APPENDIX A
PUBLIC NOTICES

COUNTY OF COLUSA
COMMUNITY DEVELOPMENT DEPARTMENT
1213 Market Street, Colusa, CA 95932
(530) 458-0480

Date: September 27, 2024

To: Surrounding Property Owners

Lead Agency: County of Colusa
Community Development Department
Contact: Greg Plucker, Community Development Department
(530) 458-0483, gplucker@countyofcolusa.com

Subject: NOTICE OF AVAILABILITY, DRAFT ENVIRONMENTAL IMPACT REPORT
JANUS SOLAR and BATTERY STORAGE PROJECT
UP PD-24-24, SCH Number 2024061043

Project Applicant: Janus Solar PV, LLC
20 California Street, Floor 5
San Francisco, CA 94111
(510) 332-6587

Notice is hereby given that the County of Colusa, as the Lead Agency, has prepared a Draft Environmental Impact Report (DEIR) for the proposed Use Permit (UP), Development Agreement, and Williamson Act compatibility determination to construct, operate, maintain, and decommission a photovoltaic (PV) electricity generating facility, with a battery energy storage system (BESS) and associated facilities and infrastructure, commonly known as the Janus Solar and Battery Storage Project (Project).

Project Location: The Project is approximately 6.5 miles southwest of the City of Williams. State Highway 20 runs about one mile from the Project site, north and west. The proposed Project would be located on two County of Colusa Assessor Parcels (APN's 018-050-005 and 006) totaling approximately 886 currently used for cattle grazing in Colusa County, California. The Project would connect to the Cortina Substation, located on Walnut Drive, approximately 4 miles northeast of the Project site.

Project Description: Janus Solar PV, LLC has applied to Colusa County for a Use Permit (UP) to construct, operate, maintain, and decommission a solar photovoltaic (PV) power generating facility including solar PV modules, a battery energy storage system (BESS), on-site substation, a gen-tie transmission line, and other necessary supporting infrastructure (Janus Solar and Battery Storage Project (Project)). The Project would generate up to 80 megawatts of alternating current of electricity and store up to 80 megawatts, or 320 megawatt hours (MWh),

of electricity on an approximately 886-acre site; only an estimated 666 acres of the site would be used. The Project would connect to the electrical grid at the existing PG&E Cortina Substation via an approx. 4-mile new gen-tie transmission line. A Development Agreement and a review of Project compatibility with the existing Williamson Act contract is also part of the Project.

Public Review Period: The 45-day public review period for the DEIR begins on September 27, 2024 and ends on November 11, 2024. All comments must be received within this time period. Written comments should be submitted to Greg Plucker, Community Development Director, 1213 Market Street, Colusa, CA 95932 or to gplucker@countyofcolusa.com.

Document Availability: The DEIR and other project documentation is available for review online at: https://www.countyofcolusaca.gov/996/Janus-Solar-and-Battery-Storage-Project. Hard copies are available for review at the Colusa Main Library at 738 Market St. in Colusa, CA 95932, the Williams Branch Library at 901 E Street in Williams, CA 95987, and the Community Development Department at 1213 Market Street, Colusa, CA. 95932.

Schedule Public Meeting: No public meeting is currently scheduled. Future public meetings will be posted at: https://www.countyofcolusaca.gov/996/Janus-Solar-and-Battery-Storage-Project. Should you wish to be placed on the email notification list, please send an email to gplucker@countyofcolusa.com with Janus Solar and Batter Storage Project Email List in the subject line.

Significant Anticipated Environmental Effects: The DEIR evaluates the Project's potentially significant impacts and recommends mitigation measures to avoid/reduce impacts. The Project is not expected to result in any significant, unmitigated impacts.

Hazardous Waste Sites: The proposed project is not located on any hazardous waste sites lists enumerated under Section 65965.5 of the Government Code.

Questions: If you have any questions about this project, please contact Greg Plucker, County of Colusa, Community Development Department by phone at (530) 458-0480 or by email at gplucker@countyofcolusa.com.

September 27, 2024

Greg Plucker
Community Development Director

APPENDIX B
RECIPIENTS OF THE FINAL EIR

Individuals and Non-Governmental Organizations

Richard Mora
Matt Ferrini
Vance Boyes
Matt LaGrande
Beth Ferrini Katsaris
Garnett Vann
Dave Nelson
Stephen Marsh
Karan Marsh
Jean Terkildsen
Amanda Ferrini
Grace Holbrook
Mitchell M. Tsai
Eric Hernandez
Antoinette Marsh
David Fong
Matthew Beeston
Berne Marsh
Adam Borchard
Charlie Wright
Annamarie Louie Marsh
California Native Plant Society
Defenders of Wildlife

State/Federal

Native American Heritage Commission
California Department of Wildlife Region 2
Central Valley Regional Water Quality Control District
State Clearinghouse (for distribution to State Agencies)

Local Agencies

Agricultural Commissioner
Air Pollution Control District
County Assessor
Public Works
Sherriff's Department
Colusa County Planning Commission
Colusa County Board of Supervisors

APPENDIX C
UPDATED DETAILED CALEEMOD OUTPUT

Janus Solar Project (Annual) Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

2.2. Construction Emissions by Year, Unmitigated

2.3. Construction Emissions by Year, Mitigated

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, Unmitigated

2.6. Operations Emissions by Sector, Mitigated

3. Construction Emissions Details

3.1. Preparation (2025) - Unmitigated

3.2. Preparation (2025) - Mitigated

3.3. Excavation (2025) - Unmitigated

3.4. Excavation (2025) - Mitigated

3.5. Construction (2025) - Unmitigated

3.6. Construction (2025) - Mitigated

3.7. Construction (2026) - Unmitigated

3.8. Construction (2026) - Mitigated

3.9. Paving (2026) - Unmitigated

3.10. Paving (2026) - Mitigated

3.11. Utilities/Sub-grade (2025) - Unmitigated

3.12. Utilities/Sub-grade (2025) - Mitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.1.2. Mitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.2. Electricity Emissions By Land Use - Mitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.2.4. Natural Gas Emissions By Land Use - Mitigated

4.3. Area Emissions by Source

4.3.1. Unmitigated

4.3.2. Mitigated

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

4.4.2. Mitigated

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

4.5.2. Mitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.6.2. Mitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.7.2. Mitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.8.2. Mitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.9.2. Mitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.2.2. Mitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.3.2. Mitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.9.2. Mitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.10.4. Landscape Equipment - Mitigated

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.11.2. Mitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.12.2. Mitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.13.2. Mitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.14.2. Mitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Janus Solar Project (Annual)
Construction Start Date	7/1/2025
Operational Year	2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.40
Precipitation (days)	9.20
Location	Spring Valley Rd, Williams, CA 95987, USA
County	Colusa
City	Unincorporated
Air District	Colusa County APCD
Air Basin	Sacramento Valley
TAZ	228
EDFZ	4
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
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
User Defined Industrial	666	User Defined Unit	666	43,560	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers
Construction	C-10-A	Water Exposed Surfaces

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.	12.9	10.5	86.8	165	0.20	3.35	33.7	35.6	3.09	4.56	6.68	—	34,369	34,369	1.03	1.55	59.2	34,917
Mit.	5.92	4.92	43.4	173	0.20	0.79	32.9	33.5	0.76	4.56	5.06	—	34,369	34,369	1.03	1.55	59.2	34,917
% Reduced	54%	53%	50%	-4%	—	76%	2%	6%	75%	—	24%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	12.4	10.3	88.8	142	0.20	3.35	18.5	21.8	3.09	3.59	6.68	—	32,935	32,935	1.05	1.55	1.53	33,425
Mit.	5.40	4.71	45.4	149	0.20	0.79	18.5	19.2	0.76	3.59	4.35	—	32,935	32,935	1.05	1.55	1.53	33,425
% Reduced	56%	54%	49%	-5%	—	76%	—	12%	75%	—	35%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.31	4.43	38.4	61.0	0.09	1.47	11.4	12.8	1.36	1.90	3.26	—	14,815	14,815	0.45	0.75	11.4	15,060
Mit.	2.34	2.04	19.1	64.9	0.09	0.36	11.1	11.5	0.34	1.88	2.22	—	14,815	14,815	0.45	0.75	11.4	15,060
% Reduced	56%	54%	50%	-6%	—	76%	2%	10%	75%	1%	32%	—	—	—	—	—	—	—

Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.97	0.81	7.01	11.1	0.02	0.27	2.08	2.34	0.25	0.35	0.60	—	2,453	2,453	0.07	0.12	1.89	2,493
Mit.	0.43	0.37	3.48	11.8	0.02	0.07	2.03	2.10	0.06	0.34	0.41	—	2,453	2,453	0.07	0.12	1.89	2,493
% Reduced	56%	54%	50%	-6%	—	76%	2%	10%	75%	1%	32%	—	—	—	—	—	—	—
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	—	Yes	Yes	—	—	—	—	Yes	—	—	—	—	—	—	—	—	—	—
Mit.	—	Yes	Yes	—	—	—	—	Yes	—	—	—	—	—	—	—	—	—	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	—	Yes	Yes	—	—	—	—	Yes	—	—	—	—	—	—	—	—	—	—
Mit.	—	Yes	Yes	—	—	—	—	Yes	—	—	—	—	—	—	—	—	—	—
Exceeds (Annual)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	4.50	4.50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	—	No	Yes	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mit.	—	No	No	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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	12.9	10.5	86.8	165	0.20	3.35	33.7	35.6	3.09	4.56	6.68	—	34,369	34,369	1.03	1.55	59.2	34,917
2026	11.9	9.96	82.9	160	0.20	2.99	18.5	21.4	2.76	3.59	6.35	—	34,001	34,001	1.03	1.51	54.1	34,530
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	12.4	10.3	88.8	142	0.20	3.35	18.5	21.8	3.09	3.59	6.68	—	32,935	32,935	1.05	1.55	1.53	33,425
2026	11.7	9.77	84.5	138	0.20	2.99	18.5	21.4	2.76	3.59	6.35	—	32,600	32,600	0.72	1.51	1.40	33,069
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	5.31	4.43	38.4	61.0	0.09	1.47	11.4	12.8	1.36	1.90	3.26	—	14,815	14,815	0.45	0.75	11.4	15,060
2026	3.37	2.81	24.1	40.6	0.06	0.85	5.28	6.13	0.79	1.03	1.82	—	9,511	9,511	0.20	0.44	6.82	9,655
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.97	0.81	7.01	11.1	0.02	0.27	2.08	2.34	0.25	0.35	0.60	—	2,453	2,453	0.07	0.12	1.89	2,493
2026	0.62	0.51	4.39	7.41	0.01	0.16	0.96	1.12	0.14	0.19	0.33	—	1,575	1,575	0.03	0.07	1.13	1,598

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	5.92	4.92	43.4	173	0.20	0.79	32.9	33.5	0.76	4.56	5.06	—	34,369	34,369	1.03	1.55	59.2	34,917
2026	5.49	4.82	42.7	167	0.20	0.79	18.5	19.2	0.76	3.59	4.35	—	34,001	34,001	1.03	1.51	54.1	34,530
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	5.40	4.71	45.4	149	0.20	0.79	18.5	19.2	0.76	3.59	4.35	—	32,935	32,935	1.05	1.55	1.53	33,425
2026	5.32	4.63	44.4	146	0.20	0.79	18.5	19.2	0.76	3.59	4.35	—	32,600	32,600	0.72	1.51	1.40	33,069

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	2.34	2.04	19.1	64.9	0.09	0.36	11.1	11.5	0.34	1.88	2.22	—	14,815	14,815	0.45	0.75	11.4	15,060
2026	1.53	1.34	12.6	42.8	0.06	0.23	5.28	5.50	0.22	1.03	1.25	—	9,511	9,511	0.20	0.44	6.82	9,655
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.43	0.37	3.48	11.8	0.02	0.07	2.03	2.10	0.06	0.34	0.41	—	2,453	2,453	0.07	0.12	1.89	2,493
2026	0.28	0.24	2.30	7.81	0.01	0.04	0.96	1.00	0.04	0.19	0.23	—	1,575	1,575	0.03	0.07	1.13	1,598

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.	1.88	1.77	2.77	5.18	0.01	0.10	0.01	0.12	0.09	< 0.005	0.10	3.59	1,405	1,409	0.42	0.01	0.06	1,423
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.54	1.45	2.76	3.28	0.01	0.10	0.01	0.11	0.09	< 0.005	0.10	3.59	1,396	1,400	0.42	0.01	< 0.005	1,414
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.71	1.60	2.76	4.18	0.01	0.10	0.01	0.11	0.09	< 0.005	0.10	3.59	1,396	1,399	0.42	0.01	0.02	1,413
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.31	0.29	0.50	0.76	< 0.005	0.02	< 0.005	0.02	0.02	< 0.005	0.02	0.59	231	232	0.07	< 0.005	< 0.005	234

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	0.02	0.02	0.01	0.10	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	18.6	18.6	< 0.005	< 0.005	0.06	19.0
Area	1.27	1.24	0.02	1.89	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.79	7.79	< 0.005	< 0.005	—	7.82
Energy	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	15.3	15.3	< 0.005	< 0.005	—	15.4
Water	—	—	—	—	—	—	—	—	—	—	—	0.00	0.29	0.29	< 0.005	< 0.005	—	0.30
Waste	—	—	—	—	—	—	—	—	—	—	—	3.59	0.00	3.59	0.36	0.00	—	12.6
Off-Road	0.53	0.44	2.55	2.97	0.01	0.09	—	0.09	0.08	—	0.08	—	1,333	1,333	0.05	0.01	—	1,338
Stationary	0.06	0.06	0.19	0.21	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	29.9	29.9	< 0.005	< 0.005	0.00	30.0
Total	1.88	1.77	2.77	5.18	0.01	0.10	0.01	0.12	0.09	< 0.005	0.10	3.59	1,405	1,409	0.42	0.01	0.06	1,423
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.02	0.02	0.01	0.10	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	17.0	17.0	< 0.005	< 0.005	< 0.005	17.4
Area	0.93	0.93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	15.3	15.3	< 0.005	< 0.005	—	15.4
Water	—	—	—	—	—	—	—	—	—	—	—	0.00	0.29	0.29	< 0.005	< 0.005	—	0.30
Waste	—	—	—	—	—	—	—	—	—	—	—	3.59	0.00	3.59	0.36	0.00	—	12.6
Off-Road	0.53	0.44	2.55	2.97	0.01	0.09	—	0.09	0.08	—	0.08	—	1,333	1,333	0.05	0.01	—	1,338
Stationary	0.06	0.06	0.19	0.21	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	29.9	29.9	< 0.005	< 0.005	0.00	30.0
Total	1.54	1.45	2.76	3.28	0.01	0.10	0.01	0.11	0.09	< 0.005	0.10	3.59	1,396	1,400	0.42	0.01	< 0.005	1,414
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.01	0.01	0.01	0.07	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	12.4	12.4	< 0.005	< 0.005	0.02	12.7
Area	1.10	1.09	0.01	0.93	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.84	3.84	< 0.005	< 0.005	—	3.86
Energy	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	15.3	15.3	< 0.005	< 0.005	—	15.4
Water	—	—	—	—	—	—	—	—	—	—	—	0.00	0.29	0.29	< 0.005	< 0.005	—	0.30

Waste	—	—	—	—	—	—	—	—	—	—	—	3.59	0.00	3.59	0.36	0.00	—	12.6
Off-Road	0.53	0.44	2.55	2.97	0.01	0.09	—	0.09	0.08	—	0.08	—	1,333	1,333	0.05	0.01	—	1,338
Stationary	0.07	0.06	0.19	0.22	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	30.4	30.4	< 0.005	< 0.005	0.00	30.5
Total	1.71	1.60	2.76	4.18	0.01	0.10	0.01	0.11	0.09	< 0.005	0.10	3.59	1,396	1,399	0.42	0.01	0.02	1,413
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.05	2.05	< 0.005	< 0.005	< 0.005	2.10
Area	0.20	0.20	< 0.005	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.64	0.64	< 0.005	< 0.005	—	0.64
Energy	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.53	2.53	< 0.005	< 0.005	—	2.55
Water	—	—	—	—	—	—	—	—	—	—	—	0.00	0.05	0.05	< 0.005	< 0.005	—	0.05
Waste	—	—	—	—	—	—	—	—	—	—	—	0.59	0.00	0.59	0.06	0.00	—	2.08
Off-Road	0.10	0.08	0.47	0.54	< 0.005	0.02	—	0.02	0.02	—	0.02	—	221	221	0.01	< 0.005	—	222
Stationary	0.01	0.01	0.04	0.04	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	5.03	5.03	< 0.005	< 0.005	0.00	5.04
Total	0.31	0.29	0.50	0.76	< 0.005	0.02	< 0.005	0.02	0.02	< 0.005	0.02	0.59	231	232	0.07	< 0.005	< 0.005	234

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	0.02	0.02	0.01	0.10	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	18.6	18.6	< 0.005	< 0.005	0.06	19.0
Area	1.27	1.24	0.02	1.89	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.79	7.79	< 0.005	< 0.005	—	7.82
Energy	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	15.3	15.3	< 0.005	< 0.005	—	15.4
Water	—	—	—	—	—	—	—	—	—	—	—	0.00	0.29	0.29	< 0.005	< 0.005	—	0.30
Waste	—	—	—	—	—	—	—	—	—	—	—	3.59	0.00	3.59	0.36	0.00	—	12.6
Off-Road	0.53	0.44	2.55	2.97	0.01	0.09	—	0.09	0.08	—	0.08	—	1,333	1,333	0.05	0.01	—	1,338

Stationa	0.06	0.06	0.19	0.21	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	29.9	29.9	< 0.005	< 0.005	0.00	30.0
Total	1.88	1.77	2.77	5.18	0.01	0.10	0.01	0.12	0.09	< 0.005	0.10	3.59	1,405	1,409	0.42	0.01	0.06	1,423
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.02	0.02	0.01	0.10	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	17.0	17.0	< 0.005	< 0.005	< 0.005	17.4
Area	0.93	0.93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	15.3	15.3	< 0.005	< 0.005	—	15.4
Water	—	—	—	—	—	—	—	—	—	—	—	0.00	0.29	0.29	< 0.005	< 0.005	—	0.30
Waste	—	—	—	—	—	—	—	—	—	—	—	3.59	0.00	3.59	0.36	0.00	—	12.6
Off-Roa d	0.53	0.44	2.55	2.97	0.01	0.09	—	0.09	0.08	—	0.08	—	1,333	1,333	0.05	0.01	—	1,338
Stationa ry	0.06	0.06	0.19	0.21	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	29.9	29.9	< 0.005	< 0.005	0.00	30.0
Total	1.54	1.45	2.76	3.28	0.01	0.10	0.01	0.11	0.09	< 0.005	0.10	3.59	1,396	1,400	0.42	0.01	< 0.005	1,414
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.01	0.01	0.01	0.07	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	12.4	12.4	< 0.005	< 0.005	0.02	12.7
Area	1.10	1.09	0.01	0.93	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.84	3.84	< 0.005	< 0.005	—	3.86
Energy	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	15.3	15.3	< 0.005	< 0.005	—	15.4
Water	—	—	—	—	—	—	—	—	—	—	—	0.00	0.29	0.29	< 0.005	< 0.005	—	0.30
Waste	—	—	—	—	—	—	—	—	—	—	—	3.59	0.00	3.59	0.36	0.00	—	12.6
Off-Roa d	0.53	0.44	2.55	2.97	0.01	0.09	—	0.09	0.08	—	0.08	—	1,333	1,333	0.05	0.01	—	1,338
Stationa ry	0.07	0.06	0.19	0.22	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	30.4	30.4	< 0.005	< 0.005	0.00	30.5
Total	1.71	1.60	2.76	4.18	0.01	0.10	0.01	0.11	0.09	< 0.005	0.10	3.59	1,396	1,399	0.42	0.01	0.02	1,413
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.05	2.05	< 0.005	< 0.005	< 0.005	2.10
Area	0.20	0.20	< 0.005	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.64	0.64	< 0.005	< 0.005	—	0.64
Energy	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.53	2.53	< 0.005	< 0.005	—	2.55

Water	—	—	—	—	—	—	—	—	—	—	—	0.00	0.05	0.05	< 0.005	< 0.005	—	0.05
Waste	—	—	—	—	—	—	—	—	—	—	—	0.59	0.00	0.59	0.06	0.00	—	2.08
Off-Road	0.10	0.08	0.47	0.54	< 0.005	0.02	—	0.02	0.02	—	0.02	—	221	221	0.01	< 0.005	—	222
Stationary	0.01	0.01	0.04	0.04	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	5.03	5.03	< 0.005	< 0.005	0.00	5.04
Total	0.31	0.29	0.50	0.76	< 0.005	0.02	< 0.005	0.02	0.02	< 0.005	0.02	0.59	231	232	0.07	< 0.005	< 0.005	234

3. Construction Emissions Details

3.1. 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 Equipment	5.24	4.39	40.3	43.1	0.09	1.83	—	1.83	1.68	—	1.68	—	8,860	8,860	0.36	0.07	—	8,891
Dust From Material Movement	—	—	—	—	—	—	4.24	4.24	—	0.46	0.46	—	—	—	—	—	—	—
Onsite truck	0.02	0.01	0.31	0.20	< 0.005	< 0.005	24.0	24.0	< 0.005	2.40	2.40	—	85.9	85.9	< 0.005	0.01	0.13	90.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipm	0.13	0.11	0.99	1.06	< 0.005	0.05	—	0.05	0.04	—	0.04	—	218	218	0.01	< 0.005	—	219
Dust From Material Movement	—	—	—	—	—	—	0.10	0.10	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.58	0.58	< 0.005	0.06	0.06	—	2.13	2.13	< 0.005	< 0.005	< 0.005	2.23
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.18	0.19	< 0.005	0.01	—	0.01	0.01	—	0.01	—	36.2	36.2	< 0.005	< 0.005	—	36.3
Dust From Material Movement	—	—	—	—	—	—	0.02	0.02	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.11	0.11	< 0.005	0.01	0.01	—	0.35	0.35	< 0.005	< 0.005	< 0.005	0.37
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.88	0.65	1.07	21.8	0.00	0.00	3.53	3.53	0.00	0.83	0.83	—	3,928	3,928	0.13	0.12	14.5	3,981
Vendor	0.11	0.06	7.11	0.55	0.04	0.13	1.85	1.99	0.13	0.51	0.64	—	6,734	6,734	< 0.005	1.06	15.6	7,067
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.03	0.38	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	87.7	87.7	< 0.005	< 0.005	0.15	88.8
Vendor	< 0.005	< 0.005	0.19	0.01	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	166	166	< 0.005	0.03	0.17	174
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	0.01	0.07	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14.5	14.5	< 0.005	< 0.005	0.03	14.7
Vendor	< 0.005	< 0.005	0.03	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	27.5	27.5	< 0.005	< 0.005	0.03	28.8
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

3.2. 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	1.77	1.61	14.6	52.3	0.09	0.39	—	0.39	0.37	—	0.37	—	8,860	8,860	0.36	0.07	—	8,891
Dust From Material Movement	—	—	—	—	—	—	1.65	1.65	—	0.18	0.18	—	—	—	—	—	—	—
Onsite truck	0.02	0.01	0.31	0.20	< 0.005	< 0.005	24.0	24.0	< 0.005	2.40	2.40	—	85.9	85.9	< 0.005	0.01	0.13	90.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.36	1.29	< 0.005	0.01	—	0.01	0.01	—	0.01	—	218	218	0.01	< 0.005	—	219
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	< 0.005	< 0.005	—	—	—	—	—	—	—

Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.58	0.58	< 0.005	0.06	0.06	—	2.13	2.13	< 0.005	< 0.005	< 0.005	2.23
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.24	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	36.2	36.2	< 0.005	< 0.005	—	36.3
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.11	0.11	< 0.005	0.01	0.01	—	0.35	0.35	< 0.005	< 0.005	< 0.005	0.37
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.88	0.65	1.07	21.8	0.00	0.00	3.53	3.53	0.00	0.83	0.83	—	3,928	3,928	0.13	0.12	14.5	3,981
Vendor	0.11	0.06	7.11	0.55	0.04	0.13	1.85	1.99	0.13	0.51	0.64	—	6,734	6,734	< 0.005	1.06	15.6	7,067
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.03	0.38	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	87.7	87.7	< 0.005	< 0.005	0.15	88.8
Vendor	< 0.005	< 0.005	0.19	0.01	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	166	166	< 0.005	0.03	0.17	174
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	0.01	0.07	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14.5	14.5	< 0.005	< 0.005	0.03	14.7
Vendor	< 0.005	< 0.005	0.03	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	27.5	27.5	< 0.005	< 0.005	0.03	28.8
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

3.3. Excavation (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 Equipment	5.08	4.26	38.5	40.1	0.08	1.77	—	1.77	1.63	—	1.63	—	8,370	8,370	0.34	0.07	—	8,399
Dust From Material Movement	—	—	—	—	—	—	4.24	4.24	—	0.46	0.46	—	—	—	—	—	—	—
Onsite truck	0.02	0.01	0.31	0.20	< 0.005	< 0.005	24.0	24.0	< 0.005	2.40	2.40	—	85.9	85.9	< 0.005	0.01	0.13	90.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.32	0.27	2.43	2.52	0.01	0.11	—	0.11	0.10	—	0.10	—	527	527	0.02	< 0.005	—	529
Dust From Material Movement	—	—	—	—	—	—	0.27	0.27	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	1.48	1.48	< 0.005	0.15	0.15	—	5.43	5.43	< 0.005	< 0.005	< 0.005	5.69
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.06	0.05	0.44	0.46	< 0.005	0.02	—	0.02	0.02	—	0.02	—	87.3	87.3	< 0.005	< 0.005	—	87.6
Dust From Material Movement	—	—	—	—	—	—	0.05	0.05	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.27	0.27	< 0.005	0.03	0.03	—	0.90	0.90	< 0.005	< 0.005	< 0.005	0.94
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.88	0.65	1.07	21.8	0.00	0.00	3.53	3.53	0.00	0.83	0.83	—	3,928	3,928	0.13	0.12	14.5	3,981
Vendor	0.11	0.06	7.11	0.55	0.04	0.13	1.85	1.99	0.13	0.51	0.64	—	6,734	6,734	< 0.005	1.06	15.6	7,067
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.08	0.96	0.00	0.00	0.22	0.22	0.00	0.05	0.05	—	224	224	0.01	0.01	0.39	227
Vendor	0.01	< 0.005	0.48	0.04	< 0.005	0.01	0.12	0.12	0.01	0.03	0.04	—	424	424	< 0.005	0.07	0.43	445
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	0.18	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	37.1	37.1	< 0.005	< 0.005	0.07	37.6
Vendor	< 0.005	< 0.005	0.09	0.01	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	70.3	70.3	< 0.005	0.01	0.07	73.6
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. Excavation (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	1.68	1.52	12.0	48.9	0.08	0.38	—	0.38	0.36	—	0.36	—	8,370	8,370	0.34	0.07	—	8,399
Dust From Material Movement	—	—	—	—	—	—	1.65	1.65	—	0.18	0.18	—	—	—	—	—	—	—
Onsite truck	0.02	0.01	0.31	0.20	< 0.005	< 0.005	24.0	24.0	< 0.005	2.40	2.40	—	85.9	85.9	< 0.005	0.01	0.13	90.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.10	0.76	3.08	0.01	0.02	—	0.02	0.02	—	0.02	—	527	527	0.02	< 0.005	—	529
Dust From Material Movement	—	—	—	—	—	—	0.10	0.10	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	1.48	1.48	< 0.005	0.15	0.15	—	5.43	5.43	< 0.005	< 0.005	< 0.005	5.69
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.14	0.56	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	87.3	87.3	< 0.005	< 0.005	—	87.6

Dust From Material Movement	—	—	—	—	—	—	0.02	0.02	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.27	0.27	< 0.005	0.03	0.03	—	0.90	0.90	< 0.005	< 0.005	< 0.005	0.94
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.88	0.65	1.07	21.8	0.00	0.00	3.53	3.53	0.00	0.83	0.83	—	3,928	3,928	0.13	0.12	14.5	3,981
Vendor	0.11	0.06	7.11	0.55	0.04	0.13	1.85	1.99	0.13	0.51	0.64	—	6,734	6,734	< 0.005	1.06	15.6	7,067
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.08	0.96	0.00	0.00	0.22	0.22	0.00	0.05	0.05	—	224	224	0.01	0.01	0.39	227
Vendor	0.01	< 0.005	0.48	0.04	< 0.005	0.01	0.12	0.12	0.01	0.03	0.04	—	424	424	< 0.005	0.07	0.43	445
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	0.18	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	37.1	37.1	< 0.005	< 0.005	0.07	37.6
Vendor	< 0.005	< 0.005	0.09	0.01	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	70.3	70.3	< 0.005	0.01	0.07	73.6
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. Construction (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 Equipment	10.1	8.47	76.4	99.4	0.16	3.22	—	3.22	2.96	—	2.96	—	15,831	15,831	0.64	0.13	—	15,885
Onsite truck	< 0.005	< 0.005	0.08	0.05	< 0.005	< 0.005	6.01	6.01	< 0.005	0.60	0.60	—	21.5	21.5	< 0.005	< 0.005	0.03	22.5
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	10.1	8.47	76.4	99.4	0.16	3.22	—	3.22	2.96	—	2.96	—	15,831	15,831	0.64	0.13	—	15,885
Onsite truck	< 0.005	< 0.005	0.08	0.05	< 0.005	< 0.005	6.01	6.01	< 0.005	0.60	0.60	—	21.7	21.7	< 0.005	< 0.005	< 0.005	22.7
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.58	3.00	27.0	35.1	0.05	1.14	—	1.14	1.05	—	1.05	—	5,595	5,595	0.23	0.05	—	5,614
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	2.07	2.07	< 0.005	0.21	0.21	—	7.62	7.62	< 0.005	< 0.005	< 0.005	7.98
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.65	0.55	4.93	6.41	0.01	0.21	—	0.21	0.19	—	0.19	—	926	926	0.04	0.01	—	929
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.38	0.38	< 0.005	0.04	0.04	—	1.26	1.26	< 0.005	< 0.005	< 0.005	1.32
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	2.65	1.96	3.21	65.3	0.00	0.00	10.6	10.6	0.00	2.48	2.48	—	11,783	11,783	0.39	0.36	43.5	11,942
Vendor	0.11	0.06	7.11	0.55	0.04	0.13	1.85	1.99	0.13	0.51	0.64	—	6,734	6,734	< 0.005	1.06	15.6	7,067
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	2.13	1.76	4.58	41.6	0.00	0.00	10.6	10.6	0.00	2.48	2.48	—	10,347	10,347	0.41	0.36	1.13	10,465
Vendor	0.11	0.06	7.71	0.56	0.04	0.13	1.85	1.99	0.13	0.51	0.64	—	6,735	6,735	< 0.005	1.06	0.40	7,053
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	0.76	0.63	1.37	16.1	0.00	0.00	3.72	3.72	0.00	0.87	0.87	—	3,771	3,771	0.14	0.13	6.64	3,819
Vendor	0.04	0.02	2.67	0.20	0.02	0.05	0.65	0.70	0.05	0.18	0.23	—	2,380	2,380	< 0.005	0.38	2.38	2,495
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	0.14	0.11	0.25	2.94	0.00	0.00	0.68	0.68	0.00	0.16	0.16	—	624	624	0.02	0.02	1.10	632
Vendor	0.01	< 0.005	0.49	0.04	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	394	394	< 0.005	0.06	0.39	413
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. Construction (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	3.16	2.89	33.0	107	0.16	0.66	—	0.66	0.63	—	0.63	—	15,831	15,831	0.64	0.13	—	15,885

Onsite truck	< 0.005	< 0.005	0.08	0.05	< 0.005	< 0.005	6.01	6.01	< 0.005	0.60	0.60	—	21.5	21.5	< 0.005	< 0.005	0.03	22.5
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.16	2.89	33.0	107	0.16	0.66	—	0.66	0.63	—	0.63	—	15,831	15,831	0.64	0.13	—	15,885
Onsite truck	< 0.005	< 0.005	0.08	0.05	< 0.005	< 0.005	6.01	6.01	< 0.005	0.60	0.60	—	21.7	21.7	< 0.005	< 0.005	< 0.005	22.7
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.12	1.02	11.7	37.7	0.05	0.23	—	0.23	0.22	—	0.22	—	5,595	5,595	0.23	0.05	—	5,614
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	2.07	2.07	< 0.005	0.21	0.21	—	7.62	7.62	< 0.005	< 0.005	< 0.005	7.98
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.20	0.19	2.13	6.88	0.01	0.04	—	0.04	0.04	—	0.04	—	926	926	0.04	0.01	—	929
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.38	0.38	< 0.005	0.04	0.04	—	1.26	1.26	< 0.005	< 0.005	< 0.005	1.32
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.65	1.96	3.21	65.3	0.00	0.00	10.6	10.6	0.00	2.48	2.48	—	11,783	11,783	0.39	0.36	43.5	11,942
Vendor	0.11	0.06	7.11	0.55	0.04	0.13	1.85	1.99	0.13	0.51	0.64	—	6,734	6,734	< 0.005	1.06	15.6	7,067
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	2.13	1.76	4.58	41.6	0.00	0.00	10.6	10.6	0.00	2.48	2.48	—	10,347	10,347	0.41	0.36	1.13	10,465
Vendor	0.11	0.06	7.71	0.56	0.04	0.13	1.85	1.99	0.13	0.51	0.64	—	6,735	6,735	< 0.005	1.06	0.40	7,053
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	0.76	0.63	1.37	16.1	0.00	0.00	3.72	3.72	0.00	0.87	0.87	—	3,771	3,771	0.14	0.13	6.64	3,819
Vendor	0.04	0.02	2.67	0.20	0.02	0.05	0.65	0.70	0.05	0.18	0.23	—	2,380	2,380	< 0.005	0.38	2.38	2,495
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	0.14	0.11	0.25	2.94	0.00	0.00	0.68	0.68	0.00	0.16	0.16	—	624	624	0.02	0.02	1.10	632
Vendor	0.01	< 0.005	0.49	0.04	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	394	394	< 0.005	0.06	0.39	413
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. Construction (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	9.58	8.02	73.1	99.0	0.16	2.85	—	2.85	2.63	—	2.63	—	15,846	15,846	0.64	0.13	—	15,900
Onsite truck	< 0.005	< 0.005	0.08	0.05	< 0.005	< 0.005	6.01	6.01	< 0.005	0.60	0.60	—	21.0	21.0	< 0.005	< 0.005	0.03	22.0
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	9.58	8.02	73.1	99.0	0.16	2.85	—	2.85	2.63	—	2.63	—	15,846	15,846	0.64	0.13	—	15,900
Onsite truck	< 0.005	< 0.005	0.08	0.05	< 0.005	< 0.005	6.01	6.01	< 0.005	0.60	0.60	—	21.2	21.2	< 0.005	< 0.005	< 0.005	22.2
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.73	2.29	20.8	28.2	0.04	0.81	—	0.81	0.75	—	0.75	—	4,515	4,515	0.18	0.04	—	4,531
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	1.67	1.67	< 0.005	0.17	0.17	—	6.01	6.01	< 0.005	< 0.005	< 0.005	6.30
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.50	0.42	3.80	5.15	0.01	0.15	—	0.15	0.14	—	0.14	—	748	748	0.03	0.01	—	750
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.30	0.30	< 0.005	0.03	0.03	—	1.00	1.00	< 0.005	< 0.005	< 0.005	1.04
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.22	1.87	2.86	60.1	0.00	0.00	10.6	10.6	0.00	2.48	2.48	—	11,539	11,539	0.38	0.36	39.5	11,694
Vendor	0.11	0.06	6.85	0.51	0.04	0.13	1.85	1.99	0.13	0.51	0.64	—	6,594	6,594	< 0.005	1.02	14.6	6,913
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	2.06	1.69	3.90	38.3	0.00	0.00	10.6	10.6	0.00	2.48	2.48	—	10,137	10,137	0.07	0.36	1.02	10,246
Vendor	0.11	0.06	7.44	0.52	0.04	0.13	1.85	1.99	0.13	0.51	0.64	—	6,596	6,596	< 0.005	1.02	0.38	6,900
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	0.59	0.48	1.01	11.9	0.00	0.00	3.00	3.00	0.00	0.70	0.70	—	2,978	2,978	0.02	0.10	4.85	3,014
Vendor	0.03	0.02	2.08	0.15	0.01	0.04	0.53	0.56	0.04	0.14	0.18	—	1,879	1,879	< 0.005	0.29	1.80	1,968
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	0.11	0.09	0.18	2.17	0.00	0.00	0.55	0.55	0.00	0.13	0.13	—	493	493	< 0.005	0.02	0.80	499
Vendor	0.01	< 0.005	0.38	0.03	< 0.005	0.01	0.10	0.10	0.01	0.03	0.03	—	311	311	< 0.005	0.05	0.30	326
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. Construction (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	3.15	2.88	33.0	107	0.16	0.66	—	0.66	0.62	—	0.62	—	15,846	15,846	0.64	0.13	—	15,900
Onsite truck	< 0.005	< 0.005	0.08	0.05	< 0.005	< 0.005	6.01	6.01	< 0.005	0.60	0.60	—	21.0	21.0	< 0.005	< 0.005	0.03	22.0
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.15	2.88	33.0	107	0.16	0.66	—	0.66	0.62	—	0.62	—	15,846	15,846	0.64	0.13	—	15,900
Onsite truck	< 0.005	< 0.005	0.08	0.05	< 0.005	< 0.005	6.01	6.01	< 0.005	0.60	0.60	—	21.2	21.2	< 0.005	< 0.005	< 0.005	22.2

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.90	0.82	9.39	30.4	0.04	0.19	—	0.19	0.18	—	0.18	—	4,515	4,515	0.18	0.04	—	4,531
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	1.67	1.67	< 0.005	0.17	0.17	—	6.01	6.01	< 0.005	< 0.005	< 0.005	6.30
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.15	1.71	5.55	0.01	0.03	—	0.03	0.03	—	0.03	—	748	748	0.03	0.01	—	750
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.30	0.30	< 0.005	0.03	0.03	—	1.00	1.00	< 0.005	< 0.005	< 0.005	1.04
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.22	1.87	2.86	60.1	0.00	0.00	10.6	10.6	0.00	2.48	2.48	—	11,539	11,539	0.38	0.36	39.5	11,694
Vendor	0.11	0.06	6.85	0.51	0.04	0.13	1.85	1.99	0.13	0.51	0.64	—	6,594	6,594	< 0.005	1.02	14.6	6,913
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	2.06	1.69	3.90	38.3	0.00	0.00	10.6	10.6	0.00	2.48	2.48	—	10,137	10,137	0.07	0.36	1.02	10,246
Vendor	0.11	0.06	7.44	0.52	0.04	0.13	1.85	1.99	0.13	0.51	0.64	—	6,596	6,596	< 0.005	1.02	0.38	6,900
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	0.59	0.48	1.01	11.9	0.00	0.00	3.00	3.00	0.00	0.70	0.70	—	2,978	2,978	0.02	0.10	4.85	3,014
Vendor	0.03	0.02	2.08	0.15	0.01	0.04	0.53	0.56	0.04	0.14	0.18	—	1,879	1,879	< 0.005	0.29	1.80	1,968
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	0.11	0.09	0.18	2.17	0.00	0.00	0.55	0.55	0.00	0.13	0.13	—	493	493	< 0.005	0.02	0.80	499
Vendor	0.01	< 0.005	0.38	0.03	< 0.005	0.01	0.10	0.10	0.01	0.03	0.03	—	311	311	< 0.005	0.05	0.30	326
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. Paving (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	0.16	0.13	0.87	0.99	< 0.005	0.04	—	0.04	0.03	—	0.03	—	142	142	0.01	< 0.005	—	142
Paving	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.04	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.60	6.60	< 0.005	< 0.005	—	6.62
Paving	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	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.09	1.09	< 0.005	< 0.005	—	1.10
Paving	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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.30	0.25	0.38	8.01	0.00	0.00	1.41	1.41	0.00	0.33	0.33	—	1,539	1,539	0.05	0.05	5.26	1,559
Vendor	0.02	0.01	1.37	0.10	0.01	0.03	0.37	0.40	0.03	0.10	0.13	—	1,319	1,319	< 0.005	0.20	2.93	1,383
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.02	0.26	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	64.9	64.9	< 0.005	< 0.005	0.11	65.7
Vendor	< 0.005	< 0.005	0.07	< 0.005	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	61.4	61.4	< 0.005	0.01	0.06	64.3
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	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.7	10.7	< 0.005	< 0.005	0.02	10.9
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.2	10.2	< 0.005	< 0.005	0.01	10.6
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. Paving (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	0.02	0.02	0.66	0.99	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	142	142	0.01	< 0.005	—	142
Paving	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.60	6.60	< 0.005	< 0.005	—	6.62
Paving	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	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.09	1.09	< 0.005	< 0.005	—	1.10
Paving	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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.30	0.25	0.38	8.01	0.00	0.00	1.41	1.41	0.00	0.33	0.33	—	1,539	1,539	0.05	0.05	5.26	1,559

Vendor	0.02	0.01	1.37	0.10	0.01	0.03	0.37	0.40	0.03	0.10	0.13	—	1,319	1,319	< 0.005	0.20	2.93	1,383
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.02	0.26	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	64.9	64.9	< 0.005	< 0.005	0.11	65.7
Vendor	< 0.005	< 0.005	0.07	< 0.005	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	61.4	61.4	< 0.005	0.01	0.06	64.3
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	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.7	10.7	< 0.005	< 0.005	0.02	10.9
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.2	10.2	< 0.005	< 0.005	0.01	10.6
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. Utilities/Sub-grade (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 Equipment	5.08	4.26	38.5	40.1	0.08	1.77	—	1.77	1.63	—	1.63	—	8,370	8,370	0.34	0.07	—	8,399
Onsite truck	0.02	0.01	0.31	0.20	< 0.005	< 0.005	24.0	24.0	< 0.005	2.40	2.40	—	85.9	85.9	< 0.005	0.01	0.13	90.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.32	0.27	2.43	2.52	0.01	0.11	—	0.11	0.10	—	0.10	—	527	527	0.02	< 0.005	—	529
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	1.48	1.48	< 0.005	0.15	0.15	—	5.43	5.43	< 0.005	< 0.005	< 0.005	5.69
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.44	0.46	< 0.005	0.02	—	0.02	0.02	—	0.02	—	87.3	87.3	< 0.005	< 0.005	—	87.6
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.27	0.27	< 0.005	0.03	0.03	—	0.90	0.90	< 0.005	< 0.005	< 0.005	0.94
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.77	1.31	2.14	43.5	0.00	0.00	7.07	7.07	0.00	1.66	1.66	—	7,855	7,855	0.26	0.24	29.0	7,961
Vendor	0.11	0.06	7.11	0.55	0.04	0.13	1.85	1.99	0.13	0.51	0.64	—	6,734	6,734	< 0.005	1.06	15.6	7,067
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.07	0.16	1.92	0.00	0.00	0.44	0.44	0.00	0.10	0.10	—	448	448	0.02	0.02	0.79	454
Vendor	0.01	< 0.005	0.48	0.04	< 0.005	0.01	0.12	0.12	0.01	0.03	0.04	—	424	424	< 0.005	0.07	0.43	445
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	0.01	0.03	0.35	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	74.2	74.2	< 0.005	< 0.005	0.13	75.1
Vendor	< 0.005	< 0.005	0.09	0.01	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	70.3	70.3	< 0.005	0.01	0.07	73.6
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. Utilities/Sub-grade (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	1.68	1.52	12.0	48.9	0.08	0.38	—	0.38	0.36	—	0.36	—	8,370	8,370	0.34	0.07	—	8,399
Onsite truck	0.02	0.01	0.31	0.20	< 0.005	< 0.005	24.0	24.0	< 0.005	2.40	2.40	—	85.9	85.9	< 0.005	0.01	0.13	90.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.10	0.76	3.08	0.01	0.02	—	0.02	0.02	—	0.02	—	527	527	0.02	< 0.005	—	529
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	1.48	1.48	< 0.005	0.15	0.15	—	5.43	5.43	< 0.005	< 0.005	< 0.005	5.69
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.14	0.56	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	87.3	87.3	< 0.005	< 0.005	—	87.6
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.27	0.27	< 0.005	0.03	0.03	—	0.90	0.90	< 0.005	< 0.005	< 0.005	0.94
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	1.77	1.31	2.14	43.5	0.00	0.00	7.07	7.07	0.00	1.66	1.66	—	7,855	7,855	0.26	0.24	29.0	7,961
Vendor	0.11	0.06	7.11	0.55	0.04	0.13	1.85	1.99	0.13	0.51	0.64	—	6,734	6,734	< 0.005	1.06	15.6	7,067
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.07	0.16	1.92	0.00	0.00	0.44	0.44	0.00	0.10	0.10	—	448	448	0.02	0.02	0.79	454
Vendor	0.01	< 0.005	0.48	0.04	< 0.005	0.01	0.12	0.12	0.01	0.03	0.04	—	424	424	< 0.005	0.07	0.43	445
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	0.01	0.03	0.35	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	74.2	74.2	< 0.005	< 0.005	0.13	75.1
Vendor	< 0.005	< 0.005	0.09	0.01	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	70.3	70.3	< 0.005	0.01	0.07	73.6
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

Mobile source emissions results are presented in Sections 2.6. No further detailed breakdown of emissions is available.

4.1.2. Mitigated

Mobile source emissions results are presented in Sections 2.5. No further detailed breakdown of emissions is available.

