068.16	47.95310	(22010709)	261089.37	4026085.84	46.63968	(22010709)
261111.15	4026103.52	44.90711	(22010709)	261132.93	4026121.20	42.87394	(22010709)
261154.71	4026138.89	40.66860	(22010709)	261176.49			

```
4026156.57       38.15091  (22010709)
        261198.26   4026174.25       37.66316  (21122009)                261220.04
4026191.94       37.56651  (21122009)
        261241.82   4026209.62       37.00902  (21122009)                261263.60
4026227.30       36.05292  (21122009)
        260637.18   4025477.61       34.85924  (19120316)                260658.97
4025495.31       34.72476  (19120316)
        260680.76   4025513.00       35.75429  (19121116)                260702.56
4025530.70       39.00606  (19121116)
        260724.35   4025548.39       42.07415  (19121116)                260746.15
4025566.09       44.57328  (19121116)
        260767.94   4025583.78       46.85962  (19121116)                260789.73
4025601.48       48.95512  (19121116)
        260811.53   4025619.17       51.00696  (19121116)                260833.32
4025636.87       53.11794  (19121116)
        260855.12   4025654.56       55.27015  (19121116)                260876.91
4025672.26       57.61694  (19121116)
        260898.71   4025689.95       60.07071  (19121116)                260920.50
4025707.65       62.08674  (19121116)
        260942.29   4025725.34       63.31332  (19121116)                260964.09
4025743.04       64.00384  (19121116)
        260985.88   4025760.73       63.95612  (19121116)                261007.68
4025778.43       63.21732  (19121116)
        261029.47   4025796.12       61.84381  (19121116)                261051.26
4025813.82       60.58197  (19121116)
        261073.06   4025831.51       58.03495  (19121116)                261094.85
4025849.21       54.62893  (19121116)
        261116.65   4025866.90       50.70937  (19121116)                261138.44
4025884.59       46.50820  (19121116)
        261160.23   4025902.29       45.56929  (22010709)                261182.03
4025919.98       45.21143  (22010709)
        261203.82   4025937.68       44.26875  (22010709)                261225.62
4025955.37       42.98053  (22010709)
        261247.41   4025973.07       41.36564  (22010709)                261269.20
4025990.76       39.48577  (22010709)
        261291.00   4026008.46       37.33714  (22010709)                261312.79
4026026.15       34.98634  (22010709)
        261334.59   4026043.85       34.47985  (21122009)                261356.38
4026061.54       34.74800  (21122009)
        261378.18   4026079.24       34.56723  (21122009)                261399.97
4026096.93       34.01581  (21122009)
        261421.76   4026114.63       33.21507  (21122009)                259786.65
4026922.81      153.28019  (19121116)
        259785.22   4026946.18      151.25224  (19121116)                259786.24
4026967.32      149.95085  (19121116)
        259787.46   4026993.13      152.06922  (19121116)                259786.85
4027016.70      154.71991  (19121116)
 *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

GROUP ID	NETWORK AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
PHASE1	1ST HIGHEST VALUE IS	1.64558 AT (259786.85, 4027016.70, 75.95, 75.95, 0.00)	DC	
	2ND HIGHEST VALUE IS	1.50452 AT (259813.14, 4027015.30, 76.44, 76.44, 0.00)	DC	
	3RD HIGHEST VALUE IS	1.42513 AT (259863.14, 4027014.44, 76.73, 76.73, 0.00)	DC	
	4TH HIGHEST VALUE IS	1.39024 AT (259787.46, 4026993.13, 75.63, 75.63, 0.00)	DC	
	5TH HIGHEST VALUE IS	1.37620 AT (259888.13, 4027014.02, 76.05, 76.05, 0.00)	DC	
	6TH HIGHEST VALUE IS	1.33965 AT (259913.13, 4027013.59, 76.00, 76.00, 0.00)	DC	
	7TH HIGHEST VALUE IS	1.32199 AT (259938.13, 4027013.16, 77.21, 77.21, 0.00)	DC	
	8TH HIGHEST VALUE IS	1.25231 AT (259786.24, 4026967.32, 74.03, 74.03, 0.00)	DC	
	9TH HIGHEST VALUE IS	1.22724 AT (259694.18, 4026881.02, 75.30, 75.30, 0.00)	DC	
	10TH HIGHEST VALUE IS	1.22505 AT (259718.91, 4026880.47, 75.65, 75.65, 0.00)	DC	
PHASE2A	1ST HIGHEST VALUE IS	0.72188 AT (259398.39, 4027016.78, 74.45, 74.45, 0.00)	DC	
	2ND HIGHEST VALUE IS	0.70073 AT (260190.08, 4027345.00, 75.00, 75.00, 0.00)	DC	
	3RD HIGHEST VALUE IS	0.64219 AT (259338.38, 4027316.19, 75.13, 75.13, 0.00)	DC	
	4TH HIGHEST VALUE IS	0.63607 AT (260190.50, 4027369.85, 75.65, 75.65, 0.00)	DC	
	5TH HIGHEST VALUE IS	0.63185 AT (259338.18, 4027292.34, 73.55, 73.55, 0.00)	DC	