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	13.7	13.7	< 0.005	< 0.005	—	13.8
Total	—	—	—	—	—	—	—	—	—	—	—	—	13.7	13.7	< 0.005	< 0.005	—	13.8
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	13.7	13.7	< 0.005	< 0.005	—	13.8
Total	—	—	—	—	—	—	—	—	—	—	—	—	13.7	13.7	< 0.005	< 0.005	—	13.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	2.26	2.26	< 0.005	< 0.005	—	2.29
Total	—	—	—	—	—	—	—	—	—	—	—	—	2.26	2.26	< 0.005	< 0.005	—	2.29

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	13.7	13.7	< 0.005	< 0.005	—	13.8
Total	—	—	—	—	—	—	—	—	—	—	—	—	13.7	13.7	< 0.005	< 0.005	—	13.8
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	13.7	13.7	< 0.005	< 0.005	—	13.8
Total	—	—	—	—	—	—	—	—	—	—	—	—	13.7	13.7	< 0.005	< 0.005	—	13.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	2.26	2.26	< 0.005	< 0.005	—	2.29
Total	—	—	—	—	—	—	—	—	—	—	—	—	2.26	2.26	< 0.005	< 0.005	—	2.29

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.59	1.59	< 0.005	< 0.005	—	1.59
Total	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.59	1.59	< 0.005	< 0.005	—	1.59
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.59	1.59	< 0.005	< 0.005	—	1.59
Total	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.59	1.59	< 0.005	< 0.005	—	1.59
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.26	0.26	< 0.005	< 0.005	—	0.26
Total	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.26	0.26	< 0.005	< 0.005	—	0.26

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.59	1.59	< 0.005	< 0.005	—	1.59
Total	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.59	1.59	< 0.005	< 0.005	—	1.59
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.59	1.59	< 0.005	< 0.005	—	1.59
Total	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.59	1.59	< 0.005	< 0.005	—	1.59
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.26	0.26	< 0.005	< 0.005	—	0.26
Total	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.26	0.26	< 0.005	< 0.005	—	0.26

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consumer	0.93	0.93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.00	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.34	0.31	0.02	1.89	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.79	7.79	< 0.005	< 0.005	—	7.82
Total	1.27	1.24	0.02	1.89	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.79	7.79	< 0.005	< 0.005	—	7.82
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.93	0.93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.00	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.93	0.93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.17	0.17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.00	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.03	0.03	< 0.005	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.64	0.64	< 0.005	< 0.005	—	0.64
Total	0.20	0.20	< 0.005	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.64	0.64	< 0.005	< 0.005	—	0.64

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.93	0.93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.00	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.34	0.31	0.02	1.89	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.79	7.79	< 0.005	< 0.005	—	7.82
Total	1.27	1.24	0.02	1.89	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.79	7.79	< 0.005	< 0.005	—	7.82
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.93	0.93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.00	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.93	0.93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.17	0.17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architect Coatings	0.00	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.03	0.03	< 0.005	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.64	0.64	< 0.005	< 0.005	—	0.64
Total	0.20	0.20	< 0.005	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.64	0.64	< 0.005	< 0.005	—	0.64

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.29	0.29	< 0.005	< 0.005	—	0.30
Total	—	—	—	—	—	—	—	—	—	—	—	0.00	0.29	0.29	< 0.005	< 0.005	—	0.30
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.29	0.29	< 0.005	< 0.005	—	0.30
Total	—	—	—	—	—	—	—	—	—	—	—	0.00	0.29	0.29	< 0.005	< 0.005	—	0.30
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.05	0.05	< 0.005	< 0.005	—	0.05
Total	—	—	—	—	—	—	—	—	—	—	—	0.00	0.05	0.05	< 0.005	< 0.005	—	0.05

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.29	0.29	< 0.005	< 0.005	—	0.30
Total	—	—	—	—	—	—	—	—	—	—	—	0.00	0.29	0.29	< 0.005	< 0.005	—	0.30
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.29	0.29	< 0.005	< 0.005	—	0.30
Total	—	—	—	—	—	—	—	—	—	—	—	0.00	0.29	0.29	< 0.005	< 0.005	—	0.30
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.05	0.05	< 0.005	< 0.005	—	0.05
Total	—	—	—	—	—	—	—	—	—	—	—	0.00	0.05	0.05	< 0.005	< 0.005	—	0.05

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	3.59	0.00	3.59	0.36	0.00	—	12.6
Total	—	—	—	—	—	—	—	—	—	—	—	3.59	0.00	3.59	0.36	0.00	—	12.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	3.59	0.00	3.59	0.36	0.00	—	12.6
Total	—	—	—	—	—	—	—	—	—	—	—	3.59	0.00	3.59	0.36	0.00	—	12.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.59	0.00	0.59	0.06	0.00	—	2.08
Total	—	—	—	—	—	—	—	—	—	—	—	0.59	0.00	0.59	0.06	0.00	—	2.08

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	3.59	0.00	3.59	0.36	0.00	—	12.6
Total	—	—	—	—	—	—	—	—	—	—	—	3.59	0.00	3.59	0.36	0.00	—	12.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	3.59	0.00	3.59	0.36	0.00	—	12.6

Total	—	—	—	—	—	—	—	—	—	—	—	3.59	0.00	3.59	0.36	0.00	—	12.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.59	0.00	0.59	0.06	0.00	—	2.08
Total	—	—	—	—	—	—	—	—	—	—	—	0.59	0.00	0.59	0.06	0.00	—	2.08

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

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Highway Trucks	0.53	0.44	2.55	2.97	0.01	0.09	—	0.09	0.08	—	0.08	—	1,333	1,333	0.05	0.01	—	1,338
Total	0.53	0.44	2.55	2.97	0.01	0.09	—	0.09	0.08	—	0.08	—	1,333	1,333	0.05	0.01	—	1,338
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Highway Trucks	0.53	0.44	2.55	2.97	0.01	0.09	—	0.09	0.08	—	0.08	—	1,333	1,333	0.05	0.01	—	1,338
Total	0.53	0.44	2.55	2.97	0.01	0.09	—	0.09	0.08	—	0.08	—	1,333	1,333	0.05	0.01	—	1,338
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Highway Trucks	0.10	0.08	0.47	0.54	< 0.005	0.02	—	0.02	0.02	—	0.02	—	221	221	0.01	< 0.005	—	222
Total	0.10	0.08	0.47	0.54	< 0.005	0.02	—	0.02	0.02	—	0.02	—	221	221	0.01	< 0.005	—	222

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Highway Trucks	0.53	0.44	2.55	2.97	0.01	0.09	—	0.09	0.08	—	0.08	—	1,333	1,333	0.05	0.01	—	1,338
Total	0.53	0.44	2.55	2.97	0.01	0.09	—	0.09	0.08	—	0.08	—	1,333	1,333	0.05	0.01	—	1,338
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Highway Trucks	0.53	0.44	2.55	2.97	0.01	0.09	—	0.09	0.08	—	0.08	—	1,333	1,333	0.05	0.01	—	1,338
Total	0.53	0.44	2.55	2.97	0.01	0.09	—	0.09	0.08	—	0.08	—	1,333	1,333	0.05	0.01	—	1,338
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Highway Trucks	0.10	0.08	0.47	0.54	< 0.005	0.02	—	0.02	0.02	—	0.02	—	221	221	0.01	< 0.005	—	222
Total	0.10	0.08	0.47	0.54	< 0.005	0.02	—	0.02	0.02	—	0.02	—	221	221	0.01	< 0.005	—	222

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 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.06	0.06	0.19	0.21	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	29.9	29.9	< 0.005	< 0.005	0.00	30.0
Total	0.06	0.06	0.19	0.21	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	29.9	29.9	< 0.005	< 0.005	0.00	30.0
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.06	0.06	0.19	0.21	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	29.9	29.9	< 0.005	< 0.005	0.00	30.0
Total	0.06	0.06	0.19	0.21	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	29.9	29.9	< 0.005	< 0.005	0.00	30.0
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.01	0.01	0.04	0.04	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	5.03	5.03	< 0.005	< 0.005	0.00	5.04
Total	0.01	0.01	0.04	0.04	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	5.03	5.03	< 0.005	< 0.005	0.00	5.04

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.06	0.06	0.19	0.21	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	29.9	29.9	< 0.005	< 0.005	0.00	30.0
Total	0.06	0.06	0.19	0.21	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	29.9	29.9	< 0.005	< 0.005	0.00	30.0

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.06	0.06	0.19	0.21	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	29.9	29.9	< 0.005	< 0.005	0.00	30.0
Total	0.06	0.06	0.19	0.21	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	29.9	29.9	< 0.005	< 0.005	0.00	30.0
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.01	0.01	0.04	0.04	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	5.03	5.03	< 0.005	< 0.005	0.00	5.04
Total	0.01	0.01	0.04	0.04	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	5.03	5.03	< 0.005	< 0.005	0.00	5.04

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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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
Preparation	Site Preparation	7/1/2025	7/9/2025	7.00	9.00	—
Excavation	Grading	7/10/2025	8/1/2025	7.00	23.0	—
Construction	Building Construction	8/25/2025	4/14/2026	7.00	233	—
Paving	Paving	4/15/2026	5/1/2026	7.00	17.0	—
Utilities/Sub-grade	Trenching	8/2/2025	8/24/2025	7.00	23.0	—

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
Preparation	Crawler Tractors	Diesel	Average	2.00	8.00	87.0	0.43
Preparation	Dumpers/Tenders	Diesel	Average	5.00	8.00	16.0	0.38
Preparation	Forklifts	Diesel	Average	2.00	8.00	82.0	0.20
Preparation	Generator Sets	Diesel	Average	4.00	8.00	14.0	0.74
Preparation	Graders	Diesel	Average	2.00	8.00	148	0.41
Preparation	Plate Compactors	Diesel	Average	2.00	8.00	8.00	0.43
Preparation	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Preparation	Skid Steer Loaders	Diesel	Average	4.00	8.00	71.0	0.37
Preparation	Tractors/Loaders/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37
Excavation	Crawler Tractors	Diesel	Average	2.00	8.00	87.0	0.43
Excavation	Dumpers/Tenders	Diesel	Average	5.00	8.00	16.0	0.38
Excavation	Generator Sets	Diesel	Average	4.00	8.00	14.0	0.74
Excavation	Graders	Diesel	Average	2.00	8.00	148	0.41
Excavation	Plate Compactors	Diesel	Average	2.00	8.00	8.00	0.43
Excavation	Scrapers	Diesel	Average	2.00	8.00	423	0.48

Excavation	Skid Steer Loaders	Diesel	Average	2.00	8.00	71.0	0.37
Excavation	Tractors/Loaders/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37
Excavation	Forklifts	Diesel	Average	2.00	8.00	82.0	0.20
Construction	Bore/Drill Rigs	Diesel	Average	10.0	8.00	83.0	0.50
Construction	Cement and Mortar Mixers	Diesel	Average	10.0	8.00	10.0	0.56
Construction	Concrete/Industrial Saws	Diesel	Average	3.00	8.00	33.0	0.73
Construction	Cranes	Diesel	Average	1.00	8.00	367	0.29
Construction	Dumpers/Tenders	Diesel	Average	5.00	8.00	16.0	0.38
Construction	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Construction	Forklifts	Diesel	Average	5.00	8.00	82.0	0.20
Construction	Generator Sets	Diesel	Average	4.00	8.00	14.0	0.74
Construction	Pavers	Diesel	Average	1.00	8.00	81.0	0.42
Construction	Paving Equipment	Diesel	Average	1.00	8.00	89.0	0.36
Construction	Plate Compactors	Diesel	Average	1.00	8.00	8.00	0.43
Construction	Rollers	Diesel	Average	1.00	8.00	36.0	0.38
Construction	Skid Steer Loaders	Diesel	Average	2.00	8.00	71.0	0.37
Construction	Tractors/Loaders/Backhoes	Diesel	Average	7.00	8.00	84.0	0.37
Construction	Trenchers	Diesel	Average	10.0	8.00	40.0	0.50
Construction	Other Construction Equipment	Diesel	Average	8.00	8.00	82.0	0.42
Paving	Rollers	Diesel	Average	1.00	8.00	36.0	0.38
Utilities/Sub-grade	Crawler Tractors	Diesel	Average	2.00	8.00	87.0	0.43
Utilities/Sub-grade	Dumpers/Tenders	Diesel	Average	5.00	8.00	16.0	0.38
Utilities/Sub-grade	Forklifts	Diesel	Average	2.00	8.00	82.0	0.20
Utilities/Sub-grade	Generator Sets	Diesel	Average	4.00	8.00	14.0	0.74
Utilities/Sub-grade	Graders	Diesel	Average	2.00	8.00	148	0.41

Utilities/Sub-grade	Plate Compactors	Diesel	Average	2.00	8.00	8.00	0.43
Utilities/Sub-grade	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Utilities/Sub-grade	Skid Steer Loaders	Diesel	Average	2.00	8.00	71.0	0.37
Utilities/Sub-grade	Tractors/Loaders/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Preparation	Crawler Tractors	Diesel	Tier 4 Final	2.00	8.00	87.0	0.43
Preparation	Dumpers/Tenders	Diesel	Average	5.00	8.00	16.0	0.38
Preparation	Forklifts	Diesel	Tier 4 Final	2.00	8.00	82.0	0.20
Preparation	Generator Sets	Diesel	Average	4.00	8.00	14.0	0.74
Preparation	Graders	Diesel	Tier 4 Final	2.00	8.00	148	0.41
Preparation	Plate Compactors	Diesel	Average	2.00	8.00	8.00	0.43
Preparation	Scrapers	Diesel	Tier 4 Final	2.00	8.00	423	0.48
Preparation	Skid Steer Loaders	Diesel	Tier 4 Final	4.00	8.00	71.0	0.37
Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Excavation	Crawler Tractors	Diesel	Tier 4 Final	2.00	8.00	87.0	0.43
Excavation	Dumpers/Tenders	Diesel	Average	5.00	8.00	16.0	0.38
Excavation	Generator Sets	Diesel	Average	4.00	8.00	14.0	0.74
Excavation	Graders	Diesel	Tier 4 Final	2.00	8.00	148	0.41
Excavation	Plate Compactors	Diesel	Average	2.00	8.00	8.00	0.43
Excavation	Scrapers	Diesel	Tier 4 Final	2.00	8.00	423	0.48
Excavation	Skid Steer Loaders	Diesel	Tier 4 Final	2.00	8.00	71.0	0.37
Excavation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Excavation	Forklifts	Diesel	Tier 4 Final	2.00	8.00	82.0	0.20
Construction	Bore/Drill Rigs	Diesel	Tier 4 Final	10.0	8.00	83.0	0.50

Construction	Cement and Mortar Mixers	Diesel	Average	10.0	8.00	10.0	0.56
Construction	Concrete/Industrial Saws	Diesel	Tier 4 Final	3.00	8.00	33.0	0.73
Construction	Cranes	Diesel	Tier 4 Final	1.00	8.00	367	0.29
Construction	Dumpers/Tenders	Diesel	Average	5.00	8.00	16.0	0.38
Construction	Excavators	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Construction	Forklifts	Diesel	Tier 4 Final	5.00	8.00	82.0	0.20
Construction	Generator Sets	Diesel	Average	4.00	8.00	14.0	0.74
Construction	Pavers	Diesel	Tier 4 Final	1.00	8.00	81.0	0.42
Construction	Paving Equipment	Diesel	Tier 4 Final	1.00	8.00	89.0	0.36
Construction	Plate Compactors	Diesel	Average	1.00	8.00	8.00	0.43
Construction	Rollers	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
Construction	Skid Steer Loaders	Diesel	Tier 4 Final	2.00	8.00	71.0	0.37
Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	7.00	8.00	84.0	0.37
Construction	Trenchers	Diesel	Tier 4 Final	10.0	8.00	40.0	0.50
Construction	Other Construction Equipment	Diesel	Tier 4 Final	8.00	8.00	82.0	0.42
Paving	Rollers	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
Utilities/Sub-grade	Crawler Tractors	Diesel	Tier 4 Final	2.00	8.00	87.0	0.43
Utilities/Sub-grade	Dumpers/Tenders	Diesel	Average	5.00	8.00	16.0	0.38
Utilities/Sub-grade	Forklifts	Diesel	Tier 4 Final	2.00	8.00	82.0	0.20
Utilities/Sub-grade	Generator Sets	Diesel	Average	4.00	8.00	14.0	0.74
Utilities/Sub-grade	Graders	Diesel	Tier 4 Final	2.00	8.00	148	0.41
Utilities/Sub-grade	Plate Compactors	Diesel	Average	2.00	8.00	8.00	0.43
Utilities/Sub-grade	Scrapers	Diesel	Tier 4 Final	2.00	8.00	423	0.48
Utilities/Sub-grade	Skid Steer Loaders	Diesel	Tier 4 Final	2.00	8.00	71.0	0.37
Utilities/Sub-grade	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Preparation	—	—	—	—
Preparation	Worker	100	50.0	LDA,LDT1,LDT2
Preparation	Vendor	20.0	100	HHDT
Preparation	Hauling	0.00	20.0	HHDT
Preparation	Onsite truck	16.0	1.02	HHDT
Excavation	—	—	—	—
Excavation	Worker	100	50.0	LDA,LDT1,LDT2
Excavation	Vendor	20.0	100	HHDT
Excavation	Hauling	0.00	20.0	HHDT
Excavation	Onsite truck	16.0	1.02	HHDT
Construction	—	—	—	—
Construction	Worker	300	50.0	LDA,LDT1,LDT2
Construction	Vendor	20.0	100	HHDT
Construction	Hauling	0.00	20.0	HHDT
Construction	Onsite truck	4.00	1.02	HHDT
Paving	—	—	—	—
Paving	Worker	40.0	50.0	LDA,LDT1,LDT2
Paving	Vendor	4.00	100	HHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Utilities/Sub-grade	—	—	—	—
Utilities/Sub-grade	Worker	200	50.0	LDA,LDT1,LDT2
Utilities/Sub-grade	Vendor	20.0	100	HHDT
Utilities/Sub-grade	Hauling	0.00	20.0	HHDT

Utilities/Sub-grade	Onsite truck	16.0	1.02	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Preparation	—	—	—	—
Preparation	Worker	100	50.0	LDA,LDT1,LDT2
Preparation	Vendor	20.0	100	HHDT
Preparation	Hauling	0.00	20.0	HHDT
Preparation	Onsite truck	16.0	1.02	HHDT
Excavation	—	—	—	—
Excavation	Worker	100	50.0	LDA,LDT1,LDT2
Excavation	Vendor	20.0	100	HHDT
Excavation	Hauling	0.00	20.0	HHDT
Excavation	Onsite truck	16.0	1.02	HHDT
Construction	—	—	—	—
Construction	Worker	300	50.0	LDA,LDT1,LDT2
Construction	Vendor	20.0	100	HHDT
Construction	Hauling	0.00	20.0	HHDT
Construction	Onsite truck	4.00	1.02	HHDT
Paving	—	—	—	—
Paving	Worker	40.0	50.0	LDA,LDT1,LDT2
Paving	Vendor	4.00	100	HHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Utilities/Sub-grade	—	—	—	—
Utilities/Sub-grade	Worker	200	50.0	LDA,LDT1,LDT2
Utilities/Sub-grade	Vendor	20.0	100	HHDT
Utilities/Sub-grade	Hauling	0.00	20.0	HHDT

Utilities/Sub-grade	Onsite truck	16.0	1.02	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

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)

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)
Preparation	—	—	36.0	0.00	—
Excavation	—	—	92.0	0.00	—
Paving	0.00	0.00	0.00	0.00	0.00

5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
User Defined Industrial	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	204	0.03	< 0.005
2026	0.00	204	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
Total all Land Uses	6.00	0.00	0.00	1,564	20.0	0.00	0.00	5,214

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Total all Land Uses	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

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)
0	0.00	0.00	0.00	—

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)
User Defined Industrial	24,467	204	0.0330	0.0040	4,961

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)
User Defined Industrial	24,467	204	0.0330	0.0040	4,961

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
User Defined Industrial	0.00	325,851

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)

User Defined Industrial	0.00	325,851

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
User Defined Industrial	6.66	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
User Defined Industrial	6.66	—

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

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced

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
Off-Highway Trucks	Diesel	Average	1.00	8.00	376	0.38

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Off-Highway Trucks	Diesel	Average	1.00	8.00	376	0.38

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
Emergency Generator	Diesel	1.00	0.54	200	66.0	0.73

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)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	25.6	annual days of extreme heat
Extreme Precipitation	2.90	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	20.2	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	1	0	0	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	1	0	0	N/A
Flooding	0	0	0	N/A
Drought	0	0	0	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3
Extreme Precipitation	1	1	1	2
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	1	1	1	2
Flooding	1	1	1	2
Drought	1	1	1	2

Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	32.2
AQ-PM	6.14
AQ-DPM	7.07
Drinking Water	8.62
Lead Risk Housing	51.1
Pesticides	87.0
Toxic Releases	4.29
Traffic	3.30
Effect Indicators	—
CleanUp Sites	37.6
Groundwater	71.7
Haz Waste Facilities/Generators	43.3
Impaired Water Bodies	91.9
Solid Waste	83.3

Sensitive Population	—
Asthma	37.5
Cardio-vascular	78.0
Low Birth Weights	71.3
Socioeconomic Factor Indicators	—
Education	83.9
Housing	21.6
Linguistic	63.3
Poverty	69.7
Unemployment	13.2

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	40.63903503
Employed	39.30450404
Median HI	41.72975747
Education	—
Bachelor's or higher	15.24445015
High school enrollment	100
Preschool enrollment	24.93263185
Transportation	—
Auto Access	43.87270627
Active commuting	46.59309637
Social	—
2-parent households	76.45322726
Voting	73.2580521

Neighborhood	—
Alcohol availability	49.71127935
Park access	39.93327345
Retail density	1.475683306
Supermarket access	44.86077249
Tree canopy	42.6793276
Housing	—
Homeownership	58.27024253
Housing habitability	67.48363916
Low-inc homeowner severe housing cost burden	64.71192095
Low-inc renter severe housing cost burden	92.86539202
Uncrowded housing	32.32388041
Health Outcomes	—
Insured adults	18.96573848
Arthritis	0.0
Asthma ER Admissions	72.9
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	33.5
Cognitively Disabled	50.3
Physically Disabled	45.1
Heart Attack ER Admissions	31.4
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0

Obesity	0.0
Pedestrian Injuries	65.3
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.2
SLR Inundation Area	0.0
Children	56.6
Elderly	61.3
English Speaking	31.0
Foreign-born	67.8
Outdoor Workers	2.7
Climate Change Adaptive Capacity	—
Impervious Surface Cover	81.1
Traffic Density	2.3
Traffic Access	0.0
Other Indices	—
Hardship	73.6
Other Decision Support	—
2016 Voting	57.2

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	54.0

Healthy Places Index Score for Project Location (b)	44.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Provided by Applicant
Construction: Construction Phases	Provided by Applicant
Construction: Off-Road Equipment	Provided by Applicant.
Construction: Trips and VMT	Provided by Applicant.
Operations: Architectural Coatings	Not applicable.
Operations: Water and Waste Water	Provided by Applicant
Operations: Solid Waste	1 cu. yd./wk, and assuming density for municipal solid waste (commercial - all waste, uncompacted) of 138 lbs per cu. yd.
Operations: Energy Use	Data for 'Refrigerated Warehouse-Rail' used to estimate energy use by BESS, O&M, Substation, and area lighting.
Operations: Off-Road Equipment	One off-road truck per day for potential O&M activities

Janus Solar Project (Daily) Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

2.2. Construction Emissions by Year, Unmitigated

2.3. Construction Emissions by Year, Mitigated

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, Unmitigated

2.6. Operations Emissions by Sector, Mitigated

3. Construction Emissions Details

3.1. Preparation (2025) - Unmitigated

3.2. Preparation (2025) - Mitigated

3.3. Excavation (2025) - Unmitigated

3.4. Excavation (2025) - Mitigated

3.5. Construction (2025) - Unmitigated

3.6. Construction (2025) - Mitigated

3.7. Construction (2026) - Unmitigated

3.8. Construction (2026) - Mitigated

3.9. Paving (2026) - Unmitigated

3.10. Paving (2026) - Mitigated

3.11. Utilities/Sub-grade (2025) - Unmitigated

3.12. Utilities/Sub-grade (2025) - Mitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.1.2. Mitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.2. Electricity Emissions By Land Use - Mitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.2.4. Natural Gas Emissions By Land Use - Mitigated

4.3. Area Emissions by Source

4.3.1. Unmitigated

4.3.2. Mitigated

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

4.4.2. Mitigated

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

4.5.2. Mitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.6.2. Mitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.7.2. Mitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.8.2. Mitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.9.2. Mitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.2.2. Mitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.3.2. Mitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.9.2. Mitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.10.4. Landscape Equipment - Mitigated

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.11.2. Mitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.12.2. Mitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.13.2. Mitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.14.2. Mitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Janus Solar Project (Daily)
Construction Start Date	7/1/2025
Operational Year	2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.40
Precipitation (days)	9.20
Location	Spring Valley Rd, Williams, CA 95987, USA
County	Colusa
City	Unincorporated
Air District	Colusa County APCD
Air Basin	Sacramento Valley
TAZ	228
EDFZ	4
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
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
User Defined Industrial	666	User Defined Unit	666	43,560	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers
Construction	C-10-A	Water Exposed Surfaces

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.	14.0	11.3	102	188	0.29	3.61	35.5	37.6	3.36	5.43	8.79	—	51,765	51,765	1.17	3.80	105	53,032
Mit.	7.02	5.70	58.7	195	0.29	1.05	34.8	35.4	1.02	5.43	6.46	—	51,765	51,765	1.17	3.80	105	53,032
% Reduced	50%	50%	43%	-4%	—	71%	2%	6%	70%	—	27%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	13.3	11.0	106	157	0.29	3.61	25.7	29.3	3.36	5.43	8.79	—	49,854	49,854	1.19	3.80	2.72	51,019
Mit.	6.32	5.42	62.3	164	0.29	1.05	25.7	26.8	1.02	5.43	6.46	—	49,854	49,854	1.19	3.80	2.72	51,019
% Reduced	52%	51%	41%	-5%	—	71%	—	9%	70%	—	27%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.66	4.69	45.3	66.8	0.13	1.59	14.2	15.8	1.47	2.63	4.10	—	21,847	21,847	0.50	1.70	19.4	22,386
Mit.	2.68	2.30	26.0	70.7	0.13	0.47	14.0	14.4	0.46	2.60	3.06	—	21,847	21,847	0.50	1.70	19.4	22,386
% Reduced	53%	51%	43%	-6%	—	70%	2%	9%	69%	1%	25%	—	—	—	—	—	—	—

Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.03	0.86	8.27	12.2	0.02	0.29	2.59	2.88	0.27	0.48	0.75	—	3,617	3,617	0.08	0.28	3.21	3,706
Mit.	0.49	0.42	4.75	12.9	0.02	0.09	2.55	2.64	0.08	0.47	0.56	—	3,617	3,617	0.08	0.28	3.21	3,706
% Reduced	53%	51%	43%	-6%	—	70%	2%	9%	69%	1%	25%	—	—	—	—	—	—	—
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	137	137	—	—	—	—	80.0	—	—	—	—	—	—	—	—	—	—
Unmit.	—	No	No	—	—	—	—	No	—	—	—	—	—	—	—	—	—	—
Mit.	—	No	No	—	—	—	—	No	—	—	—	—	—	—	—	—	—	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	137	137	—	—	—	—	80.0	—	—	—	—	—	—	—	—	—	—
Unmit.	—	No	No	—	—	—	—	No	—	—	—	—	—	—	—	—	—	—
Mit.	—	No	No	—	—	—	—	No	—	—	—	—	—	—	—	—	—	—
Exceeds (Annual)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	—	Yes	Yes	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mit.	—	Yes	Yes	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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	14.0	11.3	102	188	0.29	3.61	35.5	37.6	3.36	5.43	8.79	—	51,765	51,765	1.17	3.80	105	53,032
2026	12.9	10.7	97.5	181	0.29	3.25	25.7	29.0	3.02	5.43	8.46	—	51,036	51,036	1.16	3.67	96.6	52,255
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	13.3	11.0	106	157	0.29	3.61	25.7	29.3	3.36	5.43	8.79	—	49,854	49,854	1.19	3.80	2.72	51,019
2026	12.6	10.5	101	152	0.29	3.25	25.7	29.0	3.02	5.43	8.46	—	49,170	49,170	0.74	3.67	2.50	50,284
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	5.66	4.69	45.3	66.8	0.13	1.59	14.2	15.8	1.47	2.63	4.10	—	21,847	21,847	0.50	1.70	19.4	22,386
2026	3.63	3.00	28.7	44.9	0.08	0.93	7.36	8.29	0.87	1.56	2.43	—	14,354	14,354	0.21	1.07	12.1	14,691
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.03	0.86	8.27	12.2	0.02	0.29	2.59	2.88	0.27	0.48	0.75	—	3,617	3,617	0.08	0.28	3.21	3,706
2026	0.66	0.55	5.23	8.19	0.02	0.17	1.34	1.51	0.16	0.29	0.44	—	2,377	2,377	0.03	0.18	2.01	2,432

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	7.02	5.70	58.7	195	0.29	1.05	34.8	35.4	1.02	5.43	6.46	—	51,765	51,765	1.17	3.80	105	53,032
2026	6.45	5.57	57.4	188	0.29	1.05	25.7	26.8	1.02	5.43	6.46	—	51,036	51,036	1.16	3.67	96.6	52,255
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	6.32	5.42	62.3	164	0.29	1.05	25.7	26.8	1.02	5.43	6.46	—	49,854	49,854	1.19	3.80	2.72	51,019
2026	6.22	5.32	60.6	159	0.29	1.05	25.7	26.8	1.02	5.43	6.46	—	49,170	49,170	0.74	3.67	2.50	50,284

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	2.68	2.30	26.0	70.7	0.13	0.47	14.0	14.4	0.46	2.60	3.06	—	21,847	21,847	0.50	1.70	19.4	22,386
2026	1.79	1.53	17.2	47.0	0.08	0.30	7.36	7.66	0.29	1.56	1.86	—	14,354	14,354	0.21	1.07	12.1	14,691
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.49	0.42	4.75	12.9	0.02	0.09	2.55	2.64	0.08	0.47	0.56	—	3,617	3,617	0.08	0.28	3.21	3,706
2026	0.33	0.28	3.14	8.58	0.02	0.06	1.34	1.40	0.05	0.29	0.34	—	2,377	2,377	0.03	0.18	2.01	2,432

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.	2.08	1.96	2.83	5.57	0.01	0.10	0.03	0.13	0.09	0.01	0.10	3.59	1,433	1,437	0.43	0.02	0.12	1,453
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.71	1.62	2.82	3.82	0.01	0.10	0.03	0.13	0.09	0.01	0.10	3.59	1,423	1,426	0.43	0.02	< 0.005	1,442
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.83	1.72	2.80	4.50	0.01	0.10	0.02	0.12	0.09	0.01	0.10	3.59	1,415	1,418	0.42	0.02	0.04	1,434
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.33	0.31	0.51	0.82	< 0.005	0.02	< 0.005	0.02	0.02	< 0.005	0.02	0.59	234	235	0.07	< 0.005	0.01	237
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	25.0	25.0	—	—	—	—	80.0	—	—	—	—	—	—	—	—	—	—
Unmit.	—	No	No	—	—	—	—	No	—	—	—	—	—	—	—	—	—	—

Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	25.0	25.0	—	—	—	—	80.0	—	—	—	—	—	—	—	—	—	—
Unmit.	—	No	No	—	—	—	—	No	—	—	—	—	—	—	—	—	—	—

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	0.22	0.22	0.07	0.50	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	46.4	46.4	0.01	0.01	0.12	48.5
Area	1.27	1.24	0.02	1.89	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.79	7.79	< 0.005	< 0.005	—	7.82
Energy	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	15.3	15.3	< 0.005	< 0.005	—	15.4
Water	—	—	—	—	—	—	—	—	—	—	—	0.00	0.29	0.29	< 0.005	< 0.005	—	0.30
Waste	—	—	—	—	—	—	—	—	—	—	—	3.59	0.00	3.59	0.36	0.00	—	12.6
Off-Road	0.53	0.44	2.55	2.97	0.01	0.09	—	0.09	0.08	—	0.08	—	1,333	1,333	0.05	0.01	—	1,338
Stationary	0.06	0.06	0.19	0.21	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	29.9	29.9	< 0.005	< 0.005	0.00	30.0
Total	2.08	1.96	2.83	5.57	0.01	0.10	0.03	0.13	0.09	0.01	0.10	3.59	1,433	1,437	0.43	0.02	0.12	1,453
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.19	0.18	0.08	0.64	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	43.7	43.7	0.01	0.01	< 0.005	45.9
Area	0.93	0.93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	15.3	15.3	< 0.005	< 0.005	—	15.4
Water	—	—	—	—	—	—	—	—	—	—	—	0.00	0.29	0.29	< 0.005	< 0.005	—	0.30
Waste	—	—	—	—	—	—	—	—	—	—	—	3.59	0.00	3.59	0.36	0.00	—	12.6

Off-Roa	0.53	0.44	2.55	2.97	0.01	0.09	—	0.09	0.08	—	0.08	—	1,333	1,333	0.05	0.01	—	1,338
Stationary	0.06	0.06	0.19	0.21	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	29.9	29.9	< 0.005	< 0.005	0.00	30.0
Total	1.71	1.62	2.82	3.82	0.01	0.10	0.03	0.13	0.09	0.01	0.10	3.59	1,423	1,426	0.43	0.02	< 0.005	1,442
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.14	0.13	0.05	0.38	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	31.5	31.5	0.01	< 0.005	0.04	33.0
Area	1.10	1.09	0.01	0.93	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.84	3.84	< 0.005	< 0.005	—	3.86
Energy	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	15.3	15.3	< 0.005	< 0.005	—	15.4
Water	—	—	—	—	—	—	—	—	—	—	—	0.00	0.29	0.29	< 0.005	< 0.005	—	0.30
Waste	—	—	—	—	—	—	—	—	—	—	—	3.59	0.00	3.59	0.36	0.00	—	12.6
Off-Road	0.53	0.44	2.55	2.97	0.01	0.09	—	0.09	0.08	—	0.08	—	1,333	1,333	0.05	0.01	—	1,338
Stationary	0.07	0.06	0.19	0.22	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	30.4	30.4	< 0.005	< 0.005	0.00	30.5
Total	1.83	1.72	2.80	4.50	0.01	0.10	0.02	0.12	0.09	0.01	0.10	3.59	1,415	1,418	0.42	0.02	0.04	1,434
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.02	0.02	0.01	0.07	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.22	5.22	< 0.005	< 0.005	0.01	5.47
Area	0.20	0.20	< 0.005	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.64	0.64	< 0.005	< 0.005	—	0.64
Energy	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.53	2.53	< 0.005	< 0.005	—	2.55
Water	—	—	—	—	—	—	—	—	—	—	—	0.00	0.05	0.05	< 0.005	< 0.005	—	0.05
Waste	—	—	—	—	—	—	—	—	—	—	—	0.59	0.00	0.59	0.06	0.00	—	2.08
Off-Road	0.10	0.08	0.47	0.54	< 0.005	0.02	—	0.02	0.02	—	0.02	—	221	221	0.01	< 0.005	—	222
Stationary	0.01	0.01	0.04	0.04	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	5.03	5.03	< 0.005	< 0.005	0.00	5.04
Total	0.33	0.31	0.51	0.82	< 0.005	0.02	< 0.005	0.02	0.02	< 0.005	0.02	0.59	234	235	0.07	< 0.005	0.01	237

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	0.22	0.22	0.07	0.50	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	46.4	46.4	0.01	0.01	0.12	48.5
Area	1.27	1.24	0.02	1.89	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.79	7.79	< 0.005	< 0.005	—	7.82
Energy	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	15.3	15.3	< 0.005	< 0.005	—	15.4
Water	—	—	—	—	—	—	—	—	—	—	—	0.00	0.29	0.29	< 0.005	< 0.005	—	0.30
Waste	—	—	—	—	—	—	—	—	—	—	—	3.59	0.00	3.59	0.36	0.00	—	12.6
Off-Road	0.53	0.44	2.55	2.97	0.01	0.09	—	0.09	0.08	—	0.08	—	1,333	1,333	0.05	0.01	—	1,338
Stationary	0.06	0.06	0.19	0.21	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	29.9	29.9	< 0.005	< 0.005	0.00	30.0
Total	2.08	1.96	2.83	5.57	0.01	0.10	0.03	0.13	0.09	0.01	0.10	3.59	1,433	1,437	0.43	0.02	0.12	1,453
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.19	0.18	0.08	0.64	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	43.7	43.7	0.01	0.01	< 0.005	45.9
Area	0.93	0.93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	15.3	15.3	< 0.005	< 0.005	—	15.4
Water	—	—	—	—	—	—	—	—	—	—	—	0.00	0.29	0.29	< 0.005	< 0.005	—	0.30
Waste	—	—	—	—	—	—	—	—	—	—	—	3.59	0.00	3.59	0.36	0.00	—	12.6
Off-Road	0.53	0.44	2.55	2.97	0.01	0.09	—	0.09	0.08	—	0.08	—	1,333	1,333	0.05	0.01	—	1,338
Stationary	0.06	0.06	0.19	0.21	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	29.9	29.9	< 0.005	< 0.005	0.00	30.0
Total	1.71	1.62	2.82	3.82	0.01	0.10	0.03	0.13	0.09	0.01	0.10	3.59	1,423	1,426	0.43	0.02	< 0.005	1,442
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.14	0.13	0.05	0.38	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	31.5	31.5	0.01	< 0.005	0.04	33.0
Area	1.10	1.09	0.01	0.93	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.84	3.84	< 0.005	< 0.005	—	3.86
Energy	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	15.3	15.3	< 0.005	< 0.005	—	15.4

Water	—	—	—	—	—	—	—	—	—	—	—	0.00	0.29	0.29	< 0.005	< 0.005	—	0.30
Waste	—	—	—	—	—	—	—	—	—	—	—	3.59	0.00	3.59	0.36	0.00	—	12.6
Off-Road	0.53	0.44	2.55	2.97	0.01	0.09	—	0.09	0.08	—	0.08	—	1,333	1,333	0.05	0.01	—	1,338
Stationary	0.07	0.06	0.19	0.22	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	30.4	30.4	< 0.005	< 0.005	0.00	30.5
Total	1.83	1.72	2.80	4.50	0.01	0.10	0.02	0.12	0.09	0.01	0.10	3.59	1,415	1,418	0.42	0.02	0.04	1,434
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.02	0.02	0.01	0.07	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.22	5.22	< 0.005	< 0.005	0.01	5.47
Area	0.20	0.20	< 0.005	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.64	0.64	< 0.005	< 0.005	—	0.64
Energy	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.53	2.53	< 0.005	< 0.005	—	2.55
Water	—	—	—	—	—	—	—	—	—	—	—	0.00	0.05	0.05	< 0.005	< 0.005	—	0.05
Waste	—	—	—	—	—	—	—	—	—	—	—	0.59	0.00	0.59	0.06	0.00	—	2.08
Off-Road	0.10	0.08	0.47	0.54	< 0.005	0.02	—	0.02	0.02	—	0.02	—	221	221	0.01	< 0.005	—	222
Stationary	0.01	0.01	0.04	0.04	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	5.03	5.03	< 0.005	< 0.005	0.00	5.04
Total	0.33	0.31	0.51	0.82	< 0.005	0.02	< 0.005	0.02	0.02	< 0.005	0.02	0.59	234	235	0.07	< 0.005	0.01	237

3. Construction Emissions Details

3.1. 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 Equipment	5.24	4.39	40.3	43.1	0.09	1.83	—	1.83	1.68	—	1.68	—	8,860	8,860	0.36	0.07	—	8,891
Dust From Material Movement	—	—	—	—	—	—	4.24	4.24	—	0.46	0.46	—	—	—	—	—	—	—
Onsite truck	0.02	0.01	0.31	0.20	< 0.005	< 0.005	24.0	24.0	< 0.005	2.40	2.40	—	85.9	85.9	< 0.005	0.01	0.13	90.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.11	0.99	1.06	< 0.005	0.05	—	0.05	0.04	—	0.04	—	218	218	0.01	< 0.005	—	219
Dust From Material Movement	—	—	—	—	—	—	0.10	0.10	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.58	0.58	< 0.005	0.06	0.06	—	2.13	2.13	< 0.005	< 0.005	< 0.005	2.23
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.18	0.19	< 0.005	0.01	—	0.01	0.01	—	0.01	—	36.2	36.2	< 0.005	< 0.005	—	36.3
Dust From Material Movement	—	—	—	—	—	—	0.02	0.02	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.11	0.11	< 0.005	0.01	0.01	—	0.35	0.35	< 0.005	< 0.005	< 0.005	0.37
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.88	0.65	1.07	21.8	0.00	0.00	3.53	3.53	0.00	0.83	0.83	—	3,928	3,928	0.13	0.12	14.5	3,981
Vendor	0.22	0.12	14.2	1.11	0.09	0.26	3.71	3.97	0.26	1.02	1.28	—	13,469	13,469	< 0.005	2.13	31.3	14,134
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.03	0.38	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	87.7	87.7	< 0.005	< 0.005	0.15	88.8
Vendor	0.01	< 0.005	0.37	0.03	< 0.005	0.01	0.09	0.10	0.01	0.02	0.03	—	332	332	< 0.005	0.05	0.33	348
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	0.01	0.07	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14.5	14.5	< 0.005	< 0.005	0.03	14.7
Vendor	< 0.005	< 0.005	0.07	0.01	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	55.0	55.0	< 0.005	0.01	0.06	57.6
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. 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	1.77	1.61	14.6	52.3	0.09	0.39	—	0.39	0.37	—	0.37	—	8,860	8,860	0.36	0.07	—	8,891

Dust From Material Movement	—	—	—	—	—	—	1.65	1.65	—	0.18	0.18	—	—	—	—	—	—	—
Onsite truck	0.02	0.01	0.31	0.20	< 0.005	< 0.005	24.0	24.0	< 0.005	2.40	2.40	—	85.9	85.9	< 0.005	0.01	0.13	90.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.36	1.29	< 0.005	0.01	—	0.01	0.01	—	0.01	—	218	218	0.01	< 0.005	—	219
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.58	0.58	< 0.005	0.06	0.06	—	2.13	2.13	< 0.005	< 0.005	< 0.005	2.23
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.24	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	36.2	36.2	< 0.005	< 0.005	—	36.3
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.11	0.11	< 0.005	0.01	0.01	—	0.35	0.35	< 0.005	< 0.005	< 0.005	0.37
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.88	0.65	1.07	21.8	0.00	0.00	3.53	3.53	0.00	0.83	0.83	—	3,928	3,928	0.13	0.12	14.5	3,981

Vendor	0.22	0.12	14.2	1.11	0.09	0.26	3.71	3.97	0.26	1.02	1.28	—	13,469	13,469	< 0.005	2.13	31.3	14,134
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.03	0.38	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	87.7	87.7	< 0.005	< 0.005	0.15	88.8
Vendor	0.01	< 0.005	0.37	0.03	< 0.005	0.01	0.09	0.10	0.01	0.02	0.03	—	332	332	< 0.005	0.05	0.33	348
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	0.01	0.07	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14.5	14.5	< 0.005	< 0.005	0.03	14.7
Vendor	< 0.005	< 0.005	0.07	0.01	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	55.0	55.0	< 0.005	0.01	0.06	57.6
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. Excavation (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 Equipment	5.08	4.26	38.5	40.1	0.08	1.77	—	1.77	1.63	—	1.63	—	8,370	8,370	0.34	0.07	—	8,399
Dust From Material Movement	—	—	—	—	—	—	4.24	4.24	—	0.46	0.46	—	—	—	—	—	—	—
Onsite truck	0.02	0.01	0.31	0.20	< 0.005	< 0.005	24.0	24.0	< 0.005	2.40	2.40	—	85.9	85.9	< 0.005	0.01	0.13	90.1