```
          6TH HIGHEST VALUE IS      0.62171 AT (  259338.58,  4027340.05,    75.89,
   78.00,    0.00)  DC
          7TH HIGHEST VALUE IS      0.61549 AT (  260189.66,  4027320.15,    74.99,
   74.99,    0.00)  DC
          8TH HIGHEST VALUE IS      0.61490 AT (  259337.98,  4027268.62,    72.40,
   72.40,    0.00)  DC
          9TH HIGHEST VALUE IS      0.60496 AT (  259337.64,  4027244.43,    72.21,
   72.21,    0.00)  DC
         10TH HIGHEST VALUE IS      0.59774 AT (  259339.22,  4027365.21,    76.08,
   76.08,    0.00)  DC

PHASE2B   1ST HIGHEST VALUE IS      0.92594 AT (  260186.31,  4027121.35,    76.29,
   76.29,    0.00)  DC
          2ND HIGHEST VALUE IS      0.92229 AT (  260186.73,  4027146.20,    74.92,
   74.92,    0.00)  DC
          3RD HIGHEST VALUE IS      0.90464 AT (  260187.15,  4027171.05,    74.19,
   74.19,    0.00)  DC
          4TH HIGHEST VALUE IS      0.88523 AT (  260187.57,  4027195.90,    74.16,
   74.16,    0.00)  DC
          5TH HIGHEST VALUE IS      0.84569 AT (  260187.99,  4027220.75,    74.13,
   74.13,    0.00)  DC
          6TH HIGHEST VALUE IS      0.83509 AT (  260185.89,  4027096.50,    77.00,
   77.00,    0.00)  DC
          7TH HIGHEST VALUE IS      0.78173 AT (  260188.40,  4027245.60,    74.08,
   74.08,    0.00)  DC
          8TH HIGHEST VALUE IS      0.69457 AT (  260188.82,  4027270.45,    74.36,
   74.36,    0.00)  DC
          9TH HIGHEST VALUE IS      0.63940 AT (  260185.48,  4027071.65,    77.28,
   77.28,    0.00)  DC
         10TH HIGHEST VALUE IS      0.58994 AT (  260211.73,  4027145.78,    76.26,
   76.26,    0.00)  DC