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.32	0.27	2.43	2.52	0.01	0.11	—	0.11	0.10	—	0.10	—	527	527	0.02	< 0.005	—	529
Dust From Material Movement	—	—	—	—	—	—	0.27	0.27	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	1.48	1.48	< 0.005	0.15	0.15	—	5.43	5.43	< 0.005	< 0.005	< 0.005	5.69
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.44	0.46	< 0.005	0.02	—	0.02	0.02	—	0.02	—	87.3	87.3	< 0.005	< 0.005	—	87.6
Dust From Material Movement	—	—	—	—	—	—	0.05	0.05	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.27	0.27	< 0.005	0.03	0.03	—	0.90	0.90	< 0.005	< 0.005	< 0.005	0.94
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.88	0.65	1.07	21.8	0.00	0.00	3.53	3.53	0.00	0.83	0.83	—	3,928	3,928	0.13	0.12	14.5	3,981
Vendor	0.22	0.12	14.2	1.11	0.09	0.26	3.71	3.97	0.26	1.02	1.28	—	13,469	13,469	< 0.005	2.13	31.3	14,134
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.08	0.96	0.00	0.00	0.22	0.22	0.00	0.05	0.05	—	224	224	0.01	0.01	0.39	227
Vendor	0.01	0.01	0.95	0.07	0.01	0.02	0.23	0.25	0.02	0.06	0.08	—	849	849	< 0.005	0.13	0.85	890
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	0.18	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	37.1	37.1	< 0.005	< 0.005	0.07	37.6
Vendor	< 0.005	< 0.005	0.17	0.01	< 0.005	< 0.005	0.04	0.05	< 0.005	0.01	0.01	—	141	141	< 0.005	0.02	0.14	147
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. Excavation (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	1.68	1.52	12.0	48.9	0.08	0.38	—	0.38	0.36	—	0.36	—	8,370	8,370	0.34	0.07	—	8,399
Dust From Material Movement	—	—	—	—	—	—	1.65	1.65	—	0.18	0.18	—	—	—	—	—	—	—
Onsite truck	0.02	0.01	0.31	0.20	< 0.005	< 0.005	24.0	24.0	< 0.005	2.40	2.40	—	85.9	85.9	< 0.005	0.01	0.13	90.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	0.11	0.10	0.76	3.08	0.01	0.02	—	0.02	0.02	—	0.02	—	527	527	0.02	< 0.005	—	529
Dust From Material Movement	—	—	—	—	—	—	0.10	0.10	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	1.48	1.48	< 0.005	0.15	0.15	—	5.43	5.43	< 0.005	< 0.005	< 0.005	5.69
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.14	0.56	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	87.3	87.3	< 0.005	< 0.005	—	87.6
Dust From Material Movement	—	—	—	—	—	—	0.02	0.02	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.27	0.27	< 0.005	0.03	0.03	—	0.90	0.90	< 0.005	< 0.005	< 0.005	0.94
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.88	0.65	1.07	21.8	0.00	0.00	3.53	3.53	0.00	0.83	0.83	—	3,928	3,928	0.13	0.12	14.5	3,981
Vendor	0.22	0.12	14.2	1.11	0.09	0.26	3.71	3.97	0.26	1.02	1.28	—	13,469	13,469	< 0.005	2.13	31.3	14,134
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.08	0.96	0.00	0.00	0.22	0.22	0.00	0.05	0.05	—	224	224	0.01	0.01	0.39	227
Vendor	0.01	0.01	0.95	0.07	0.01	0.02	0.23	0.25	0.02	0.06	0.08	—	849	849	< 0.005	0.13	0.85	890
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	0.18	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	37.1	37.1	< 0.005	< 0.005	0.07	37.6
Vendor	< 0.005	< 0.005	0.17	0.01	< 0.005	< 0.005	0.04	0.05	< 0.005	0.01	0.01	—	141	141	< 0.005	0.02	0.14	147
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. Construction (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 Equipment	10.1	8.47	76.4	99.4	0.16	3.22	—	3.22	2.96	—	2.96	—	15,831	15,831	0.64	0.13	—	15,885
Onsite truck	< 0.005	< 0.005	0.08	0.05	< 0.005	< 0.005	6.01	6.01	< 0.005	0.60	0.60	—	21.5	21.5	< 0.005	< 0.005	0.03	22.5
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	10.1	8.47	76.4	99.4	0.16	3.22	—	3.22	2.96	—	2.96	—	15,831	15,831	0.64	0.13	—	15,885
Onsite truck	< 0.005	< 0.005	0.08	0.05	< 0.005	< 0.005	6.01	6.01	< 0.005	0.60	0.60	—	21.7	21.7	< 0.005	< 0.005	< 0.005	22.7
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.58	3.00	27.0	35.1	0.05	1.14	—	1.14	1.05	—	1.05	—	5,595	5,595	0.23	0.05	—	5,614
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	2.07	2.07	< 0.005	0.21	0.21	—	7.62	7.62	< 0.005	< 0.005	< 0.005	7.98

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.65	0.55	4.93	6.41	0.01	0.21	—	0.21	0.19	—	0.19	—	926	926	0.04	0.01	—	929
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.38	0.38	< 0.005	0.04	0.04	—	1.26	1.26	< 0.005	< 0.005	< 0.005	1.32
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	3.54	2.62	4.29	87.0	0.00	0.00	14.1	14.1	0.00	3.31	3.31	—	15,710	15,710	0.52	0.48	58.0	15,923
Vendor	0.33	0.19	21.3	1.66	0.13	0.40	5.56	5.96	0.40	1.52	1.92	—	20,203	20,203	< 0.005	3.19	46.9	21,201
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	2.84	2.35	6.10	55.4	0.00	0.00	14.1	14.1	0.00	3.31	3.31	—	13,796	13,796	0.55	0.48	1.50	13,953
Vendor	0.32	0.18	23.1	1.69	0.13	0.40	5.56	5.96	0.40	1.52	1.92	—	20,206	20,206	< 0.005	3.19	1.21	21,159
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	1.01	0.84	1.83	21.5	0.00	0.00	4.96	4.96	0.00	1.16	1.16	—	5,028	5,028	0.19	0.17	8.85	5,092
Vendor	0.11	0.06	8.02	0.59	0.05	0.14	1.96	2.10	0.14	0.54	0.68	—	7,141	7,141	< 0.005	1.13	7.15	7,484
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	0.18	0.15	0.33	3.93	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	832	832	0.03	0.03	1.46	843
Vendor	0.02	0.01	1.46	0.11	0.01	0.03	0.36	0.38	0.03	0.10	0.12	—	1,182	1,182	< 0.005	0.19	1.18	1,239
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. Construction (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	3.16	2.89	33.0	107	0.16	0.66	—	0.66	0.63	—	0.63	—	15,831	15,831	0.64	0.13	—	15,885
Onsite truck	< 0.005	< 0.005	0.08	0.05	< 0.005	< 0.005	6.01	6.01	< 0.005	0.60	0.60	—	21.5	21.5	< 0.005	< 0.005	0.03	22.5
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.16	2.89	33.0	107	0.16	0.66	—	0.66	0.63	—	0.63	—	15,831	15,831	0.64	0.13	—	15,885
Onsite truck	< 0.005	< 0.005	0.08	0.05	< 0.005	< 0.005	6.01	6.01	< 0.005	0.60	0.60	—	21.7	21.7	< 0.005	< 0.005	< 0.005	22.7
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.12	1.02	11.7	37.7	0.05	0.23	—	0.23	0.22	—	0.22	—	5,595	5,595	0.23	0.05	—	5,614
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	2.07	2.07	< 0.005	0.21	0.21	—	7.62	7.62	< 0.005	< 0.005	< 0.005	7.98
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.20	0.19	2.13	6.88	0.01	0.04	—	0.04	0.04	—	0.04	—	926	926	0.04	0.01	—	929
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.38	0.38	< 0.005	0.04	0.04	—	1.26	1.26	< 0.005	< 0.005	< 0.005	1.32

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	3.54	2.62	4.29	87.0	0.00	0.00	14.1	14.1	0.00	3.31	3.31	—	15,710	15,710	0.52	0.48	58.0	15,923
Vendor	0.33	0.19	21.3	1.66	0.13	0.40	5.56	5.96	0.40	1.52	1.92	—	20,203	20,203	< 0.005	3.19	46.9	21,201
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	2.84	2.35	6.10	55.4	0.00	0.00	14.1	14.1	0.00	3.31	3.31	—	13,796	13,796	0.55	0.48	1.50	13,953
Vendor	0.32	0.18	23.1	1.69	0.13	0.40	5.56	5.96	0.40	1.52	1.92	—	20,206	20,206	< 0.005	3.19	1.21	21,159
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	1.01	0.84	1.83	21.5	0.00	0.00	4.96	4.96	0.00	1.16	1.16	—	5,028	5,028	0.19	0.17	8.85	5,092
Vendor	0.11	0.06	8.02	0.59	0.05	0.14	1.96	2.10	0.14	0.54	0.68	—	7,141	7,141	< 0.005	1.13	7.15	7,484
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	0.18	0.15	0.33	3.93	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	832	832	0.03	0.03	1.46	843
Vendor	0.02	0.01	1.46	0.11	0.01	0.03	0.36	0.38	0.03	0.10	0.12	—	1,182	1,182	< 0.005	0.19	1.18	1,239
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. Construction (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	9.58	8.02	73.1	99.0	0.16	2.85	—	2.85	2.63	—	2.63	—	15,846	15,846	0.64	0.13	—	15,900
Onsite truck	< 0.005	< 0.005	0.08	0.05	< 0.005	< 0.005	6.01	6.01	< 0.005	0.60	0.60	—	21.0	21.0	< 0.005	< 0.005	0.03	22.0
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	9.58	8.02	73.1	99.0	0.16	2.85	—	2.85	2.63	—	2.63	—	15,846	15,846	0.64	0.13	—	15,900
Onsite truck	< 0.005	< 0.005	0.08	0.05	< 0.005	< 0.005	6.01	6.01	< 0.005	0.60	0.60	—	21.2	21.2	< 0.005	< 0.005	< 0.005	22.2
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.73	2.29	20.8	28.2	0.04	0.81	—	0.81	0.75	—	0.75	—	4,515	4,515	0.18	0.04	—	4,531
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	1.67	1.67	< 0.005	0.17	0.17	—	6.01	6.01	< 0.005	< 0.005	< 0.005	6.30
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.50	0.42	3.80	5.15	0.01	0.15	—	0.15	0.14	—	0.14	—	748	748	0.03	0.01	—	750
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.30	0.30	< 0.005	0.03	0.03	—	1.00	1.00	< 0.005	< 0.005	< 0.005	1.04
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.96	2.50	3.82	80.1	0.00	0.00	14.1	14.1	0.00	3.31	3.31	—	15,385	15,385	0.51	0.48	52.6	15,593
Vendor	0.33	0.19	20.5	1.53	0.13	0.40	5.56	5.96	0.40	1.52	1.92	—	19,783	19,783	< 0.005	3.06	43.9	20,740
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	2.74	2.25	5.20	51.1	0.00	0.00	14.1	14.1	0.00	3.31	3.31	—	13,516	13,516	0.10	0.48	1.36	13,662
Vendor	0.32	0.18	22.3	1.56	0.13	0.40	5.56	5.96	0.40	1.52	1.92	—	19,787	19,787	< 0.005	3.06	1.14	20,700
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	0.78	0.65	1.35	15.9	0.00	0.00	4.00	4.00	0.00	0.94	0.94	—	3,971	3,971	0.03	0.14	6.47	4,019
Vendor	0.09	0.05	6.24	0.44	0.04	0.11	1.58	1.69	0.11	0.43	0.55	—	5,637	5,637	< 0.005	0.87	5.39	5,903
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	0.14	0.12	0.25	2.90	0.00	0.00	0.73	0.73	0.00	0.17	0.17	—	657	657	< 0.005	0.02	1.07	665
Vendor	0.02	0.01	1.14	0.08	0.01	0.02	0.29	0.31	0.02	0.08	0.10	—	933	933	< 0.005	0.14	0.89	977
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. Construction (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	3.15	2.88	33.0	107	0.16	0.66	—	0.66	0.62	—	0.62	—	15,846	15,846	0.64	0.13	—	15,900
Onsite truck	< 0.005	< 0.005	0.08	0.05	< 0.005	< 0.005	6.01	6.01	< 0.005	0.60	0.60	—	21.0	21.0	< 0.005	< 0.005	0.03	22.0
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	3.15	2.88	33.0	107	0.16	0.66	—	0.66	0.62	—	0.62	—	15,846	15,846	0.64	0.13	—	15,900
Onsite truck	< 0.005	< 0.005	0.08	0.05	< 0.005	< 0.005	6.01	6.01	< 0.005	0.60	0.60	—	21.2	21.2	< 0.005	< 0.005	< 0.005	22.2
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.90	0.82	9.39	30.4	0.04	0.19	—	0.19	0.18	—	0.18	—	4,515	4,515	0.18	0.04	—	4,531
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	1.67	1.67	< 0.005	0.17	0.17	—	6.01	6.01	< 0.005	< 0.005	< 0.005	6.30
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.16	0.15	1.71	5.55	0.01	0.03	—	0.03	0.03	—	0.03	—	748	748	0.03	0.01	—	750
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.30	0.30	< 0.005	0.03	0.03	—	1.00	1.00	< 0.005	< 0.005	< 0.005	1.04
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.96	2.50	3.82	80.1	0.00	0.00	14.1	14.1	0.00	3.31	3.31	—	15,385	15,385	0.51	0.48	52.6	15,593
Vendor	0.33	0.19	20.5	1.53	0.13	0.40	5.56	5.96	0.40	1.52	1.92	—	19,783	19,783	< 0.005	3.06	43.9	20,740
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	2.74	2.25	5.20	51.1	0.00	0.00	14.1	14.1	0.00	3.31	3.31	—	13,516	13,516	0.10	0.48	1.36	13,662
Vendor	0.32	0.18	22.3	1.56	0.13	0.40	5.56	5.96	0.40	1.52	1.92	—	19,787	19,787	< 0.005	3.06	1.14	20,700
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	0.78	0.65	1.35	15.9	0.00	0.00	4.00	4.00	0.00	0.94	0.94	—	3,971	3,971	0.03	0.14	6.47	4,019
Vendor	0.09	0.05	6.24	0.44	0.04	0.11	1.58	1.69	0.11	0.43	0.55	—	5,637	5,637	< 0.005	0.87	5.39	5,903
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	0.14	0.12	0.25	2.90	0.00	0.00	0.73	0.73	0.00	0.17	0.17	—	657	657	< 0.005	0.02	1.07	665
Vendor	0.02	0.01	1.14	0.08	0.01	0.02	0.29	0.31	0.02	0.08	0.10	—	933	933	< 0.005	0.14	0.89	977
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. Paving (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	0.16	0.13	0.87	0.99	< 0.005	0.04	—	0.04	0.03	—	0.03	—	142	142	0.01	< 0.005	—	142
Paving	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.04	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.60	6.60	< 0.005	< 0.005	—	6.62
Paving	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	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.09	1.09	< 0.005	< 0.005	—	1.10
Paving	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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.30	0.25	0.38	8.01	0.00	0.00	1.41	1.41	0.00	0.33	0.33	—	1,539	1,539	0.05	0.05	5.26	1,559
Vendor	0.05	0.03	3.42	0.26	0.02	0.07	0.93	0.99	0.07	0.25	0.32	—	3,297	3,297	< 0.005	0.51	7.31	3,457
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.02	0.26	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	64.9	64.9	< 0.005	< 0.005	0.11	65.7
Vendor	< 0.005	< 0.005	0.17	0.01	< 0.005	< 0.005	0.04	0.05	< 0.005	0.01	0.01	—	154	154	< 0.005	0.02	0.15	161
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	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.7	10.7	< 0.005	< 0.005	0.02	10.9
Vendor	< 0.005	< 0.005	0.03	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	25.4	25.4	< 0.005	< 0.005	0.02	26.6
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. Paving (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	0.02	0.02	0.66	0.99	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	142	142	0.01	< 0.005	—	142
Paving	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.60	6.60	< 0.005	< 0.005	—	6.62
Paving	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	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.09	1.09	< 0.005	< 0.005	—	1.10
Paving	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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.30	0.25	0.38	8.01	0.00	0.00	1.41	1.41	0.00	0.33	0.33	—	1,539	1,539	0.05	0.05	5.26	1,559
Vendor	0.05	0.03	3.42	0.26	0.02	0.07	0.93	0.99	0.07	0.25	0.32	—	3,297	3,297	< 0.005	0.51	7.31	3,457
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.02	0.26	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	64.9	64.9	< 0.005	< 0.005	0.11	65.7
Vendor	< 0.005	< 0.005	0.17	0.01	< 0.005	< 0.005	0.04	0.05	< 0.005	0.01	0.01	—	154	154	< 0.005	0.02	0.15	161
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	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.7	10.7	< 0.005	< 0.005	0.02	10.9
Vendor	< 0.005	< 0.005	0.03	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	25.4	25.4	< 0.005	< 0.005	0.02	26.6
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. Utilities/Sub-grade (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 Equipment	5.08	4.26	38.5	40.1	0.08	1.77	—	1.77	1.63	—	1.63	—	8,370	8,370	0.34	0.07	—	8,399
Onsite truck	0.02	0.01	0.31	0.20	< 0.005	< 0.005	24.0	24.0	< 0.005	2.40	2.40	—	85.9	85.9	< 0.005	0.01	0.13	90.1

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.32	0.27	2.43	2.52	0.01	0.11	—	0.11	0.10	—	0.10	—	527	527	0.02	< 0.005	—	529
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	1.48	1.48	< 0.005	0.15	0.15	—	5.43	5.43	< 0.005	< 0.005	< 0.005	5.69
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.44	0.46	< 0.005	0.02	—	0.02	0.02	—	0.02	—	87.3	87.3	< 0.005	< 0.005	—	87.6
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.27	0.27	< 0.005	0.03	0.03	—	0.90	0.90	< 0.005	< 0.005	< 0.005	0.94
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.77	1.31	2.14	43.5	0.00	0.00	7.07	7.07	0.00	1.66	1.66	—	7,855	7,855	0.26	0.24	29.0	7,961
Vendor	0.22	0.12	14.2	1.11	0.09	0.26	3.71	3.97	0.26	1.02	1.28	—	13,469	13,469	< 0.005	2.13	31.3	14,134
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.07	0.16	1.92	0.00	0.00	0.44	0.44	0.00	0.10	0.10	—	448	448	0.02	0.02	0.79	454
Vendor	0.01	0.01	0.95	0.07	0.01	0.02	0.23	0.25	0.02	0.06	0.08	—	849	849	< 0.005	0.13	0.85	890
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	0.01	0.03	0.35	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	74.2	74.2	< 0.005	< 0.005	0.13	75.1
Vendor	< 0.005	< 0.005	0.17	0.01	< 0.005	< 0.005	0.04	0.05	< 0.005	0.01	0.01	—	141	141	< 0.005	0.02	0.14	147
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. Utilities/Sub-grade (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	1.68	1.52	12.0	48.9	0.08	0.38	—	0.38	0.36	—	0.36	—	8,370	8,370	0.34	0.07	—	8,399
Onsite truck	0.02	0.01	0.31	0.20	< 0.005	< 0.005	24.0	24.0	< 0.005	2.40	2.40	—	85.9	85.9	< 0.005	0.01	0.13	90.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.10	0.76	3.08	0.01	0.02	—	0.02	0.02	—	0.02	—	527	527	0.02	< 0.005	—	529
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	1.48	1.48	< 0.005	0.15	0.15	—	5.43	5.43	< 0.005	< 0.005	< 0.005	5.69
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.14	0.56	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	87.3	87.3	< 0.005	< 0.005	—	87.6

Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.27	0.27	< 0.005	0.03	0.03	—	0.90	0.90	< 0.005	< 0.005	< 0.005	0.94
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.77	1.31	2.14	43.5	0.00	0.00	7.07	7.07	0.00	1.66	1.66	—	7,855	7,855	0.26	0.24	29.0	7,961
Vendor	0.22	0.12	14.2	1.11	0.09	0.26	3.71	3.97	0.26	1.02	1.28	—	13,469	13,469	< 0.005	2.13	31.3	14,134
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.07	0.16	1.92	0.00	0.00	0.44	0.44	0.00	0.10	0.10	—	448	448	0.02	0.02	0.79	454
Vendor	0.01	0.01	0.95	0.07	0.01	0.02	0.23	0.25	0.02	0.06	0.08	—	849	849	< 0.005	0.13	0.85	890
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	0.01	0.03	0.35	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	74.2	74.2	< 0.005	< 0.005	0.13	75.1
Vendor	< 0.005	< 0.005	0.17	0.01	< 0.005	< 0.005	0.04	0.05	< 0.005	0.01	0.01	—	141	141	< 0.005	0.02	0.14	147
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

Mobile source emissions results are presented in Sections 2.6. No further detailed breakdown of emissions is available.

4.1.2. Mitigated

Mobile source emissions results are presented in Sections 2.5. No further detailed breakdown of emissions is available.

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	13.7	13.7	< 0.005	< 0.005	—	13.8
Total	—	—	—	—	—	—	—	—	—	—	—	—	13.7	13.7	< 0.005	< 0.005	—	13.8
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	13.7	13.7	< 0.005	< 0.005	—	13.8
Total	—	—	—	—	—	—	—	—	—	—	—	—	13.7	13.7	< 0.005	< 0.005	—	13.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	2.26	2.26	< 0.005	< 0.005	—	2.29
Total	—	—	—	—	—	—	—	—	—	—	—	—	2.26	2.26	< 0.005	< 0.005	—	2.29

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	13.7	13.7	< 0.005	< 0.005	—	13.8
Total	—	—	—	—	—	—	—	—	—	—	—	—	13.7	13.7	< 0.005	< 0.005	—	13.8
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	13.7	13.7	< 0.005	< 0.005	—	13.8
Total	—	—	—	—	—	—	—	—	—	—	—	—	13.7	13.7	< 0.005	< 0.005	—	13.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	2.26	2.26	< 0.005	< 0.005	—	2.29
Total	—	—	—	—	—	—	—	—	—	—	—	—	2.26	2.26	< 0.005	< 0.005	—	2.29

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.59	1.59	< 0.005	< 0.005	—	1.59
Total	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.59	1.59	< 0.005	< 0.005	—	1.59
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.59	1.59	< 0.005	< 0.005	—	1.59

Total	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.59	1.59	< 0.005	< 0.005	—	1.59
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.26	0.26	< 0.005	< 0.005	—	0.26
Total	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.26	0.26	< 0.005	< 0.005	—	0.26

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.59	1.59	< 0.005	< 0.005	—	1.59
Total	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.59	1.59	< 0.005	< 0.005	—	1.59
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.59	1.59	< 0.005	< 0.005	—	1.59
Total	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.59	1.59	< 0.005	< 0.005	—	1.59
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.26	0.26	< 0.005	< 0.005	—	0.26
Total	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.26	0.26	< 0.005	< 0.005	—	0.26

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.93	0.93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.00	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.34	0.31	0.02	1.89	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.79	7.79	< 0.005	< 0.005	—	7.82
Total	1.27	1.24	0.02	1.89	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.79	7.79	< 0.005	< 0.005	—	7.82
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.93	0.93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.00	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.93	0.93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.17	0.17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architect Coatings	0.00	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.03	0.03	< 0.005	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.64	0.64	< 0.005	< 0.005	—	0.64
Total	0.20	0.20	< 0.005	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.64	0.64	< 0.005	< 0.005	—	0.64

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.93	0.93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.00	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.34	0.31	0.02	1.89	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.79	7.79	< 0.005	< 0.005	—	7.82
Total	1.27	1.24	0.02	1.89	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.79	7.79	< 0.005	< 0.005	—	7.82
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.93	0.93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectural Coating	0.00	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.93	0.93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.17	0.17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.00	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.03	0.03	< 0.005	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.64	0.64	< 0.005	< 0.005	—	0.64
Total	0.20	0.20	< 0.005	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.64	0.64	< 0.005	< 0.005	—	0.64

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.29	0.29	< 0.005	< 0.005	—	0.30
Total	—	—	—	—	—	—	—	—	—	—	—	0.00	0.29	0.29	< 0.005	< 0.005	—	0.30
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.29	0.29	< 0.005	< 0.005	—	0.30
Total	—	—	—	—	—	—	—	—	—	—	—	0.00	0.29	0.29	< 0.005	< 0.005	—	0.30
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.05	0.05	< 0.005	< 0.005	—	0.05
Total	—	—	—	—	—	—	—	—	—	—	—	0.00	0.05	0.05	< 0.005	< 0.005	—	0.05

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.29	0.29	< 0.005	< 0.005	—	0.30
Total	—	—	—	—	—	—	—	—	—	—	—	0.00	0.29	0.29	< 0.005	< 0.005	—	0.30
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.29	0.29	< 0.005	< 0.005	—	0.30
Total	—	—	—	—	—	—	—	—	—	—	—	0.00	0.29	0.29	< 0.005	< 0.005	—	0.30
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.05	0.05	< 0.005	< 0.005	—	0.05
Total	—	—	—	—	—	—	—	—	—	—	—	0.00	0.05	0.05	< 0.005	< 0.005	—	0.05

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	3.59	0.00	3.59	0.36	0.00	—	12.6
Total	—	—	—	—	—	—	—	—	—	—	—	3.59	0.00	3.59	0.36	0.00	—	12.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	3.59	0.00	3.59	0.36	0.00	—	12.6
Total	—	—	—	—	—	—	—	—	—	—	—	3.59	0.00	3.59	0.36	0.00	—	12.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.59	0.00	0.59	0.06	0.00	—	2.08
Total	—	—	—	—	—	—	—	—	—	—	—	0.59	0.00	0.59	0.06	0.00	—	2.08

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	3.59	0.00	3.59	0.36	0.00	—	12.6
Total	—	—	—	—	—	—	—	—	—	—	—	3.59	0.00	3.59	0.36	0.00	—	12.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	3.59	0.00	3.59	0.36	0.00	—	12.6
Total	—	—	—	—	—	—	—	—	—	—	—	3.59	0.00	3.59	0.36	0.00	—	12.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.59	0.00	0.59	0.06	0.00	—	2.08
Total	—	—	—	—	—	—	—	—	—	—	—	0.59	0.00	0.59	0.06	0.00	—	2.08

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

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

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Highway Trucks	0.53	0.44	2.55	2.97	0.01	0.09	—	0.09	0.08	—	0.08	—	1,333	1,333	0.05	0.01	—	1,338
Total	0.53	0.44	2.55	2.97	0.01	0.09	—	0.09	0.08	—	0.08	—	1,333	1,333	0.05	0.01	—	1,338
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Highway	0.53	0.44	2.55	2.97	0.01	0.09	—	0.09	0.08	—	0.08	—	1,333	1,333	0.05	0.01	—	1,338
Total	0.53	0.44	2.55	2.97	0.01	0.09	—	0.09	0.08	—	0.08	—	1,333	1,333	0.05	0.01	—	1,338
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Highway Trucks	0.10	0.08	0.47	0.54	< 0.005	0.02	—	0.02	0.02	—	0.02	—	221	221	0.01	< 0.005	—	222
Total	0.10	0.08	0.47	0.54	< 0.005	0.02	—	0.02	0.02	—	0.02	—	221	221	0.01	< 0.005	—	222

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Highway Trucks	0.53	0.44	2.55	2.97	0.01	0.09	—	0.09	0.08	—	0.08	—	1,333	1,333	0.05	0.01	—	1,338
Total	0.53	0.44	2.55	2.97	0.01	0.09	—	0.09	0.08	—	0.08	—	1,333	1,333	0.05	0.01	—	1,338
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Highway Trucks	0.53	0.44	2.55	2.97	0.01	0.09	—	0.09	0.08	—	0.08	—	1,333	1,333	0.05	0.01	—	1,338
Total	0.53	0.44	2.55	2.97	0.01	0.09	—	0.09	0.08	—	0.08	—	1,333	1,333	0.05	0.01	—	1,338
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Highway Trucks	0.10	0.08	0.47	0.54	< 0.005	0.02	—	0.02	0.02	—	0.02	—	221	221	0.01	< 0.005	—	222
Total	0.10	0.08	0.47	0.54	< 0.005	0.02	—	0.02	0.02	—	0.02	—	221	221	0.01	< 0.005	—	222

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 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.06	0.06	0.19	0.21	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	29.9	29.9	< 0.005	< 0.005	0.00	30.0
Total	0.06	0.06	0.19	0.21	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	29.9	29.9	< 0.005	< 0.005	0.00	30.0
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.06	0.06	0.19	0.21	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	29.9	29.9	< 0.005	< 0.005	0.00	30.0
Total	0.06	0.06	0.19	0.21	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	29.9	29.9	< 0.005	< 0.005	0.00	30.0
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.01	0.01	0.04	0.04	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	5.03	5.03	< 0.005	< 0.005	0.00	5.04
Total	0.01	0.01	0.04	0.04	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	5.03	5.03	< 0.005	< 0.005	0.00	5.04

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.06	0.06	0.19	0.21	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	29.9	29.9	< 0.005	< 0.005	0.00	30.0
Total	0.06	0.06	0.19	0.21	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	29.9	29.9	< 0.005	< 0.005	0.00	30.0
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.06	0.06	0.19	0.21	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	29.9	29.9	< 0.005	< 0.005	0.00	30.0
Total	0.06	0.06	0.19	0.21	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	29.9	29.9	< 0.005	< 0.005	0.00	30.0
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.01	0.01	0.04	0.04	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	5.03	5.03	< 0.005	< 0.005	0.00	5.04
Total	0.01	0.01	0.04	0.04	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	5.03	5.03	< 0.005	< 0.005	0.00	5.04

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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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
Preparation	Site Preparation	7/1/2025	7/9/2025	7.00	9.00	—
Excavation	Grading	7/10/2025	8/1/2025	7.00	23.0	—
Construction	Building Construction	8/25/2025	4/14/2026	7.00	233	—
Paving	Paving	4/15/2026	5/1/2026	7.00	17.0	—
Utilities/Sub-grade	Trenching	8/2/2025	8/24/2025	7.00	23.0	—

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
Preparation	Crawler Tractors	Diesel	Average	2.00	8.00	87.0	0.43
Preparation	Dumpers/Tenders	Diesel	Average	5.00	8.00	16.0	0.38
Preparation	Forklifts	Diesel	Average	2.00	8.00	82.0	0.20
Preparation	Generator Sets	Diesel	Average	4.00	8.00	14.0	0.74
Preparation	Graders	Diesel	Average	2.00	8.00	148	0.41
Preparation	Plate Compactors	Diesel	Average	2.00	8.00	8.00	0.43

Preparation	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Preparation	Skid Steer Loaders	Diesel	Average	4.00	8.00	71.0	0.37
Preparation	Tractors/Loaders/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37
Excavation	Crawler Tractors	Diesel	Average	2.00	8.00	87.0	0.43
Excavation	Dumpers/Tenders	Diesel	Average	5.00	8.00	16.0	0.38
Excavation	Generator Sets	Diesel	Average	4.00	8.00	14.0	0.74
Excavation	Graders	Diesel	Average	2.00	8.00	148	0.41
Excavation	Plate Compactors	Diesel	Average	2.00	8.00	8.00	0.43
Excavation	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Excavation	Skid Steer Loaders	Diesel	Average	2.00	8.00	71.0	0.37
Excavation	Tractors/Loaders/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37
Excavation	Forklifts	Diesel	Average	2.00	8.00	82.0	0.20
Construction	Bore/Drill Rigs	Diesel	Average	10.0	8.00	83.0	0.50
Construction	Cement and Mortar Mixers	Diesel	Average	10.0	8.00	10.0	0.56
Construction	Concrete/Industrial Saws	Diesel	Average	3.00	8.00	33.0	0.73
Construction	Cranes	Diesel	Average	1.00	8.00	367	0.29
Construction	Dumpers/Tenders	Diesel	Average	5.00	8.00	16.0	0.38
Construction	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Construction	Forklifts	Diesel	Average	5.00	8.00	82.0	0.20
Construction	Generator Sets	Diesel	Average	4.00	8.00	14.0	0.74
Construction	Pavers	Diesel	Average	1.00	8.00	81.0	0.42
Construction	Paving Equipment	Diesel	Average	1.00	8.00	89.0	0.36
Construction	Plate Compactors	Diesel	Average	1.00	8.00	8.00	0.43
Construction	Rollers	Diesel	Average	1.00	8.00	36.0	0.38
Construction	Skid Steer Loaders	Diesel	Average	2.00	8.00	71.0	0.37

Construction	Tractors/Loaders/Backhoes	Diesel	Average	7.00	8.00	84.0	0.37
Construction	Trenchers	Diesel	Average	10.0	8.00	40.0	0.50
Construction	Other Construction Equipment	Diesel	Average	8.00	8.00	82.0	0.42
Paving	Rollers	Diesel	Average	1.00	8.00	36.0	0.38
Utilities/Sub-grade	Crawler Tractors	Diesel	Average	2.00	8.00	87.0	0.43
Utilities/Sub-grade	Dumpers/Tenders	Diesel	Average	5.00	8.00	16.0	0.38
Utilities/Sub-grade	Forklifts	Diesel	Average	2.00	8.00	82.0	0.20
Utilities/Sub-grade	Generator Sets	Diesel	Average	4.00	8.00	14.0	0.74
Utilities/Sub-grade	Graders	Diesel	Average	2.00	8.00	148	0.41
Utilities/Sub-grade	Plate Compactors	Diesel	Average	2.00	8.00	8.00	0.43
Utilities/Sub-grade	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Utilities/Sub-grade	Skid Steer Loaders	Diesel	Average	2.00	8.00	71.0	0.37
Utilities/Sub-grade	Tractors/Loaders/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Preparation	Crawler Tractors	Diesel	Tier 4 Final	2.00	8.00	87.0	0.43
Preparation	Dumpers/Tenders	Diesel	Average	5.00	8.00	16.0	0.38
Preparation	Forklifts	Diesel	Tier 4 Final	2.00	8.00	82.0	0.20
Preparation	Generator Sets	Diesel	Average	4.00	8.00	14.0	0.74
Preparation	Graders	Diesel	Tier 4 Final	2.00	8.00	148	0.41
Preparation	Plate Compactors	Diesel	Average	2.00	8.00	8.00	0.43
Preparation	Scrapers	Diesel	Tier 4 Final	2.00	8.00	423	0.48
Preparation	Skid Steer Loaders	Diesel	Tier 4 Final	4.00	8.00	71.0	0.37
Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37

Excavation	Crawler Tractors	Diesel	Tier 4 Final	2.00	8.00	87.0	0.43
Excavation	Dumpers/Tenders	Diesel	Average	5.00	8.00	16.0	0.38
Excavation	Generator Sets	Diesel	Average	4.00	8.00	14.0	0.74
Excavation	Graders	Diesel	Tier 4 Final	2.00	8.00	148	0.41
Excavation	Plate Compactors	Diesel	Average	2.00	8.00	8.00	0.43
Excavation	Scrapers	Diesel	Tier 4 Final	2.00	8.00	423	0.48
Excavation	Skid Steer Loaders	Diesel	Tier 4 Final	2.00	8.00	71.0	0.37
Excavation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Excavation	Forklifts	Diesel	Tier 4 Final	2.00	8.00	82.0	0.20
Construction	Bore/Drill Rigs	Diesel	Tier 4 Final	10.0	8.00	83.0	0.50
Construction	Cement and Mortar Mixers	Diesel	Average	10.0	8.00	10.0	0.56
Construction	Concrete/Industrial Saws	Diesel	Tier 4 Final	3.00	8.00	33.0	0.73
Construction	Cranes	Diesel	Tier 4 Final	1.00	8.00	367	0.29
Construction	Dumpers/Tenders	Diesel	Average	5.00	8.00	16.0	0.38
Construction	Excavators	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Construction	Forklifts	Diesel	Tier 4 Final	5.00	8.00	82.0	0.20
Construction	Generator Sets	Diesel	Average	4.00	8.00	14.0	0.74
Construction	Pavers	Diesel	Tier 4 Final	1.00	8.00	81.0	0.42
Construction	Paving Equipment	Diesel	Tier 4 Final	1.00	8.00	89.0	0.36
Construction	Plate Compactors	Diesel	Average	1.00	8.00	8.00	0.43
Construction	Rollers	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
Construction	Skid Steer Loaders	Diesel	Tier 4 Final	2.00	8.00	71.0	0.37
Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	7.00	8.00	84.0	0.37
Construction	Trenchers	Diesel	Tier 4 Final	10.0	8.00	40.0	0.50
Construction	Other Construction Equipment	Diesel	Tier 4 Final	8.00	8.00	82.0	0.42

Paving	Rollers	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
Utilities/Sub-grade	Crawler Tractors	Diesel	Tier 4 Final	2.00	8.00	87.0	0.43
Utilities/Sub-grade	Dumpers/Tenders	Diesel	Average	5.00	8.00	16.0	0.38
Utilities/Sub-grade	Forklifts	Diesel	Tier 4 Final	2.00	8.00	82.0	0.20
Utilities/Sub-grade	Generator Sets	Diesel	Average	4.00	8.00	14.0	0.74
Utilities/Sub-grade	Graders	Diesel	Tier 4 Final	2.00	8.00	148	0.41
Utilities/Sub-grade	Plate Compactors	Diesel	Average	2.00	8.00	8.00	0.43
Utilities/Sub-grade	Scrapers	Diesel	Tier 4 Final	2.00	8.00	423	0.48
Utilities/Sub-grade	Skid Steer Loaders	Diesel	Tier 4 Final	2.00	8.00	71.0	0.37
Utilities/Sub-grade	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Preparation	—	—	—	—
Preparation	Worker	100	50.0	LDA,LDT1,LDT2
Preparation	Vendor	40.0	100	HHDT
Preparation	Hauling	0.00	20.0	HHDT
Preparation	Onsite truck	16.0	1.02	HHDT
Excavation	—	—	—	—
Excavation	Worker	100	50.0	LDA,LDT1,LDT2
Excavation	Vendor	40.0	100	HHDT
Excavation	Hauling	0.00	20.0	HHDT
Excavation	Onsite truck	16.0	1.02	HHDT
Construction	—	—	—	—
Construction	Worker	400	50.0	LDA,LDT1,LDT2
Construction	Vendor	60.0	100	HHDT

Construction	Hauling	0.00	20.0	HHDT
Construction	Onsite truck	4.00	1.02	HHDT
Paving	—	—	—	—
Paving	Worker	40.0	50.0	LDA,LDT1,LDT2
Paving	Vendor	10.0	100	HHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Utilities/Sub-grade	—	—	—	—
Utilities/Sub-grade	Worker	200	50.0	LDA,LDT1,LDT2
Utilities/Sub-grade	Vendor	40.0	100	HHDT
Utilities/Sub-grade	Hauling	0.00	20.0	HHDT
Utilities/Sub-grade	Onsite truck	16.0	1.02	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Preparation	—	—	—	—
Preparation	Worker	100	50.0	LDA,LDT1,LDT2
Preparation	Vendor	40.0	100	HHDT
Preparation	Hauling	0.00	20.0	HHDT
Preparation	Onsite truck	16.0	1.02	HHDT
Excavation	—	—	—	—
Excavation	Worker	100	50.0	LDA,LDT1,LDT2
Excavation	Vendor	40.0	100	HHDT
Excavation	Hauling	0.00	20.0	HHDT
Excavation	Onsite truck	16.0	1.02	HHDT
Construction	—	—	—	—
Construction	Worker	400	50.0	LDA,LDT1,LDT2
Construction	Vendor	60.0	100	HHDT

Construction	Hauling	0.00	20.0	HHDT
Construction	Onsite truck	4.00	1.02	HHDT
Paving	—	—	—	—
Paving	Worker	40.0	50.0	LDA,LDT1,LDT2
Paving	Vendor	10.0	100	HHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Utilities/Sub-grade	—	—	—	—
Utilities/Sub-grade	Worker	200	50.0	LDA,LDT1,LDT2
Utilities/Sub-grade	Vendor	40.0	100	HHDT
Utilities/Sub-grade	Hauling	0.00	20.0	HHDT
Utilities/Sub-grade	Onsite truck	16.0	1.02	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

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)

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)
Preparation	—	—	36.0	0.00	—
Excavation	—	—	92.0	0.00	—
Paving	0.00	0.00	0.00	0.00	0.00

5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
User Defined Industrial	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	204	0.03	< 0.005
2026	0.00	204	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
Total all Land Uses	60.0	0.00	0.00	15,643	40.0	0.00	0.00	10,429

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Total all Land Uses	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

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)
0	0.00	0.00	0.00	—

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)
User Defined Industrial	24,467	204	0.0330	0.0040	4,961

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)

User Defined Industrial	24,467	204	0.0330	0.0040	4,961

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
User Defined Industrial	0.00	325,851

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
User Defined Industrial	0.00	325,851

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
User Defined Industrial	6.66	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
User Defined Industrial	6.66	—

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

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced

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
Off-Highway Trucks	Diesel	Average	1.00	8.00	376	0.38

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Off-Highway Trucks	Diesel	Average	1.00	8.00	376	0.38

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
Emergency Generator	Diesel	1.00	0.54	200	66.0	0.73

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)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	25.6	annual days of extreme heat
Extreme Precipitation	2.90	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	20.2	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	1	0	0	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	1	0	0	N/A
Flooding	0	0	0	N/A
Drought	0	0	0	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3
Extreme Precipitation	1	1	1	2
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	1	1	1	2
Flooding	1	1	1	2
Drought	1	1	1	2
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	32.2
AQ-PM	6.14

AQ-DPM	7.07
Drinking Water	8.62
Lead Risk Housing	51.1
Pesticides	87.0
Toxic Releases	4.29
Traffic	3.30
Effect Indicators	—
CleanUp Sites	37.6
Groundwater	71.7
Haz Waste Facilities/Generators	43.3
Impaired Water Bodies	91.9
Solid Waste	83.3
Sensitive Population	—
Asthma	37.5
Cardio-vascular	78.0
Low Birth Weights	71.3
Socioeconomic Factor Indicators	—
Education	83.9
Housing	21.6
Linguistic	63.3
Poverty	69.7
Unemployment	13.2

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	40.63903503

Employed	39.30450404
Median HI	41.72975747
Education	—
Bachelor's or higher	15.24445015
High school enrollment	100
Preschool enrollment	24.93263185
Transportation	—
Auto Access	43.87270627
Active commuting	46.59309637
Social	—
2-parent households	76.45322726
Voting	73.2580521
Neighborhood	—
Alcohol availability	49.71127935
Park access	39.93327345
Retail density	1.475683306
Supermarket access	44.86077249
Tree canopy	42.6793276
Housing	—
Homeownership	58.27024253
Housing habitability	67.48363916
Low-inc homeowner severe housing cost burden	64.71192095
Low-inc renter severe housing cost burden	92.86539202
Uncrowded housing	32.32388041
Health Outcomes	—
Insured adults	18.96573848
Arthritis	0.0
Asthma ER Admissions	72.9

High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	33.5
Cognitively Disabled	50.3
Physically Disabled	45.1
Heart Attack ER Admissions	31.4
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	65.3
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.2
SLR Inundation Area	0.0
Children	56.6
Elderly	61.3
English Speaking	31.0
Foreign-born	67.8
Outdoor Workers	2.7

Climate Change Adaptive Capacity	—
Impervious Surface Cover	81.1
Traffic Density	2.3
Traffic Access	0.0
Other Indices	—
Hardship	73.6
Other Decision Support	—
2016 Voting	57.2

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	54.0
Healthy Places Index Score for Project Location (b)	44.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification

Land Use	Provided by Applicant
Construction: Construction Phases	Provided by Applicant
Construction: Off-Road Equipment	Provided by Applicant.
Construction: Trips and VMT	Provided by Applicant.
Operations: Architectural Coatings	Not applicable.
Operations: Water and Waste Water	Provided by Applicant
Operations: Solid Waste	1 cu. yd./wk, and assuming density for municipal solid waste (commercial - all waste, uncompacted) of 138 lbs per cu. yd.
Operations: Energy Use	Data for 'Refrigerated Warehouse-Rail' used to estimate energy use by BESS, O&M, Substation, and area lighting.
Operations: Off-Road Equipment	One off-road truck per day for potential O&M activities

APPENDIX D
UPDATED AERMOD RESULTS AND INPUT

Results Summary

Janus Solar and Battery Strorage Project- DPM
Met data: Oroville 2015-2019

DPM - Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
ANNUAL		0.01100	ug/m^3	562944.67	4328278.59	94.26	0.00	780.04	

Sensitive Receptor Summary

Janus Solar and Battery Strorage Project- DPM
Met data: Oroville 2015-2019

DPM - Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	Receptor ID	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
ANNUAL		0.00226	ug/m^3	MEIR	562162.00	4326589.00	102.86	0.00	793.04	
ANNUAL		0.00247	ug/m^3	MEIR	563523.00	4326392.00	94.59	0.00	793.04	
ANNUAL		0.00142	ug/m^3	MEIR	561352.00	4328174.00	96.10	0.00	793.04	
ANNUAL		0.00059	ug/m^3	MEIR	564143.00	4330100.00	63.38	0.00	63.38	
ANNUAL		0.00018	ug/m^3	MEIW	564144.00	4333548.00	46.41	0.00	46.41	
ANNUAL		0.00008	ug/m^3	MEIW	570497.00	4332064.00	32.79	0.00	32.79	
ANNUAL		0.00017	ug/m^3	MEIW	571703.00	4326731.00	50.36	0.00	50.36	
ANNUAL		0.00006	ug/m^3	SR	572581.00	4333193.00	30.89	0.00	30.89	
ANNUAL		0.00005	ug/m^3	SR	572606.00	4334093.00	28.18	0.00	28.18	
ANNUAL		0.00005	ug/m^3	SR	572804.00	4334125.00	27.15	0.00	27.15	

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 11/14/2024
** File: C:\Users\s.sridharan\Documents\CEQA\Janus Solar\Janus Solar_DPM\Janus Solar_DPM.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE Janus Solar and Battery Strorage Project- DPM
   TITLETWO Met data: Oroville 2015-2019
   MODELOPT DFAULT CONC
   AVERTIME ANNUAL
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "Janus Solar_DPM.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION PAREA1       AREAPOLY   562147.908  4328274.802       93.750
** Source Parameters **
   SRCPARAM PAREA1       1.8862E-09     2.550        10     2.372
   AREAVERT PAREA1       562147.908 4328274.802 564537.369 4328278.390
   AREAVERT PAREA1       564530.475 4327115.277 564316.757 4327122.477
   AREAVERT PAREA1       564216.056 4327043.973 564039.794 4327042.743
   AREAVERT PAREA1       563860.682 4326831.900 562907.292 4326682.873
   AREAVERT PAREA1       562916.414 4326602.720 562135.239 4326621.559

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 2"
** WeekDays:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA1       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA1       HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA1       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA1       HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA1       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA1       HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
```