PHASE3A   1ST HIGHEST VALUE IS      0.58832 AT (  259801.52,  4027722.99,    75.62,
   75.62,    0.00)  DC
          2ND HIGHEST VALUE IS      0.58743 AT (  259824.78,  4027721.71,    76.44,
   76.44,    0.00)  DC
          3RD HIGHEST VALUE IS      0.58458 AT (  259709.26,  4027727.61,    74.41,
   74.41,    0.00)  DC
          4TH HIGHEST VALUE IS      0.58454 AT (  259778.26,  4027724.27,    74.80,
   74.80,    0.00)  DC
          5TH HIGHEST VALUE IS      0.58119 AT (  259755.00,  4027725.55,    74.24,
   74.24,    0.00)  DC
          6TH HIGHEST VALUE IS      0.56902 AT (  259848.04,  4027720.44,    76.26,
   76.26,    0.00)  DC
          7TH HIGHEST VALUE IS      0.56678 AT (  259665.29,  4027729.15,    74.67,
   74.67,    0.00)  DC
          8TH HIGHEST VALUE IS      0.54448 AT (  259871.30,  4027719.16,    76.00,
   76.00,    0.00)  DC
          9TH HIGHEST VALUE IS      0.52154 AT (  259894.56,  4027717.88,    76.30,
   76.30,    0.00)  DC
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                                      *** THE SUMMARY OF MAXIMUM PERIOD (43824
HRS) RESULTS ***

                                    ** CONC OF OTHER   IN MICROGRAMS/M**3
             **

                      NETWORK
GROUP ID   AVERAGE CONC   RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG) OF TYPE GRID-ID
- -
- - - - - - - - - - - - - - - - - - -

PHASE3B   1ST HIGHEST VALUE IS   0.98391 AT (260122.88, 4026867.29,   75.91,
   75.91,   0.00) DC
         2ND HIGHEST VALUE IS   0.98352 AT (260099.69, 4026867.81,   75.92,
   75.92,   0.00) DC
         3RD HIGHEST VALUE IS   0.94593 AT (260183.38, 4026947.41,   76.58,
   76.58,   0.00) DC
         4TH HIGHEST VALUE IS   0.93576 AT (260182.96, 4026922.56,   76.00,
   76.00,   0.00) DC
         5TH HIGHEST VALUE IS   0.93264 AT (260076.51, 4026868.33,   75.16,
   75.16,   0.00) DC
         6TH HIGHEST VALUE IS   0.92415 AT (260183.80, 4026972.26,   77.41,
   77.41,   0.00) DC
         7TH HIGHEST VALUE IS   0.88348 AT (260053.32, 4026868.85,   75.54,
   75.54,   0.00) DC
         8TH HIGHEST VALUE IS   0.84507 AT (260184.22, 4026997.11,   78.24,
   78.24,   0.00) DC
         9TH HIGHEST VALUE IS   0.80644 AT (260030.13, 4026869.37,   76.33,
   76.33,   0.00) DC
        10TH HIGHEST VALUE IS   0.74139 AT (260184.64, 4027021.96,   78.93,
   78.93,   0.00) DC

PHASE4   1ST HIGHEST VALUE IS   1.01247 AT (260192.59, 4027494.09,   77.84,
   77.84,   0.00) DC
         2ND HIGHEST VALUE IS   1.00816 AT (260192.17, 4027469.24,   77.90,
   77.90,   0.00) DC
         3RD HIGHEST VALUE IS   0.99795 AT (260193.01, 4027518.94,   77.74,

```
   77.74,    0.00)  DC
          4TH HIGHEST VALUE IS       0.98588 AT (  260191.75,  4027444.39,    77.14,
   77.14,    0.00)  DC
          5TH HIGHEST VALUE IS       0.96035 AT (  260193.42,  4027543.79,    77.76,
   77.76,    0.00)  DC
          6TH HIGHEST VALUE IS       0.89865 AT (  260191.33,  4027419.55,    77.00,
   77.00,    0.00)  DC
          7TH HIGHEST VALUE IS       0.88509 AT (  260193.84,  4027568.64,    78.20,
   78.20,    0.00)  DC
          8TH HIGHEST VALUE IS       0.77308 AT (  260194.26,  4027593.49,    79.00,
   79.00,    0.00)  DC
          9TH HIGHEST VALUE IS       0.70193 AT (  260190.91,  4027394.70,    76.47,
   76.47,    0.00)  DC
         10TH HIGHEST VALUE IS       0.65613 AT (  260194.68,  4027618.34,    79.00,
   79.00,    0.00)  DC

ALL       1ST HIGHEST VALUE IS       2.11633 AT (  259938.13,  4027013.16,    77.21,
   77.21,    0.00)  DC
          2ND HIGHEST VALUE IS       1.99253 AT (  259786.85,  4027016.70,    75.95,
   75.95,    0.00)  DC
          3RD HIGHEST VALUE IS       1.90557 AT (  259913.13,  4027013.59,    76.00,
   76.00,    0.00)  DC
          4TH HIGHEST VALUE IS       1.85737 AT (  259813.14,  4027015.30,    76.44,
   76.44,    0.00)  DC
          5TH HIGHEST VALUE IS       1.83736 AT (  259888.13,  4027014.02,    76.05,
   76.05,    0.00)  DC
          6TH HIGHEST VALUE IS       1.82807 AT (  259863.14,  4027014.44,    76.73,
   76.73,    0.00)  DC
          7TH HIGHEST VALUE IS       1.73060 AT (  259937.73,  4026989.80,    77.18,
   77.18,    0.00)  DC
          8TH HIGHEST VALUE IS       1.71749 AT (  259787.46,  4026993.13,    75.63,
   75.63,    0.00)  DC
          9TH HIGHEST VALUE IS       1.58846 AT (  260185.89,  4027096.50,    77.00,
   77.00,    0.00)  DC
         10TH HIGHEST VALUE IS       1.58547 AT (  260185.48,  4027071.65,    77.28,
   77.28,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↑ *** AERMOD - VERSION 23132  ***   *** D:\LSA\2024\20241686 Hanford
Neves\Construction\Construction.isc     ***        07/04/24
 *** AERMET - VERSION  21112 ***   ***
                       ***        18:20:08

                                  PAGE 759
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE	CONC OF TYPE	NETWORK GRID-ID	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)
PHASE1	HIGH	1ST HIGH VALUE IS	123.21362	ON 20121609:	AT (260191.75, 4027444.39, 77.14, 77.14, 0.00) DC
PHASE2A	HIGH	1ST HIGH VALUE IS	144.94632	ON 22121609:	AT (260190.91, 4027394.70, 76.47, 76.47, 0.00) DC
PHASE2B	HIGH	1ST HIGH VALUE IS	98.11340	ON 19121116:	AT (260185.89, 4027096.50, 77.00, 77.00, 0.00) DC
PHASE3A	HIGH	1ST HIGH VALUE IS	148.65833	ON 20121609:	AT (259939.86, 4027716.72, 77.34, 77.34, 0.00) DC
PHASE3B	HIGH	1ST HIGH VALUE IS	101.00926	ON 20121609:	AT (260185.89, 4027096.50, 77.00, 77.00, 0.00) DC
PHASE4	HIGH	1ST HIGH VALUE IS	107.18273	ON 19121116:	AT (260191.33, 4027419.55, 77.00, 77.00, 0.00) DC
ALL	HIGH	1ST HIGH VALUE IS	237.81203	ON 20010809:	AT (260190.44, 4027695.65, 77.95, 77.95, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** Message Summary : AERMOD Model Execution ***

```
 --------- Summary of Total Messages --------

A Total of            0 Fatal Error Message(s)
A Total of            2 Warning Message(s)
A Total of         1361 Informational Message(s)

A Total of        43824 Hours Were Processed

A Total of          680 Calm Hours Identified

A Total of          681 Missing Hours Identified (  1.55 Percent)


   ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
ME W186     267       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
    0.50
ME W187     267       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


   ************************************
   *** AERMOD Finishes Successfully ***
   ************************************
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APPENDIX C

DETAILED ENERGY CALCULATIONS

Fuel Consumption Worksheet

Annual VMT from CalEEMod modeling	Gasoline-Fueled Percentage	Diesel-Fueled Percentage	Average Gasoline mpg	Gasoline Consumption (gallons/yr)	Average Diesel mpg	Diesel Consumption (gallons/yr)
13,654,118	77.6%	22.4%	22.9	462,792	8	382,022