```
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "Janus Solar_DPM.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE "..\Met data\2015-2019 Aermet Data Oroville.SFC"
   PROFFILE "..\Met data\2015-2019 Aermet Data Oroville.PFL"
   SURFDATA 93210 2015
   UAIRDATA 23230 2015 OAKLAND/WSO_AP
   PROFBASE 33.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE ANNUAL ALL "JANUS SOLAR_DPM.AD\AN00GALL.PLT" 31
   SUMMFILE "Janus Solar_DPM.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            1 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186      85       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold
 used           0.50

 *********************************
 *** SETUP Finishes Successfully ***
 *********************************

FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
DPM                          ***        11/14/24
 *** AERMET - VERSION  19191 ***   *** Met data: Oroville
 2015-2019                                          ***       11:46:05

                               PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL

                                             ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
```

```
127
128   ** Model Options Selected:
129        * Model Uses Regulatory DEFAULT Options
130        * Model Is Setup For Calculation of Average CONCentration Values.
131        * NO GAS DEPOSITION Data Provided.
132        * NO PARTICLE DEPOSITION Data Provided.
133        * Model Uses NO DRY DEPLETION. DDPLETE  =  F
134        * Model Uses NO WET DEPLETION. WETDPLT  =  F
135        * Stack-tip Downwash.
136        * Model Accounts for ELEVated Terrain Effects.
137        * Use Calms Processing Routine.
138        * Use Missing Data Processing Routine.
139        * No Exponential Decay.
140        * Model Uses RURAL Dispersion Only.
141        * CCVR_Sub - Meteorological data includes CCVR substitutions
142        * TEMP_Sub - Meteorological data includes TEMP substitutions
143        * Model Assumes No FLAGPOLE Receptor Heights.
144        * The User Specified a Pollutant Type of: DPM
145
146   **Model Calculates ANNUAL Averages Only
147
148   **This Run Includes:      1 Source(s);       1 Source Group(s); and    5643 Receptor(s)
149
150                  with:      0 POINT(s), including
151                             0 POINTCAP(s) and      0 POINTHOR(s)
152                   and:      0 VOLUME source(s)
153                   and:      1 AREA type source(s)
154                   and:      0 LINE source(s)
155                   and:      0 RLINE/RLINEXT source(s)
156                   and:      0 OPENPIT source(s)
157                   and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
158                   and:      0 SWPOINT source(s)
159
160
161   **Model Set To Continue RUNning After the Setup Testing.
162
163   **The AERMET Input Meteorological Data Version Date:  19191
164
165   **Output Options Selected:
166            Model Outputs Tables of ANNUAL Averages by Receptor
167            Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
168            Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)
169
170   **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
171                                                                   m for Missing Hours
172                                                                   b for Both Calm and
                                                                      Missing Hours
173
174   **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    33.00 ;  Decay Coef.
      =    0.000     ;  Rot. Angle =     0.0
175                     Emission Units = GRAMS/SEC                                ;  Emission
                        Rate Unit Factor =   0.10000E+07
176                     Output Units   = MICROGRAMS/M**3
177
178   **Approximate Storage Requirements of Model =      4.1 MB of RAM.
179
180   **Input Runstream File:
      aermod.inp

181   **Output Print File:
      aermod.out

182
183   **Detailed Error/Message File:   Janus
      Solar_DPM.err
```

```
184   **File for Summary of Results:   Janus
      Solar_DPM.sum

185   FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                        ***        11/14/24
186    *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                          ***        11:46:05
187
                                  PAGE   2
188    *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
189
190
191                                                  *** AREAPOLY SOURCE DATA ***
192
193                 NUMBER EMISSION RATE   LOCATION OF AREA  BASE     RELEASE  NUMBER
                    INIT.   URBAN  EMISSION RATE    AIRCRAFT
194       SOURCE     PART.  (GRAMS/SEC       X        Y      ELEV.    HEIGHT  OF VERTS.
          SZ     SOURCE  SCALAR VARY
195         ID         CATS.   /METER**2)   (METERS) (METERS) (METERS) (METERS)
            (METERS)              BY
196    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - -
197
198    PAREA1           0   0.18862E-08  562147.9 4328274.8    93.8     2.55      10
       2.37     NO    HRDOW            NO
199   FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                        ***        11/14/24
200    *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                          ***        11:46:05
201
                                  PAGE   3
202    *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
203
204
205                                              *** SOURCE IDs DEFINING SOURCE GROUPS ***
206
207    SRCGROUP ID                                          SOURCE IDs
208    -----------                                          ----------
209
210
211     ALL        PAREA1      ,
212   FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                        ***        11/14/24
213    *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                          ***        11:46:05
214
                                  PAGE   4
215    *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
216
217                      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
                         WEEK (HRDOW) *
218
219    SOURCE ID = PAREA1       ; SOURCE TYPE = AREAPOLY :
220     HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
       SCALAR   HOUR   SCALAR   HOUR   SCALAR
221    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - -
222                                                  DAY OF WEEK = WEEKDAY
223       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
          .0000E+00    7  .0000E+00    8  .1000E+01
224       9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
          .1000E+01   15  .1000E+01   16  .1000E+01
225      17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .0000E+00   21  .0000E+00   22
         .0000E+00   23  .0000E+00   24  .0000E+00
226                                                  DAY OF WEEK = SATURDAY
227       1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

```
      .0000E+00    7  .0000E+00    8  .0000E+00
228    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
      .1000E+01   15  .1000E+01   16  .1000E+01
229   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
230                                          DAY OF WEEK = SUNDAY
231    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
      .0000E+00    7  .0000E+00    8  .0000E+00
232    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
      .1000E+01   15  .1000E+01   16  .1000E+01
233   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .0000E+00   22
      .0000E+00   23  .0000E+00   24  .0000E+00
234 FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
    DPM                          ***        11/14/24
235  *** AERMET - VERSION  19191 ***   *** Met data: Oroville
     2015-2019                                          ***        11:46:05
236
                                  PAGE   5
237  *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
238
239                                            *** DISCRETE CARTESIAN RECEPTORS ***
240                                          (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
241                                                       (METERS)
242
243       ( 562162.0, 4326589.0,     102.9,     793.0,       0.0);         ( 563523.0,
          4326392.0,      94.6,     793.0,       0.0);
244       ( 561352.0, 4328174.0,      96.1,     793.0,       0.0);         ( 564143.0,
          4330100.0,      63.4,      63.4,       0.0);
245       ( 564144.0, 4333548.0,      46.4,      46.4,       0.0);         ( 570497.0,
          4332064.0,      32.8,      32.8,       0.0);
246       ( 571703.0, 4326731.0,      50.4,      50.4,       0.0);         ( 572581.0,
          4333193.0,      30.9,      30.9,       0.0);
247       ( 572606.0, 4334093.0,      28.2,      28.2,       0.0);         ( 572804.0,
          4334125.0,      27.2,      27.2,       0.0);
248       ( 562111.6, 4326586.0,     102.8,     793.0,       0.0);         ( 562211.6,
          4326586.0,     102.5,     793.0,       0.0);
249       ( 562311.6, 4326586.0,     101.9,     793.0,       0.0);         ( 562411.6,
          4326586.0,     101.8,     793.0,       0.0);
250       ( 562511.6, 4326586.0,     101.2,     793.0,       0.0);         ( 562611.6,
          4326586.0,     100.1,     793.0,       0.0);
251       ( 562711.6, 4326586.0,      99.6,     793.0,       0.0);         ( 562811.6,
          4326586.0,     101.6,     793.0,       0.0);
252       ( 562911.6, 4326586.0,     100.1,     793.0,       0.0);         ( 563011.6,
          4326586.0,     110.8,     793.0,       0.0);
253       ( 563111.6, 4326586.0,     106.9,     793.0,       0.0);         ( 563211.6,
          4326586.0,     109.2,     793.0,       0.0);
254       ( 563311.6, 4326586.0,     102.7,     793.0,       0.0);         ( 563411.6,
          4326586.0,      99.7,     793.0,       0.0);
255       ( 563511.6, 4326586.0,     106.3,     793.0,       0.0);         ( 563611.6,
          4326586.0,     104.4,     793.0,       0.0);
256       ( 563711.6, 4326586.0,      96.0,     793.0,       0.0);         ( 563811.6,
          4326586.0,      94.1,     793.0,       0.0);
257       ( 563911.6, 4326586.0,     105.1,     793.0,       0.0);         ( 564011.6,
          4326586.0,      95.0,     793.0,       0.0);
258       ( 564111.6, 4326586.0,      82.7,     793.0,       0.0);         ( 564211.6,
          4326586.0,      81.0,     793.0,       0.0);
259       ( 564311.6, 4326586.0,      82.0,     793.0,       0.0);         ( 564411.6,
          4326586.0,      83.9,     137.2,       0.0);
260       ( 564511.6, 4326586.0,      83.0,     137.2,       0.0);         ( 562111.6,
          4326686.0,     102.3,     793.0,       0.0);
261       ( 563011.6, 4326686.0,      99.2,     793.0,       0.0);         ( 563111.6,
          4326686.0,      95.8,     793.0,       0.0);
262       ( 563211.6, 4326686.0,      97.6,     793.0,       0.0);         ( 563311.6,
          4326686.0,     102.9,     793.0,       0.0);
263       ( 563411.6, 4326686.0,      92.6,     793.0,       0.0);         ( 563511.6,
          4326686.0,     102.6,     793.0,       0.0);
```

```
264       ( 563611.6, 4326686.0,      98.1,     793.0,       0.0);         ( 563711.6,
          4326686.0,     105.8,     793.0,       0.0);
265       ( 563811.6, 4326686.0,     106.8,     793.0,       0.0);         ( 563911.6,
          4326686.0,     104.3,     793.0,       0.0);
266       ( 564011.6, 4326686.0,      93.1,     793.0,       0.0);         ( 564111.6,
          4326686.0,      82.6,     793.0,       0.0);
267       ( 564211.6, 4326686.0,      80.5,     793.0,       0.0);         ( 564311.6,
          4326686.0,      80.0,     780.0,       0.0);
268       ( 564411.6, 4326686.0,      79.0,     136.7,       0.0);         ( 564511.6,
          4326686.0,      78.6,     137.2,       0.0);
269       ( 562111.6, 4326786.0,     101.4,     793.0,       0.0);         ( 563611.6,
          4326786.0,      87.7,     793.0,       0.0);
270       ( 563711.6, 4326786.0,      86.0,     793.0,       0.0);         ( 563811.6,
          4326786.0,      85.1,     793.0,       0.0);
271       ( 563911.6, 4326786.0,      84.4,     793.0,       0.0);         ( 564011.6,
          4326786.0,      83.2,     793.0,       0.0);
272       ( 564111.6, 4326786.0,      81.9,     793.0,       0.0);         ( 564211.6,
          4326786.0,      80.8,     793.0,       0.0);
273       ( 564311.6, 4326786.0,      79.9,     780.0,       0.0);         ( 564411.6,
          4326786.0,      78.9,      78.9,       0.0);
274       ( 564511.6, 4326786.0,      78.1,      78.1,       0.0);         ( 562111.6,
          4326886.0,     100.7,     793.0,       0.0);
275       ( 563911.6, 4326886.0,      83.8,     793.0,       0.0);         ( 564011.6,
          4326886.0,      82.9,     793.0,       0.0);
276       ( 564111.6, 4326886.0,      82.2,     793.0,       0.0);         ( 564211.6,
          4326886.0,      81.4,     780.0,       0.0);
277       ( 564311.6, 4326886.0,      80.2,      80.2,       0.0);         ( 564411.6,
          4326886.0,      79.1,      79.1,       0.0);
278       ( 564511.6, 4326886.0,      78.3,      78.3,       0.0);         ( 562111.6,
          4326986.0,     100.1,     793.0,       0.0);
279       ( 564011.6, 4326986.0,      82.7,     793.0,       0.0);         ( 564111.6,
          4326986.0,      81.8,     780.0,       0.0);
280       ( 564211.6, 4326986.0,      80.9,      97.9,       0.0);         ( 564311.6,
          4326986.0,      80.0,      80.0,       0.0);
281       ( 564411.6, 4326986.0,      79.0,     102.7,       0.0);         ( 564511.6,
          4326986.0,      78.2,     102.7,       0.0);
282       ( 562111.6, 4327086.0,      99.5,     793.0,       0.0);         ( 564311.6,
          4327086.0,      79.5,     104.7,       0.0);
283       ( 564411.6, 4327086.0,      78.1,     104.7,       0.0);         ( 564511.6,
          4327086.0,      79.3,     104.7,       0.0);
284       ( 562111.6, 4327186.0,      98.8,     793.0,       0.0);         ( 562111.6,
          4327286.0,      97.9,     793.0,       0.0);
285       ( 562111.6, 4327386.0,      97.4,     793.0,       0.0);         ( 562111.6,
          4327486.0,      96.8,     793.0,       0.0);
286       ( 562111.6, 4327586.0,      96.4,     793.0,       0.0);         ( 562111.6,
          4327686.0,      94.3,     793.0,       0.0);
287       ( 562111.6, 4327786.0,      93.6,     793.0,       0.0);         ( 562111.6,
          4327886.0,      93.0,     793.0,       0.0);
288   FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                        ***       11/14/24
289    *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                        ***       11:46:05
290
                                  PAGE   6
291    *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
292
293                                          *** DISCRETE CARTESIAN RECEPTORS ***
294                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
295                                                    (METERS)
296
297       ( 562111.6, 4327986.0,      92.5,     793.0,       0.0);         ( 562111.6,
          4328086.0,      94.0,     793.0,       0.0);
298       ( 562111.6, 4328186.0,      92.9,     793.0,       0.0);         ( 562111.6,
          4328286.0,      93.9,     793.0,       0.0);
299       ( 562211.6, 4328286.0,      93.8,     793.0,       0.0);         ( 562311.6,
          4328286.0,      94.7,     793.0,       0.0);
```

```
300         ( 562411.6, 4328286.0,      94.2,     793.0,       0.0);         ( 562511.6,
            4328286.0,      92.2,     793.0,       0.0);
301         ( 562611.6, 4328286.0,      93.7,     793.0,       0.0);         ( 562711.6,
            4328286.0,      94.3,     793.0,       0.0);
302         ( 562811.6, 4328286.0,      94.9,     780.0,       0.0);         ( 562911.6,
            4328286.0,      94.4,     780.0,       0.0);
303         ( 563011.6, 4328286.0,      94.7,     674.8,       0.0);         ( 563111.6,
            4328286.0,      94.6,     662.3,       0.0);
304         ( 563211.6, 4328286.0,      94.5,     662.3,       0.0);         ( 563311.6,
            4328286.0,      95.4,      95.4,       0.0);
305         ( 563411.6, 4328286.0,      95.1,      95.1,       0.0);         ( 563511.6,
            4328286.0,      97.7,      97.7,       0.0);
306         ( 563611.6, 4328286.0,      95.6,      95.6,       0.0);         ( 563711.6,
            4328286.0,      98.0,      98.0,       0.0);
307         ( 563811.6, 4328286.0,      95.1,     102.3,       0.0);         ( 563911.6,
            4328286.0,      95.5,      95.9,       0.0);
308         ( 564011.6, 4328286.0,      88.8,     101.5,       0.0);         ( 564111.6,
            4328286.0,      86.3,     103.2,       0.0);
309         ( 564211.6, 4328286.0,      87.9,      87.9,       0.0);         ( 564311.6,
            4328286.0,      91.9,      91.9,       0.0);
310         ( 564411.6, 4328286.0,      89.0,      93.3,       0.0);         ( 564511.6,
            4328286.0,      85.6,     110.6,       0.0);
311         ( 560111.6, 4324586.0,     357.5,     793.0,       0.0);         ( 560211.6,
            4324586.0,     334.7,     793.0,       0.0);
312         ( 560311.6, 4324586.0,     306.8,     793.0,       0.0);         ( 560411.6,
            4324586.0,     287.2,     793.0,       0.0);
313         ( 560511.6, 4324586.0,     265.7,     849.1,       0.0);         ( 560611.6,
            4324586.0,     248.4,     849.1,       0.0);
314         ( 560711.6, 4324586.0,     200.9,     849.1,       0.0);         ( 560811.6,
            4324586.0,     166.1,     849.1,       0.0);
315         ( 560911.6, 4324586.0,     158.9,     849.1,       0.0);         ( 561011.6,
            4324586.0,     152.9,     849.1,       0.0);
316         ( 561111.6, 4324586.0,     149.6,     849.1,       0.0);         ( 561211.6,
            4324586.0,     147.3,     849.1,       0.0);
317         ( 561311.6, 4324586.0,     143.9,     849.1,       0.0);         ( 561411.6,
            4324586.0,     139.0,     849.1,       0.0);
318         ( 561511.6, 4324586.0,     157.0,     849.1,       0.0);         ( 561611.6,
            4324586.0,     151.2,     849.1,       0.0);
319         ( 561711.6, 4324586.0,     154.8,     849.1,       0.0);         ( 561811.6,
            4324586.0,     138.2,     849.1,       0.0);
320         ( 561911.6, 4324586.0,     136.2,     849.1,       0.0);         ( 562011.6,
            4324586.0,     137.4,     849.1,       0.0);
321         ( 562111.6, 4324586.0,     136.0,     849.1,       0.0);         ( 562211.6,
            4324586.0,     144.9,     849.1,       0.0);
322         ( 562311.6, 4324586.0,     154.9,     849.1,       0.0);         ( 562411.6,
            4324586.0,     157.1,     849.1,       0.0);
323         ( 562511.6, 4324586.0,     144.1,     849.1,       0.0);         ( 562611.6,
            4324586.0,     157.1,     849.1,       0.0);
324         ( 562711.6, 4324586.0,     159.0,     849.1,       0.0);         ( 562811.6,
            4324586.0,     147.2,     849.1,       0.0);
325         ( 562911.6, 4324586.0,     140.6,     849.1,       0.0);         ( 563011.6,
            4324586.0,     141.8,     849.1,       0.0);
326         ( 563111.6, 4324586.0,     140.0,     849.1,       0.0);         ( 563211.6,
            4324586.0,     144.9,     793.0,       0.0);
327         ( 563311.6, 4324586.0,     137.6,     793.0,       0.0);         ( 563411.6,
            4324586.0,     153.7,     793.0,       0.0);
328         ( 563511.6, 4324586.0,     148.7,     793.0,       0.0);         ( 563611.6,
            4324586.0,     131.7,     793.0,       0.0);
329         ( 563711.6, 4324586.0,     147.3,     793.0,       0.0);         ( 563811.6,
            4324586.0,     150.2,     793.0,       0.0);
330         ( 563911.6, 4324586.0,     161.1,     793.0,       0.0);         ( 564011.6,
            4324586.0,     140.9,     793.0,       0.0);
331         ( 564111.6, 4324586.0,     129.3,     793.0,       0.0);         ( 564211.6,
            4324586.0,     127.7,     793.0,       0.0);
332         ( 564311.6, 4324586.0,     146.7,     793.0,       0.0);         ( 564411.6,
            4324586.0,     115.3,     793.0,       0.0);
```

(564511.6, 4324586.0, 109.5, 793.0, 0.0); (564611.6, 4324586.0, 109.4, 793.0, 0.0);
(564711.6, 4324586.0, 115.9, 793.0, 0.0); (564811.6, 4324586.0, 152.9, 154.5, 0.0);
(564911.6, 4324586.0, 124.0, 177.7, 0.0); (565011.6, 4324586.0, 131.0, 177.7, 0.0);
(565111.6, 4324586.0, 163.8, 163.8, 0.0); (565211.6, 4324586.0, 129.3, 178.6, 0.0);
(565311.6, 4324586.0, 153.4, 177.7, 0.0); (565411.6, 4324586.0, 158.6, 177.7, 0.0);
(565511.6, 4324586.0, 160.2, 177.5, 0.0); (565611.6, 4324586.0, 161.5, 174.5, 0.0);
(565711.6, 4324586.0, 161.0, 176.7, 0.0); (565811.6, 4324586.0, 163.9, 174.5, 0.0);
(565911.6, 4324586.0, 154.7, 181.6, 0.0); (566011.6, 4324586.0, 165.2, 179.6, 0.0);
(566111.6, 4324586.0, 172.5, 176.7, 0.0); (566211.6, 4324586.0, 170.4, 175.6, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(566311.6, 4324586.0, 170.9, 173.6, 0.0); (566411.6, 4324586.0, 163.5, 174.8, 0.0);
(566511.6, 4324586.0, 172.9, 172.9, 0.0); (560111.6, 4324686.0, 350.1, 793.0, 0.0);
(560211.6, 4324686.0, 322.8, 793.0, 0.0); (560311.6, 4324686.0, 303.8, 793.0, 0.0);
(560411.6, 4324686.0, 284.0, 793.0, 0.0); (560511.6, 4324686.0, 257.5, 849.1, 0.0);
(560611.6, 4324686.0, 217.8, 849.1, 0.0); (560711.6, 4324686.0, 191.1, 849.1, 0.0);
(560811.6, 4324686.0, 164.2, 849.1, 0.0); (560911.6, 4324686.0, 156.6, 849.1, 0.0);
(561011.6, 4324686.0, 150.9, 849.1, 0.0); (561111.6, 4324686.0, 146.8, 849.1, 0.0);
(561211.6, 4324686.0, 147.7, 849.1, 0.0); (561311.6, 4324686.0, 145.1, 849.1, 0.0);
(561411.6, 4324686.0, 140.3, 849.1, 0.0); (561511.6, 4324686.0, 144.1, 849.1, 0.0);
(561611.6, 4324686.0, 138.8, 849.1, 0.0); (561711.6, 4324686.0, 156.2, 849.1, 0.0);
(561811.6, 4324686.0, 135.2, 849.1, 0.0); (561911.6, 4324686.0, 132.5, 849.1, 0.0);
(562011.6, 4324686.0, 135.7, 849.1, 0.0); (562111.6, 4324686.0, 134.9, 849.1, 0.0);
(562211.6, 4324686.0, 140.4, 849.1, 0.0); (562311.6, 4324686.0, 150.3, 849.1, 0.0);
(562411.6, 4324686.0, 152.6, 849.1, 0.0); (562511.6, 4324686.0, 152.0, 849.1, 0.0);
(562611.6, 4324686.0, 141.0, 849.1, 0.0); (562711.6, 4324686.0, 148.4, 849.1, 0.0);
(562811.6, 4324686.0, 158.0, 793.0, 0.0); (562911.6, 4324686.0, 144.4, 849.1, 0.0);
(563011.6, 4324686.0, 142.1, 849.1, 0.0); (563111.6, 4324686.0, 132.8, 849.1, 0.0);
(563211.6, 4324686.0, 130.8, 849.1, 0.0); (563311.6, 4324686.0, 128.3, 793.0, 0.0);

```
369        ( 563411.6, 4324686.0,     131.1,     793.0,       0.0);         ( 563511.6,
           4324686.0,     133.7,     793.0,       0.0);
370        ( 563611.6, 4324686.0,     130.1,     793.0,       0.0);         ( 563711.6,
           4324686.0,     153.0,     793.0,       0.0);
371        ( 563811.6, 4324686.0,     134.1,     793.0,       0.0);         ( 563911.6,
           4324686.0,     144.5,     793.0,       0.0);
372        ( 564011.6, 4324686.0,     149.8,     793.0,       0.0);         ( 564111.6,
           4324686.0,     157.8,     793.0,       0.0);
373        ( 564211.6, 4324686.0,     150.9,     793.0,       0.0);         ( 564311.6,
           4324686.0,     122.8,     793.0,       0.0);
374        ( 564411.6, 4324686.0,     141.4,     793.0,       0.0);         ( 564511.6,
           4324686.0,     105.5,     793.0,       0.0);
375        ( 564611.6, 4324686.0,     108.5,     793.0,       0.0);         ( 564711.6,
           4324686.0,     109.7,     793.0,       0.0);
376        ( 564811.6, 4324686.0,     118.4,     176.2,       0.0);         ( 564911.6,
           4324686.0,     113.8,     177.7,       0.0);
377        ( 565011.6, 4324686.0,     153.9,     168.1,       0.0);         ( 565111.6,
           4324686.0,     162.5,     168.1,       0.0);
378        ( 565211.6, 4324686.0,     125.4,     178.5,       0.0);         ( 565311.6,
           4324686.0,     163.0,     171.5,       0.0);
379        ( 565411.6, 4324686.0,     145.3,     177.7,       0.0);         ( 565511.6,
           4324686.0,     162.3,     173.0,       0.0);
380        ( 565611.6, 4324686.0,     169.6,     169.6,       0.0);         ( 565711.6,
           4324686.0,     171.3,     174.3,       0.0);
381        ( 565811.6, 4324686.0,     171.4,     173.0,       0.0);         ( 565911.6,
           4324686.0,     161.6,     174.5,       0.0);
382        ( 566011.6, 4324686.0,     149.9,     181.3,       0.0);         ( 566111.6,
           4324686.0,     165.8,     176.8,       0.0);
383        ( 566211.6, 4324686.0,     168.8,     175.9,       0.0);         ( 566311.6,
           4324686.0,     167.4,     174.8,       0.0);
384        ( 566411.6, 4324686.0,     174.5,     174.5,       0.0);         ( 566511.6,
           4324686.0,     165.2,     174.5,       0.0);
385        ( 560111.6, 4324786.0,     334.6,     793.0,       0.0);         ( 560211.6,
           4324786.0,     315.4,     793.0,       0.0);
386        ( 560311.6, 4324786.0,     300.2,     793.0,       0.0);         ( 560411.6,
           4324786.0,     276.1,     793.0,       0.0);
387        ( 560511.6, 4324786.0,     262.5,     793.0,       0.0);         ( 560611.6,
           4324786.0,     217.8,     849.1,       0.0);
388        ( 560711.6, 4324786.0,     183.0,     849.1,       0.0);         ( 560811.6,
           4324786.0,     160.3,     849.1,       0.0);
389        ( 560911.6, 4324786.0,     155.7,     849.1,       0.0);         ( 561011.6,
           4324786.0,     148.7,     849.1,       0.0);
390        ( 561111.6, 4324786.0,     143.6,     849.1,       0.0);         ( 561211.6,
           4324786.0,     142.1,     849.1,       0.0);
391        ( 561311.6, 4324786.0,     156.4,     849.1,       0.0);         ( 561411.6,
           4324786.0,     145.1,     849.1,       0.0);
392        ( 561511.6, 4324786.0,     135.9,     849.1,       0.0);         ( 561611.6,
           4324786.0,     133.2,     849.1,       0.0);
393        ( 561711.6, 4324786.0,     155.5,     849.1,       0.0);         ( 561811.6,
           4324786.0,     133.8,     849.1,       0.0);
394        ( 561911.6, 4324786.0,     131.7,     849.1,       0.0);         ( 562011.6,
           4324786.0,     133.0,     849.1,       0.0);
395        ( 562111.6, 4324786.0,     141.5,     849.1,       0.0);         ( 562211.6,
           4324786.0,     143.7,     849.1,       0.0);
396   FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                          ***         11/14/24
397    *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                          ***        11:46:05
398
                                    PAGE   8
399    *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
400
401                                             *** DISCRETE CARTESIAN RECEPTORS ***
402                                            (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
403                                                         (METERS)
404
```

```
405         ( 562311.6, 4324786.0,     145.6,     849.1,       0.0);         ( 562411.6,
            4324786.0,     143.7,     849.1,       0.0);
406         ( 562511.6, 4324786.0,     151.5,     849.1,       0.0);         ( 562611.6,
            4324786.0,     149.2,     849.1,       0.0);
407         ( 562711.6, 4324786.0,     136.8,     849.1,       0.0);         ( 562811.6,
            4324786.0,     146.6,     849.1,       0.0);
408         ( 562911.6, 4324786.0,     150.8,     793.0,       0.0);         ( 563011.6,
            4324786.0,     148.4,     793.0,       0.0);
409         ( 563111.6, 4324786.0,     148.5,     793.0,       0.0);         ( 563211.6,
            4324786.0,     150.3,     793.0,       0.0);
410         ( 563311.6, 4324786.0,     137.3,     793.0,       0.0);         ( 563411.6,
            4324786.0,     135.2,     793.0,       0.0);
411         ( 563511.6, 4324786.0,     128.5,     793.0,       0.0);         ( 563611.6,
            4324786.0,     120.4,     793.0,       0.0);
412         ( 563711.6, 4324786.0,     141.1,     793.0,       0.0);         ( 563811.6,
            4324786.0,     144.5,     793.0,       0.0);
413         ( 563911.6, 4324786.0,     126.5,     793.0,       0.0);         ( 564011.6,
            4324786.0,     137.5,     793.0,       0.0);
414         ( 564111.6, 4324786.0,     138.8,     793.0,       0.0);         ( 564211.6,
            4324786.0,     150.1,     793.0,       0.0);
415         ( 564311.6, 4324786.0,     116.0,     793.0,       0.0);         ( 564411.6,
            4324786.0,     142.7,     793.0,       0.0);
416         ( 564511.6, 4324786.0,     140.1,     157.5,       0.0);         ( 564611.6,
            4324786.0,     107.4,     793.0,       0.0);
417         ( 564711.6, 4324786.0,     106.5,     793.0,       0.0);         ( 564811.6,
            4324786.0,     106.4,     177.7,       0.0);
418         ( 564911.6, 4324786.0,     118.2,     177.7,       0.0);         ( 565011.6,
            4324786.0,     139.6,     168.1,       0.0);
419         ( 565111.6, 4324786.0,     130.4,     177.7,       0.0);         ( 565211.6,
            4324786.0,     143.1,     171.5,       0.0);
420         ( 565311.6, 4324786.0,     151.7,     171.5,       0.0);         ( 565411.6,
            4324786.0,     149.7,     173.1,       0.0);
421         ( 565511.6, 4324786.0,     159.8,     173.1,       0.0);         ( 565611.6,
            4324786.0,     164.5,     173.1,       0.0);
422         ( 565711.6, 4324786.0,     160.8,     174.5,       0.0);         ( 565811.6,
            4324786.0,     154.1,     174.5,       0.0);
423         ( 565911.6, 4324786.0,     155.2,     174.5,       0.0);         ( 566011.6,
            4324786.0,     155.5,     176.8,       0.0);
424         ( 566111.6, 4324786.0,     146.7,     179.5,       0.0);         ( 566211.6,
            4324786.0,     143.8,     180.8,       0.0);
425         ( 566311.6, 4324786.0,     144.4,     179.1,       0.0);         ( 566411.6,
            4324786.0,     148.8,     174.8,       0.0);
426         ( 566511.6, 4324786.0,     152.9,     174.8,       0.0);         ( 560111.6,
            4324886.0,     358.2,     793.0,       0.0);
427         ( 560211.6, 4324886.0,     323.2,     793.0,       0.0);         ( 560311.6,
            4324886.0,     300.2,     793.0,       0.0);
428         ( 560411.6, 4324886.0,     274.0,     793.0,       0.0);         ( 560511.6,
            4324886.0,     251.2,     793.0,       0.0);
429         ( 560611.6, 4324886.0,     211.7,     849.1,       0.0);         ( 560711.6,
            4324886.0,     176.4,     849.1,       0.0);
430         ( 560811.6, 4324886.0,     158.4,     849.1,       0.0);         ( 560911.6,
            4324886.0,     152.1,     849.1,       0.0);
431         ( 561011.6, 4324886.0,     147.5,     849.1,       0.0);         ( 561111.6,
            4324886.0,     141.3,     849.1,       0.0);
432         ( 561211.6, 4324886.0,     139.4,     849.1,       0.0);         ( 561311.6,
            4324886.0,     157.5,     849.1,       0.0);
433         ( 561411.6, 4324886.0,     159.4,     849.1,       0.0);         ( 561511.6,
            4324886.0,     141.8,     849.1,       0.0);
434         ( 561611.6, 4324886.0,     129.0,     849.1,       0.0);         ( 561711.6,
            4324886.0,     137.1,     849.1,       0.0);
435         ( 561811.6, 4324886.0,     131.5,     849.1,       0.0);         ( 561911.6,
            4324886.0,     129.4,     849.1,       0.0);
436         ( 562011.6, 4324886.0,     134.6,     849.1,       0.0);         ( 562111.6,
            4324886.0,     144.8,     849.1,       0.0);
437         ( 562211.6, 4324886.0,     138.7,     849.1,       0.0);         ( 562311.6,
            4324886.0,     144.4,     849.1,       0.0);
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(562411.6, 4324886.0, 142.8, 849.1, 0.0); (562511.6, 4324886.0, 144.2, 849.1, 0.0);
(562611.6, 4324886.0, 154.6, 793.0, 0.0); (562711.6, 4324886.0, 140.8, 849.1, 0.0);
(562811.6, 4324886.0, 136.6, 849.1, 0.0); (562911.6, 4324886.0, 146.5, 793.0, 0.0);
(563011.6, 4324886.0, 147.0, 793.0, 0.0); (563111.6, 4324886.0, 149.2, 793.0, 0.0);
(563211.6, 4324886.0, 144.6, 793.0, 0.0); (563311.6, 4324886.0, 139.2, 793.0, 0.0);
(563411.6, 4324886.0, 131.3, 793.0, 0.0); (563511.6, 4324886.0, 149.3, 793.0, 0.0);
(563611.6, 4324886.0, 135.8, 793.0, 0.0); (563711.6, 4324886.0, 116.9, 793.0, 0.0);
(563811.6, 4324886.0, 143.3, 793.0, 0.0); (563911.6, 4324886.0, 134.1, 793.0, 0.0);
(564011.6, 4324886.0, 118.3, 793.0, 0.0); (564111.6, 4324886.0, 123.8, 793.0, 0.0);
(564211.6, 4324886.0, 151.0, 793.0, 0.0); (564311.6, 4324886.0, 122.7, 793.0, 0.0);
(564411.6, 4324886.0, 111.5, 793.0, 0.0); (564511.6, 4324886.0, 126.7, 793.0, 0.0);
(564611.6, 4324886.0, 115.9, 793.0, 0.0); (564711.6, 4324886.0, 105.7, 793.0, 0.0);
(564811.6, 4324886.0, 106.2, 177.7, 0.0); (564911.6, 4324886.0, 109.6, 177.7, 0.0);
(565011.6, 4324886.0, 131.5, 168.1, 0.0); (565111.6, 4324886.0, 116.5, 177.7, 0.0);
(565211.6, 4324886.0, 132.6, 177.7, 0.0); (565311.6, 4324886.0, 139.3, 173.0, 0.0);
(565411.6, 4324886.0, 156.9, 158.5, 0.0); (565511.6, 4324886.0, 154.7, 173.0, 0.0);
(565611.6, 4324886.0, 164.1, 168.3, 0.0); (565711.6, 4324886.0, 163.9, 167.4, 0.0);
(565811.6, 4324886.0, 166.8, 166.8, 0.0); (565911.6, 4324886.0, 162.1, 167.0, 0.0);
(566011.6, 4324886.0, 165.2, 169.0, 0.0); (566111.6, 4324886.0, 160.1, 169.0, 0.0);
(566211.6, 4324886.0, 148.8, 176.8, 0.0); (566311.6, 4324886.0, 145.8, 176.7, 0.0);
(566411.6, 4324886.0, 152.0, 175.0, 0.0); (566511.6, 4324886.0, 139.3, 175.9, 0.0);
(560111.6, 4324986.0, 339.9, 793.0, 0.0); (560211.6, 4324986.0, 313.4, 793.0, 0.0);
(560311.6, 4324986.0, 291.6, 793.0, 0.0); (560411.6, 4324986.0, 265.0, 793.0, 0.0);
(560511.6, 4324986.0, 244.9, 793.0, 0.0); (560611.6, 4324986.0, 213.4, 849.1, 0.0);
(560711.6, 4324986.0, 169.6, 849.1, 0.0); (560811.6, 4324986.0, 157.5, 849.1, 0.0);
(560911.6, 4324986.0, 158.1, 849.1, 0.0); (561011.6, 4324986.0, 144.5, 849.1, 0.0);
(561111.6, 4324986.0, 139.6, 849.1, 0.0); (561211.6, 4324986.0, 137.0, 849.1, 0.0);

```
474       ( 561311.6, 4324986.0,     156.5,     849.1,       0.0);         ( 561411.6,
          4324986.0,     153.8,     849.1,       0.0);
475       ( 561511.6, 4324986.0,     153.7,     849.1,       0.0);         ( 561611.6,
          4324986.0,     129.4,     849.1,       0.0);
476       ( 561711.6, 4324986.0,     127.4,     849.1,       0.0);         ( 561811.6,
          4324986.0,     127.4,     849.1,       0.0);
477       ( 561911.6, 4324986.0,     127.5,     849.1,       0.0);         ( 562011.6,
          4324986.0,     130.2,     849.1,       0.0);
478       ( 562111.6, 4324986.0,     133.0,     849.1,       0.0);         ( 562211.6,
          4324986.0,     142.3,     849.1,       0.0);
479       ( 562311.6, 4324986.0,     143.4,     849.1,       0.0);         ( 562411.6,
          4324986.0,     136.0,     849.1,       0.0);
480       ( 562511.6, 4324986.0,     145.4,     849.1,       0.0);         ( 562611.6,
          4324986.0,     141.6,     849.1,       0.0);
481       ( 562711.6, 4324986.0,     144.5,     793.0,       0.0);         ( 562811.6,
          4324986.0,     134.7,     793.0,       0.0);
482       ( 562911.6, 4324986.0,     129.9,     793.0,       0.0);         ( 563011.6,
          4324986.0,     130.6,     793.0,       0.0);
483       ( 563111.6, 4324986.0,     131.9,     793.0,       0.0);         ( 563211.6,
          4324986.0,     132.9,     793.0,       0.0);
484       ( 563311.6, 4324986.0,     124.6,     793.0,       0.0);         ( 563411.6,
          4324986.0,     120.5,     793.0,       0.0);
485       ( 563511.6, 4324986.0,     118.9,     793.0,       0.0);         ( 563611.6,
          4324986.0,     119.1,     793.0,       0.0);
486       ( 563711.6, 4324986.0,     119.7,     793.0,       0.0);         ( 563811.6,
          4324986.0,     113.5,     793.0,       0.0);
487       ( 563911.6, 4324986.0,     116.7,     793.0,       0.0);         ( 564011.6,
          4324986.0,     117.8,     793.0,       0.0);
488       ( 564111.6, 4324986.0,     115.3,     793.0,       0.0);         ( 564211.6,
          4324986.0,     117.5,     793.0,       0.0);
489       ( 564311.6, 4324986.0,     110.3,     793.0,       0.0);         ( 564411.6,
          4324986.0,     107.2,     793.0,       0.0);
490       ( 564511.6, 4324986.0,     106.0,     793.0,       0.0);         ( 564611.6,
          4324986.0,     105.2,     793.0,       0.0);
491       ( 564711.6, 4324986.0,     104.2,     793.0,       0.0);         ( 564811.6,
          4324986.0,     104.6,     171.6,       0.0);
492       ( 564911.6, 4324986.0,     106.7,     177.7,       0.0);         ( 565011.6,
          4324986.0,     108.6,     177.7,       0.0);
493       ( 565111.6, 4324986.0,     117.6,     177.7,       0.0);         ( 565211.6,
          4324986.0,     119.3,     177.7,       0.0);
494       ( 565311.6, 4324986.0,     148.3,     154.2,       0.0);         ( 565411.6,
          4324986.0,     140.3,     173.1,       0.0);
495       ( 565511.6, 4324986.0,     151.5,     168.2,       0.0);         ( 565611.6,
          4324986.0,     153.0,     168.3,       0.0);
496       ( 565711.6, 4324986.0,     152.0,     168.3,       0.0);         ( 565811.6,
          4324986.0,     151.1,     168.3,       0.0);
497       ( 565911.6, 4324986.0,     159.9,     164.9,       0.0);         ( 566011.6,
          4324986.0,     157.9,     169.0,       0.0);
498       ( 566111.6, 4324986.0,     155.3,     169.0,       0.0);         ( 566211.6,
          4324986.0,     163.0,     164.6,       0.0);
499       ( 566311.6, 4324986.0,     166.0,     172.2,       0.0);         ( 566411.6,
          4324986.0,     156.0,     175.9,       0.0);
500       ( 566511.6, 4324986.0,     169.5,     169.5,       0.0);         ( 560111.6,
          4325086.0,     313.8,     793.0,       0.0);
501       ( 560211.6, 4325086.0,     284.3,     793.0,       0.0);         ( 560311.6,
          4325086.0,     273.9,     793.0,       0.0);
502       ( 560411.6, 4325086.0,     255.1,     793.0,       0.0);         ( 560511.6,
          4325086.0,     220.4,     849.1,       0.0);
503       ( 560611.6, 4325086.0,     192.5,     849.1,       0.0);         ( 560711.6,
          4325086.0,     167.0,     849.1,       0.0);
504   FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                          ***         11/14/24
505    *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                          ***        11:46:05
506
```

```
*** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                   (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     ( 560811.6, 4325086.0,     156.5,     849.1,       0.0);         ( 560911.6,
     4325086.0,     148.7,     849.1,       0.0);
     ( 561011.6, 4325086.0,     141.1,     849.1,       0.0);         ( 561111.6,
     4325086.0,     136.7,     849.1,       0.0);
     ( 561211.6, 4325086.0,     137.6,     849.1,       0.0);         ( 561311.6,
     4325086.0,     157.8,     849.1,       0.0);
     ( 561411.6, 4325086.0,     144.6,     849.1,       0.0);         ( 561511.6,
     4325086.0,     145.6,     849.1,       0.0);
     ( 561611.6, 4325086.0,     139.1,     849.1,       0.0);         ( 561711.6,
     4325086.0,     124.5,     849.1,       0.0);
     ( 561811.6, 4325086.0,     124.5,     849.1,       0.0);         ( 561911.6,
     4325086.0,     125.4,     849.1,       0.0);
     ( 562011.6, 4325086.0,     133.0,     849.1,       0.0);         ( 562111.6,
     4325086.0,     140.9,     849.1,       0.0);
     ( 562211.6, 4325086.0,     139.1,     849.1,       0.0);         ( 562311.6,
     4325086.0,     136.2,     849.1,       0.0);
     ( 562411.6, 4325086.0,     132.4,     849.1,       0.0);         ( 562511.6,
     4325086.0,     134.9,     849.1,       0.0);
     ( 562611.6, 4325086.0,     142.9,     793.0,       0.0);         ( 562711.6,
     4325086.0,     130.8,     848.7,       0.0);
     ( 562811.6, 4325086.0,     140.7,     793.0,       0.0);         ( 562911.6,
     4325086.0,     144.0,     793.0,       0.0);
     ( 563011.6, 4325086.0,     134.2,     793.0,       0.0);         ( 563111.6,
     4325086.0,     125.7,     793.0,       0.0);
     ( 563211.6, 4325086.0,     125.9,     793.0,       0.0);         ( 563311.6,
     4325086.0,     130.0,     793.0,       0.0);
     ( 563411.6, 4325086.0,     136.3,     793.0,       0.0);         ( 563511.6,
     4325086.0,     135.1,     793.0,       0.0);
     ( 563611.6, 4325086.0,     133.1,     793.0,       0.0);         ( 563711.6,
     4325086.0,     130.3,     793.0,       0.0);
     ( 563811.6, 4325086.0,     119.8,     793.0,       0.0);         ( 563911.6,
     4325086.0,     115.9,     793.0,       0.0);
     ( 564011.6, 4325086.0,     125.6,     793.0,       0.0);         ( 564111.6,
     4325086.0,     110.6,     793.0,       0.0);
     ( 564211.6, 4325086.0,     110.0,     793.0,       0.0);         ( 564311.6,
     4325086.0,     108.3,     793.0,       0.0);
     ( 564411.6, 4325086.0,     110.1,     793.0,       0.0);         ( 564511.6,
     4325086.0,     116.2,     793.0,       0.0);
     ( 564611.6, 4325086.0,     118.5,     157.8,       0.0);         ( 564711.6,
     4325086.0,     108.5,     168.1,       0.0);
     ( 564811.6, 4325086.0,     103.9,     168.1,       0.0);         ( 564911.6,
     4325086.0,     100.1,     177.7,       0.0);
     ( 565011.6, 4325086.0,     104.7,     177.7,       0.0);         ( 565111.6,
     4325086.0,     114.4,     171.5,       0.0);
     ( 565211.6, 4325086.0,     132.3,     154.2,       0.0);         ( 565311.6,
     4325086.0,     116.9,     174.5,       0.0);
     ( 565411.6, 4325086.0,     145.7,     157.5,       0.0);         ( 565511.6,
     4325086.0,     151.7,     157.0,       0.0);
     ( 565611.6, 4325086.0,     130.8,     174.5,       0.0);         ( 565711.6,
     4325086.0,     148.2,     154.8,       0.0);
     ( 565811.6, 4325086.0,     132.3,     174.1,       0.0);         ( 565911.6,
     4325086.0,     154.9,     164.6,       0.0);
     ( 566011.6, 4325086.0,     163.5,     163.5,       0.0);         ( 566111.6,
     4325086.0,     162.4,     166.4,       0.0);
     ( 566211.6, 4325086.0,     164.7,     175.9,       0.0);         ( 566311.6,
     4325086.0,     174.4,     174.4,       0.0);
     ( 566411.6, 4325086.0,     172.3,     172.3,       0.0);         ( 566511.6,
     4325086.0,     157.6,     175.4,       0.0);
     ( 560111.6, 4325186.0,     297.8,     793.0,       0.0);         ( 560211.6,
     4325186.0,     275.0,     793.0,       0.0);
```

```
543       ( 560311.6, 4325186.0,     265.6,     793.0,       0.0);         ( 560411.6,
          4325186.0,     244.1,     793.0,       0.0);
544       ( 560511.6, 4325186.0,     232.4,     793.0,       0.0);         ( 560611.6,
          4325186.0,     205.5,     849.1,       0.0);
545       ( 560711.6, 4325186.0,     166.5,     849.1,       0.0);         ( 560811.6,
          4325186.0,     162.7,     849.1,       0.0);
546       ( 560911.6, 4325186.0,     160.5,     849.1,       0.0);         ( 561011.6,
          4325186.0,     146.7,     849.1,       0.0);
547       ( 561111.6, 4325186.0,     134.7,     849.1,       0.0);         ( 561211.6,
          4325186.0,     146.7,     849.1,       0.0);
548       ( 561311.6, 4325186.0,     154.8,     849.1,       0.0);         ( 561411.6,
          4325186.0,     145.7,     849.1,       0.0);
549       ( 561511.6, 4325186.0,     132.3,     849.1,       0.0);         ( 561611.6,
          4325186.0,     129.5,     849.1,       0.0);
550       ( 561711.6, 4325186.0,     124.6,     849.1,       0.0);         ( 561811.6,
          4325186.0,     123.4,     849.1,       0.0);
551       ( 561911.6, 4325186.0,     123.0,     849.1,       0.0);         ( 562011.6,
          4325186.0,     125.1,     849.1,       0.0);
552       ( 562111.6, 4325186.0,     125.5,     849.1,       0.0);         ( 562211.6,
          4325186.0,     128.0,     849.1,       0.0);
553       ( 562311.6, 4325186.0,     130.4,     849.1,       0.0);         ( 562411.6,
          4325186.0,     137.0,     849.1,       0.0);
554       ( 562511.6, 4325186.0,     138.6,     793.0,       0.0);         ( 562611.6,
          4325186.0,     137.5,     793.0,       0.0);
555       ( 562711.6, 4325186.0,     123.0,     793.0,       0.0);         ( 562811.6,
          4325186.0,     130.2,     793.0,       0.0);
556       ( 562911.6, 4325186.0,     132.4,     793.0,       0.0);         ( 563011.6,
          4325186.0,     128.8,     793.0,       0.0);
557       ( 563111.6, 4325186.0,     130.9,     793.0,       0.0);         ( 563211.6,
          4325186.0,     140.1,     793.0,       0.0);
558   FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                          ***         11/14/24
559    *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                          ***       11:46:05
560
                                  PAGE  11
561    *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
562
563                                              *** DISCRETE CARTESIAN RECEPTORS ***
564                                            (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
565                                                        (METERS)
566
567       ( 563311.6, 4325186.0,     140.3,     793.0,       0.0);         ( 563411.6,
          4325186.0,     146.3,     793.0,       0.0);
568       ( 563511.6, 4325186.0,     132.9,     793.0,       0.0);         ( 563611.6,
          4325186.0,     136.3,     793.0,       0.0);
569       ( 563711.6, 4325186.0,     131.2,     793.0,       0.0);         ( 563811.6,
          4325186.0,     120.3,     793.0,       0.0);
570       ( 563911.6, 4325186.0,     134.8,     793.0,       0.0);         ( 564011.6,
          4325186.0,     131.6,     793.0,       0.0);
571       ( 564111.6, 4325186.0,     121.6,     793.0,       0.0);         ( 564211.6,
          4325186.0,     128.1,     793.0,       0.0);
572       ( 564311.6, 4325186.0,     115.7,     793.0,       0.0);         ( 564411.6,
          4325186.0,     116.2,     793.0,       0.0);
573       ( 564511.6, 4325186.0,     134.1,     148.5,       0.0);         ( 564611.6,
          4325186.0,     139.8,     146.7,       0.0);
574       ( 564711.6, 4325186.0,     114.9,     157.8,       0.0);         ( 564811.6,
          4325186.0,     113.3,     157.8,       0.0);
575       ( 564911.6, 4325186.0,     104.6,     168.1,       0.0);         ( 565011.6,
          4325186.0,     101.4,     171.5,       0.0);
576       ( 565111.6, 4325186.0,     101.9,     177.1,       0.0);         ( 565211.6,
          4325186.0,     110.8,     173.1,       0.0);
577       ( 565311.6, 4325186.0,     109.0,     174.5,       0.0);         ( 565411.6,
          4325186.0,     128.9,     168.3,       0.0);
578       ( 565511.6, 4325186.0,     143.2,     153.8,       0.0);         ( 565611.6,
          4325186.0,     146.1,     153.6,       0.0);
```

```
579         ( 565711.6, 4325186.0,     113.9,     175.9,       0.0);         ( 565811.6,
            4325186.0,     122.3,     175.9,       0.0);
580         ( 565911.6, 4325186.0,     148.9,     164.7,       0.0);         ( 566011.6,
            4325186.0,     143.2,     175.9,       0.0);
581         ( 566111.6, 4325186.0,     145.8,     175.9,       0.0);         ( 566211.6,
            4325186.0,     165.7,     172.5,       0.0);
582         ( 566311.6, 4325186.0,     163.5,     175.9,       0.0);         ( 566411.6,
            4325186.0,     162.8,     175.9,       0.0);
583         ( 566511.6, 4325186.0,     164.6,     172.7,       0.0);         ( 560111.6,
            4325286.0,     267.3,     793.0,       0.0);
584         ( 560211.6, 4325286.0,     281.1,     793.0,       0.0);         ( 560311.6,
            4325286.0,     249.9,     793.0,       0.0);
585         ( 560411.6, 4325286.0,     236.1,     793.0,       0.0);         ( 560511.6,
            4325286.0,     206.2,     793.0,       0.0);
586         ( 560611.6, 4325286.0,     172.9,     849.1,       0.0);         ( 560711.6,
            4325286.0,     153.3,     849.1,       0.0);
587         ( 560811.6, 4325286.0,     152.6,     849.1,       0.0);         ( 560911.6,
            4325286.0,     156.8,     849.1,       0.0);
588         ( 561011.6, 4325286.0,     141.8,     849.1,       0.0);         ( 561111.6,
            4325286.0,     132.1,     849.1,       0.0);
589         ( 561211.6, 4325286.0,     148.4,     849.1,       0.0);         ( 561311.6,
            4325286.0,     148.3,     849.1,       0.0);
590         ( 561411.6, 4325286.0,     142.7,     849.1,       0.0);         ( 561511.6,
            4325286.0,     132.8,     849.1,       0.0);
591         ( 561611.6, 4325286.0,     124.3,     849.1,       0.0);         ( 561711.6,
            4325286.0,     121.1,     849.1,       0.0);
592         ( 561811.6, 4325286.0,     122.1,     849.1,       0.0);         ( 561911.6,
            4325286.0,     120.9,     849.1,       0.0);
593         ( 562011.6, 4325286.0,     121.6,     849.1,       0.0);         ( 562111.6,
            4325286.0,     136.4,     849.1,       0.0);
594         ( 562211.6, 4325286.0,     135.5,     849.1,       0.0);         ( 562311.6,
            4325286.0,     133.9,     849.1,       0.0);
595         ( 562411.6, 4325286.0,     127.5,     849.1,       0.0);         ( 562511.6,
            4325286.0,     122.9,     849.1,       0.0);
596         ( 562611.6, 4325286.0,     120.6,     793.0,       0.0);         ( 562711.6,
            4325286.0,     119.5,     793.0,       0.0);
597         ( 562811.6, 4325286.0,     123.7,     793.0,       0.0);         ( 562911.6,
            4325286.0,     130.3,     793.0,       0.0);
598         ( 563011.6, 4325286.0,     136.4,     793.0,       0.0);         ( 563111.6,
            4325286.0,     139.0,     793.0,       0.0);
599         ( 563211.6, 4325286.0,     139.4,     793.0,       0.0);         ( 563311.6,
            4325286.0,     145.0,     793.0,       0.0);
600         ( 563411.6, 4325286.0,     142.9,     793.0,       0.0);         ( 563511.6,
            4325286.0,     131.7,     793.0,       0.0);
601         ( 563611.6, 4325286.0,     145.5,     793.0,       0.0);         ( 563711.6,
            4325286.0,     135.0,     793.0,       0.0);
602         ( 563811.6, 4325286.0,     125.1,     793.0,       0.0);         ( 563911.6,
            4325286.0,     145.2,     793.0,       0.0);
603         ( 564011.6, 4325286.0,     131.5,     793.0,       0.0);         ( 564111.6,
            4325286.0,     138.7,     793.0,       0.0);
604         ( 564211.6, 4325286.0,     130.6,     793.0,       0.0);         ( 564311.6,
            4325286.0,     118.2,     793.0,       0.0);
605         ( 564411.6, 4325286.0,     129.8,     780.0,       0.0);         ( 564511.6,
            4325286.0,     143.2,     148.5,       0.0);
606         ( 564611.6, 4325286.0,     137.9,     157.8,       0.0);         ( 564711.6,
            4325286.0,     135.9,     157.8,       0.0);
607         ( 564811.6, 4325286.0,     130.9,     157.8,       0.0);         ( 564911.6,
            4325286.0,     111.0,     157.8,       0.0);
608         ( 565011.6, 4325286.0,      99.6,     168.1,       0.0);         ( 565111.6,
            4325286.0,      97.0,     173.1,       0.0);
609         ( 565211.6, 4325286.0,      97.2,     174.5,       0.0);         ( 565311.6,
            4325286.0,     112.9,     168.3,       0.0);
610         ( 565411.6, 4325286.0,     117.6,     168.3,       0.0);         ( 565511.6,
            4325286.0,     122.1,     168.3,       0.0);
611         ( 565611.6, 4325286.0,     132.3,     153.8,       0.0);         ( 565711.6,
            4325286.0,     117.3,     172.5,       0.0);
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(565811.6, 4325286.0, 114.6, 175.9, 0.0); (565911.6, 4325286.0, 120.1, 175.9, 0.0);
(566011.6, 4325286.0, 150.8, 162.1, 0.0); (566111.6, 4325286.0, 161.6, 161.6, 0.0);
(566211.6, 4325286.0, 160.6, 172.5, 0.0); (566311.6, 4325286.0, 149.9, 175.9, 0.0);
(566411.6, 4325286.0, 160.7, 160.7, 0.0); (566511.6, 4325286.0, 147.6, 175.9, 0.0);
(560111.6, 4325386.0, 260.6, 793.0, 0.0); (560211.6, 4325386.0, 266.8, 793.0, 0.0);
(560311.6, 4325386.0, 238.9, 793.0, 0.0); (560411.6, 4325386.0, 234.4, 793.0, 0.0);
(560511.6, 4325386.0, 206.1, 793.0, 0.0); (560611.6, 4325386.0, 154.2, 849.1, 0.0);
(560711.6, 4325386.0, 144.1, 849.1, 0.0); (560811.6, 4325386.0, 138.0, 849.1, 0.0);
(560911.6, 4325386.0, 134.5, 849.1, 0.0); (561011.6, 4325386.0, 132.2, 849.1, 0.0);
(561111.6, 4325386.0, 128.4, 849.1, 0.0); (561211.6, 4325386.0, 130.9, 849.1, 0.0);
(561311.6, 4325386.0, 146.6, 849.1, 0.0); (561411.6, 4325386.0, 138.7, 849.1, 0.0);
(561511.6, 4325386.0, 134.7, 849.1, 0.0); (561611.6, 4325386.0, 134.6, 849.1, 0.0);
(561711.6, 4325386.0, 120.1, 849.1, 0.0); (561811.6, 4325386.0, 120.3, 849.1, 0.0);
(561911.6, 4325386.0, 119.5, 849.1, 0.0); (562011.6, 4325386.0, 123.2, 849.1, 0.0);
(562111.6, 4325386.0, 134.8, 849.1, 0.0); (562211.6, 4325386.0, 136.7, 793.0, 0.0);
(562311.6, 4325386.0, 137.1, 793.0, 0.0); (562411.6, 4325386.0, 128.8, 793.0, 0.0);
(562511.6, 4325386.0, 135.5, 793.0, 0.0); (562611.6, 4325386.0, 129.9, 793.0, 0.0);
(562711.6, 4325386.0, 116.9, 793.0, 0.0); (562811.6, 4325386.0, 141.8, 793.0, 0.0);
(562911.6, 4325386.0, 130.2, 793.0, 0.0); (563011.6, 4325386.0, 143.9, 793.0, 0.0);
(563111.6, 4325386.0, 138.3, 793.0, 0.0); (563211.6, 4325386.0, 139.0, 793.0, 0.0);
(563311.6, 4325386.0, 145.1, 793.0, 0.0); (563411.6, 4325386.0, 142.5, 793.0, 0.0);
(563511.6, 4325386.0, 143.4, 793.0, 0.0); (563611.6, 4325386.0, 148.4, 793.0, 0.0);
(563711.6, 4325386.0, 141.9, 793.0, 0.0); (563811.6, 4325386.0, 131.8, 793.0, 0.0);
(563911.6, 4325386.0, 139.6, 793.0, 0.0); (564011.6, 4325386.0, 126.0, 793.0, 0.0);
(564111.6, 4325386.0, 145.4, 793.0, 0.0); (564211.6, 4325386.0, 139.8, 793.0, 0.0);
(564311.6, 4325386.0, 124.3, 793.0, 0.0); (564411.6, 4325386.0, 149.5, 151.4, 0.0);
(564511.6, 4325386.0, 138.1, 156.4, 0.0); (564611.6, 4325386.0, 139.7, 157.8, 0.0);

```
( 564711.6, 4325386.0,     153.3,     157.8,       0.0);         ( 564811.6,
4325386.0,     135.1,     157.8,       0.0);
( 564911.6, 4325386.0,     134.6,     157.8,       0.0);         ( 565011.6,
4325386.0,     110.5,     157.8,       0.0);
( 565111.6, 4325386.0,      98.5,     159.0,       0.0);         ( 565211.6,
4325386.0,      97.4,     169.8,       0.0);
( 565311.6, 4325386.0,      97.0,     173.1,       0.0);         ( 565411.6,
4325386.0,     101.4,     173.1,       0.0);
( 565511.6, 4325386.0,     115.3,     168.3,       0.0);         ( 565611.6,
4325386.0,     117.7,     168.3,       0.0);
( 565711.6, 4325386.0,      96.5,     175.9,       0.0);         ( 565811.6,
4325386.0,     139.0,     155.7,       0.0);
( 565911.6, 4325386.0,     144.8,     155.7,       0.0);         ( 566011.6,
4325386.0,     150.5,     156.4,       0.0);
( 566111.6, 4325386.0,     145.0,     172.5,       0.0);         ( 566211.6,
4325386.0,     142.1,     175.9,       0.0);
( 566311.6, 4325386.0,     135.7,     175.9,       0.0);         ( 566411.6,
4325386.0,     164.7,     164.7,       0.0);
( 566511.6, 4325386.0,     158.0,     161.0,       0.0);         ( 560111.6,
4325486.0,     240.3,     793.0,       0.0);
( 560211.6, 4325486.0,     227.6,     793.0,       0.0);         ( 560311.6,
4325486.0,     210.2,     793.0,       0.0);
( 560411.6, 4325486.0,     186.1,     849.1,       0.0);         ( 560511.6,
4325486.0,     172.1,     849.1,       0.0);
( 560611.6, 4325486.0,     148.3,     849.1,       0.0);         ( 560711.6,
4325486.0,     141.8,     849.1,       0.0);
( 560811.6, 4325486.0,     140.9,     849.1,       0.0);         ( 560911.6,
4325486.0,     136.3,     849.1,       0.0);
( 561011.6, 4325486.0,     131.1,     849.1,       0.0);         ( 561111.6,
4325486.0,     128.5,     849.1,       0.0);
( 561211.6, 4325486.0,     125.8,     849.1,       0.0);         ( 561311.6,
4325486.0,     126.0,     849.1,       0.0);
( 561411.6, 4325486.0,     140.2,     849.1,       0.0);         ( 561511.6,
4325486.0,     136.3,     849.1,       0.0);
( 561611.6, 4325486.0,     138.8,     849.1,       0.0);         ( 561711.6,
4325486.0,     122.5,     849.1,       0.0);
FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
DPM                          ***         11/14/24
 *** AERMET - VERSION  19191 ***   *** Met data: Oroville
 2015-2019                                              ***        11:46:05

                                PAGE  13
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL

                                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                                 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                               (METERS)

( 561811.6, 4325486.0,     118.8,     849.1,       0.0);         ( 561911.6,
4325486.0,     117.6,     849.1,       0.0);
( 562011.6, 4325486.0,     116.9,     849.1,       0.0);         ( 562111.6,
4325486.0,     133.3,     793.0,       0.0);
( 562211.6, 4325486.0,     127.7,     793.0,       0.0);         ( 562311.6,
4325486.0,     125.6,     793.0,       0.0);
( 562411.6, 4325486.0,     125.9,     793.0,       0.0);         ( 562511.6,
4325486.0,     132.4,     793.0,       0.0);
( 562611.6, 4325486.0,     118.1,     793.0,       0.0);         ( 562711.6,
4325486.0,     116.2,     793.0,       0.0);
( 562811.6, 4325486.0,     132.0,     793.0,       0.0);         ( 562911.6,
4325486.0,     124.3,     793.0,       0.0);
( 563011.6, 4325486.0,     142.0,     793.0,       0.0);         ( 563111.6,
4325486.0,     143.0,     793.0,       0.0);
( 563211.6, 4325486.0,     127.1,     793.0,       0.0);         ( 563311.6,
4325486.0,     148.0,     793.0,       0.0);
( 563411.6, 4325486.0,     141.4,     793.0,       0.0);         ( 563511.6,
4325486.0,     140.8,     793.0,       0.0);
```

```
684         ( 563611.6, 4325486.0,     135.2,     793.0,       0.0);         ( 563711.6,
            4325486.0,     131.8,     793.0,       0.0);
685         ( 563811.6, 4325486.0,     139.9,     793.0,       0.0);         ( 563911.6,
            4325486.0,     131.0,     793.0,       0.0);
686         ( 564011.6, 4325486.0,     141.9,     793.0,       0.0);         ( 564111.6,
            4325486.0,     138.4,     793.0,       0.0);
687         ( 564211.6, 4325486.0,     137.4,     793.0,       0.0);         ( 564311.6,
            4325486.0,     139.8,     152.8,       0.0);
688         ( 564411.6, 4325486.0,     151.9,     151.9,       0.0);         ( 564511.6,
            4325486.0,     154.4,     156.4,       0.0);
689         ( 564611.6, 4325486.0,     141.9,     157.6,       0.0);         ( 564711.6,
            4325486.0,     144.3,     157.8,       0.0);
690         ( 564811.6, 4325486.0,     145.4,     157.6,       0.0);         ( 564911.6,
            4325486.0,     130.7,     157.8,       0.0);
691         ( 565011.6, 4325486.0,     131.2,     153.3,       0.0);         ( 565111.6,
            4325486.0,     121.2,     153.3,       0.0);
692         ( 565211.6, 4325486.0,      96.6,     157.8,       0.0);         ( 565311.6,
            4325486.0,      95.5,     168.3,       0.0);
693         ( 565411.6, 4325486.0,      95.6,     168.3,       0.0);         ( 565511.6,
            4325486.0,      95.3,     173.1,       0.0);
694         ( 565611.6, 4325486.0,      93.0,     175.9,       0.0);         ( 565711.6,
            4325486.0,      92.8,     175.9,       0.0);
695         ( 565811.6, 4325486.0,     109.7,     175.9,       0.0);         ( 565911.6,
            4325486.0,     127.4,     172.5,       0.0);
696         ( 566011.6, 4325486.0,     142.9,     155.7,       0.0);         ( 566111.6,
            4325486.0,     125.5,     175.9,       0.0);
697         ( 566211.6, 4325486.0,     118.1,     175.9,       0.0);         ( 566311.6,
            4325486.0,     156.0,     160.5,       0.0);
698         ( 566411.6, 4325486.0,     162.2,     162.2,       0.0);         ( 566511.6,
            4325486.0,     148.3,     165.9,       0.0);
699         ( 560111.6, 4325586.0,     261.6,     793.0,       0.0);         ( 560211.6,
            4325586.0,     256.9,     793.0,       0.0);
700         ( 560311.6, 4325586.0,     259.2,     793.0,       0.0);         ( 560411.6,
            4325586.0,     222.9,     793.0,       0.0);
701         ( 560511.6, 4325586.0,     182.9,     793.0,       0.0);         ( 560611.6,
            4325586.0,     146.0,     849.1,       0.0);
702         ( 560711.6, 4325586.0,     139.5,     849.1,       0.0);         ( 560811.6,
            4325586.0,     142.2,     849.1,       0.0);
703         ( 560911.6, 4325586.0,     135.5,     849.1,       0.0);         ( 561011.6,
            4325586.0,     128.8,     849.1,       0.0);
704         ( 561111.6, 4325586.0,     129.2,     849.1,       0.0);         ( 561211.6,
            4325586.0,     124.0,     849.1,       0.0);
705         ( 561311.6, 4325586.0,     120.9,     849.1,       0.0);         ( 561411.6,
            4325586.0,     120.2,     849.1,       0.0);
706         ( 561511.6, 4325586.0,     118.2,     849.1,       0.0);         ( 561611.6,
            4325586.0,     117.0,     849.1,       0.0);
707         ( 561711.6, 4325586.0,     114.9,     849.1,       0.0);         ( 561811.6,
            4325586.0,     116.5,     849.1,       0.0);
708         ( 561911.6, 4325586.0,     116.1,     849.1,       0.0);         ( 562011.6,
            4325586.0,     115.8,     849.1,       0.0);
709         ( 562111.6, 4325586.0,     114.0,     849.1,       0.0);         ( 562211.6,
            4325586.0,     131.7,     793.0,       0.0);
710         ( 562311.6, 4325586.0,     117.8,     793.0,       0.0);         ( 562411.6,
            4325586.0,     123.2,     793.0,       0.0);
711         ( 562511.6, 4325586.0,     134.4,     793.0,       0.0);         ( 562611.6,
            4325586.0,     114.4,     793.0,       0.0);
712         ( 562711.6, 4325586.0,     112.8,     793.0,       0.0);         ( 562811.6,
            4325586.0,     122.7,     793.0,       0.0);
713         ( 562911.6, 4325586.0,     125.4,     793.0,       0.0);         ( 563011.6,
            4325586.0,     135.1,     793.0,       0.0);
714         ( 563111.6, 4325586.0,     124.6,     793.0,       0.0);         ( 563211.6,
            4325586.0,     129.6,     793.0,       0.0);
715         ( 563311.6, 4325586.0,     132.8,     793.0,       0.0);         ( 563411.6,
            4325586.0,     140.7,     793.0,       0.0);
716         ( 563511.6, 4325586.0,     142.7,     793.0,       0.0);         ( 563611.6,
            4325586.0,     142.6,     793.0,       0.0);
```

```
717       ( 563711.6, 4325586.0,     131.6,     793.0,       0.0);         ( 563811.6,
          4325586.0,     121.9,     793.0,       0.0);
718       ( 563911.6, 4325586.0,     131.1,     793.0,       0.0);         ( 564011.6,
          4325586.0,     142.2,     793.0,       0.0);
719       ( 564111.6, 4325586.0,     142.6,     793.0,       0.0);         ( 564211.6,
          4325586.0,     144.9,     147.9,       0.0);
720   FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                          ***         11/14/24
721    *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                          ***        11:46:05
722
                                    PAGE  14
723    *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
724
725                                                  *** DISCRETE CARTESIAN RECEPTORS ***
726                                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
727                                                          (METERS)
728
729       ( 564311.6, 4325586.0,     130.4,     780.0,       0.0);         ( 564411.6,
          4325586.0,     145.3,     145.3,       0.0);
730       ( 564511.6, 4325586.0,     134.9,     156.4,       0.0);         ( 564611.6,
          4325586.0,     132.5,     157.8,       0.0);
731       ( 564711.6, 4325586.0,     129.0,     157.8,       0.0);         ( 564811.6,
          4325586.0,     134.1,     157.8,       0.0);
732       ( 564911.6, 4325586.0,     144.7,     144.7,       0.0);         ( 565011.6,
          4325586.0,     134.9,     153.3,       0.0);
733       ( 565111.6, 4325586.0,     143.5,     153.3,       0.0);         ( 565211.6,
          4325586.0,     109.6,     153.3,       0.0);
734       ( 565311.6, 4325586.0,      97.8,     157.5,       0.0);         ( 565411.6,
          4325586.0,      94.5,     168.1,       0.0);
735       ( 565511.6, 4325586.0,      94.0,     168.3,       0.0);         ( 565611.6,
          4325586.0,      93.2,     172.5,       0.0);
736       ( 565711.6, 4325586.0,      93.2,     175.9,       0.0);         ( 565811.6,
          4325586.0,      92.7,     175.9,       0.0);
737       ( 565911.6, 4325586.0,     100.8,     175.9,       0.0);         ( 566011.6,
          4325586.0,     104.6,     175.9,       0.0);
738       ( 566111.6, 4325586.0,     107.3,     175.9,       0.0);         ( 566211.6,
          4325586.0,     119.9,     175.9,       0.0);
739       ( 566311.6, 4325586.0,     130.8,     172.5,       0.0);         ( 566411.6,
          4325586.0,     133.9,     165.9,       0.0);
740       ( 566511.6, 4325586.0,     140.5,     165.8,       0.0);         ( 560111.6,
          4325686.0,     273.8,     793.0,       0.0);
741       ( 560211.6, 4325686.0,     251.5,     793.0,       0.0);         ( 560311.6,
          4325686.0,     231.6,     793.0,       0.0);
742       ( 560411.6, 4325686.0,     206.6,     793.0,       0.0);         ( 560511.6,
          4325686.0,     162.8,     849.1,       0.0);
743       ( 560611.6, 4325686.0,     146.5,     849.1,       0.0);         ( 560711.6,
          4325686.0,     137.2,     849.1,       0.0);
744       ( 560811.6, 4325686.0,     141.7,     849.1,       0.0);         ( 560911.6,
          4325686.0,     131.3,     849.1,       0.0);
745       ( 561011.6, 4325686.0,     126.8,     849.1,       0.0);         ( 561111.6,
          4325686.0,     129.7,     849.1,       0.0);
746       ( 561211.6, 4325686.0,     123.9,     849.1,       0.0);         ( 561311.6,
          4325686.0,     120.0,     849.1,       0.0);
747       ( 561411.6, 4325686.0,     118.5,     849.1,       0.0);         ( 561511.6,
          4325686.0,     117.3,     849.1,       0.0);
748       ( 561611.6, 4325686.0,     115.7,     849.1,       0.0);         ( 561711.6,
          4325686.0,     114.0,     849.1,       0.0);
749       ( 561811.6, 4325686.0,     114.3,     849.1,       0.0);         ( 561911.6,
          4325686.0,     113.8,     849.1,       0.0);
750       ( 562011.6, 4325686.0,     114.0,     793.0,       0.0);         ( 562111.6,
          4325686.0,     114.0,     793.0,       0.0);
751       ( 562211.6, 4325686.0,     113.5,     793.0,       0.0);         ( 562311.6,
          4325686.0,     114.2,     793.0,       0.0);
752       ( 562411.6, 4325686.0,     118.1,     793.0,       0.0);         ( 562511.6,
          4325686.0,     113.4,     793.0,       0.0);
```

```
753       ( 562611.6, 4325686.0,     116.0,     793.0,       0.0);         ( 562711.6,
          4325686.0,     110.0,     793.0,       0.0);
754       ( 562811.6, 4325686.0,     126.5,     793.0,       0.0);         ( 562911.6,
          4325686.0,     117.6,     793.0,       0.0);
755       ( 563011.6, 4325686.0,     131.8,     793.0,       0.0);         ( 563111.6,
          4325686.0,     133.2,     793.0,       0.0);
756       ( 563211.6, 4325686.0,     115.2,     793.0,       0.0);         ( 563311.6,
          4325686.0,     133.5,     793.0,       0.0);
757       ( 563411.6, 4325686.0,     119.9,     793.0,       0.0);         ( 563511.6,
          4325686.0,     139.5,     793.0,       0.0);
758       ( 563611.6, 4325686.0,     129.3,     793.0,       0.0);         ( 563711.6,
          4325686.0,     123.1,     793.0,       0.0);
759       ( 563811.6, 4325686.0,     125.0,     793.0,       0.0);         ( 563911.6,
          4325686.0,     137.9,     793.0,       0.0);
760       ( 564011.6, 4325686.0,     138.2,     793.0,       0.0);         ( 564111.6,
          4325686.0,     141.8,     792.5,       0.0);
761       ( 564211.6, 4325686.0,     138.6,     140.0,       0.0);         ( 564311.6,
          4325686.0,     142.8,     152.1,       0.0);
762       ( 564411.6, 4325686.0,     151.1,     151.1,       0.0);         ( 564511.6,
          4325686.0,     146.7,     148.9,       0.0);
763       ( 564611.6, 4325686.0,     134.1,     156.4,       0.0);         ( 564711.6,
          4325686.0,     129.1,     149.6,       0.0);
764       ( 564811.6, 4325686.0,     119.0,     157.8,       0.0);         ( 564911.6,
          4325686.0,     119.5,     157.8,       0.0);
765       ( 565011.6, 4325686.0,     137.5,     153.3,       0.0);         ( 565111.6,
          4325686.0,     141.2,     153.3,       0.0);
766       ( 565211.6, 4325686.0,     141.2,     152.1,       0.0);         ( 565311.6,
          4325686.0,     119.6,     153.3,       0.0);
767       ( 565411.6, 4325686.0,     105.3,     153.3,       0.0);         ( 565511.6,
          4325686.0,      99.8,     155.7,       0.0);
768       ( 565611.6, 4325686.0,      94.6,     172.5,       0.0);         ( 565711.6,
          4325686.0,      92.9,     175.9,       0.0);
769       ( 565811.6, 4325686.0,      91.7,     175.9,       0.0);         ( 565911.6,
          4325686.0,      91.1,     175.9,       0.0);
770       ( 566011.6, 4325686.0,      90.1,     175.9,       0.0);         ( 566111.6,
          4325686.0,      91.0,     175.9,       0.0);
771       ( 566211.6, 4325686.0,      89.8,     175.9,       0.0);         ( 566311.6,
          4325686.0,     101.4,     175.9,       0.0);
772       ( 566411.6, 4325686.0,     114.8,     175.9,       0.0);         ( 566511.6,
          4325686.0,     148.4,     149.2,       0.0);
773       ( 560111.6, 4325786.0,     261.2,     793.0,       0.0);         ( 560211.6,
          4325786.0,     239.0,     793.0,       0.0);
774   FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                         ***        11/14/24
775    *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                          ***       11:46:05
776
                                  PAGE  15
777    *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
778
779                                            *** DISCRETE CARTESIAN RECEPTORS ***
780                                           (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
781                                                        (METERS)
782
783       ( 560311.6, 4325786.0,     209.4,     793.0,       0.0);         ( 560411.6,
          4325786.0,     205.0,     793.0,       0.0);
784       ( 560511.6, 4325786.0,     171.1,     793.0,       0.0);         ( 560611.6,
          4325786.0,     142.2,     849.1,       0.0);
785       ( 560711.6, 4325786.0,     135.7,     849.1,       0.0);         ( 560811.6,
          4325786.0,     130.7,     849.1,       0.0);
786       ( 560911.6, 4325786.0,     129.2,     849.1,       0.0);         ( 561011.6,
          4325786.0,     126.4,     849.1,       0.0);
787       ( 561111.6, 4325786.0,     122.2,     849.1,       0.0);         ( 561211.6,
          4325786.0,     120.1,     849.1,       0.0);
788       ( 561311.6, 4325786.0,     117.3,     849.1,       0.0);         ( 561411.6,
          4325786.0,     116.5,     849.1,       0.0);
```

```
789         ( 561511.6, 4325786.0,     115.4,     849.1,       0.0);         ( 561611.6,
            4325786.0,     114.1,     849.1,       0.0);
790         ( 561711.6, 4325786.0,     112.8,     849.1,       0.0);         ( 561811.6,
            4325786.0,     113.4,     793.0,       0.0);
791         ( 561911.6, 4325786.0,     112.8,     793.0,       0.0);         ( 562011.6,
            4325786.0,     112.5,     793.0,       0.0);
792         ( 562111.6, 4325786.0,     112.5,     793.0,       0.0);         ( 562211.6,
            4325786.0,     112.1,     793.0,       0.0);
793         ( 562311.6, 4325786.0,     110.8,     793.0,       0.0);         ( 562411.6,
            4325786.0,     110.0,     793.0,       0.0);
794         ( 562511.6, 4325786.0,     109.3,     793.0,       0.0);         ( 562611.6,
            4325786.0,     108.7,     793.0,       0.0);
795         ( 562711.6, 4325786.0,     107.1,     793.0,       0.0);         ( 562811.6,
            4325786.0,     122.8,     793.0,       0.0);
796         ( 562911.6, 4325786.0,     111.3,     793.0,       0.0);         ( 563011.6,
            4325786.0,     123.1,     793.0,       0.0);
797         ( 563111.6, 4325786.0,     117.2,     793.0,       0.0);         ( 563211.6,
            4325786.0,     109.9,     793.0,       0.0);
798         ( 563311.6, 4325786.0,     123.4,     793.0,       0.0);         ( 563411.6,
            4325786.0,     115.3,     793.0,       0.0);
799         ( 563511.6, 4325786.0,     127.0,     793.0,       0.0);         ( 563611.6,
            4325786.0,     130.4,     793.0,       0.0);
800         ( 563711.6, 4325786.0,     116.6,     793.0,       0.0);         ( 563811.6,
            4325786.0,     120.7,     793.0,       0.0);
801         ( 563911.6, 4325786.0,     135.5,     793.0,       0.0);         ( 564011.6,
            4325786.0,     142.2,     793.0,       0.0);
802         ( 564111.6, 4325786.0,     128.1,     793.0,       0.0);         ( 564211.6,
            4325786.0,     135.1,     138.2,       0.0);
803         ( 564311.6, 4325786.0,     131.3,     152.3,       0.0);         ( 564411.6,
            4325786.0,     142.6,     152.3,       0.0);
804         ( 564511.6, 4325786.0,     144.6,     151.6,       0.0);         ( 564611.6,
            4325786.0,     148.8,     148.8,       0.0);
805         ( 564711.6, 4325786.0,     137.6,     149.6,       0.0);         ( 564811.6,
            4325786.0,     136.3,     144.8,       0.0);
806         ( 564911.6, 4325786.0,     112.3,     157.8,       0.0);         ( 565011.6,
            4325786.0,     129.4,     153.3,       0.0);
807         ( 565111.6, 4325786.0,     137.2,     152.1,       0.0);         ( 565211.6,
            4325786.0,     132.4,     152.1,       0.0);
808         ( 565311.6, 4325786.0,     135.2,     143.2,       0.0);         ( 565411.6,
            4325786.0,     130.5,     137.8,       0.0);
809         ( 565511.6, 4325786.0,     127.4,     137.4,       0.0);         ( 565611.6,
            4325786.0,     114.1,     143.1,       0.0);
810         ( 565711.6, 4325786.0,     121.0,     137.6,       0.0);         ( 565811.6,
            4325786.0,     108.2,     155.7,       0.0);
811         ( 565911.6, 4325786.0,     106.0,     172.5,       0.0);         ( 566011.6,
            4325786.0,      83.8,     175.9,       0.0);
812         ( 566111.6, 4325786.0,      88.6,     175.9,       0.0);         ( 566211.6,
            4325786.0,      87.5,     175.9,       0.0);
813         ( 566311.6, 4325786.0,      83.7,     175.9,       0.0);         ( 566411.6,
            4325786.0,      85.9,     175.9,       0.0);
814         ( 566511.6, 4325786.0,     102.1,     175.9,       0.0);         ( 560111.6,
            4325886.0,     258.7,     793.0,       0.0);
815         ( 560211.6, 4325886.0,     238.2,     793.0,       0.0);         ( 560311.6,
            4325886.0,     233.9,     793.0,       0.0);
816         ( 560411.6, 4325886.0,     208.5,     793.0,       0.0);         ( 560511.6,
            4325886.0,     163.4,     793.0,       0.0);
817         ( 560611.6, 4325886.0,     140.9,     849.1,       0.0);         ( 560711.6,
            4325886.0,     137.0,     849.1,       0.0);
818         ( 560811.6, 4325886.0,     130.5,     849.1,       0.0);         ( 560911.6,
            4325886.0,     127.5,     849.1,       0.0);
819         ( 561011.6, 4325886.0,     124.8,     849.1,       0.0);         ( 561111.6,
            4325886.0,     122.9,     849.1,       0.0);
820         ( 561211.6, 4325886.0,     120.5,     849.1,       0.0);         ( 561311.6,
            4325886.0,     117.5,     849.1,       0.0);
821         ( 561411.6, 4325886.0,     114.6,     849.1,       0.0);         ( 561511.6,
            4325886.0,     113.9,     849.1,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(561611.6, 4325886.0, 112.6, 793.0, 0.0); (561711.6, 4325886.0, 112.1, 793.0, 0.0);
(561811.6, 4325886.0, 112.0, 793.0, 0.0); (561911.6, 4325886.0, 111.6, 793.0, 0.0);
(562011.6, 4325886.0, 111.0, 793.0, 0.0); (562111.6, 4325886.0, 110.8, 793.0, 0.0);
(562211.6, 4325886.0, 109.4, 793.0, 0.0); (562311.6, 4325886.0, 110.0, 793.0, 0.0);
(562411.6, 4325886.0, 109.1, 793.0, 0.0); (562511.6, 4325886.0, 107.9, 793.0, 0.0);
(562611.6, 4325886.0, 106.7, 793.0, 0.0); (562711.6, 4325886.0, 105.4, 793.0, 0.0);
(562811.6, 4325886.0, 105.7, 793.0, 0.0); (562911.6, 4325886.0, 108.0, 793.0, 0.0);
(563011.6, 4325886.0, 107.6, 793.0, 0.0); (563111.6, 4325886.0, 107.5, 793.0, 0.0);
(563211.6, 4325886.0, 107.5, 793.0, 0.0); (563311.6, 4325886.0, 106.4, 793.0, 0.0);
(563411.6, 4325886.0, 111.3, 793.0, 0.0); (563511.6, 4325886.0, 127.0, 793.0, 0.0);
(563611.6, 4325886.0, 128.0, 793.0, 0.0); (563711.6, 4325886.0, 112.3, 793.0, 0.0);
(563811.6, 4325886.0, 117.8, 793.0, 0.0); (563911.6, 4325886.0, 135.7, 793.0, 0.0);
(564011.6, 4325886.0, 124.6, 793.0, 0.0); (564111.6, 4325886.0, 120.9, 793.0, 0.0);
(564211.6, 4325886.0, 135.9, 135.9, 0.0); (564311.6, 4325886.0, 120.0, 780.0, 0.0);
(564411.6, 4325886.0, 118.1, 152.3, 0.0); (564511.6, 4325886.0, 117.8, 152.3, 0.0);
(564611.6, 4325886.0, 119.1, 152.3, 0.0); (564711.6, 4325886.0, 114.6, 152.3, 0.0);
(564811.6, 4325886.0, 108.9, 153.3, 0.0); (564911.6, 4325886.0, 131.6, 143.5, 0.0);
(565011.6, 4325886.0, 134.9, 143.5, 0.0); (565111.6, 4325886.0, 135.6, 140.0, 0.0);
(565211.6, 4325886.0, 121.7, 153.3, 0.0); (565311.6, 4325886.0, 117.5, 152.1, 0.0);
(565411.6, 4325886.0, 114.0, 152.1, 0.0); (565511.6, 4325886.0, 118.9, 143.1, 0.0);
(565611.6, 4325886.0, 119.5, 143.1, 0.0); (565711.6, 4325886.0, 122.6, 143.1, 0.0);
(565811.6, 4325886.0, 117.3, 141.8, 0.0); (565911.6, 4325886.0, 109.6, 141.5, 0.0);
(566011.6, 4325886.0, 96.3, 172.5, 0.0); (566111.6, 4325886.0, 99.4, 172.5, 0.0);
(566211.6, 4325886.0, 95.3, 175.9, 0.0); (566311.6, 4325886.0, 90.0, 175.9, 0.0);
(566411.6, 4325886.0, 80.2, 175.9, 0.0); (566511.6, 4325886.0, 83.4, 175.9, 0.0);
(560111.6, 4325986.0, 261.6, 793.0, 0.0); (560211.6, 4325986.0, 242.6, 793.0, 0.0);
(560311.6, 4325986.0, 206.1, 793.0, 0.0); (560411.6, 4325986.0, 194.1, 793.0, 0.0);

```
858       ( 560511.6, 4325986.0,     155.9,     793.0,       0.0);         ( 560611.6,
          4325986.0,     141.2,     793.0,       0.0);
859       ( 560711.6, 4325986.0,     134.0,     793.0,       0.0);         ( 560811.6,
          4325986.0,     131.4,     793.0,       0.0);
860       ( 560911.6, 4325986.0,     126.2,     849.1,       0.0);         ( 561011.6,
          4325986.0,     124.0,     848.7,       0.0);
861       ( 561111.6, 4325986.0,     120.7,     848.7,       0.0);         ( 561211.6,
          4325986.0,     119.0,     793.0,       0.0);
862       ( 561311.6, 4325986.0,     117.1,     793.0,       0.0);         ( 561411.6,
          4325986.0,     114.5,     793.0,       0.0);
863       ( 561511.6, 4325986.0,     112.9,     793.0,       0.0);         ( 561611.6,
          4325986.0,     111.3,     793.0,       0.0);
864       ( 561711.6, 4325986.0,     111.0,     793.0,       0.0);         ( 561811.6,
          4325986.0,     110.6,     793.0,       0.0);
865       ( 561911.6, 4325986.0,     110.3,     793.0,       0.0);         ( 562011.6,
          4325986.0,     110.0,     793.0,       0.0);
866       ( 562111.6, 4325986.0,     109.6,     793.0,       0.0);         ( 562211.6,
          4325986.0,     108.0,     793.0,       0.0);
867       ( 562311.6, 4325986.0,     109.7,     793.0,       0.0);         ( 562411.6,
          4325986.0,     109.0,     793.0,       0.0);
868       ( 562511.6, 4325986.0,     107.6,     793.0,       0.0);         ( 562611.6,
          4325986.0,     106.4,     793.0,       0.0);
869       ( 562711.6, 4325986.0,     105.1,     793.0,       0.0);         ( 562811.6,
          4325986.0,     103.8,     793.0,       0.0);
870       ( 562911.6, 4325986.0,     103.0,     793.0,       0.0);         ( 563011.6,
          4325986.0,     102.1,     793.0,       0.0);
871       ( 563111.6, 4325986.0,     101.9,     793.0,       0.0);         ( 563211.6,
          4325986.0,     102.8,     793.0,       0.0);
872       ( 563311.6, 4325986.0,     101.3,     793.0,       0.0);         ( 563411.6,
          4325986.0,     106.0,     793.0,       0.0);
873       ( 563511.6, 4325986.0,     114.0,     793.0,       0.0);         ( 563611.6,
          4325986.0,     116.5,     793.0,       0.0);
874       ( 563711.6, 4325986.0,     110.8,     793.0,       0.0);         ( 563811.6,
          4325986.0,     131.1,     793.0,       0.0);
875       ( 563911.6, 4325986.0,     133.3,     793.0,       0.0);         ( 564011.6,
          4325986.0,     117.8,     793.0,       0.0);
876       ( 564111.6, 4325986.0,     116.1,     793.0,       0.0);         ( 564211.6,
          4325986.0,     136.4,     136.4,       0.0);
877       ( 564311.6, 4325986.0,     133.8,     137.2,       0.0);         ( 564411.6,
          4325986.0,     133.2,     138.3,       0.0);
878       ( 564511.6, 4325986.0,     127.3,     151.6,       0.0);         ( 564611.6,
          4325986.0,     117.2,     152.3,       0.0);
879       ( 564711.6, 4325986.0,     101.4,     156.4,       0.0);         ( 564811.6,
          4325986.0,     121.8,     148.6,       0.0);
880       ( 564911.6, 4325986.0,     142.8,     142.8,       0.0);         ( 565011.6,
          4325986.0,     133.9,     143.5,       0.0);
881       ( 565111.6, 4325986.0,     128.1,     143.0,       0.0);         ( 565211.6,
          4325986.0,     142.7,     142.7,       0.0);
882   FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                          ***        11/14/24
883    *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                          ***       11:46:05
884
                                  PAGE  17
885    *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
886
887                                              *** DISCRETE CARTESIAN RECEPTORS ***
888                                            (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
889                                                          (METERS)
890
891       ( 565311.6, 4325986.0,     129.6,     143.1,       0.0);         ( 565411.6,
          4325986.0,     140.1,     142.6,       0.0);
892       ( 565511.6, 4325986.0,     135.7,     142.4,       0.0);         ( 565611.6,
          4325986.0,     123.1,     143.1,       0.0);
893       ( 565711.6, 4325986.0,     108.0,     143.1,       0.0);         ( 565811.6,
          4325986.0,     116.7,     143.1,       0.0);
```