		Fleet Mix from CalEEMod modeling												
Land Use	ADT	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Project	5,366	45.84%	3.35%	22.03%	17.51%	3.23%	0.76%	0.92%	3.70%	0.06%	0.03%	2.15%	0.12%	0.30%
		Vehicle Percentages by fuel type												
Gasoline-powered:		98%	95%	75%	50%	50%	10%	5%	5%	0%	0%	100%	10%	50%
Diesel-powered:		2%	5%	25%	50%	50%	90%	95%	95%	100%	100%	0%	90%	50%

truck % = 51.50%

2020	kWh	kBTU	therms	Gasoline Consumption (gallons/yr)	Diesel Consumption (gallons/yr)
Kings County total	2,017,116,928		527,236,428		
PG&E - Residential	27,209,999,999		2,474,195,977		
Project	7,268,929	19,916,300	199,163	462,792	382,022
Project % of County	0.360%		0.038%		

1 therm = 100,000 BTUs

Source: EMFAC2021 (v1.0.2) Emissions Inventory
Region Type: Sub-Area
Region: Kings (SJV)
Calendar Year: 2024
Season: Annual
Vehicle Classification: EMFAC202x Categories
Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, tons/day for Emissions, 1000 gallons/day for Fuel Consu

Region	Calendar Y	Vehicle Ca	Model Year	Speed	Fuel	Population	Total VMT	CVMT	EVMT	Trips	Fuel Consumption
Kings (SJV)	2024	LDA	Aggregate	Aggregate	Gasoline	62890.68	2583582	2583582	0	292424.8	90.16168223
Kings (SJV)	2024	LDT1	Aggregate	Aggregate	Gasoline	5722.351	189380.5	189380.5	0	24600.24	8.039078089
Kings (SJV)	2024	LDT2	Aggregate	Aggregate	Gasoline	28213.63	1108926	1108926	0	131521.7	47.83374527
Kings (SJV)	2024	LHD1	Aggregate	Aggregate	Gasoline	2719.469	98918.29	98918.29	0	40516.04	10.43306925
Kings (SJV)	2024	LHD2	Aggregate	Aggregate	Gasoline	342.0652	12356.03	12356.03	0	5096.262	1.456791217
Kings (SJV)	2024	MCY	Aggregate	Aggregate	Gasoline	3376.286	19223.67	19223.67	0	6752.571	0.476996631
Kings (SJV)	2024	MDV	Aggregate	Aggregate	Gasoline	27959.81	1000404	1000404	0	126574.3	53.50208544
Kings (SJV)	2024	MH	Aggregate	Aggregate	Gasoline	376.2889	3356.652	3356.652	0	37.64394	0.761078246
Kings (SJV)	2024	OBUS	Aggregate	Aggregate	Gasoline	79.09216	4209.07	4209.07	0	1582.476	0.887017738
Kings (SJV)	2024	SBUS	Aggregate	Aggregate	Gasoline	27.29039	1727.646	1727.646	0	109.1616	0.176579105
Kings (SJV)	2024	T6TS	Aggregate	Aggregate	Gasoline	179.6457	10871.77	10871.77	0	3594.351	2.29388335
Kings (SJV)	2024	T7IS	Aggregate	Aggregate	Gasoline	2.063936	190.6722	190.6722	0	41.29523	0.05692958
Kings (SJV)	2024	UBUS	Aggregate	Aggregate	Gasoline	11.7148	492.7388	492.7388	0	46.85921	0.058580373
											216.1375165
											0.216137517
											78.89019353

Source: EMFAC2021 (v1.0.2) Emissions Inventory
Region Type: Sub-Area
Region: Kings (SJV)
Calendar Year: 2024
Season: Annual
Vehicle Classification: EMFAC202x Categories
Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, tons/day for Emissions, 1000 gallons/day for Fuel Consu