```
894       ( 565911.6, 4325986.0,     114.4,     141.5,       0.0);         ( 566011.6,
          4325986.0,     129.2,     134.3,       0.0);
895       ( 566111.6, 4325986.0,     115.8,     139.9,       0.0);         ( 566211.6,
          4325986.0,     102.9,     163.8,       0.0);
896       ( 566311.6, 4325986.0,     118.9,     135.5,       0.0);         ( 566411.6,
          4325986.0,      89.1,     175.8,       0.0);
897       ( 566511.6, 4325986.0,      84.5,     175.9,       0.0);         ( 560111.6,
          4326086.0,     247.1,     793.0,       0.0);
898       ( 560211.6, 4326086.0,     225.6,     793.0,       0.0);         ( 560311.6,
          4326086.0,     204.0,     793.0,       0.0);
899       ( 560411.6, 4326086.0,     178.1,     793.0,       0.0);         ( 560511.6,
          4326086.0,     152.5,     793.0,       0.0);
900       ( 560611.6, 4326086.0,     141.9,     793.0,       0.0);         ( 560711.6,
          4326086.0,     135.1,     793.0,       0.0);
901       ( 560811.6, 4326086.0,     129.9,     793.0,       0.0);         ( 560911.6,
          4326086.0,     125.2,     793.0,       0.0);
902       ( 561011.6, 4326086.0,     122.6,     793.0,       0.0);         ( 561111.6,
          4326086.0,     119.8,     793.0,       0.0);
903       ( 561211.6, 4326086.0,     117.4,     793.0,       0.0);         ( 561311.6,
          4326086.0,     115.6,     793.0,       0.0);
904       ( 561411.6, 4326086.0,     113.3,     793.0,       0.0);         ( 561511.6,
          4326086.0,     111.7,     793.0,       0.0);
905       ( 561611.6, 4326086.0,     110.2,     793.0,       0.0);         ( 561711.6,
          4326086.0,     109.5,     793.0,       0.0);
906       ( 561811.6, 4326086.0,     109.2,     793.0,       0.0);         ( 561911.6,
          4326086.0,     109.0,     793.0,       0.0);
907       ( 562011.6, 4326086.0,     108.9,     793.0,       0.0);         ( 562111.6,
          4326086.0,     108.5,     793.0,       0.0);
908       ( 562211.6, 4326086.0,     108.5,     793.0,       0.0);         ( 562311.6,
          4326086.0,     108.0,     793.0,       0.0);
909       ( 562411.6, 4326086.0,     108.5,     793.0,       0.0);         ( 562511.6,
          4326086.0,     107.2,     793.0,       0.0);
910       ( 562611.6, 4326086.0,     105.7,     793.0,       0.0);         ( 562711.6,
          4326086.0,     104.3,     793.0,       0.0);
911       ( 562811.6, 4326086.0,     103.2,     793.0,       0.0);         ( 562911.6,
          4326086.0,     102.2,     793.0,       0.0);
912       ( 563011.6, 4326086.0,     101.2,     793.0,       0.0);         ( 563111.6,
          4326086.0,     100.2,     793.0,       0.0);
913       ( 563211.6, 4326086.0,      99.4,     793.0,       0.0);         ( 563311.6,
          4326086.0,      98.2,     793.0,       0.0);
914       ( 563411.6, 4326086.0,      97.5,     793.0,       0.0);         ( 563511.6,
          4326086.0,      98.2,     793.0,       0.0);
915       ( 563611.6, 4326086.0,      99.3,     793.0,       0.0);         ( 563711.6,
          4326086.0,     117.6,     793.0,       0.0);
916       ( 563811.6, 4326086.0,     129.2,     793.0,       0.0);         ( 563911.6,
          4326086.0,     130.8,     793.0,       0.0);
917       ( 564011.6, 4326086.0,     120.4,     793.0,       0.0);         ( 564111.6,
          4326086.0,     104.8,     793.0,       0.0);
918       ( 564211.6, 4326086.0,     116.4,     780.0,       0.0);         ( 564311.6,
          4326086.0,     133.0,     135.1,       0.0);
919       ( 564411.6, 4326086.0,     128.9,     138.3,       0.0);         ( 564511.6,
          4326086.0,     127.8,     137.2,       0.0);
920       ( 564611.6, 4326086.0,     134.3,     136.3,       0.0);         ( 564711.6,
          4326086.0,      98.8,     152.3,       0.0);
921       ( 564811.6, 4326086.0,     133.1,     138.0,       0.0);         ( 564911.6,
          4326086.0,     138.8,     138.8,       0.0);
922       ( 565011.6, 4326086.0,     137.2,     140.7,       0.0);         ( 565111.6,
          4326086.0,     135.1,     140.0,       0.0);
923       ( 565211.6, 4326086.0,     123.9,     143.1,       0.0);         ( 565311.6,
          4326086.0,     138.6,     138.6,       0.0);
924       ( 565411.6, 4326086.0,     130.4,     143.1,       0.0);         ( 565511.6,
          4326086.0,     141.5,     141.5,       0.0);
925       ( 565611.6, 4326086.0,     140.9,     143.1,       0.0);         ( 565711.6,
          4326086.0,     123.9,     143.1,       0.0);
926       ( 565811.6, 4326086.0,     139.4,     141.4,       0.0);         ( 565911.6,
          4326086.0,     137.3,     138.9,       0.0);
```

```
927         ( 566011.6, 4326086.0,     117.8,     141.5,       0.0);         ( 566111.6,
            4326086.0,     118.0,     137.1,       0.0);
928         ( 566211.6, 4326086.0,     134.7,     134.7,       0.0);         ( 566311.6,
            4326086.0,     114.6,     135.9,       0.0);
929         ( 566411.6, 4326086.0,     106.4,     149.2,       0.0);         ( 566511.6,
            4326086.0,      97.7,     163.8,       0.0);
930         ( 560111.6, 4326186.0,     238.2,     793.0,       0.0);         ( 560211.6,
            4326186.0,     232.1,     793.0,       0.0);
931         ( 560311.6, 4326186.0,     209.0,     793.0,       0.0);         ( 560411.6,
            4326186.0,     186.4,     793.0,       0.0);
932         ( 560511.6, 4326186.0,     150.2,     793.0,       0.0);         ( 560611.6,
            4326186.0,     141.2,     793.0,       0.0);
933         ( 560711.6, 4326186.0,     134.4,     793.0,       0.0);         ( 560811.6,
            4326186.0,     129.5,     793.0,       0.0);
934         ( 560911.6, 4326186.0,     125.1,     793.0,       0.0);         ( 561011.6,
            4326186.0,     122.2,     793.0,       0.0);
935         ( 561111.6, 4326186.0,     119.6,     793.0,       0.0);         ( 561211.6,
            4326186.0,     114.3,     793.0,       0.0);
936   FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                          ***         11/14/24
937    *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                          ***        11:46:05
938
                                    PAGE  18
939    *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
940
941                                                  *** DISCRETE CARTESIAN RECEPTORS ***
942                                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
943                                                          (METERS)
944
945         ( 561311.6, 4326186.0,     114.3,     793.0,       0.0);         ( 561411.6,
            4326186.0,     112.5,     793.0,       0.0);
946         ( 561511.6, 4326186.0,     111.1,     793.0,       0.0);         ( 561611.6,
            4326186.0,     109.6,     793.0,       0.0);
947         ( 561711.6, 4326186.0,     107.2,     793.0,       0.0);         ( 561811.6,
            4326186.0,     108.2,     793.0,       0.0);
948         ( 561911.6, 4326186.0,     107.7,     793.0,       0.0);         ( 562011.6,
            4326186.0,     107.4,     793.0,       0.0);
949         ( 562111.6, 4326186.0,     107.1,     793.0,       0.0);         ( 562211.6,
            4326186.0,     107.1,     793.0,       0.0);
950         ( 562311.6, 4326186.0,     106.0,     793.0,       0.0);         ( 562411.6,
            4326186.0,     107.0,     793.0,       0.0);
951         ( 562511.6, 4326186.0,     106.5,     793.0,       0.0);         ( 562611.6,
            4326186.0,     105.1,     793.0,       0.0);
952         ( 562711.6, 4326186.0,     103.8,     793.0,       0.0);         ( 562811.6,
            4326186.0,     102.7,     793.0,       0.0);
953         ( 562911.6, 4326186.0,     101.6,     793.0,       0.0);         ( 563011.6,
            4326186.0,     100.6,     793.0,       0.0);
954         ( 563111.6, 4326186.0,      99.7,     793.0,       0.0);         ( 563211.6,
            4326186.0,      98.7,     793.0,       0.0);
955         ( 563311.6, 4326186.0,      98.1,     793.0,       0.0);         ( 563411.6,
            4326186.0,      97.6,     793.0,       0.0);
956         ( 563511.6, 4326186.0,      95.8,     793.0,       0.0);         ( 563611.6,
            4326186.0,      96.4,     793.0,       0.0);
957         ( 563711.6, 4326186.0,      99.5,     793.0,       0.0);         ( 563811.6,
            4326186.0,     112.2,     793.0,       0.0);
958         ( 563911.6, 4326186.0,     116.0,     793.0,       0.0);         ( 564011.6,
            4326186.0,     114.9,     793.0,       0.0);
959         ( 564111.6, 4326186.0,      97.8,     793.0,       0.0);         ( 564211.6,
            4326186.0,     109.4,     793.0,       0.0);
960         ( 564311.6, 4326186.0,     125.0,     134.4,       0.0);         ( 564411.6,
            4326186.0,     119.6,     138.3,       0.0);
961         ( 564511.6, 4326186.0,     121.5,     137.2,       0.0);         ( 564611.6,
            4326186.0,     133.7,     135.0,       0.0);
962         ( 564711.6, 4326186.0,      96.2,     152.3,       0.0);         ( 564811.6,
            4326186.0,     115.0,     143.5,       0.0);
```

963 (564911.6, 4326186.0, 127.3, 142.2, 0.0); (565011.6, 4326186.0, 118.6, 143.2, 0.0);
964 (565111.6, 4326186.0, 109.4, 143.5, 0.0); (565211.6, 4326186.0, 103.7, 143.5, 0.0);
965 (565311.6, 4326186.0, 111.2, 143.1, 0.0); (565411.6, 4326186.0, 122.4, 143.1, 0.0);
966 (565511.6, 4326186.0, 117.7, 143.1, 0.0); (565611.6, 4326186.0, 123.0, 143.1, 0.0);
967 (565711.6, 4326186.0, 137.0, 137.0, 0.0); (565811.6, 4326186.0, 118.7, 143.1, 0.0);
968 (565911.6, 4326186.0, 112.7, 141.5, 0.0); (566011.6, 4326186.0, 122.5, 140.6, 0.0);
969 (566111.6, 4326186.0, 125.1, 135.9, 0.0); (566211.6, 4326186.0, 108.2, 136.2, 0.0);
970 (566311.6, 4326186.0, 115.6, 135.9, 0.0); (566411.6, 4326186.0, 119.5, 123.9, 0.0);
971 (566511.6, 4326186.0, 109.9, 127.3, 0.0); (560111.6, 4326286.0, 239.7, 793.0, 0.0);
972 (560211.6, 4326286.0, 225.0, 793.0, 0.0); (560311.6, 4326286.0, 180.3, 793.0, 0.0);
973 (560411.6, 4326286.0, 159.9, 793.0, 0.0); (560511.6, 4326286.0, 143.3, 793.0, 0.0);
974 (560611.6, 4326286.0, 139.7, 793.0, 0.0); (560711.6, 4326286.0, 134.6, 793.0, 0.0);
975 (560811.6, 4326286.0, 128.8, 793.0, 0.0); (560911.6, 4326286.0, 124.9, 793.0, 0.0);
976 (561011.6, 4326286.0, 123.8, 793.0, 0.0); (561111.6, 4326286.0, 120.3, 793.0, 0.0);
977 (561211.6, 4326286.0, 116.2, 793.0, 0.0); (561311.6, 4326286.0, 114.4, 793.0, 0.0);
978 (561411.6, 4326286.0, 112.3, 793.0, 0.0); (561511.6, 4326286.0, 110.9, 793.0, 0.0);
979 (561611.6, 4326286.0, 109.6, 793.0, 0.0); (561711.6, 4326286.0, 108.2, 793.0, 0.0);
980 (561811.6, 4326286.0, 105.9, 793.0, 0.0); (561911.6, 4326286.0, 106.7, 793.0, 0.0);
981 (562011.6, 4326286.0, 106.1, 793.0, 0.0); (562111.6, 4326286.0, 106.0, 793.0, 0.0);
982 (562211.6, 4326286.0, 105.6, 793.0, 0.0); (562311.6, 4326286.0, 104.6, 793.0, 0.0);
983 (562411.6, 4326286.0, 105.5, 793.0, 0.0); (562511.6, 4326286.0, 106.5, 793.0, 0.0);
984 (562611.6, 4326286.0, 104.4, 793.0, 0.0); (562711.6, 4326286.0, 103.5, 793.0, 0.0);
985 (562811.6, 4326286.0, 102.5, 793.0, 0.0); (562911.6, 4326286.0, 103.1, 793.0, 0.0);
986 (563011.6, 4326286.0, 100.5, 793.0, 0.0); (563111.6, 4326286.0, 99.3, 793.0, 0.0);
987 (563211.6, 4326286.0, 98.1, 793.0, 0.0); (563311.6, 4326286.0, 97.2, 793.0, 0.0);
988 (563411.6, 4326286.0, 96.3, 793.0, 0.0); (563511.6, 4326286.0, 95.4, 793.0, 0.0);
989 (563611.6, 4326286.0, 94.9, 793.0, 0.0); (563711.6, 4326286.0, 91.6, 793.0, 0.0);
990 FF *** AERMOD - VERSION 23132 *** *** Janus Solar and Battery Strorage Project-DPM *** 11/14/24
991 *** AERMET - VERSION 19191 *** *** Met data: Oroville 2015-2019 *** 11:46:05
992
PAGE 19
993 *** MODELOPTs: RegDFAULT CONC ELEV RURAL
994
995 *** DISCRETE CARTESIAN RECEPTORS ***
996 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
997 (METERS)
998

```
 999        ( 563811.6, 4326286.0,      91.8,     793.0,       0.0);         ( 563911.6,
            4326286.0,      96.3,     793.0,       0.0);
1000        ( 564011.6, 4326286.0,      99.2,     793.0,       0.0);         ( 564111.6,
            4326286.0,      91.6,     793.0,       0.0);
1001        ( 564211.6, 4326286.0,      97.2,     793.0,       0.0);         ( 564311.6,
            4326286.0,     107.2,     138.3,       0.0);
1002        ( 564411.6, 4326286.0,     100.8,     138.3,       0.0);         ( 564511.6,
            4326286.0,     111.1,     137.2,       0.0);
1003        ( 564611.6, 4326286.0,     114.0,     137.2,       0.0);         ( 564711.6,
            4326286.0,      92.8,     151.6,       0.0);
1004        ( 564811.6, 4326286.0,     121.7,     137.1,       0.0);         ( 564911.6,
            4326286.0,     127.1,     137.1,       0.0);
1005        ( 565011.6, 4326286.0,     122.6,     137.1,       0.0);         ( 565111.6,
            4326286.0,     126.8,     130.7,       0.0);
1006        ( 565211.6, 4326286.0,     127.1,     130.1,       0.0);         ( 565311.6,
            4326286.0,     106.3,     143.1,       0.0);
1007        ( 565411.6, 4326286.0,      92.4,     143.1,       0.0);         ( 565511.6,
            4326286.0,     111.9,     143.1,       0.0);
1008        ( 565611.6, 4326286.0,     135.8,     137.5,       0.0);         ( 565711.6,
            4326286.0,     124.6,     138.4,       0.0);
1009        ( 565811.6, 4326286.0,     135.3,     135.7,       0.0);         ( 565911.6,
            4326286.0,     126.3,     137.0,       0.0);
1010        ( 566011.6, 4326286.0,     125.3,     137.0,       0.0);         ( 566111.6,
            4326286.0,     119.8,     136.6,       0.0);
1011        ( 566211.6, 4326286.0,     122.5,     135.3,       0.0);         ( 566311.6,
            4326286.0,     130.1,     130.1,       0.0);
1012        ( 566411.6, 4326286.0,     116.3,     135.3,       0.0);         ( 566511.6,
            4326286.0,     106.8,     135.3,       0.0);
1013        ( 560111.6, 4326386.0,     196.1,     793.0,       0.0);         ( 560211.6,
            4326386.0,     199.5,     793.0,       0.0);
1014        ( 560311.6, 4326386.0,     162.3,     793.0,       0.0);         ( 560411.6,
            4326386.0,     168.2,     793.0,       0.0);
1015        ( 560511.6, 4326386.0,     142.8,     793.0,       0.0);         ( 560611.6,
            4326386.0,     137.1,     793.0,       0.0);
1016        ( 560711.6, 4326386.0,     133.6,     793.0,       0.0);         ( 560811.6,
            4326386.0,     126.8,     793.0,       0.0);
1017        ( 560911.6, 4326386.0,     124.1,     793.0,       0.0);         ( 561011.6,
            4326386.0,     120.5,     793.0,       0.0);
1018        ( 561111.6, 4326386.0,     118.5,     793.0,       0.0);         ( 561211.6,
            4326386.0,     116.5,     793.0,       0.0);
1019        ( 561311.6, 4326386.0,     114.5,     793.0,       0.0);         ( 561411.6,
            4326386.0,     112.7,     793.0,       0.0);
1020        ( 561511.6, 4326386.0,     111.2,     793.0,       0.0);         ( 561611.6,
            4326386.0,     110.1,     793.0,       0.0);
1021        ( 561711.6, 4326386.0,     108.4,     793.0,       0.0);         ( 561811.6,
            4326386.0,     106.8,     793.0,       0.0);
1022        ( 561911.6, 4326386.0,     105.4,     793.0,       0.0);         ( 562011.6,
            4326386.0,     105.2,     793.0,       0.0);
1023        ( 562111.6, 4326386.0,     105.0,     793.0,       0.0);         ( 562211.6,
            4326386.0,     104.6,     793.0,       0.0);
1024        ( 562311.6, 4326386.0,     104.5,     793.0,       0.0);         ( 562411.6,
            4326386.0,     104.3,     793.0,       0.0);
1025        ( 562511.6, 4326386.0,     104.9,     793.0,       0.0);         ( 562611.6,
            4326386.0,     104.0,     793.0,       0.0);
1026        ( 562711.6, 4326386.0,     103.2,     793.0,       0.0);         ( 562811.6,
            4326386.0,     104.8,     793.0,       0.0);
1027        ( 562911.6, 4326386.0,     104.3,     793.0,       0.0);         ( 563011.6,
            4326386.0,     100.6,     793.0,       0.0);
1028        ( 563111.6, 4326386.0,     101.3,     793.0,       0.0);         ( 563211.6,
            4326386.0,      98.0,     793.0,       0.0);
1029        ( 563311.6, 4326386.0,      96.5,     793.0,       0.0);         ( 563411.6,
            4326386.0,      95.3,     793.0,       0.0);
1030        ( 563511.6, 4326386.0,      94.9,     793.0,       0.0);         ( 563611.6,
            4326386.0,      93.1,     793.0,       0.0);
1031        ( 563711.6, 4326386.0,      91.0,     793.0,       0.0);         ( 563811.6,
            4326386.0,      87.1,     793.0,       0.0);
```

```
1032        ( 563911.6, 4326386.0,      85.3,     793.0,       0.0);         ( 564011.6,
            4326386.0,      84.3,     793.0,       0.0);
1033        ( 564111.6, 4326386.0,      87.1,     793.0,       0.0);         ( 564211.6,
            4326386.0,      82.5,     793.0,       0.0);
1034        ( 564311.6, 4326386.0,      85.4,     793.0,       0.0);         ( 564411.6,
            4326386.0,      92.2,     138.3,       0.0);
1035        ( 564511.6, 4326386.0,      96.3,     138.3,       0.0);         ( 564611.6,
            4326386.0,      95.7,     139.6,       0.0);
1036        ( 564711.6, 4326386.0,      86.5,     149.6,       0.0);         ( 564811.6,
            4326386.0,      98.6,     143.2,       0.0);
1037        ( 564911.6, 4326386.0,      99.3,     143.2,       0.0);         ( 565011.6,
            4326386.0,      93.4,     143.5,       0.0);
1038        ( 565111.6, 4326386.0,      92.1,     143.5,       0.0);         ( 565211.6,
            4326386.0,      95.0,     143.1,       0.0);
1039        ( 565311.6, 4326386.0,      91.0,     143.1,       0.0);         ( 565411.6,
            4326386.0,     107.7,     142.3,       0.0);
1040        ( 565511.6, 4326386.0,     117.3,     138.0,       0.0);         ( 565611.6,
            4326386.0,     126.6,     134.9,       0.0);
1041        ( 565711.6, 4326386.0,     129.5,     129.5,       0.0);         ( 565811.6,
            4326386.0,     112.6,     138.4,       0.0);
1042        ( 565911.6, 4326386.0,     132.1,     136.9,       0.0);         ( 566011.6,
            4326386.0,     130.5,     136.7,       0.0);
1043        ( 566111.6, 4326386.0,     129.1,     136.2,       0.0);         ( 566211.6,
            4326386.0,     134.2,     134.2,       0.0);
1044    FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
        DPM                          ***         11/14/24
1045     *** AERMET - VERSION  19191 ***   *** Met data: Oroville
         2015-2019                                              ***       11:46:05
1046
                                    PAGE  20
1047    *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
1048
1049                                                  *** DISCRETE CARTESIAN RECEPTORS ***
1050                                                 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
1051                                                               (METERS)
1052
1053        ( 566311.6, 4326386.0,     126.7,     135.3,       0.0);         ( 566411.6,
            4326386.0,     126.1,     127.9,       0.0);
1054        ( 566511.6, 4326386.0,     118.2,     127.9,       0.0);         ( 560111.6,
            4326486.0,     192.7,     793.0,       0.0);
1055        ( 560211.6, 4326486.0,     175.4,     793.0,       0.0);         ( 560311.6,
            4326486.0,     176.5,     793.0,       0.0);
1056        ( 560411.6, 4326486.0,     159.3,     793.0,       0.0);         ( 560511.6,
            4326486.0,     140.4,     793.0,       0.0);
1057        ( 560611.6, 4326486.0,     132.5,     793.0,       0.0);         ( 560711.6,
            4326486.0,     129.7,     793.0,       0.0);
1058        ( 560811.6, 4326486.0,     121.8,     793.0,       0.0);         ( 560911.6,
            4326486.0,     121.4,     793.0,       0.0);
1059        ( 561011.6, 4326486.0,     119.8,     793.0,       0.0);         ( 561111.6,
            4326486.0,     118.2,     793.0,       0.0);
1060        ( 561211.6, 4326486.0,     116.4,     793.0,       0.0);         ( 561311.6,
            4326486.0,     114.5,     793.0,       0.0);
1061        ( 561411.6, 4326486.0,     113.1,     793.0,       0.0);         ( 561511.6,
            4326486.0,     111.9,     793.0,       0.0);
1062        ( 561611.6, 4326486.0,     110.3,     793.0,       0.0);         ( 561711.6,
            4326486.0,     108.4,     793.0,       0.0);
1063        ( 561811.6, 4326486.0,     106.8,     793.0,       0.0);         ( 561911.6,
            4326486.0,     105.5,     793.0,       0.0);
1064        ( 562011.6, 4326486.0,     103.7,     793.0,       0.0);         ( 562111.6,
            4326486.0,     103.8,     793.0,       0.0);
1065        ( 562211.6, 4326486.0,     103.4,     793.0,       0.0);         ( 562311.6,
            4326486.0,     103.0,     793.0,       0.0);
1066        ( 562411.6, 4326486.0,     103.0,     793.0,       0.0);         ( 562511.6,
            4326486.0,     102.4,     793.0,       0.0);
1067        ( 562611.6, 4326486.0,     103.7,     793.0,       0.0);         ( 562711.6,
            4326486.0,     102.8,     793.0,       0.0);
```

```
1068        ( 562811.6, 4326486.0,     106.8,     793.0,       0.0);         ( 562911.6,
            4326486.0,     105.7,     793.0,       0.0);
1069        ( 563011.6, 4326486.0,     105.4,     793.0,       0.0);         ( 563111.6,
            4326486.0,     102.9,     793.0,       0.0);
1070        ( 563211.6, 4326486.0,     102.1,     793.0,       0.0);         ( 563311.6,
            4326486.0,     102.6,     793.0,       0.0);
1071        ( 563411.6, 4326486.0,     102.2,     793.0,       0.0);         ( 563511.6,
            4326486.0,      94.7,     793.0,       0.0);
1072        ( 563611.6, 4326486.0,      93.4,     793.0,       0.0);         ( 563711.6,
            4326486.0,      90.8,     793.0,       0.0);
1073        ( 563811.6, 4326486.0,      87.2,     793.0,       0.0);         ( 563911.6,
            4326486.0,      87.2,     793.0,       0.0);
1074        ( 564011.6, 4326486.0,      86.4,     793.0,       0.0);         ( 564111.6,
            4326486.0,      82.5,     793.0,       0.0);
1075        ( 564211.6, 4326486.0,      81.5,     793.0,       0.0);         ( 564311.6,
            4326486.0,      82.4,     793.0,       0.0);
1076        ( 564411.6, 4326486.0,      86.9,     138.3,       0.0);         ( 564511.6,
            4326486.0,      88.9,     138.0,       0.0);
1077        ( 564611.6, 4326486.0,      89.2,     139.0,       0.0);         ( 564711.6,
            4326486.0,      86.6,     143.2,       0.0);
1078        ( 564811.6, 4326486.0,      86.2,     143.5,       0.0);         ( 564911.6,
            4326486.0,      78.8,     143.5,       0.0);
1079        ( 565011.6, 4326486.0,      80.9,     143.5,       0.0);         ( 565111.6,
            4326486.0,      83.0,     143.5,       0.0);
1080        ( 565211.6, 4326486.0,      85.1,     143.1,       0.0);         ( 565311.6,
            4326486.0,      82.3,     143.1,       0.0);
1081        ( 565411.6, 4326486.0,      77.8,     143.1,       0.0);         ( 565511.6,
            4326486.0,      81.2,     143.1,       0.0);
1082        ( 565611.6, 4326486.0,     102.6,     138.4,       0.0);         ( 565711.6,
            4326486.0,     103.9,     138.4,       0.0);
1083        ( 565811.6, 4326486.0,      96.5,     141.5,       0.0);         ( 565911.6,
            4326486.0,     112.8,     137.0,       0.0);
1084        ( 566011.6, 4326486.0,     116.6,     137.0,       0.0);         ( 566111.6,
            4326486.0,     111.7,     137.0,       0.0);
1085        ( 566211.6, 4326486.0,     120.8,     135.3,       0.0);         ( 566311.6,
            4326486.0,     117.0,     135.3,       0.0);
1086        ( 566411.6, 4326486.0,     111.8,     135.3,       0.0);         ( 566511.6,
            4326486.0,     103.8,     135.3,       0.0);
1087        ( 560111.6, 4326586.0,     197.1,     793.0,       0.0);         ( 560211.6,
            4326586.0,     192.0,     793.0,       0.0);
1088        ( 560311.6, 4326586.0,     174.0,     793.0,       0.0);         ( 560411.6,
            4326586.0,     158.8,     793.0,       0.0);
1089        ( 560511.6, 4326586.0,     138.4,     793.0,       0.0);         ( 560611.6,
            4326586.0,     130.0,     793.0,       0.0);
1090        ( 560711.6, 4326586.0,     127.1,     793.0,       0.0);         ( 560811.6,
            4326586.0,     119.4,     793.0,       0.0);
1091        ( 560911.6, 4326586.0,     122.8,     793.0,       0.0);         ( 561011.6,
            4326586.0,     118.9,     793.0,       0.0);
1092        ( 561111.6, 4326586.0,     116.6,     793.0,       0.0);         ( 561211.6,
            4326586.0,     115.7,     793.0,       0.0);
1093        ( 561311.6, 4326586.0,     114.1,     793.0,       0.0);         ( 561411.6,
            4326586.0,     112.7,     793.0,       0.0);
1094        ( 561511.6, 4326586.0,     111.5,     793.0,       0.0);         ( 561611.6,
            4326586.0,     109.9,     793.0,       0.0);
1095        ( 561711.6, 4326586.0,     108.1,     793.0,       0.0);         ( 561811.6,
            4326586.0,     106.7,     793.0,       0.0);
1096        ( 561911.6, 4326586.0,     105.1,     793.0,       0.0);         ( 562011.6,
            4326586.0,     103.8,     793.0,       0.0);
1097        ( 564611.6, 4326586.0,      83.7,     138.9,       0.0);         ( 564711.6,
            4326586.0,      88.4,     137.2,       0.0);
1098    FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
        DPM                        ***        11/14/24
1099     *** AERMET - VERSION  19191 ***   *** Met data: Oroville
         2015-2019                                        ***       11:46:05
1100
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(564811.6, 4326586.0, 82.7, 143.1, 0.0); (564911.6, 4326586.0, 77.8, 143.5, 0.0);
(565011.6, 4326586.0, 75.4, 143.5, 0.0); (565111.6, 4326586.0, 74.2, 143.5, 0.0);
(565211.6, 4326586.0, 72.8, 143.5, 0.0); (565311.6, 4326586.0, 74.5, 143.1, 0.0);
(565411.6, 4326586.0, 73.8, 143.1, 0.0); (565511.6, 4326586.0, 72.6, 143.1, 0.0);
(565611.6, 4326586.0, 71.7, 143.1, 0.0); (565711.6, 4326586.0, 73.1, 143.1, 0.0);
(565811.6, 4326586.0, 76.4, 143.1, 0.0); (565911.6, 4326586.0, 77.1, 143.1, 0.0);
(566011.6, 4326586.0, 77.1, 142.7, 0.0); (566111.6, 4326586.0, 81.6, 141.2, 0.0);
(566211.6, 4326586.0, 101.1, 137.0, 0.0); (566311.6, 4326586.0, 110.5, 135.3, 0.0);
(566411.6, 4326586.0, 110.5, 128.1, 0.0); (566511.6, 4326586.0, 114.4, 122.3, 0.0);
(560111.6, 4326686.0, 235.7, 793.0, 0.0); (560211.6, 4326686.0, 209.2, 793.0, 0.0);
(560311.6, 4326686.0, 169.9, 793.0, 0.0); (560411.6, 4326686.0, 155.8, 793.0, 0.0);
(560511.6, 4326686.0, 133.9, 793.0, 0.0); (560611.6, 4326686.0, 127.6, 793.0, 0.0);
(560711.6, 4326686.0, 124.3, 793.0, 0.0); (560811.6, 4326686.0, 121.1, 793.0, 0.0);
(560911.6, 4326686.0, 124.8, 793.0, 0.0); (561011.6, 4326686.0, 116.8, 793.0, 0.0);
(561111.6, 4326686.0, 115.0, 793.0, 0.0); (561211.6, 4326686.0, 114.1, 793.0, 0.0);
(561311.6, 4326686.0, 113.4, 793.0, 0.0); (561411.6, 4326686.0, 111.3, 793.0, 0.0);
(561511.6, 4326686.0, 110.4, 793.0, 0.0); (561611.6, 4326686.0, 109.2, 793.0, 0.0);
(561711.6, 4326686.0, 107.7, 793.0, 0.0); (561811.6, 4326686.0, 106.2, 793.0, 0.0);
(561911.6, 4326686.0, 104.7, 793.0, 0.0); (562011.6, 4326686.0, 103.2, 793.0, 0.0);
(564611.6, 4326686.0, 77.6, 137.2, 0.0); (564711.6, 4326686.0, 77.5, 138.9, 0.0);
(564811.6, 4326686.0, 80.7, 137.1, 0.0); (564911.6, 4326686.0, 76.4, 142.4, 0.0);
(565011.6, 4326686.0, 74.6, 142.4, 0.0); (565111.6, 4326686.0, 73.5, 142.4, 0.0);
(565211.6, 4326686.0, 72.8, 143.1, 0.0); (565311.6, 4326686.0, 72.2, 143.1, 0.0);
(565411.6, 4326686.0, 71.7, 143.1, 0.0); (565511.6, 4326686.0, 71.1, 143.1, 0.0);
(565611.6, 4326686.0, 70.1, 143.1, 0.0); (565711.6, 4326686.0, 69.8, 143.1, 0.0);
(565811.6, 4326686.0, 69.3, 143.1, 0.0); (565911.6, 4326686.0, 68.9, 143.1, 0.0);
(566011.6, 4326686.0, 69.7, 141.5, 0.0); (566111.6, 4326686.0, 71.4, 141.5, 0.0);
(566211.6, 4326686.0, 70.4, 140.2, 0.0); (566311.6, 4326686.0, 72.1, 137.0, 0.0);
(566411.6, 4326686.0, 83.1, 136.2, 0.0); (566511.6, 4326686.0, 112.1, 122.3, 0.0);
(560111.6, 4326786.0, 249.4, 793.0, 0.0); (560211.6, 4326786.0, 200.2, 793.0, 0.0);

```
1137        ( 560311.6, 4326786.0,     164.9,     793.0,       0.0);         ( 560411.6,
            4326786.0,     148.8,     793.0,       0.0);
1138        ( 560511.6, 4326786.0,     133.9,     793.0,       0.0);         ( 560611.6,
            4326786.0,     127.1,     793.0,       0.0);
1139        ( 560711.6, 4326786.0,     123.0,     793.0,       0.0);         ( 560811.6,
            4326786.0,     119.7,     793.0,       0.0);
1140        ( 560911.6, 4326786.0,     117.1,     793.0,       0.0);         ( 561011.6,
            4326786.0,     114.4,     793.0,       0.0);
1141        ( 561111.6, 4326786.0,     113.4,     793.0,       0.0);         ( 561211.6,
            4326786.0,     112.5,     793.0,       0.0);
1142        ( 561311.6, 4326786.0,     111.8,     793.0,       0.0);         ( 561411.6,
            4326786.0,     110.5,     793.0,       0.0);
1143        ( 561511.6, 4326786.0,     110.2,     793.0,       0.0);         ( 561611.6,
            4326786.0,     108.7,     793.0,       0.0);
1144        ( 561711.6, 4326786.0,     107.0,     793.0,       0.0);         ( 561811.6,
            4326786.0,     105.5,     793.0,       0.0);
1145        ( 561911.6, 4326786.0,     104.1,     793.0,       0.0);         ( 562011.6,
            4326786.0,     102.6,     793.0,       0.0);
1146        ( 564611.6, 4326786.0,      77.3,     136.8,       0.0);         ( 564711.6,
            4326786.0,      76.5,     137.1,       0.0);
1147        ( 564811.6, 4326786.0,      75.8,     137.1,       0.0);         ( 564911.6,
            4326786.0,      75.2,     137.1,       0.0);
1148        ( 565011.6, 4326786.0,      74.3,     137.1,       0.0);         ( 565111.6,
            4326786.0,      73.5,     137.1,       0.0);
1149        ( 565211.6, 4326786.0,      72.7,     137.1,       0.0);         ( 565311.6,
            4326786.0,      72.0,     138.0,       0.0);
1150        ( 565411.6, 4326786.0,      71.6,     141.8,       0.0);         ( 565511.6,
            4326786.0,      70.7,     142.4,       0.0);
1151        ( 565611.6, 4326786.0,      69.9,     143.1,       0.0);         ( 565711.6,
            4326786.0,      69.7,     143.1,       0.0);
1152    FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
        DPM                          ***         11/14/24
1153     *** AERMET - VERSION  19191 ***   *** Met data: Oroville
         2015-2019                                          ***       11:46:05
1154
                                    PAGE  22
1155     *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
1156
1157                                              *** DISCRETE CARTESIAN RECEPTORS ***
1158                                            (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
1159                                                        (METERS)
1160
1161        ( 565811.6, 4326786.0,      69.1,     141.4,       0.0);         ( 565911.6,
            4326786.0,      68.4,     141.4,       0.0);
1162        ( 566011.6, 4326786.0,      67.7,     140.3,       0.0);         ( 566111.6,
            4326786.0,      65.7,     138.4,       0.0);
1163        ( 566211.6, 4326786.0,      67.2,     137.0,       0.0);         ( 566311.6,
            4326786.0,      67.0,     137.0,       0.0);
1164        ( 566411.6, 4326786.0,      68.6,     137.0,       0.0);         ( 566511.6,
            4326786.0,      73.8,     136.2,       0.0);
1165        ( 560111.6, 4326886.0,     228.8,     793.0,       0.0);         ( 560211.6,
            4326886.0,     195.0,     793.0,       0.0);
1166        ( 560311.6, 4326886.0,     165.8,     793.0,       0.0);         ( 560411.6,
            4326886.0,     149.3,     793.0,       0.0);
1167        ( 560511.6, 4326886.0,     131.1,     793.0,       0.0);         ( 560611.6,
            4326886.0,     125.1,     793.0,       0.0);
1168        ( 560711.6, 4326886.0,     120.2,     793.0,       0.0);         ( 560811.6,
            4326886.0,     116.8,     793.0,       0.0);
1169        ( 560911.6, 4326886.0,     114.4,     793.0,       0.0);         ( 561011.6,
            4326886.0,     112.9,     793.0,       0.0);
1170        ( 561111.6, 4326886.0,     111.9,     793.0,       0.0);         ( 561211.6,
            4326886.0,     111.1,     793.0,       0.0);
1171        ( 561311.6, 4326886.0,     110.5,     793.0,       0.0);         ( 561411.6,
            4326886.0,     109.3,     793.0,       0.0);
1172        ( 561511.6, 4326886.0,     109.0,     793.0,       0.0);         ( 561611.6,
            4326886.0,     108.3,     793.0,       0.0);
```

```
1173        ( 561711.6, 4326886.0,     106.8,     793.0,       0.0);         ( 561811.6,
            4326886.0,     104.8,     793.0,       0.0);
1174        ( 561911.6, 4326886.0,     103.3,     793.0,       0.0);         ( 562011.6,
            4326886.0,     102.0,     793.0,       0.0);
1175        ( 564611.6, 4326886.0,      77.3,      77.3,       0.0);         ( 564711.6,
            4326886.0,      76.6,      76.6,       0.0);
1176        ( 564811.6, 4326886.0,      75.8,      75.8,       0.0);         ( 564911.6,
            4326886.0,      75.0,      75.0,       0.0);
1177        ( 565011.6, 4326886.0,      74.6,     106.7,       0.0);         ( 565111.6,
            4326886.0,      73.6,     106.7,       0.0);
1178        ( 565211.6, 4326886.0,      73.0,     106.7,       0.0);         ( 565311.6,
            4326886.0,      72.2,     134.9,       0.0);
1179        ( 565411.6, 4326886.0,      71.2,     138.0,       0.0);         ( 565511.6,
            4326886.0,      70.8,     138.0,       0.0);
1180        ( 565611.6, 4326886.0,      70.4,     138.0,       0.0);         ( 565711.6,
            4326886.0,      69.8,     138.4,       0.0);
1181        ( 565811.6, 4326886.0,      68.8,     138.0,       0.0);         ( 565911.6,
            4326886.0,      68.0,     138.0,       0.0);
1182        ( 566011.6, 4326886.0,      67.4,     137.0,       0.0);         ( 566111.6,
            4326886.0,      67.0,     137.0,       0.0);
1183        ( 566211.6, 4326886.0,      66.0,     137.0,       0.0);         ( 566311.6,
            4326886.0,      65.4,     137.0,       0.0);
1184        ( 566411.6, 4326886.0,      65.0,     137.0,       0.0);         ( 566511.6,
            4326886.0,      65.0,     136.2,       0.0);
1185        ( 560111.6, 4326986.0,     228.3,     793.0,       0.0);         ( 560211.6,
            4326986.0,     193.0,     793.0,       0.0);
1186        ( 560311.6, 4326986.0,     161.1,     793.0,       0.0);         ( 560411.6,
            4326986.0,     141.9,     793.0,       0.0);
1187        ( 560511.6, 4326986.0,     130.4,     793.0,       0.0);         ( 560611.6,
            4326986.0,     122.8,     793.0,       0.0);
1188        ( 560711.6, 4326986.0,     118.6,     793.0,       0.0);         ( 560811.6,
            4326986.0,     114.8,     793.0,       0.0);
1189        ( 560911.6, 4326986.0,     112.6,     793.0,       0.0);         ( 561011.6,
            4326986.0,     111.4,     793.0,       0.0);
1190        ( 561111.6, 4326986.0,     110.5,     793.0,       0.0);         ( 561211.6,
            4326986.0,     109.6,     793.0,       0.0);
1191        ( 561311.6, 4326986.0,     108.8,     793.0,       0.0);         ( 561411.6,
            4326986.0,     107.7,     793.0,       0.0);
1192        ( 561511.6, 4326986.0,     107.2,     793.0,       0.0);         ( 561611.6,
            4326986.0,     106.9,     793.0,       0.0);
1193        ( 561711.6, 4326986.0,     106.0,     793.0,       0.0);         ( 561811.6,
            4326986.0,     104.7,     793.0,       0.0);
1194        ( 561911.6, 4326986.0,     102.9,     793.0,       0.0);         ( 562011.6,
            4326986.0,     101.4,     793.0,       0.0);
1195        ( 564611.6, 4326986.0,      77.3,      99.6,       0.0);         ( 564711.6,
            4326986.0,      76.5,     111.0,       0.0);
1196        ( 564811.6, 4326986.0,      75.6,     111.5,       0.0);         ( 564911.6,
            4326986.0,      75.4,     111.5,       0.0);
1197        ( 565011.6, 4326986.0,      74.7,     111.2,       0.0);         ( 565111.6,
            4326986.0,      79.6,     106.7,       0.0);
1198        ( 565211.6, 4326986.0,      82.8,     106.7,       0.0);         ( 565311.6,
            4326986.0,      79.8,     106.7,       0.0);
1199        ( 565411.6, 4326986.0,      77.4,     106.7,       0.0);         ( 565511.6,
            4326986.0,      75.5,     106.6,       0.0);
1200        ( 565611.6, 4326986.0,      74.2,      96.4,       0.0);         ( 565711.6,
            4326986.0,      72.7,     131.2,       0.0);
1201        ( 565811.6, 4326986.0,      69.2,     137.0,       0.0);         ( 565911.6,
            4326986.0,      68.1,     137.0,       0.0);
1202        ( 566011.6, 4326986.0,      67.2,     137.0,       0.0);         ( 566111.6,
            4326986.0,      66.6,     137.0,       0.0);
1203        ( 566211.6, 4326986.0,      66.0,     137.0,       0.0);         ( 566311.6,
            4326986.0,      65.5,     136.2,       0.0);
1204        ( 566411.6, 4326986.0,      64.5,     136.2,       0.0);         ( 566511.6,
            4326986.0,      63.9,     135.3,       0.0);
1205        ( 560111.6, 4327086.0,     224.7,     793.0,       0.0);         ( 560211.6,
            4327086.0,     189.2,     793.0,       0.0);
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(560311.6, 4327086.0, 161.8, 793.0, 0.0); (560411.6, 4327086.0, 140.5, 793.0, 0.0);
(560511.6, 4327086.0, 127.7, 793.0, 0.0); (560611.6, 4327086.0, 120.7, 793.0, 0.0);
(560711.6, 4327086.0, 116.3, 793.0, 0.0); (560811.6, 4327086.0, 113.4, 793.0, 0.0);
(560911.6, 4327086.0, 110.9, 793.0, 0.0); (561011.6, 4327086.0, 109.9, 793.0, 0.0);
(561111.6, 4327086.0, 109.0, 793.0, 0.0); (561211.6, 4327086.0, 108.1, 793.0, 0.0);
(561311.6, 4327086.0, 107.3, 793.0, 0.0); (561411.6, 4327086.0, 106.2, 793.0, 0.0);
(561511.6, 4327086.0, 105.3, 793.0, 0.0); (561611.6, 4327086.0, 105.0, 793.0, 0.0);
(561711.6, 4327086.0, 104.8, 793.0, 0.0); (561811.6, 4327086.0, 103.7, 793.0, 0.0);
(561911.6, 4327086.0, 102.2, 793.0, 0.0); (562011.6, 4327086.0, 100.7, 793.0, 0.0);
(564611.6, 4327086.0, 77.3, 111.1, 0.0); (564711.6, 4327086.0, 76.8, 112.5, 0.0);
(564811.6, 4327086.0, 76.1, 112.5, 0.0); (564911.6, 4327086.0, 78.1, 112.5, 0.0);
(565011.6, 4327086.0, 79.6, 111.9, 0.0); (565111.6, 4327086.0, 93.5, 106.7, 0.0);
(565211.6, 4327086.0, 104.5, 104.5, 0.0); (565311.6, 4327086.0, 94.3, 105.4, 0.0);
(565411.6, 4327086.0, 87.0, 106.7, 0.0); (565511.6, 4327086.0, 83.1, 106.6, 0.0);
(565611.6, 4327086.0, 87.5, 93.6, 0.0); (565711.6, 4327086.0, 77.4, 101.4, 0.0);
(565811.6, 4327086.0, 75.3, 101.4, 0.0); (565911.6, 4327086.0, 72.6, 105.6, 0.0);
(566011.6, 4327086.0, 77.4, 89.5, 0.0); (566111.6, 4327086.0, 70.6, 106.0, 0.0);
(566211.6, 4327086.0, 66.6, 134.4, 0.0); (566311.6, 4327086.0, 65.1, 134.4, 0.0);
(566411.6, 4327086.0, 64.3, 122.3, 0.0); (566511.6, 4327086.0, 63.7, 122.3, 0.0);
(560111.6, 4327186.0, 217.8, 793.0, 0.0); (560211.6, 4327186.0, 202.0, 793.0, 0.0);
(560311.6, 4327186.0, 156.2, 793.0, 0.0); (560411.6, 4327186.0, 135.9, 793.0, 0.0);
(560511.6, 4327186.0, 126.3, 793.0, 0.0); (560611.6, 4327186.0, 120.1, 793.0, 0.0);
(560711.6, 4327186.0, 113.5, 793.0, 0.0); (560811.6, 4327186.0, 113.8, 793.0, 0.0);
(560911.6, 4327186.0, 109.4, 793.0, 0.0); (561011.6, 4327186.0, 108.4, 793.0, 0.0);
(561111.6, 4327186.0, 107.4, 793.0, 0.0); (561211.6, 4327186.0, 106.6, 793.0, 0.0);
(561311.6, 4327186.0, 105.7, 793.0, 0.0); (561411.6, 4327186.0, 104.6, 793.0, 0.0);
(561511.6, 4327186.0, 104.3, 793.0, 0.0); (561611.6, 4327186.0, 103.9, 793.0, 0.0);

```
1242        ( 561711.6, 4327186.0,     103.4,     793.0,       0.0);         ( 561811.6,
            4327186.0,     102.3,     793.0,       0.0);
1243        ( 561911.6, 4327186.0,     101.4,     793.0,       0.0);         ( 562011.6,
            4327186.0,      99.9,     793.0,       0.0);
1244        ( 564611.6, 4327186.0,      81.5,     112.1,       0.0);         ( 564711.6,
            4327186.0,      79.4,     113.2,       0.0);
1245        ( 564811.6, 4327186.0,      90.0,     112.3,       0.0);         ( 564911.6,
            4327186.0,      92.1,     112.0,       0.0);
1246        ( 565011.6, 4327186.0,      96.6,     109.5,       0.0);         ( 565111.6,
            4327186.0,      98.9,     100.7,       0.0);
1247        ( 565211.6, 4327186.0,      85.9,     106.8,       0.0);         ( 565311.6,
            4327186.0,      96.0,     106.7,       0.0);
1248        ( 565411.6, 4327186.0,      97.7,     106.6,       0.0);         ( 565511.6,
            4327186.0,      88.0,     106.7,       0.0);
1249        ( 565611.6, 4327186.0,      76.8,     106.7,       0.0);         ( 565711.6,
            4327186.0,      84.5,     102.5,       0.0);
1250        ( 565811.6, 4327186.0,      86.0,     100.6,       0.0);         ( 565911.6,
            4327186.0,      87.7,      99.8,       0.0);
1251        ( 566011.6, 4327186.0,      85.9,     101.8,       0.0);         ( 566111.6,
            4327186.0,      78.7,     106.1,       0.0);
1252        ( 566211.6, 4327186.0,      76.1,     104.9,       0.0);         ( 566311.6,
            4327186.0,      71.1,      71.1,       0.0);
1253        ( 566411.6, 4327186.0,      66.7,     121.6,       0.0);         ( 566511.6,
            4327186.0,      64.1,     122.3,       0.0);
1254        ( 560111.6, 4327286.0,     221.1,     793.0,       0.0);         ( 560211.6,
            4327286.0,     181.4,     793.0,       0.0);
1255        ( 560311.6, 4327286.0,     151.9,     793.0,       0.0);         ( 560411.6,
            4327286.0,     137.5,     793.0,       0.0);
1256        ( 560511.6, 4327286.0,     123.1,     793.0,       0.0);         ( 560611.6,
            4327286.0,     117.3,     793.0,       0.0);
1257        ( 560711.6, 4327286.0,     110.5,     793.0,       0.0);         ( 560811.6,
            4327286.0,     110.8,     793.0,       0.0);
1258        ( 560911.6, 4327286.0,     107.9,     793.0,       0.0);         ( 561011.6,
            4327286.0,     106.9,     793.0,       0.0);
1259        ( 561111.6, 4327286.0,     106.0,     793.0,       0.0);         ( 561211.6,
            4327286.0,     105.1,     793.0,       0.0);
1260    FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
        DPM                        ***         11/14/24
1261     *** AERMET - VERSION  19191 ***   *** Met data: Oroville
         2015-2019                                          ***        11:46:05
1262
                                    PAGE  24
1263     *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
1264
1265                                                 *** DISCRETE CARTESIAN RECEPTORS ***
1266                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
1267                                                            (METERS)
1268
1269        ( 561311.6, 4327286.0,     104.3,     793.0,       0.0);         ( 561411.6,
            4327286.0,     103.5,     793.0,       0.0);
1270        ( 561511.6, 4327286.0,     103.0,     793.0,       0.0);         ( 561611.6,
            4327286.0,     102.6,     793.0,       0.0);
1271        ( 561711.6, 4327286.0,     101.9,     793.0,       0.0);         ( 561811.6,
            4327286.0,     101.0,     793.0,       0.0);
1272        ( 561911.6, 4327286.0,     100.2,     793.0,       0.0);         ( 562011.6,
            4327286.0,      98.9,     793.0,       0.0);
1273        ( 564611.6, 4327286.0,      89.2,      98.5,       0.0);         ( 564711.6,
            4327286.0,      84.6,     113.7,       0.0);
1274        ( 564811.6, 4327286.0,     103.9,     111.8,       0.0);         ( 564911.6,
            4327286.0,     109.3,     109.3,       0.0);
1275        ( 565011.6, 4327286.0,     101.3,     101.7,       0.0);         ( 565111.6,
            4327286.0,      94.7,     106.8,       0.0);
1276        ( 565211.6, 4327286.0,     101.8,     106.1,       0.0);         ( 565311.6,
            4327286.0,     105.1,     105.1,       0.0);
1277        ( 565411.6, 4327286.0,     104.7,     104.7,       0.0);         ( 565511.6,
            4327286.0,      83.5,     106.7,       0.0);
```

```
1278        ( 565611.6, 4327286.0,      85.4,     105.9,       0.0);         ( 565711.6,
            4327286.0,      97.6,     100.6,       0.0);
1279        ( 565811.6, 4327286.0,      98.1,     100.5,       0.0);         ( 565911.6,
            4327286.0,      87.5,     106.1,       0.0);
1280        ( 566011.6, 4327286.0,      93.1,     105.8,       0.0);         ( 566111.6,
            4327286.0,      84.6,     106.1,       0.0);
1281        ( 566211.6, 4327286.0,      79.7,     106.1,       0.0);         ( 566311.6,
            4327286.0,      72.5,     105.9,       0.0);
1282        ( 566411.6, 4327286.0,      73.2,      73.2,       0.0);         ( 566511.6,
            4327286.0,      67.3,      73.7,       0.0);
1283        ( 560111.6, 4327386.0,     198.9,     793.0,       0.0);         ( 560211.6,
            4327386.0,     164.5,     793.0,       0.0);
1284        ( 560311.6, 4327386.0,     146.4,     793.0,       0.0);         ( 560411.6,
            4327386.0,     133.8,     793.0,       0.0);
1285        ( 560511.6, 4327386.0,     118.8,     793.0,       0.0);         ( 560611.6,
            4327386.0,     114.2,     793.0,       0.0);
1286        ( 560711.6, 4327386.0,     109.6,     793.0,       0.0);         ( 560811.6,
            4327386.0,     113.2,     793.0,       0.0);
1287        ( 560911.6, 4327386.0,     106.5,     793.0,       0.0);         ( 561011.6,
            4327386.0,     105.5,     793.0,       0.0);
1288        ( 561111.6, 4327386.0,     104.6,     793.0,       0.0);         ( 561211.6,
            4327386.0,     103.8,     793.0,       0.0);
1289        ( 561311.6, 4327386.0,     103.1,     793.0,       0.0);         ( 561411.6,
            4327386.0,     102.7,     793.0,       0.0);
1290        ( 561511.6, 4327386.0,     101.9,     793.0,       0.0);         ( 561611.6,
            4327386.0,     101.5,     793.0,       0.0);
1291        ( 561711.6, 4327386.0,     100.8,     793.0,       0.0);         ( 561811.6,
            4327386.0,      99.9,     793.0,       0.0);
1292        ( 561911.6, 4327386.0,      99.1,     793.0,       0.0);         ( 562011.6,
            4327386.0,      98.1,     793.0,       0.0);
1293        ( 564611.6, 4327386.0,      98.8,      98.8,       0.0);         ( 564711.6,
            4327386.0,      85.1,     113.7,       0.0);
1294        ( 564811.6, 4327386.0,     107.9,     112.5,       0.0);         ( 564911.6,
            4327386.0,     106.1,     112.0,       0.0);
1295        ( 565011.6, 4327386.0,      96.9,     110.2,       0.0);         ( 565111.6,
            4327386.0,     101.0,     107.4,       0.0);
1296        ( 565211.6, 4327386.0,     106.4,     106.4,       0.0);         ( 565311.6,
            4327386.0,      96.2,     106.7,       0.0);
1297        ( 565411.6, 4327386.0,      87.2,     106.8,       0.0);         ( 565511.6,
            4327386.0,      89.7,     108.5,       0.0);
1298        ( 565611.6, 4327386.0,      95.1,     106.4,       0.0);         ( 565711.6,
            4327386.0,     102.8,     102.8,       0.0);
1299        ( 565811.6, 4327386.0,     100.8,     100.8,       0.0);         ( 565911.6,
            4327386.0,      93.8,     106.1,       0.0);
1300        ( 566011.6, 4327386.0,     104.4,     104.4,       0.0);         ( 566111.6,
            4327386.0,      96.0,      96.0,       0.0);
1301        ( 566211.6, 4327386.0,      85.8,     105.6,       0.0);         ( 566311.6,
            4327386.0,      79.4,      79.4,       0.0);
1302        ( 566411.6, 4327386.0,      74.7,      74.7,       0.0);         ( 566511.6,
            4327386.0,      76.1,      76.1,       0.0);
1303        ( 560111.6, 4327486.0,     206.3,     793.0,       0.0);         ( 560211.6,
            4327486.0,     169.9,     793.0,       0.0);
1304        ( 560311.6, 4327486.0,     147.1,     793.0,       0.0);         ( 560411.6,
            4327486.0,     127.4,     793.0,       0.0);
1305        ( 560511.6, 4327486.0,     118.8,     793.0,       0.0);         ( 560611.6,
            4327486.0,     111.4,     793.0,       0.0);
1306        ( 560711.6, 4327486.0,     111.5,     793.0,       0.0);         ( 560811.6,
            4327486.0,     106.9,     793.0,       0.0);
1307        ( 560911.6, 4327486.0,     105.1,     793.0,       0.0);         ( 561011.6,
            4327486.0,     104.2,     793.0,       0.0);
1308        ( 561111.6, 4327486.0,     103.3,     793.0,       0.0);         ( 561211.6,
            4327486.0,     102.5,     793.0,       0.0);
1309        ( 561311.6, 4327486.0,     101.8,     793.0,       0.0);         ( 561411.6,
            4327486.0,     101.3,     793.0,       0.0);
1310        ( 561511.6, 4327486.0,     100.8,     793.0,       0.0);         ( 561611.6,
            4327486.0,     100.3,     793.0,       0.0);
```

```
1311        ( 561711.6, 4327486.0,      99.5,     793.0,       0.0);         ( 561811.6,
            4327486.0,      98.8,     793.0,       0.0);
1312        ( 561911.6, 4327486.0,      98.1,     793.0,       0.0);         ( 562011.6,
            4327486.0,      97.4,     793.0,       0.0);
1313        ( 564611.6, 4327486.0,      88.7,     113.7,       0.0);         ( 564711.6,
            4327486.0,      98.0,     113.7,       0.0);
1314    FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
        DPM                          ***         11/14/24
1315     *** AERMET - VERSION  19191 ***   *** Met data: Oroville
         2015-2019                                          ***        11:46:05
1316
                                      PAGE  25
1317     *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
1318
1319                                                  *** DISCRETE CARTESIAN RECEPTORS ***
1320                                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
1321                                                          (METERS)
1322
1323        ( 564811.6, 4327486.0,     112.4,     112.4,       0.0);         ( 564911.6,
            4327486.0,     102.4,     112.9,       0.0);
1324        ( 565011.6, 4327486.0,     100.9,     111.9,       0.0);         ( 565111.6,
            4327486.0,     109.1,     110.7,       0.0);
1325        ( 565211.6, 4327486.0,     104.4,     107.6,       0.0);         ( 565311.6,
            4327486.0,      95.9,     107.6,       0.0);
1326        ( 565411.6, 4327486.0,      86.5,     109.3,       0.0);         ( 565511.6,
            4327486.0,      90.0,     110.0,       0.0);
1327        ( 565611.6, 4327486.0,     104.0,     106.4,       0.0);         ( 565711.6,
            4327486.0,     107.2,     108.6,       0.0);
1328        ( 565811.6, 4327486.0,     104.0,     109.4,       0.0);         ( 565911.6,
            4327486.0,      91.9,     109.9,       0.0);
1329        ( 566011.6, 4327486.0,     102.8,     104.1,       0.0);         ( 566111.6,
            4327486.0,      94.9,     101.1,       0.0);
1330        ( 566211.6, 4327486.0,      89.1,      96.0,       0.0);         ( 566311.6,
            4327486.0,      81.3,      96.5,       0.0);
1331        ( 566411.6, 4327486.0,      73.4,      95.7,       0.0);         ( 566511.6,
            4327486.0,      78.1,      78.1,       0.0);
1332        ( 560111.6, 4327586.0,     188.6,     793.0,       0.0);         ( 560211.6,
            4327586.0,     156.7,     793.0,       0.0);
1333        ( 560311.6, 4327586.0,     138.0,     793.0,       0.0);         ( 560411.6,
            4327586.0,     123.7,     793.0,       0.0);
1334        ( 560511.6, 4327586.0,     115.4,     793.0,       0.0);         ( 560611.6,
            4327586.0,     110.5,     793.0,       0.0);
1335        ( 560711.6, 4327586.0,     107.5,     793.0,       0.0);         ( 560811.6,
            4327586.0,     105.6,     793.0,       0.0);
1336        ( 560911.6, 4327586.0,     103.7,     793.0,       0.0);         ( 561011.6,
            4327586.0,     102.7,     793.0,       0.0);
1337        ( 561111.6, 4327586.0,     101.9,     793.0,       0.0);         ( 561211.6,
            4327586.0,     101.1,     793.0,       0.0);
1338        ( 561311.6, 4327586.0,     100.6,     793.0,       0.0);         ( 561411.6,
            4327586.0,     100.2,     793.0,       0.0);
1339        ( 561511.6, 4327586.0,      99.8,     793.0,       0.0);         ( 561611.6,
            4327586.0,      99.2,     793.0,       0.0);
1340        ( 561711.6, 4327586.0,      98.5,     793.0,       0.0);         ( 561811.6,
            4327586.0,      97.6,     793.0,       0.0);
1341        ( 561911.6, 4327586.0,      96.8,     793.0,       0.0);         ( 562011.6,
            4327586.0,      96.3,     793.0,       0.0);
1342        ( 564611.6, 4327586.0,      94.2,     114.9,       0.0);         ( 564711.6,
            4327586.0,     101.9,     113.7,       0.0);
1343        ( 564811.6, 4327586.0,     110.2,     113.3,       0.0);         ( 564911.6,
            4327586.0,      99.5,     113.7,       0.0);
1344        ( 565011.6, 4327586.0,     103.1,     108.6,       0.0);         ( 565111.6,
            4327586.0,     101.2,     112.8,       0.0);
1345        ( 565211.6, 4327586.0,      89.9,     117.8,       0.0);         ( 565311.6,
            4327586.0,     100.4,     109.3,       0.0);
1346        ( 565411.6, 4327586.0,     103.5,     104.8,       0.0);         ( 565511.6,
            4327586.0,      90.9,     117.5,       0.0);
```

```
1347        ( 565611.6, 4327586.0,     104.5,     108.8,       0.0);         ( 565711.6,
            4327586.0,     101.0,     113.1,       0.0);
1348        ( 565811.6, 4327586.0,      95.6,     113.2,       0.0);         ( 565911.6,
            4327586.0,      96.7,     112.6,       0.0);
1349        ( 566011.6, 4327586.0,     101.3,     101.3,       0.0);         ( 566111.6,
            4327586.0,      97.3,      99.4,       0.0);
1350        ( 566211.6, 4327586.0,      92.1,      97.1,       0.0);         ( 566311.6,
            4327586.0,      77.0,     101.0,       0.0);
1351        ( 566411.6, 4327586.0,      79.9,      79.9,       0.0);         ( 566511.6,
            4327586.0,      73.9,      80.1,       0.0);
1352        ( 560111.6, 4327686.0,     180.9,     793.0,       0.0);         ( 560211.6,
            4327686.0,     151.8,     793.0,       0.0);
1353        ( 560311.6, 4327686.0,     135.5,     793.0,       0.0);         ( 560411.6,
            4327686.0,     122.3,     793.0,       0.0);
1354        ( 560511.6, 4327686.0,     114.5,     793.0,       0.0);         ( 560611.6,
            4327686.0,     109.4,     793.0,       0.0);
1355        ( 560711.6, 4327686.0,     107.4,     793.0,       0.0);         ( 560811.6,
            4327686.0,     105.8,     793.0,       0.0);
1356        ( 560911.6, 4327686.0,     103.6,     793.0,       0.0);         ( 561011.6,
            4327686.0,     101.9,     793.0,       0.0);
1357        ( 561111.6, 4327686.0,     100.8,     793.0,       0.0);         ( 561211.6,
            4327686.0,     100.0,     793.0,       0.0);
1358        ( 561311.6, 4327686.0,      99.6,     793.0,       0.0);         ( 561411.6,
            4327686.0,      99.1,     793.0,       0.0);
1359        ( 561511.6, 4327686.0,      98.8,     793.0,       0.0);         ( 561611.6,
            4327686.0,      98.1,     793.0,       0.0);
1360        ( 561711.6, 4327686.0,      97.4,     793.0,       0.0);         ( 561811.6,
            4327686.0,      96.6,     793.0,       0.0);
1361        ( 561911.6, 4327686.0,      95.8,     793.0,       0.0);         ( 562011.6,
            4327686.0,      95.1,     793.0,       0.0);
1362        ( 564611.6, 4327686.0,      91.8,     114.9,       0.0);         ( 564711.6,
            4327686.0,     107.8,     114.9,       0.0);
1363        ( 564811.6, 4327686.0,     106.8,     114.8,       0.0);         ( 564911.6,
            4327686.0,     103.2,     105.4,       0.0);
1364        ( 565011.6, 4327686.0,     108.5,     114.8,       0.0);         ( 565111.6,
            4327686.0,     109.4,     112.7,       0.0);
1365        ( 565211.6, 4327686.0,      93.4,     117.8,       0.0);         ( 565311.6,
            4327686.0,     108.6,     108.6,       0.0);
1366        ( 565411.6, 4327686.0,     103.9,     117.5,       0.0);         ( 565511.6,
            4327686.0,     101.2,     117.5,       0.0);
1367        ( 565611.6, 4327686.0,     110.7,     110.7,       0.0);         ( 565711.6,
            4327686.0,     109.0,     113.1,       0.0);
1368   FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
       DPM                         ***        11/14/24
1369    *** AERMET - VERSION  19191 ***   *** Met data: Oroville
        2015-2019                                          ***       11:46:05
1370
                                    PAGE  26
1371    *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
1372
1373                                              *** DISCRETE CARTESIAN RECEPTORS ***
1374                                             (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
1375                                                        (METERS)
1376
1377        ( 565811.6, 4327686.0,     111.9,     111.9,       0.0);         ( 565911.6,
            4327686.0,     104.6,     110.2,       0.0);
1378        ( 566011.6, 4327686.0,      90.8,     112.6,       0.0);         ( 566111.6,
            4327686.0,      90.3,     101.0,       0.0);
1379        ( 566211.6, 4327686.0,      85.6,     101.0,       0.0);         ( 566311.6,
            4327686.0,      86.8,      96.1,       0.0);
1380        ( 566411.6, 4327686.0,      80.9,      81.6,       0.0);         ( 566511.6,
            4327686.0,      77.2,      79.8,       0.0);
1381        ( 560111.6, 4327786.0,     189.8,     793.0,       0.0);         ( 560211.6,
            4327786.0,     157.3,     793.0,       0.0);
1382        ( 560311.6, 4327786.0,     131.0,     793.0,       0.0);         ( 560411.6,
            4327786.0,     115.3,     793.0,       0.0);
```

```
1383        ( 560511.6, 4327786.0,     111.5,     793.0,       0.0);         ( 560611.6,
            4327786.0,     106.5,     793.0,       0.0);
1384        ( 560711.6, 4327786.0,     107.8,     793.0,       0.0);         ( 560811.6,
            4327786.0,     106.8,     793.0,       0.0);
1385        ( 560911.6, 4327786.0,     104.4,     793.0,       0.0);         ( 561011.6,
            4327786.0,     101.4,     793.0,       0.0);
1386        ( 561111.6, 4327786.0,      99.9,     793.0,       0.0);         ( 561211.6,
            4327786.0,      98.9,     793.0,       0.0);
1387        ( 561311.6, 4327786.0,      98.6,     793.0,       0.0);         ( 561411.6,
            4327786.0,      98.0,     793.0,       0.0);
1388        ( 561511.6, 4327786.0,      98.0,     793.0,       0.0);         ( 561611.6,
            4327786.0,      97.4,     793.0,       0.0);
1389        ( 561711.6, 4327786.0,      96.5,     793.0,       0.0);         ( 561811.6,
            4327786.0,      95.9,     793.0,       0.0);
1390        ( 561911.6, 4327786.0,      95.1,     793.0,       0.0);         ( 562011.6,
            4327786.0,      94.3,     793.0,       0.0);
1391        ( 564611.6, 4327786.0,      90.3,     115.3,       0.0);         ( 564711.6,
            4327786.0,     111.9,     112.3,       0.0);
1392        ( 564811.6, 4327786.0,     108.4,     108.4,       0.0);         ( 564911.6,
            4327786.0,     109.4,     109.4,       0.0);
1393        ( 565011.6, 4327786.0,     112.5,     112.5,       0.0);         ( 565111.6,
            4327786.0,      99.8,     117.6,       0.0);
1394        ( 565211.6, 4327786.0,     106.1,     117.8,       0.0);         ( 565311.6,
            4327786.0,     117.6,     117.6,       0.0);
1395        ( 565411.6, 4327786.0,     113.1,     116.8,       0.0);         ( 565511.6,
            4327786.0,     113.5,     116.8,       0.0);
1396        ( 565611.6, 4327786.0,     109.8,     111.7,       0.0);         ( 565711.6,
            4327786.0,     104.5,     113.2,       0.0);
1397        ( 565811.6, 4327786.0,      95.5,     113.2,       0.0);         ( 565911.6,
            4327786.0,      89.7,     113.2,       0.0);
1398        ( 566011.6, 4327786.0,      94.9,      97.2,       0.0);         ( 566111.6,
            4327786.0,      86.3,     107.0,       0.0);
1399        ( 566211.6, 4327786.0,      97.4,      97.4,       0.0);         ( 566311.6,
            4327786.0,      84.9,     105.8,       0.0);
1400        ( 566411.6, 4327786.0,      78.8,     105.8,       0.0);         ( 566511.6,
            4327786.0,      80.2,      80.2,       0.0);
1401        ( 560111.6, 4327886.0,     186.4,     793.0,       0.0);         ( 560211.6,
            4327886.0,     153.0,     793.0,       0.0);
1402        ( 560311.6, 4327886.0,     124.6,     793.0,       0.0);         ( 560411.6,
            4327886.0,     112.8,     793.0,       0.0);
1403        ( 560511.6, 4327886.0,     108.8,     793.0,       0.0);         ( 560611.6,
            4327886.0,     104.0,     793.0,       0.0);
1404        ( 560711.6, 4327886.0,     105.3,     793.0,       0.0);         ( 560811.6,
            4327886.0,     103.6,     793.0,       0.0);
1405        ( 560911.6, 4327886.0,     100.7,     793.0,       0.0);         ( 561011.6,
            4327886.0,      99.2,     793.0,       0.0);
1406        ( 561111.6, 4327886.0,      98.5,     793.0,       0.0);         ( 561211.6,
            4327886.0,      97.9,     793.0,       0.0);
1407        ( 561311.6, 4327886.0,      97.7,     793.0,       0.0);         ( 561411.6,
            4327886.0,      97.3,     793.0,       0.0);
1408        ( 561511.6, 4327886.0,      97.0,     793.0,       0.0);         ( 561611.6,
            4327886.0,      96.5,     793.0,       0.0);
1409        ( 561711.6, 4327886.0,      95.6,     793.0,       0.0);         ( 561811.6,
            4327886.0,      95.0,     793.0,       0.0);
1410        ( 561911.6, 4327886.0,      94.2,     793.0,       0.0);         ( 562011.6,
            4327886.0,      93.5,     793.0,       0.0);
1411        ( 564611.6, 4327886.0,      89.8,     115.3,       0.0);         ( 564711.6,
            4327886.0,     113.5,     114.0,       0.0);
1412        ( 564811.6, 4327886.0,     108.6,     109.4,       0.0);         ( 564911.6,
            4327886.0,     102.5,     116.7,       0.0);
1413        ( 565011.6, 4327886.0,     114.0,     116.6,       0.0);         ( 565111.6,
            4327886.0,     102.8,     116.7,       0.0);
1414        ( 565211.6, 4327886.0,     110.6,     110.6,       0.0);         ( 565311.6,
            4327886.0,     106.6,     117.8,       0.0);
1415        ( 565411.6, 4327886.0,     103.6,     117.8,       0.0);         ( 565511.6,
            4327886.0,     111.8,     111.8,       0.0);
```

```
1416        ( 565611.6, 4327886.0,     103.5,     111.8,       0.0);         ( 565711.6,
            4327886.0,     109.0,     111.5,       0.0);
1417        ( 565811.6, 4327886.0,     110.4,     110.6,       0.0);         ( 565911.6,
            4327886.0,      96.2,     112.9,       0.0);
1418        ( 566011.6, 4327886.0,     101.3,     103.9,       0.0);         ( 566111.6,
            4327886.0,     101.4,     105.2,       0.0);
1419        ( 566211.6, 4327886.0,     105.0,     105.0,       0.0);         ( 566311.6,
            4327886.0,      86.3,     105.8,       0.0);
1420        ( 566411.6, 4327886.0,      81.7,     105.8,       0.0);         ( 566511.6,
            4327886.0,      79.5,     101.7,       0.0);
1421        ( 560111.6, 4327986.0,     190.7,     793.0,       0.0);         ( 560211.6,
            4327986.0,     144.0,     793.0,       0.0);
1422    FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
        DPM                          ***        11/14/24
1423     *** AERMET - VERSION  19191 ***   *** Met data: Oroville
         2015-2019                                          ***        11:46:05
1424
                                    PAGE  27
1425     *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
1426
1427                                                  *** DISCRETE CARTESIAN RECEPTORS ***
1428                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
1429                                                          (METERS)
1430
1431        ( 560311.6, 4327986.0,     123.2,     793.0,       0.0);         ( 560411.6,
            4327986.0,     111.2,     793.0,       0.0);
1432        ( 560511.6, 4327986.0,     106.1,     793.0,       0.0);         ( 560611.6,
            4327986.0,     101.9,     793.0,       0.0);
1433        ( 560711.6, 4327986.0,     101.6,     793.0,       0.0);         ( 560811.6,
            4327986.0,     100.4,     793.0,       0.0);
1434        ( 560911.6, 4327986.0,      98.6,     793.0,       0.0);         ( 561011.6,
            4327986.0,      97.8,     793.0,       0.0);
1435        ( 561111.6, 4327986.0,      96.4,     793.0,       0.0);         ( 561211.6,
            4327986.0,      96.7,     793.0,       0.0);
1436        ( 561311.6, 4327986.0,      96.2,     793.0,       0.0);         ( 561411.6,
            4327986.0,      96.7,     793.0,       0.0);
1437        ( 561511.6, 4327986.0,      96.2,     793.0,       0.0);         ( 561611.6,
            4327986.0,      95.6,     793.0,       0.0);
1438        ( 561711.6, 4327986.0,      94.9,     793.0,       0.0);         ( 561811.6,
            4327986.0,      94.4,     793.0,       0.0);
1439        ( 561911.6, 4327986.0,      93.7,     793.0,       0.0);         ( 562011.6,
            4327986.0,      92.9,     793.0,       0.0);
1440        ( 564611.6, 4327986.0,      87.7,     115.3,       0.0);         ( 564711.6,
            4327986.0,      98.2,     115.3,       0.0);
1441        ( 564811.6, 4327986.0,     102.6,     112.5,       0.0);         ( 564911.6,
            4327986.0,     108.8,     108.8,       0.0);
1442        ( 565011.6, 4327986.0,     112.4,     113.5,       0.0);         ( 565111.6,
            4327986.0,     108.7,     115.5,       0.0);
1443        ( 565211.6, 4327986.0,     106.2,     112.6,       0.0);         ( 565311.6,
            4327986.0,      99.7,     112.6,       0.0);
1444        ( 565411.6, 4327986.0,      94.6,     117.8,       0.0);         ( 565511.6,
            4327986.0,      99.8,     116.8,       0.0);
1445        ( 565611.6, 4327986.0,      94.8,     117.4,       0.0);         ( 565711.6,
            4327986.0,     108.0,     109.9,       0.0);
1446        ( 565811.6, 4327986.0,     104.3,     112.8,       0.0);         ( 565911.6,
            4327986.0,     104.7,     104.7,       0.0);
1447        ( 566011.6, 4327986.0,     101.9,     107.4,       0.0);         ( 566111.6,
            4327986.0,     103.1,     103.1,       0.0);
1448        ( 566211.6, 4327986.0,      95.2,     105.8,       0.0);         ( 566311.6,
            4327986.0,      90.5,     105.8,       0.0);
1449        ( 566411.6, 4327986.0,      92.3,     101.7,       0.0);         ( 566511.6,
            4327986.0,      90.4,      98.9,       0.0);
1450        ( 560111.6, 4328086.0,     172.4,     793.0,       0.0);         ( 560211.6,
            4328086.0,     136.4,     793.0,       0.0);
1451        ( 560311.6, 4328086.0,     116.8,     793.0,       0.0);         ( 560411.6,
            4328086.0,     107.7,     793.0,       0.0);
```

```
1452        ( 560511.6, 4328086.0,     105.0,     793.0,       0.0);         ( 560611.6,
            4328086.0,     100.4,     793.0,       0.0);
1453        ( 560711.6, 4328086.0,     100.4,     793.0,       0.0);         ( 560811.6,
            4328086.0,      99.0,     793.0,       0.0);
1454        ( 560911.6, 4328086.0,      98.4,     793.0,       0.0);         ( 561011.6,
            4328086.0,      98.0,     793.0,       0.0);
1455        ( 561111.6, 4328086.0,      97.3,     793.0,       0.0);         ( 561211.6,
            4328086.0,      95.4,     793.0,       0.0);
1456        ( 561311.6, 4328086.0,      94.0,     793.0,       0.0);         ( 561411.6,
            4328086.0,      96.0,     793.0,       0.0);
1457        ( 561511.6, 4328086.0,      96.0,     793.0,       0.0);         ( 561611.6,
            4328086.0,      95.3,     793.0,       0.0);
1458        ( 561711.6, 4328086.0,      94.5,     793.0,       0.0);         ( 561811.6,
            4328086.0,      93.8,     793.0,       0.0);
1459        ( 561911.6, 4328086.0,      93.4,     793.0,       0.0);         ( 562011.6,
            4328086.0,      94.7,     793.0,       0.0);
1460        ( 564611.6, 4328086.0,      97.0,     115.0,       0.0);         ( 564711.6,
            4328086.0,     103.5,     105.4,       0.0);
1461        ( 564811.6, 4328086.0,     109.0,     112.5,       0.0);         ( 564911.6,
            4328086.0,     103.2,     112.5,       0.0);
1462        ( 565011.6, 4328086.0,     107.3,     115.6,       0.0);         ( 565111.6,
            4328086.0,     114.5,     114.5,       0.0);
1463        ( 565211.6, 4328086.0,     105.5,     112.6,       0.0);         ( 565311.6,
            4328086.0,     109.2,     111.3,       0.0);
1464        ( 565411.6, 4328086.0,     104.2,     109.0,       0.0);         ( 565511.6,
            4328086.0,     103.7,     103.7,       0.0);
1465        ( 565611.6, 4328086.0,      89.2,     112.9,       0.0);         ( 565711.6,
            4328086.0,      91.8,     112.9,       0.0);
1466        ( 565811.6, 4328086.0,      97.8,     107.3,       0.0);         ( 565911.6,
            4328086.0,      92.4,     107.6,       0.0);
1467        ( 566011.6, 4328086.0,      91.7,     107.6,       0.0);         ( 566111.6,
            4328086.0,      88.2,     107.2,       0.0);
1468        ( 566211.6, 4328086.0,      86.6,     105.8,       0.0);         ( 566311.6,
            4328086.0,      91.1,     101.7,       0.0);
1469        ( 566411.6, 4328086.0,      97.6,     101.6,       0.0);         ( 566511.6,
            4328086.0,      88.7,     101.6,       0.0);
1470        ( 560111.6, 4328186.0,     166.8,     793.0,       0.0);         ( 560211.6,
            4328186.0,     124.1,     793.0,       0.0);
1471        ( 560311.6, 4328186.0,     112.7,     793.0,       0.0);         ( 560411.6,
            4328186.0,     104.9,     793.0,       0.0);
1472        ( 560511.6, 4328186.0,     103.2,     793.0,       0.0);         ( 560611.6,
            4328186.0,      98.8,     793.0,       0.0);
1473        ( 560711.6, 4328186.0,     100.9,     793.0,       0.0);         ( 560811.6,
            4328186.0,      99.1,     793.0,       0.0);
1474        ( 560911.6, 4328186.0,      98.9,     793.0,       0.0);         ( 561011.6,
            4328186.0,      97.9,     793.0,       0.0);
1475        ( 561111.6, 4328186.0,      96.6,     793.0,       0.0);         ( 561211.6,
            4328186.0,      91.5,     793.0,       0.0);
1476    FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
        DPM                        ***       11/14/24
1477     *** AERMET - VERSION  19191 ***   *** Met data: Oroville
         2015-2019                                          ***       11:46:05
1478
                                  PAGE  28
1479     *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
1480
1481                                            *** DISCRETE CARTESIAN RECEPTORS ***
1482                                          (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
1483                                                       (METERS)
1484
1485        ( 561311.6, 4328186.0,      96.0,     793.0,       0.0);         ( 561411.6,
            4328186.0,      96.2,     793.0,       0.0);
1486        ( 561511.6, 4328186.0,      95.3,     793.0,       0.0);         ( 561611.6,
            4328186.0,      95.0,     793.0,       0.0);
1487        ( 561711.6, 4328186.0,      94.3,     793.0,       0.0);         ( 561811.6,
            4328186.0,      93.4,     793.0,       0.0);
```

```
1488        ( 561911.6, 4328186.0,      93.7,     793.0,       0.0);         ( 562011.6,
            4328186.0,      94.0,     793.0,       0.0);
1489        ( 564611.6, 4328186.0,     103.3,     110.6,       0.0);         ( 564711.6,
            4328186.0,     100.3,     110.6,       0.0);
1490        ( 564811.6, 4328186.0,     102.4,     112.0,       0.0);         ( 564911.6,
            4328186.0,      95.9,     115.5,       0.0);
1491        ( 565011.6, 4328186.0,      98.8,     115.6,       0.0);         ( 565111.6,
            4328186.0,     103.8,     115.5,       0.0);
1492        ( 565211.6, 4328186.0,      92.4,     115.6,       0.0);         ( 565311.6,
            4328186.0,      96.2,     112.2,       0.0);
1493        ( 565411.6, 4328186.0,      94.8,     111.5,       0.0);         ( 565511.6,
            4328186.0,      98.8,     105.8,       0.0);
1494        ( 565611.6, 4328186.0,      87.4,     107.9,       0.0);         ( 565711.6,
            4328186.0,     105.5,     105.5,       0.0);
1495        ( 565811.6, 4328186.0,     104.3,     105.3,       0.0);         ( 565911.6,
            4328186.0,     101.8,     101.8,       0.0);
1496        ( 566011.6, 4328186.0,      93.2,      98.6,       0.0);         ( 566111.6,
            4328186.0,      93.7,      98.2,       0.0);
1497        ( 566211.6, 4328186.0,      87.4,      98.7,       0.0);         ( 566311.6,
            4328186.0,      80.8,     101.7,       0.0);
1498        ( 566411.6, 4328186.0,      88.6,     101.1,       0.0);         ( 566511.6,
            4328186.0,      90.7,      92.4,       0.0);
1499        ( 560111.6, 4328286.0,     149.7,     793.0,       0.0);         ( 560211.6,
            4328286.0,     114.0,     793.0,       0.0);
1500        ( 560311.6, 4328286.0,     109.2,     793.0,       0.0);         ( 560411.6,
            4328286.0,     103.2,     793.0,       0.0);
1501        ( 560511.6, 4328286.0,     100.8,     793.0,       0.0);         ( 560611.6,
            4328286.0,      97.8,     793.0,       0.0);
1502        ( 560711.6, 4328286.0,     100.1,     793.0,       0.0);         ( 560811.6,
            4328286.0,      99.2,     793.0,       0.0);
1503        ( 560911.6, 4328286.0,      98.9,     793.0,       0.0);         ( 561011.6,
            4328286.0,      97.6,     793.0,       0.0);
1504        ( 561111.6, 4328286.0,      96.3,     793.0,       0.0);         ( 561211.6,
            4328286.0,      88.8,     793.0,       0.0);
1505        ( 561311.6, 4328286.0,      96.8,     793.0,       0.0);         ( 561411.6,
            4328286.0,      96.5,     793.0,       0.0);
1506        ( 561511.6, 4328286.0,      96.0,     793.0,       0.0);         ( 561611.6,
            4328286.0,      95.3,     793.0,       0.0);
1507        ( 561711.6, 4328286.0,      94.1,     793.0,       0.0);         ( 561811.6,
            4328286.0,      93.4,     793.0,       0.0);
1508        ( 561911.6, 4328286.0,      94.5,     793.0,       0.0);         ( 562011.6,
            4328286.0,      94.3,     793.0,       0.0);
1509        ( 564611.6, 4328286.0,     108.7,     109.2,       0.0);         ( 564711.6,
            4328286.0,     106.6,     106.6,       0.0);
1510        ( 564811.6, 4328286.0,      99.1,      99.1,       0.0);         ( 564911.6,
            4328286.0,      93.1,     102.1,       0.0);
1511        ( 565011.6, 4328286.0,      91.8,     115.5,       0.0);         ( 565111.6,
            4328286.0,      88.4,     115.6,       0.0);
1512        ( 565211.6, 4328286.0,      87.1,     115.6,       0.0);         ( 565311.6,
            4328286.0,      84.6,     115.5,       0.0);
1513        ( 565411.6, 4328286.0,      89.2,      98.5,       0.0);         ( 565511.6,
            4328286.0,      95.9,      95.9,       0.0);
1514        ( 565611.6, 4328286.0,      86.9,     107.9,       0.0);         ( 565711.6,
            4328286.0,      91.5,     107.9,       0.0);
1515        ( 565811.6, 4328286.0,     102.5,     102.5,       0.0);         ( 565911.6,
            4328286.0,      94.3,     103.6,       0.0);
1516        ( 566011.6, 4328286.0,      91.4,      98.8,       0.0);         ( 566111.6,
            4328286.0,      92.7,      98.7,       0.0);
1517        ( 566211.6, 4328286.0,      95.2,      95.2,       0.0);         ( 566311.6,
            4328286.0,      83.9,      97.2,       0.0);
1518        ( 566411.6, 4328286.0,      81.7,      88.9,       0.0);         ( 566511.6,
            4328286.0,      80.1,      93.1,       0.0);
1519        ( 560111.6, 4328386.0,     122.2,     793.0,       0.0);         ( 560211.6,
            4328386.0,     114.3,     793.0,       0.0);
1520        ( 560311.6, 4328386.0,     108.0,     793.0,       0.0);         ( 560411.6,
            4328386.0,     104.3,     793.0,       0.0);
```

```
1521        ( 560511.6, 4328386.0,     100.1,     793.0,       0.0);         ( 560611.6,
            4328386.0,      97.0,     793.0,       0.0);
1522        ( 560711.6, 4328386.0,      96.8,     793.0,       0.0);         ( 560811.6,
            4328386.0,      98.8,     793.0,       0.0);
1523        ( 560911.6, 4328386.0,      99.0,     793.0,       0.0);         ( 561011.6,
            4328386.0,      97.7,     793.0,       0.0);
1524        ( 561111.6, 4328386.0,      96.2,     793.0,       0.0);         ( 561211.6,
            4328386.0,      89.1,     793.0,       0.0);
1525        ( 561311.6, 4328386.0,      96.9,     793.0,       0.0);         ( 561411.6,
            4328386.0,      96.3,     793.0,       0.0);
1526        ( 561511.6, 4328386.0,      95.6,     793.0,       0.0);         ( 561611.6,
            4328386.0,      95.0,     793.0,       0.0);
1527        ( 561711.6, 4328386.0,      94.0,     793.0,       0.0);         ( 561811.6,
            4328386.0,      94.1,     793.0,       0.0);
1528        ( 561911.6, 4328386.0,      94.1,     793.0,       0.0);         ( 562011.6,
            4328386.0,      93.9,     793.0,       0.0);
1529        ( 562111.6, 4328386.0,      94.5,     793.0,       0.0);         ( 562211.6,
            4328386.0,      94.7,     793.0,       0.0);
1530    FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
        DPM                          ***         11/14/24
1531     *** AERMET - VERSION  19191 ***   *** Met data: Oroville
         2015-2019                                          ***       11:46:05
1532
                                      PAGE  29
1533     *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
1534
1535                                                *** DISCRETE CARTESIAN RECEPTORS ***
1536                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
1537                                                          (METERS)
1538
1539        ( 562311.6, 4328386.0,      94.7,     793.0,       0.0);         ( 562411.6,
            4328386.0,      94.5,     793.0,       0.0);
1540        ( 562511.6, 4328386.0,      93.0,     793.0,       0.0);         ( 562611.6,
            4328386.0,      93.3,     793.0,       0.0);
1541        ( 562711.6, 4328386.0,      94.1,     780.0,       0.0);         ( 562811.6,
            4328386.0,      94.9,     780.0,       0.0);
1542        ( 562911.6, 4328386.0,      91.9,     780.0,       0.0);         ( 563011.6,
            4328386.0,      91.7,     674.8,       0.0);
1543        ( 563111.6, 4328386.0,      88.9,     662.3,       0.0);         ( 563211.6,
            4328386.0,      91.1,     662.3,       0.0);
1544        ( 563311.6, 4328386.0,      95.6,      95.6,       0.0);         ( 563411.6,
            4328386.0,      90.7,     100.8,       0.0);
1545        ( 563511.6, 4328386.0,      97.6,      97.6,       0.0);         ( 563611.6,
            4328386.0,      98.8,      98.8,       0.0);
1546        ( 563711.6, 4328386.0,      95.3,     102.4,       0.0);         ( 563811.6,
            4328386.0,      94.0,     102.4,       0.0);
1547        ( 563911.6, 4328386.0,      88.5,      88.5,       0.0);         ( 564011.6,
            4328386.0,      90.8,      90.8,       0.0);
1548        ( 564111.6, 4328386.0,      91.6,      91.6,       0.0);         ( 564211.6,
            4328386.0,      94.2,      94.2,       0.0);
1549        ( 564311.6, 4328386.0,      91.3,      92.2,       0.0);         ( 564411.6,
            4328386.0,      78.9,     110.5,       0.0);
1550        ( 564511.6, 4328386.0,      87.4,     110.0,       0.0);         ( 564611.6,
            4328386.0,     106.5,     106.5,       0.0);
1551        ( 564711.6, 4328386.0,      97.4,     110.0,       0.0);         ( 564811.6,
            4328386.0,      98.4,     103.1,       0.0);
1552        ( 564911.6, 4328386.0,     101.6,     101.6,       0.0);         ( 565011.6,
            4328386.0,      93.1,     101.1,       0.0);
1553        ( 565111.6, 4328386.0,     100.4,     100.4,       0.0);         ( 565211.6,
            4328386.0,      98.9,     100.8,       0.0);
1554        ( 565311.6, 4328386.0,      92.9,      93.0,       0.0);         ( 565411.6,
            4328386.0,      84.0,      99.1,       0.0);
1555        ( 565511.6, 4328386.0,      99.0,      99.0,       0.0);         ( 565611.6,
            4328386.0,      84.3,     107.9,       0.0);
1556        ( 565711.6, 4328386.0,      94.6,      98.3,       0.0);         ( 565811.6,
            4328386.0,      90.6,     105.1,       0.0);
```