Region	Calendar Y	Vehicle Ca	Model Year	Speed	Fuel	Population	Total VMT	CVMT	EVMT	Trips	Fuel Consumption
Kings (SJV)	2024	All Other B	Aggregate	Aggregate	Diesel	23.52908	1219.685	1219.685	0	209.4088	0.139760347
Kings (SJV)	2024	LDA	Aggregate	Aggregate	Diesel	170.5652	5156.781	5156.781	0	709.4292	0.121861009
Kings (SJV)	2024	LDT1	Aggregate	Aggregate	Diesel	4.610203	77.31663	77.31663	0	13.35659	0.003132079
Kings (SJV)	2024	LDT2	Aggregate	Aggregate	Diesel	82.64602	3472.402	3472.402	0	396.2148	0.106394314
Kings (SJV)	2024	LHD1	Aggregate	Aggregate	Diesel	2823.804	101655.6	101655.6	0	35519.9	6.457095279
Kings (SJV)	2024	LHD2	Aggregate	Aggregate	Diesel	872.4745	33072.37	33072.37	0	10974.63	2.527109776
Kings (SJV)	2024	MDV	Aggregate	Aggregate	Diesel	426.6095	16363.61	16363.61	0	1974.222	0.690519735
Kings (SJV)	2024	MH	Aggregate	Aggregate	Diesel	198.2614	1733.998	1733.998	0	19.82614	0.184296386
Kings (SJV)	2024	Motor Coa	Aggregate	Aggregate	Diesel	7.224274	1008.012	1008.012	0	166.0138	0.183297931
Kings (SJV)	2024	PTO	Aggregate	Aggregate	Diesel	0	3070.191	3070.191	0	0	0.65698563
Kings (SJV)	2024	SBUS	Aggregate	Aggregate	Diesel	136.1459	2900.755	2900.755	0	1971.393	0.358865259
Kings (SJV)	2024	T6 CAIRP C	Aggregate	Aggregate	Diesel	1.858804	124.2141	124.2141	0	42.71531	0.013919194
Kings (SJV)	2024	T6 CAIRP C	Aggregate	Aggregate	Diesel	2.480495	170.532	170.532	0	57.00177	0.019106687
Kings (SJV)	2024	T6 CAIRP C	Aggregate	Aggregate	Diesel	8.100403	444.1376	444.1376	0	186.1473	0.048999938
Kings (SJV)	2024	T6 CAIRP C	Aggregate	Aggregate	Diesel	13.6779	2799.342	2799.342	0	314.3182	0.288848759
Kings (SJV)	2024	T6 Instate [	Aggregate	Aggregate	Diesel	20.13591	675.617	675.617	0	287.3394	0.081062263
Kings (SJV)	2024	T6 Instate [	Aggregate	Aggregate	Diesel	6.894973	230.7718	230.7718	0	98.39127	0.02813185
Kings (SJV)	2024	T6 Instate [	Aggregate	Aggregate	Diesel	47.72118	1575.97	1575.97	0	680.9812	0.188380985
Kings (SJV)	2024	T6 Instate [	Aggregate	Aggregate	Diesel	10.74945	588.6636	588.6636	0	153.3946	0.070713815
Kings (SJV)	2024	T6 Instate (	Aggregate	Aggregate	Diesel	86.29206	3519.231	3519.231	0	997.5362	0.409522522
Kings (SJV)	2024	T6 Instate (	Aggregate	Aggregate	Diesel	204.3257	8903.566	8903.566	0	2362.005	1.035451292
Kings (SJV)	2024	T6 Instate (	Aggregate	Aggregate	Diesel	257.3138	10905.14	10905.14	0	2974.548	1.260470367
Kings (SJV)	2024	T6 Instate (	Aggregate	Aggregate	Diesel	141.1804	6031.868	6031.868	0	1632.046	0.686347854
Kings (SJV)	2024	T6 Instate]	Aggregate	Aggregate	Diesel	4.68077	223.8931	223.8931	0	54.1097	0.02695221

Kings (SJV)	2024	T6 Instate T	Aggregate	Aggregate	Diesel	87.00195	5232.065	5232.065	0	1005.743	0.55861636
Kings (SJV)	2024	T6 OOS Cla	Aggregate	Aggregate	Diesel	1.127926	74.67062	74.67062	0	25.91974	0.008327045
Kings (SJV)	2024	T6 OOS Cla	Aggregate	Aggregate	Diesel	1.497887	102.4347	102.4347	0	34.42144	0.011430381
Kings (SJV)	2024	T6 OOS Cla	Aggregate	Aggregate	Diesel	4.918237	267.6647	267.6647	0	113.0211	0.029334643
Kings (SJV)	2024	T6 OOS Cla	Aggregate	Aggregate	Diesel	7.717281	1946.255	1946.255	0	177.3431	0.199361049
Kings (SJV)	2024	T6 Public C	Aggregate	Aggregate	Diesel	5.939442	199.812	199.812	0	30.46934	0.026598159
Kings (SJV)	2024	T6 Public C	Aggregate	Aggregate	Diesel	12.83568	475.7462	475.7462	0	65.84706	0.061770924
Kings (SJV)	2024	T6 Public C	Aggregate	Aggregate	Diesel	16.74615	595.1084	595.1084	0	85.90775	0.077320644
Kings (SJV)	2024	T6 Public C	Aggregate	Aggregate	Diesel	57.22396	2561.979	2561.979	0	293.5589	0.328025424
Kings (SJV)	2024	T6 Utility C	Aggregate	Aggregate	Diesel	22.16217	901.7073	901.7073	0	283.6757	0.101822333
Kings (SJV)	2024	T6 Utility C	Aggregate	Aggregate	Diesel	4.20044	170.1338	170.1338	0	53.76563	0.019155132
Kings (SJV)	2024	T6 Utility C	Aggregate	Aggregate	Diesel	4.772601	236.744	236.744	0	61.08929	0.026487984
Kings (SJV)	2024	T7 CAIRP C	Aggregate	Aggregate	Diesel	1013.968	206577.7	206577.7	0	23300.98	33.77698555
Kings (SJV)	2024	T7 NNOOS	Aggregate	Aggregate	Diesel	907.0245	245575.2	245575.2	0	20843.42	39.45338776
Kings (SJV)	2024	T7 NOOS C	Aggregate	Aggregate	Diesel	382.1676	89213.12	89213.12	0	8782.212	14.56760145
Kings (SJV)	2024	T7 Other Po	Aggregate	Aggregate	Diesel	20.14789	3708.357	3708.357	0	329.6195	0.623897386
Kings (SJV)	2024	T7 POAK Cl	Aggregate	Aggregate	Diesel	90.4088	8968.506	8968.506	0	1479.088	1.537059222
Kings (SJV)	2024	T7 POLA Cl	Aggregate	Aggregate	Diesel	102.1286	12947.68	12947.68	0	1670.824	2.230849066
Kings (SJV)	2024	T7 Public C	Aggregate	Aggregate	Diesel	93.9051	4117.937	4117.937	0	481.7331	0.787420938
Kings (SJV)	2024	T7 Single C	Aggregate	Aggregate	Diesel	5.159907	318.9329	318.9329	0	48.60633	0.053791741
Kings (SJV)	2024	T7 Single D	Aggregate	Aggregate	Diesel	32.12321	1776.298	1776.298	0	302.6006	0.300994022
Kings (SJV)	2024	T7 Single O	Aggregate	Aggregate	Diesel	224.7802	12737.74	12737.74	0	2117.43	2.160747385
Kings (SJV)	2024	T7 SWCV C	Aggregate	Aggregate	Diesel	38.90209	2521.855	2521.855	0	178.9496	0.993000914
Kings (SJV)	2024	T7 Tractor (	Aggregate	Aggregate	Diesel	1812.531	139543.8	139543.8	0	26336.08	22.87067503
Kings (SJV)	2024	T7 Utility C	Aggregate	Aggregate	Diesel	15.78083	717.6241	717.6241	0	201.9946	0.123453528
Kings (SJV)	2024	UBUS	Aggregate	Aggregate	Diesel	2.409413	153.6879	153.6879	0	9.637654	0.013732235
											136.5290718
											0.136529072
											49.8331112