```
1557        ( 565911.6, 4328386.0,      86.5,     105.0,       0.0);         ( 566011.6,
            4328386.0,      80.3,     104.0,       0.0);
1558        ( 566111.6, 4328386.0,      86.5,      91.7,       0.0);         ( 566211.6,
            4328386.0,      82.2,      98.7,       0.0);
1559        ( 566311.6, 4328386.0,      86.8,      89.5,       0.0);         ( 566411.6,
            4328386.0,      68.7,     101.1,       0.0);
1560        ( 566511.6, 4328386.0,      66.9,     100.3,       0.0);         ( 560111.6,
            4328486.0,     117.9,     793.0,       0.0);
1561        ( 560211.6, 4328486.0,     112.1,     793.0,       0.0);         ( 560311.6,
            4328486.0,     107.9,     793.0,       0.0);
1562        ( 560411.6, 4328486.0,     102.3,     793.0,       0.0);         ( 560511.6,
            4328486.0,      99.0,     793.0,       0.0);
1563        ( 560611.6, 4328486.0,      95.9,     793.0,       0.0);         ( 560711.6,
            4328486.0,      92.9,     793.0,       0.0);
1564        ( 560811.6, 4328486.0,      98.0,     793.0,       0.0);         ( 560911.6,
            4328486.0,      93.0,     793.0,       0.0);
1565        ( 561011.6, 4328486.0,      94.5,     793.0,       0.0);         ( 561111.6,
            4328486.0,      95.4,     793.0,       0.0);
1566        ( 561211.6, 4328486.0,      88.1,     793.0,       0.0);         ( 561311.6,
            4328486.0,      96.5,     793.0,       0.0);
1567        ( 561411.6, 4328486.0,      96.1,     793.0,       0.0);         ( 561511.6,
            4328486.0,      95.3,     793.0,       0.0);
1568        ( 561611.6, 4328486.0,      94.5,     793.0,       0.0);         ( 561711.6,
            4328486.0,      94.2,     793.0,       0.0);
1569        ( 561811.6, 4328486.0,      94.2,     793.0,       0.0);         ( 561911.6,
            4328486.0,      94.5,     793.0,       0.0);
1570        ( 562011.6, 4328486.0,      94.8,     793.0,       0.0);         ( 562111.6,
            4328486.0,      95.6,     793.0,       0.0);
1571        ( 562211.6, 4328486.0,      96.0,     793.0,       0.0);         ( 562311.6,
            4328486.0,      95.7,     793.0,       0.0);
1572        ( 562411.6, 4328486.0,      95.1,     793.0,       0.0);         ( 562511.6,
            4328486.0,      94.8,     793.0,       0.0);
1573        ( 562611.6, 4328486.0,      95.0,     780.0,       0.0);         ( 562711.6,
            4328486.0,      95.4,     780.0,       0.0);
1574        ( 562811.6, 4328486.0,      93.5,     684.3,       0.0);         ( 562911.6,
            4328486.0,      90.7,     674.8,       0.0);
1575        ( 563011.6, 4328486.0,      86.9,     674.8,       0.0);         ( 563111.6,
            4328486.0,      86.0,     662.3,       0.0);
1576        ( 563211.6, 4328486.0,      93.3,      93.3,       0.0);         ( 563311.6,
            4328486.0,      99.7,     105.1,       0.0);
1577        ( 563411.6, 4328486.0,      90.4,     105.5,       0.0);         ( 563511.6,
            4328486.0,      98.9,      99.2,       0.0);
1578        ( 563611.6, 4328486.0,      94.9,      94.9,       0.0);         ( 563711.6,
            4328486.0,      91.9,      91.9,       0.0);
1579        ( 563811.6, 4328486.0,      92.0,      92.0,       0.0);         ( 563911.6,
            4328486.0,      92.6,      92.6,       0.0);
1580        ( 564011.6, 4328486.0,      89.9,      94.5,       0.0);         ( 564111.6,
            4328486.0,      88.3,      94.5,       0.0);
1581        ( 564211.6, 4328486.0,      79.3,      95.4,       0.0);         ( 564311.6,
            4328486.0,      77.1,     108.3,       0.0);
1582        ( 564411.6, 4328486.0,      78.3,     110.0,       0.0);         ( 564511.6,
            4328486.0,      89.5,     108.7,       0.0);
1583        ( 564611.6, 4328486.0,     108.2,     108.2,       0.0);         ( 564711.6,
            4328486.0,      96.3,     108.3,       0.0);
1584   FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
       DPM                          ***         11/14/24
1585    *** AERMET - VERSION  19191 ***   *** Met data: Oroville
        2015-2019                                          ***        11:46:05
1586
                                    PAGE  30
1587    *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
1588
1589                                              *** DISCRETE CARTESIAN RECEPTORS ***
1590                                             (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
1591                                                          (METERS)
1592
```

```
1593        ( 564811.6, 4328486.0,      97.6,     102.4,       0.0);         ( 564911.6,
            4328486.0,     102.0,     102.0,       0.0);
1594        ( 565011.6, 4328486.0,     100.6,     100.6,       0.0);         ( 565111.6,
            4328486.0,      90.5,     101.6,       0.0);
1595        ( 565211.6, 4328486.0,      89.6,     101.6,       0.0);         ( 565311.6,
            4328486.0,      91.7,      91.7,       0.0);
1596        ( 565411.6, 4328486.0,      81.5,      99.1,       0.0);         ( 565511.6,
            4328486.0,      91.0,      99.0,       0.0);
1597        ( 565611.6, 4328486.0,      82.1,      99.1,       0.0);         ( 565711.6,
            4328486.0,      86.2,      98.3,       0.0);
1598        ( 565811.6, 4328486.0,      91.3,      92.0,       0.0);         ( 565911.6,
            4328486.0,      92.3,      92.3,       0.0);
1599        ( 566011.6, 4328486.0,      85.8,      88.8,       0.0);         ( 566111.6,
            4328486.0,      75.5,      97.4,       0.0);
1600        ( 566211.6, 4328486.0,      70.3,      98.7,       0.0);         ( 566311.6,
            4328486.0,      67.0,      98.7,       0.0);
1601        ( 566411.6, 4328486.0,      69.2,      90.0,       0.0);         ( 566511.6,
            4328486.0,      66.0,      89.9,       0.0);
1602        ( 560111.6, 4328586.0,     115.7,     793.0,       0.0);         ( 560211.6,
            4328586.0,     108.6,     793.0,       0.0);
1603        ( 560311.6, 4328586.0,     104.1,     793.0,       0.0);         ( 560411.6,
            4328586.0,     100.3,     793.0,       0.0);
1604        ( 560511.6, 4328586.0,      97.0,     793.0,       0.0);         ( 560611.6,
            4328586.0,      93.8,     793.0,       0.0);
1605        ( 560711.6, 4328586.0,      90.9,     793.0,       0.0);         ( 560811.6,
            4328586.0,      88.1,     793.0,       0.0);
1606        ( 560911.6, 4328586.0,      85.6,     793.0,       0.0);         ( 561011.6,
            4328586.0,      85.2,     793.0,       0.0);
1607        ( 561111.6, 4328586.0,      92.7,     793.0,       0.0);         ( 561211.6,
            4328586.0,      84.0,     793.0,       0.0);
1608        ( 561311.6, 4328586.0,      94.6,     793.0,       0.0);         ( 561411.6,
            4328586.0,      95.8,     793.0,       0.0);
1609        ( 561511.6, 4328586.0,      95.5,     793.0,       0.0);         ( 561611.6,
            4328586.0,      94.7,     793.0,       0.0);
1610        ( 561711.6, 4328586.0,      94.7,     793.0,       0.0);         ( 561811.6,
            4328586.0,      95.4,     793.0,       0.0);
1611        ( 561911.6, 4328586.0,      96.1,     793.0,       0.0);         ( 562011.6,
            4328586.0,      96.0,     793.0,       0.0);
1612        ( 562111.6, 4328586.0,      96.8,     793.0,       0.0);         ( 562211.6,
            4328586.0,      98.0,     793.0,       0.0);
1613        ( 562311.6, 4328586.0,      95.9,     793.0,       0.0);         ( 562411.6,
            4328586.0,      96.6,     780.0,       0.0);
1614        ( 562511.6, 4328586.0,      96.4,     780.0,       0.0);         ( 562611.6,
            4328586.0,      92.3,     780.0,       0.0);
1615        ( 562711.6, 4328586.0,      93.2,     709.8,       0.0);         ( 562811.6,
            4328586.0,      91.0,     674.8,       0.0);
1616        ( 562911.6, 4328586.0,      88.4,     674.8,       0.0);         ( 563011.6,
            4328586.0,      87.1,     662.3,       0.0);
1617        ( 563111.6, 4328586.0,      89.8,     662.3,       0.0);         ( 563211.6,
            4328586.0,      91.0,     105.5,       0.0);
1618        ( 563311.6, 4328586.0,     104.7,     104.7,       0.0);         ( 563411.6,
            4328586.0,      93.0,     105.5,       0.0);
1619        ( 563511.6, 4328586.0,      90.5,     100.6,       0.0);         ( 563611.6,
            4328586.0,      93.9,      93.9,       0.0);
1620        ( 563711.6, 4328586.0,      92.7,      93.6,       0.0);         ( 563811.6,
            4328586.0,      96.4,      96.4,       0.0);
1621        ( 563911.6, 4328586.0,      87.0,      95.6,       0.0);         ( 564011.6,
            4328586.0,      88.5,      91.7,       0.0);
1622        ( 564111.6, 4328586.0,      87.4,      90.6,       0.0);         ( 564211.6,
            4328586.0,      87.8,      88.7,       0.0);
1623        ( 564311.6, 4328586.0,      78.1,     107.3,       0.0);         ( 564411.6,
            4328586.0,      81.9,     108.3,       0.0);
1624        ( 564511.6, 4328586.0,      94.6,     108.1,       0.0);         ( 564611.6,
            4328586.0,     105.0,     107.1,       0.0);
1625        ( 564711.6, 4328586.0,      92.8,     108.3,       0.0);         ( 564811.6,
            4328586.0,      97.5,     100.8,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(564911.6, 4328586.0, 91.8, 102.5, 0.0); (565011.6, 4328586.0, 95.7, 96.5, 0.0);
(565111.6, 4328586.0, 88.4, 95.2, 0.0); (565211.6, 4328586.0, 86.8, 90.8, 0.0);
(565311.6, 4328586.0, 83.0, 89.3, 0.0); (565411.6, 4328586.0, 79.1, 98.7, 0.0);
(565511.6, 4328586.0, 88.1, 91.8, 0.0); (565611.6, 4328586.0, 84.8, 91.6, 0.0);
(565711.6, 4328586.0, 87.6, 92.3, 0.0); (565811.6, 4328586.0, 86.2, 92.4, 0.0);
(565911.6, 4328586.0, 78.6, 92.4, 0.0); (566011.6, 4328586.0, 75.6, 92.4, 0.0);
(566111.6, 4328586.0, 68.8, 92.4, 0.0); (566211.6, 4328586.0, 68.1, 90.0, 0.0);
(566311.6, 4328586.0, 72.0, 72.0, 0.0); (566411.6, 4328586.0, 74.5, 74.5, 0.0);
(566511.6, 4328586.0, 69.0, 71.8, 0.0); (560111.6, 4328686.0, 110.8, 793.0, 0.0);
(560211.6, 4328686.0, 106.6, 793.0, 0.0); (560311.6, 4328686.0, 105.8, 793.0, 0.0);
(560411.6, 4328686.0, 101.7, 793.0, 0.0); (560511.6, 4328686.0, 95.9, 793.0, 0.0);
(560611.6, 4328686.0, 95.9, 793.0, 0.0); (560711.6, 4328686.0, 92.4, 793.0, 0.0);
(560811.6, 4328686.0, 87.7, 793.0, 0.0); (560911.6, 4328686.0, 88.8, 793.0, 0.0);
(561011.6, 4328686.0, 83.1, 793.0, 0.0); (561111.6, 4328686.0, 87.3, 793.0, 0.0);
(561211.6, 4328686.0, 85.5, 793.0, 0.0); (561311.6, 4328686.0, 88.0, 793.0, 0.0);
(561411.6, 4328686.0, 91.9, 793.0, 0.0); (561511.6, 4328686.0, 93.3, 793.0, 0.0);
(561611.6, 4328686.0, 94.3, 793.0, 0.0); (561711.6, 4328686.0, 95.6, 793.0, 0.0);
(561811.6, 4328686.0, 96.5, 793.0, 0.0); (561911.6, 4328686.0, 97.1, 793.0, 0.0);
(562011.6, 4328686.0, 96.5, 793.0, 0.0); (562111.6, 4328686.0, 95.3, 793.0, 0.0);
(562211.6, 4328686.0, 97.5, 792.5, 0.0); (562311.6, 4328686.0, 92.8, 780.0, 0.0);
(562411.6, 4328686.0, 92.8, 780.0, 0.0); (562511.6, 4328686.0, 94.8, 780.0, 0.0);
(562611.6, 4328686.0, 93.0, 709.8, 0.0); (562711.6, 4328686.0, 88.4, 684.3, 0.0);
(562811.6, 4328686.0, 94.2, 669.0, 0.0); (562911.6, 4328686.0, 98.7, 662.3, 0.0);
(563011.6, 4328686.0, 85.0, 662.3, 0.0); (563111.6, 4328686.0, 90.1, 100.1, 0.0);
(563211.6, 4328686.0, 94.5, 100.1, 0.0); (563311.6, 4328686.0, 92.6, 105.5, 0.0);
(563411.6, 4328686.0, 86.2, 105.5, 0.0); (563511.6, 4328686.0, 97.7, 100.0, 0.0);
(563611.6, 4328686.0, 95.0, 100.8, 0.0); (563711.6, 4328686.0, 91.3, 91.3, 0.0);

```
      ( 563811.6, 4328686.0,      82.5,      96.6,       0.0);         ( 563911.6,
      4328686.0,      82.6,      96.1,       0.0);
      ( 564011.6, 4328686.0,      87.3,      92.5,       0.0);         ( 564111.6,
      4328686.0,      82.3,      92.0,       0.0);
      ( 564211.6, 4328686.0,      80.5,      89.6,       0.0);         ( 564311.6,
      4328686.0,      81.3,      90.6,       0.0);
      ( 564411.6, 4328686.0,      85.6,     107.3,       0.0);         ( 564511.6,
      4328686.0,      90.4,     107.3,       0.0);
      ( 564611.6, 4328686.0,     101.6,     101.6,       0.0);         ( 564711.6,
      4328686.0,      90.8,     107.3,       0.0);
      ( 564811.6, 4328686.0,      94.6,      94.6,       0.0);         ( 564911.6,
      4328686.0,      91.4,      91.4,       0.0);
      ( 565011.6, 4328686.0,      90.4,      96.1,       0.0);         ( 565111.6,
      4328686.0,      87.8,      94.7,       0.0);
      ( 565211.6, 4328686.0,      86.3,      92.3,       0.0);         ( 565311.6,
      4328686.0,      80.0,      91.7,       0.0);
      ( 565411.6, 4328686.0,      80.6,      87.1,       0.0);         ( 565511.6,
      4328686.0,      77.4,      91.8,       0.0);
      ( 565611.6, 4328686.0,      81.5,      87.5,       0.0);         ( 565711.6,
      4328686.0,      74.9,      92.5,       0.0);
      ( 565811.6, 4328686.0,      75.5,      92.5,       0.0);         ( 565911.6,
      4328686.0,      72.0,      92.4,       0.0);
      ( 566011.6, 4328686.0,      71.3,      82.5,       0.0);         ( 566111.6,
      4328686.0,      77.0,      77.0,       0.0);
      ( 566211.6, 4328686.0,      74.2,      80.0,       0.0);         ( 566311.6,
      4328686.0,      76.7,      76.7,       0.0);
      ( 566411.6, 4328686.0,      73.3,      73.3,       0.0);         ( 566511.6,
      4328686.0,      69.6,      76.1,       0.0);
      ( 560111.6, 4328786.0,     106.5,     793.0,       0.0);         ( 560211.6,
      4328786.0,     104.4,     793.0,       0.0);
      ( 560311.6, 4328786.0,     102.1,     793.0,       0.0);         ( 560411.6,
      4328786.0,     101.7,     793.0,       0.0);
      ( 560511.6, 4328786.0,      96.0,     793.0,       0.0);         ( 560611.6,
      4328786.0,      95.4,     793.0,       0.0);
      ( 560711.6, 4328786.0,      92.8,     793.0,       0.0);         ( 560811.6,
      4328786.0,      92.5,     793.0,       0.0);
      ( 560911.6, 4328786.0,      90.8,     793.0,       0.0);         ( 561011.6,
      4328786.0,      85.4,     793.0,       0.0);
      ( 561111.6, 4328786.0,      83.2,     793.0,       0.0);         ( 561211.6,
      4328786.0,      84.3,     793.0,       0.0);
      ( 561311.6, 4328786.0,      84.0,     793.0,       0.0);         ( 561411.6,
      4328786.0,      85.2,     793.0,       0.0);
      ( 561511.6, 4328786.0,      89.3,     793.0,       0.0);         ( 561611.6,
      4328786.0,      86.0,     793.0,       0.0);
      ( 561711.6, 4328786.0,      93.3,     793.0,       0.0);         ( 561811.6,
      4328786.0,      95.3,     793.0,       0.0);
      ( 561911.6, 4328786.0,      93.4,     793.0,       0.0);         ( 562011.6,
      4328786.0,      94.3,     793.0,       0.0);
      ( 562111.6, 4328786.0,      95.0,     792.5,       0.0);         ( 562211.6,
      4328786.0,      96.8,     780.0,       0.0);
      ( 562311.6, 4328786.0,      91.0,     780.0,       0.0);         ( 562411.6,
      4328786.0,      89.8,     780.0,       0.0);
      ( 562511.6, 4328786.0,      95.6,     684.3,       0.0);         ( 562611.6,
      4328786.0,      88.4,     684.3,       0.0);
      ( 562711.6, 4328786.0,      89.7,     674.8,       0.0);         ( 562811.6,
      4328786.0,      93.8,     662.3,       0.0);
      ( 562911.6, 4328786.0,      96.3,      98.3,       0.0);         ( 563011.6,
      4328786.0,      84.0,     662.3,       0.0);
      ( 563111.6, 4328786.0,      83.7,     101.6,       0.0);         ( 563211.6,
      4328786.0,      96.2,      96.2,       0.0);
FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
DPM                          ***        11/14/24
 *** AERMET - VERSION  19191 ***   *** Met data: Oroville
 2015-2019                                          ***       11:46:05

                                PAGE  32
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(563311.6, 4328786.0, 101.3, 101.3, 0.0); (563411.6, 4328786.0, 86.9, 101.9, 0.0);
(563511.6, 4328786.0, 86.6, 102.3, 0.0); (563611.6, 4328786.0, 101.9, 101.9, 0.0);
(563711.6, 4328786.0, 92.2, 102.3, 0.0); (563811.6, 4328786.0, 91.1, 94.2, 0.0);
(563911.6, 4328786.0, 83.9, 94.5, 0.0); (564011.6, 4328786.0, 79.2, 91.5, 0.0);
(564111.6, 4328786.0, 76.6, 86.0, 0.0); (564211.6, 4328786.0, 73.6, 90.6, 0.0);
(564311.6, 4328786.0, 84.5, 90.5, 0.0); (564411.6, 4328786.0, 86.2, 88.8, 0.0);
(564511.6, 4328786.0, 83.3, 107.3, 0.0); (564611.6, 4328786.0, 97.6, 99.8, 0.0);
(564711.6, 4328786.0, 92.1, 92.1, 0.0); (564811.6, 4328786.0, 92.0, 97.2, 0.0);
(564911.6, 4328786.0, 90.7, 97.5, 0.0); (565011.6, 4328786.0, 89.3, 96.6, 0.0);
(565111.6, 4328786.0, 87.3, 96.6, 0.0); (565211.6, 4328786.0, 88.8, 88.9, 0.0);
(565311.6, 4328786.0, 87.4, 87.4, 0.0); (565411.6, 4328786.0, 84.1, 84.1, 0.0);
(565511.6, 4328786.0, 76.4, 76.4, 0.0); (565611.6, 4328786.0, 74.0, 74.0, 0.0);
(565711.6, 4328786.0, 73.4, 90.5, 0.0); (565811.6, 4328786.0, 74.6, 90.5, 0.0);
(565911.6, 4328786.0, 78.8, 86.3, 0.0); (566011.6, 4328786.0, 81.5, 81.5, 0.0);
(566111.6, 4328786.0, 72.2, 81.8, 0.0); (566211.6, 4328786.0, 80.5, 80.5, 0.0);
(566311.6, 4328786.0, 78.9, 78.9, 0.0); (566411.6, 4328786.0, 70.6, 70.6, 0.0);
(566511.6, 4328786.0, 75.8, 75.8, 0.0); (560111.6, 4328886.0, 99.1, 793.0, 0.0);
(560211.6, 4328886.0, 103.7, 793.0, 0.0); (560311.6, 4328886.0, 97.3, 793.0, 0.0);
(560411.6, 4328886.0, 100.1, 793.0, 0.0); (560511.6, 4328886.0, 93.8, 793.0, 0.0);
(560611.6, 4328886.0, 95.0, 793.0, 0.0); (560711.6, 4328886.0, 92.9, 793.0, 0.0);
(560811.6, 4328886.0, 91.3, 793.0, 0.0); (560911.6, 4328886.0, 88.0, 793.0, 0.0);
(561011.6, 4328886.0, 83.3, 793.0, 0.0); (561111.6, 4328886.0, 80.1, 793.0, 0.0);
(561211.6, 4328886.0, 80.8, 793.0, 0.0); (561311.6, 4328886.0, 79.4, 793.0, 0.0);
(561411.6, 4328886.0, 80.4, 793.0, 0.0); (561511.6, 4328886.0, 84.8, 793.0, 0.0);
(561611.6, 4328886.0, 83.3, 793.0, 0.0); (561711.6, 4328886.0, 92.0, 793.0, 0.0);
(561811.6, 4328886.0, 87.2, 793.0, 0.0); (561911.6, 4328886.0, 94.4, 793.0, 0.0);
(562011.6, 4328886.0, 98.0, 780.0, 0.0); (562111.6, 4328886.0, 89.3, 780.0, 0.0);
(562211.6, 4328886.0, 101.5, 710.1, 0.0); (562311.6, 4328886.0, 91.7, 780.0, 0.0);
(562411.6, 4328886.0, 87.4, 710.1, 0.0); (562511.6, 4328886.0, 91.8, 684.3, 0.0);
(562611.6, 4328886.0, 89.1, 674.8, 0.0); (562711.6, 4328886.0, 91.9, 667.5, 0.0);

```
1731        ( 562811.6, 4328886.0,      87.1,     662.3,       0.0);         ( 562911.6,
            4328886.0,      92.0,      95.7,       0.0);
1732        ( 563011.6, 4328886.0,      89.6,      97.4,       0.0);         ( 563111.6,
            4328886.0,      80.1,     101.6,       0.0);
1733        ( 563211.6, 4328886.0,      91.8,      99.3,       0.0);         ( 563311.6,
            4328886.0,      93.4,      99.5,       0.0);
1734        ( 563411.6, 4328886.0,      92.3,      92.3,       0.0);         ( 563511.6,
            4328886.0,      81.3,     102.3,       0.0);
1735        ( 563611.6, 4328886.0,      87.3,     102.3,       0.0);         ( 563711.6,
            4328886.0,      91.0,      99.5,       0.0);
1736        ( 563811.6, 4328886.0,      91.1,      96.1,       0.0);         ( 563911.6,
            4328886.0,      85.7,      91.5,       0.0);
1737        ( 564011.6, 4328886.0,      84.2,      91.1,       0.0);         ( 564111.6,
            4328886.0,      83.1,      85.3,       0.0);
1738        ( 564211.6, 4328886.0,      75.7,      85.1,       0.0);         ( 564311.6,
            4328886.0,      79.5,      82.1,       0.0);
1739        ( 564411.6, 4328886.0,      80.1,     101.4,       0.0);         ( 564511.6,
            4328886.0,      86.3,     101.4,       0.0);
1740        ( 564611.6, 4328886.0,      99.0,     100.3,       0.0);         ( 564711.6,
            4328886.0,      91.9,      94.8,       0.0);
1741        ( 564811.6, 4328886.0,      87.3,      97.5,       0.0);         ( 564911.6,
            4328886.0,      88.5,      97.5,       0.0);
1742        ( 565011.6, 4328886.0,      93.2,      95.4,       0.0);         ( 565111.6,
            4328886.0,      91.8,      95.2,       0.0);
1743        ( 565211.6, 4328886.0,      85.2,      92.6,       0.0);         ( 565311.6,
            4328886.0,      86.1,      92.1,       0.0);
1744        ( 565411.6, 4328886.0,      77.2,      91.5,       0.0);         ( 565511.6,
            4328886.0,      79.1,      91.3,       0.0);
1745        ( 565611.6, 4328886.0,      82.5,      88.2,       0.0);         ( 565711.6,
            4328886.0,      86.5,      90.0,       0.0);
1746    FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
        DPM                          ***         11/14/24
1747     *** AERMET - VERSION  19191 ***   *** Met data: Oroville
         2015-2019                                          ***       11:46:05
1748
                                    PAGE  33
1749     *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
1750
1751                                                *** DISCRETE CARTESIAN RECEPTORS ***
1752                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
1753                                                           (METERS)
1754
1755        ( 565811.6, 4328886.0,      87.3,      87.3,       0.0);         ( 565911.6,
            4328886.0,      80.3,      87.4,       0.0);
1756        ( 566011.6, 4328886.0,      74.5,      83.4,       0.0);         ( 566111.6,
            4328886.0,      80.1,      80.1,       0.0);
1757        ( 566211.6, 4328886.0,      78.7,      81.4,       0.0);         ( 566311.6,
            4328886.0,      76.6,      82.5,       0.0);
1758        ( 566411.6, 4328886.0,      76.1,      76.1,       0.0);         ( 566511.6,
            4328886.0,      72.9,      72.9,       0.0);
1759        ( 560111.6, 4328986.0,      98.5,     793.0,       0.0);         ( 560211.6,
            4328986.0,      94.9,     793.0,       0.0);
1760        ( 560311.6, 4328986.0,      93.5,     793.0,       0.0);         ( 560411.6,
            4328986.0,      90.4,     793.0,       0.0);
1761        ( 560511.6, 4328986.0,      91.2,     793.0,       0.0);         ( 560611.6,
            4328986.0,      96.1,     793.0,       0.0);
1762        ( 560711.6, 4328986.0,      94.2,     793.0,       0.0);         ( 560811.6,
            4328986.0,      90.8,     793.0,       0.0);
1763        ( 560911.6, 4328986.0,      86.3,     793.0,       0.0);         ( 561011.6,
            4328986.0,      85.7,     793.0,       0.0);
1764        ( 561111.6, 4328986.0,      89.6,     793.0,       0.0);         ( 561211.6,
            4328986.0,      93.0,     793.0,       0.0);
1765        ( 561311.6, 4328986.0,      92.2,     793.0,       0.0);         ( 561411.6,
            4328986.0,      76.9,     793.0,       0.0);
1766        ( 561511.6, 4328986.0,      78.1,     793.0,       0.0);         ( 561611.6,
            4328986.0,      86.6,     793.0,       0.0);
```

```
1767        ( 561711.6, 4328986.0,      89.2,     793.0,       0.0);         ( 561811.6,
            4328986.0,      84.9,     793.0,       0.0);
1768        ( 561911.6, 4328986.0,      90.7,     780.0,       0.0);         ( 562011.6,
            4328986.0,      94.5,     780.0,       0.0);
1769        ( 562111.6, 4328986.0,      84.8,     780.0,       0.0);         ( 562211.6,
            4328986.0,      96.0,     710.1,       0.0);
1770        ( 562311.6, 4328986.0,     101.3,     674.8,       0.0);         ( 562411.6,
            4328986.0,      88.4,     684.3,       0.0);
1771        ( 562511.6, 4328986.0,      83.6,     684.3,       0.0);         ( 562611.6,
            4328986.0,      84.6,     674.8,       0.0);
1772        ( 562711.6, 4328986.0,      86.9,     662.3,       0.0);         ( 562811.6,
            4328986.0,      83.0,     662.3,       0.0);
1773        ( 562911.6, 4328986.0,      86.8,      97.4,       0.0);         ( 563011.6,
            4328986.0,      89.6,      97.4,       0.0);
1774        ( 563111.6, 4328986.0,      78.2,      99.3,       0.0);         ( 563211.6,
            4328986.0,      83.1,      99.3,       0.0);
1775        ( 563311.6, 4328986.0,      84.8,      98.4,       0.0);         ( 563411.6,
            4328986.0,      85.9,      85.9,       0.0);
1776        ( 563511.6, 4328986.0,      86.0,      88.0,       0.0);         ( 563611.6,
            4328986.0,      80.6,     102.3,       0.0);
1777        ( 563711.6, 4328986.0,      82.5,      99.0,       0.0);         ( 563811.6,
            4328986.0,      87.2,      91.4,       0.0);
1778        ( 563911.6, 4328986.0,      88.9,      88.9,       0.0);         ( 564011.6,
            4328986.0,      86.0,      90.3,       0.0);
1779        ( 564111.6, 4328986.0,      83.8,      90.8,       0.0);         ( 564211.6,
            4328986.0,      73.8,      90.8,       0.0);
1780        ( 564311.6, 4328986.0,      76.6,      86.6,       0.0);         ( 564411.6,
            4328986.0,      78.7,     101.4,       0.0);
1781        ( 564511.6, 4328986.0,      79.5,     101.4,       0.0);         ( 564611.6,
            4328986.0,      95.3,     100.6,       0.0);
1782        ( 564711.6, 4328986.0,      89.5,      98.1,       0.0);         ( 564811.6,
            4328986.0,      84.8,      84.8,       0.0);
1783        ( 564911.6, 4328986.0,      83.2,      83.2,       0.0);         ( 565011.6,
            4328986.0,      85.8,      85.8,       0.0);
1784        ( 565111.6, 4328986.0,      85.1,      89.0,       0.0);         ( 565211.6,
            4328986.0,      83.6,      83.6,       0.0);
1785        ( 565311.6, 4328986.0,      79.2,      79.2,       0.0);         ( 565411.6,
            4328986.0,      78.6,      91.6,       0.0);
1786        ( 565511.6, 4328986.0,      90.4,      90.4,       0.0);         ( 565611.6,
            4328986.0,      86.6,      88.8,       0.0);
1787        ( 565711.6, 4328986.0,      85.0,      90.0,       0.0);         ( 565811.6,
            4328986.0,      80.4,      90.5,       0.0);
1788        ( 565911.6, 4328986.0,      76.6,      82.9,       0.0);         ( 566011.6,
            4328986.0,      78.8,      78.8,       0.0);
1789        ( 566111.6, 4328986.0,      81.9,      81.9,       0.0);         ( 566211.6,
            4328986.0,      78.7,      78.7,       0.0);
1790        ( 566311.6, 4328986.0,      75.3,      75.3,       0.0);         ( 566411.6,
            4328986.0,      74.0,      74.0,       0.0);
1791        ( 566511.6, 4328986.0,      70.7,      70.7,       0.0);         ( 560111.6,
            4329086.0,     100.3,     793.0,       0.0);
1792        ( 560211.6, 4329086.0,     106.6,     793.0,       0.0);         ( 560311.6,
            4329086.0,      93.9,     793.0,       0.0);
1793        ( 560411.6, 4329086.0,      90.6,     793.0,       0.0);         ( 560511.6,
            4329086.0,      89.5,     793.0,       0.0);
1794        ( 560611.6, 4329086.0,     100.3,     793.0,       0.0);         ( 560711.6,
            4329086.0,      96.4,     793.0,       0.0);
1795        ( 560811.6, 4329086.0,      95.3,     793.0,       0.0);         ( 560911.6,
            4329086.0,      93.1,     793.0,       0.0);
1796        ( 561011.6, 4329086.0,      92.9,     793.0,       0.0);         ( 561111.6,
            4329086.0,      96.1,     793.0,       0.0);
1797        ( 561211.6, 4329086.0,      96.5,     793.0,       0.0);         ( 561311.6,
            4329086.0,      90.8,     793.0,       0.0);
1798        ( 561411.6, 4329086.0,      81.2,     793.0,       0.0);         ( 561511.6,
            4329086.0,      76.0,     793.0,       0.0);
1799        ( 561611.6, 4329086.0,      91.5,     793.0,       0.0);         ( 561711.6,
            4329086.0,      91.4,     780.0,       0.0);
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(561811.6, 4329086.0, 82.8, 793.0, 0.0); (561911.6, 4329086.0, 83.9, 780.0, 0.0);
(562011.6, 4329086.0, 94.9, 710.1, 0.0); (562111.6, 4329086.0, 81.5, 780.0, 0.0);
(562211.6, 4329086.0, 89.3, 684.3, 0.0); (562311.6, 4329086.0, 95.1, 674.8, 0.0);
(562411.6, 4329086.0, 88.6, 674.8, 0.0); (562511.6, 4329086.0, 85.9, 674.8, 0.0);
(562611.6, 4329086.0, 84.0, 669.4, 0.0); (562711.6, 4329086.0, 78.9, 667.7, 0.0);
(562811.6, 4329086.0, 79.6, 662.3, 0.0); (562911.6, 4329086.0, 85.3, 93.8, 0.0);
(563011.6, 4329086.0, 88.9, 88.9, 0.0); (563111.6, 4329086.0, 79.2, 97.0, 0.0);
(563211.6, 4329086.0, 86.5, 89.2, 0.0); (563311.6, 4329086.0, 86.4, 87.3, 0.0);
(563411.6, 4329086.0, 80.1, 80.1, 0.0); (563511.6, 4329086.0, 80.1, 88.7, 0.0);
(563611.6, 4329086.0, 84.5, 84.5, 0.0); (563711.6, 4329086.0, 82.1, 83.2, 0.0);
(563811.6, 4329086.0, 77.3, 91.4, 0.0); (563911.6, 4329086.0, 82.3, 90.6, 0.0);
(564011.6, 4329086.0, 85.3, 90.6, 0.0); (564111.6, 4329086.0, 87.6, 90.1, 0.0);
(564211.6, 4329086.0, 75.4, 90.8, 0.0); (564311.6, 4329086.0, 77.1, 86.6, 0.0);
(564411.6, 4329086.0, 80.3, 86.6, 0.0); (564511.6, 4329086.0, 78.9, 101.4, 0.0);
(564611.6, 4329086.0, 97.8, 97.8, 0.0); (564711.6, 4329086.0, 92.2, 92.2, 0.0);
(564811.6, 4329086.0, 89.4, 89.4, 0.0); (564911.6, 4329086.0, 86.4, 86.4, 0.0);
(565011.6, 4329086.0, 82.8, 82.8, 0.0); (565111.6, 4329086.0, 81.0, 81.0, 0.0);
(565211.6, 4329086.0, 79.3, 79.3, 0.0); (565311.6, 4329086.0, 78.1, 78.1, 0.0);
(565411.6, 4329086.0, 86.7, 86.7, 0.0); (565511.6, 4329086.0, 89.2, 89.2, 0.0);
(565611.6, 4329086.0, 82.7, 82.7, 0.0); (565711.6, 4329086.0, 81.1, 81.1, 0.0);
(565811.6, 4329086.0, 83.0, 83.0, 0.0); (565911.6, 4329086.0, 82.2, 82.2, 0.0);
(566011.6, 4329086.0, 77.1, 82.1, 0.0); (566111.6, 4329086.0, 75.3, 78.9, 0.0);
(566211.6, 4329086.0, 70.8, 76.8, 0.0); (566311.6, 4329086.0, 71.5, 74.6, 0.0);
(566411.6, 4329086.0, 70.5, 72.4, 0.0); (566511.6, 4329086.0, 68.9, 68.9, 0.0);
(560111.6, 4329186.0, 99.8, 793.0, 0.0); (560211.6, 4329186.0, 98.5, 793.0, 0.0);
(560311.6, 4329186.0, 94.1, 793.0, 0.0); (560411.6, 4329186.0, 87.9, 793.0, 0.0);
(560511.6, 4329186.0, 86.6, 793.0, 0.0); (560611.6, 4329186.0, 87.4, 793.0, 0.0);

```
1836        ( 560711.6, 4329186.0,      90.1,     793.0,       0.0);         ( 560811.6,
            4329186.0,     101.1,     793.0,       0.0);
1837        ( 560911.6, 4329186.0,      98.3,     793.0,       0.0);         ( 561011.6,
            4329186.0,      90.0,     793.0,       0.0);
1838        ( 561111.6, 4329186.0,      95.7,     793.0,       0.0);         ( 561211.6,
            4329186.0,     100.0,     793.0,       0.0);
1839        ( 561311.6, 4329186.0,      91.0,     793.0,       0.0);         ( 561411.6,
            4329186.0,      83.7,     793.0,       0.0);
1840        ( 561511.6, 4329186.0,      75.0,     793.0,       0.0);         ( 561611.6,
            4329186.0,      80.2,     793.0,       0.0);
1841        ( 561711.6, 4329186.0,      84.4,     780.0,       0.0);         ( 561811.6,
            4329186.0,      83.6,     780.0,       0.0);
1842        ( 561911.6, 4329186.0,      82.3,     780.0,       0.0);         ( 562011.6,
            4329186.0,      93.3,     684.3,       0.0);
1843        ( 562111.6, 4329186.0,      78.5,     780.0,       0.0);         ( 562211.6,
            4329186.0,      93.3,     674.8,       0.0);
1844        ( 562311.6, 4329186.0,      92.6,     674.8,       0.0);         ( 562411.6,
            4329186.0,      89.9,     669.4,       0.0);
1845        ( 562511.6, 4329186.0,      88.2,     662.3,       0.0);         ( 562611.6,
            4329186.0,      87.0,     662.3,       0.0);
1846        ( 562711.6, 4329186.0,      80.8,     662.3,       0.0);         ( 562811.6,
            4329186.0,      77.3,     662.3,       0.0);
1847        ( 562911.6, 4329186.0,      75.1,      93.8,       0.0);         ( 563011.6,
            4329186.0,      79.4,      93.4,       0.0);
1848        ( 563111.6, 4329186.0,      75.7,      88.2,       0.0);         ( 563211.6,
            4329186.0,      78.6,      89.3,       0.0);
1849        ( 563311.6, 4329186.0,      83.0,      83.0,       0.0);         ( 563411.6,
            4329186.0,      82.4,      82.4,       0.0);
1850        ( 563511.6, 4329186.0,      80.3,      82.2,       0.0);         ( 563611.6,
            4329186.0,      78.1,      86.1,       0.0);
1851        ( 563711.6, 4329186.0,      80.3,      80.3,       0.0);         ( 563811.6,
            4329186.0,      77.3,      77.3,       0.0);
1852        ( 563911.6, 4329186.0,      73.4,      90.7,       0.0);         ( 564011.6,
            4329186.0,      73.8,      90.8,       0.0);
1853        ( 564111.6, 4329186.0,      73.9,      90.8,       0.0);         ( 564211.6,
            4329186.0,      71.3,      90.8,       0.0);
1854    FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
        DPM                        ***         11/14/24
1855     *** AERMET - VERSION  19191 ***   *** Met data: Oroville
         2015-2019                                          ***       11:46:05
1856
                                    PAGE  35
1857     *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
1858
1859                                                *** DISCRETE CARTESIAN RECEPTORS ***
1860                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
1861                                                           (METERS)
1862
1863        ( 564311.6, 4329186.0,      70.2,      86.6,       0.0);         ( 564411.6,
            4329186.0,      71.2,      98.6,       0.0);
1864        ( 564511.6, 4329186.0,      73.4,     101.1,       0.0);         ( 564611.6,
            4329186.0,      89.4,      89.4,       0.0);
1865        ( 564711.6, 4329186.0,      85.8,      91.5,       0.0);         ( 564811.6,
            4329186.0,      82.3,      82.3,       0.0);
1866        ( 564911.6, 4329186.0,      82.5,      82.5,       0.0);         ( 565011.6,
            4329186.0,      81.5,      81.5,       0.0);
1867        ( 565111.6, 4329186.0,      80.4,      80.4,       0.0);         ( 565211.6,
            4329186.0,      80.1,      80.1,       0.0);
1868        ( 565311.6, 4329186.0,      83.1,      83.1,       0.0);         ( 565411.6,
            4329186.0,      82.7,      89.5,       0.0);
1869        ( 565511.6, 4329186.0,      88.4,      88.4,       0.0);         ( 565611.6,
            4329186.0,      85.0,      85.0,       0.0);
1870        ( 565711.6, 4329186.0,      82.1,      83.0,       0.0);         ( 565811.6,
            4329186.0,      80.6,      80.6,       0.0);
1871        ( 565911.6, 4329186.0,      80.4,      80.4,       0.0);         ( 566011.6,
            4329186.0,      74.5,      74.5,       0.0);
```

```
1872        ( 566111.6, 4329186.0,      68.5,      76.8,       0.0);         ( 566211.6,
            4329186.0,      65.9,      70.8,       0.0);
1873        ( 566311.6, 4329186.0,      69.5,      69.5,       0.0);         ( 566411.6,
            4329186.0,      70.8,      70.8,       0.0);
1874        ( 566511.6, 4329186.0,      63.3,      63.3,       0.0);         ( 560111.6,
            4329286.0,     100.6,     793.0,       0.0);
1875        ( 560211.6, 4329286.0,      96.1,     793.0,       0.0);         ( 560311.6,
            4329286.0,      92.4,     793.0,       0.0);
1876        ( 560411.6, 4329286.0,      88.7,     793.0,       0.0);         ( 560511.6,
            4329286.0,      86.1,     793.0,       0.0);
1877        ( 560611.6, 4329286.0,      85.5,     793.0,       0.0);         ( 560711.6,
            4329286.0,      83.5,     793.0,       0.0);
1878        ( 560811.6, 4329286.0,      86.8,     793.0,       0.0);         ( 560911.6,
            4329286.0,      83.4,     793.0,       0.0);
1879        ( 561011.6, 4329286.0,      82.7,     793.0,       0.0);         ( 561111.6,
            4329286.0,      84.2,     793.0,       0.0);
1880        ( 561211.6, 4329286.0,     103.4,     780.0,       0.0);         ( 561311.6,
            4329286.0,      98.8,     780.0,       0.0);
1881        ( 561411.6, 4329286.0,      88.2,     792.5,       0.0);         ( 561511.6,
            4329286.0,      80.0,     793.0,       0.0);
1882        ( 561611.6, 4329286.0,      73.4,     793.0,       0.0);         ( 561711.6,
            4329286.0,      73.7,     792.5,       0.0);
1883        ( 561811.6, 4329286.0,      83.2,     780.0,       0.0);         ( 561911.6,
            4329286.0,      75.2,     780.0,       0.0);
1884        ( 562011.6, 4329286.0,      87.9,     684.3,       0.0);         ( 562111.6,
            4329286.0,      76.7,     710.1,       0.0);
1885        ( 562211.6, 4329286.0,      92.5,     674.8,       0.0);         ( 562311.6,
            4329286.0,      86.9,     674.8,       0.0);
1886        ( 562411.6, 4329286.0,      88.8,     662.3,       0.0);         ( 562511.6,
            4329286.0,      85.7,     662.3,       0.0);
1887        ( 562611.6, 4329286.0,      82.9,     662.3,       0.0);         ( 562711.6,
            4329286.0,      84.9,      84.9,       0.0);
1888        ( 562811.6, 4329286.0,      86.4,      86.4,       0.0);         ( 562911.6,
            4329286.0,      83.5,      83.5,       0.0);
1889        ( 563011.6, 4329286.0,      76.9,      84.6,       0.0);         ( 563111.6,
            4329286.0,      71.6,      83.8,       0.0);
1890        ( 563211.6, 4329286.0,      80.4,      80.4,       0.0);         ( 563311.6,
            4329286.0,      78.6,      78.6,       0.0);
1891        ( 563411.6, 4329286.0,      82.4,      82.4,       0.0);         ( 563511.6,
            4329286.0,      78.8,      80.2,       0.0);
1892        ( 563611.6, 4329286.0,      74.0,      79.3,       0.0);         ( 563711.6,
            4329286.0,      78.6,      78.6,       0.0);
1893        ( 563811.6, 4329286.0,      76.6,      76.6,       0.0);         ( 563911.6,
            4329286.0,      76.2,      76.2,       0.0);
1894        ( 564011.6, 4329286.0,      73.1,      73.1,       0.0);         ( 564111.6,
            4329286.0,      70.8,      70.8,       0.0);
1895        ( 564211.6, 4329286.0,      68.7,      68.7,       0.0);         ( 564311.6,
            4329286.0,      68.9,      68.9,       0.0);
1896        ( 564411.6, 4329286.0,      72.4,      99.3,       0.0);         ( 564511.6,
            4329286.0,      74.0,      99.3,       0.0);
1897        ( 564611.6, 4329286.0,      90.9,      96.5,       0.0);         ( 564711.6,
            4329286.0,      85.7,      98.0,       0.0);
1898        ( 564811.6, 4329286.0,      81.2,      83.1,       0.0);         ( 564911.6,
            4329286.0,      83.5,      83.5,       0.0);
1899        ( 565011.6, 4329286.0,      83.2,      83.2,       0.0);         ( 565111.6,
            4329286.0,      86.3,      86.3,       0.0);
1900        ( 565211.6, 4329286.0,      74.7,      86.8,       0.0);         ( 565311.6,
            4329286.0,      82.1,      82.1,       0.0);
1901        ( 565411.6, 4329286.0,      78.9,      88.8,       0.0);         ( 565511.6,
            4329286.0,      86.4,      86.4,       0.0);
1902        ( 565611.6, 4329286.0,      79.6,      81.0,       0.0);         ( 565711.6,
            4329286.0,      76.5,      81.8,       0.0);
1903        ( 565811.6, 4329286.0,      75.1,      81.9,       0.0);         ( 565911.6,
            4329286.0,      79.1,      79.1,       0.0);
1904        ( 566011.6, 4329286.0,      73.0,      73.0,       0.0);         ( 566111.6,
            4329286.0,      74.2,      74.2,       0.0);
```

```
1905        ( 566211.6, 4329286.0,      63.6,      74.5,       0.0);         ( 566311.6,
            4329286.0,      69.4,      69.4,       0.0);
1906        ( 566411.6, 4329286.0,      65.0,      65.0,       0.0);         ( 566511.6,
            4329286.0,      61.7,      61.7,       0.0);
1907        ( 560111.6, 4329386.0,      96.2,     793.0,       0.0);         ( 560211.6,
            4329386.0,      94.9,     793.0,       0.0);
1908    FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
        DPM                         ***        11/14/24
1909     *** AERMET - VERSION  19191 ***   *** Met data: Oroville
         2015-2019                                          ***        11:46:05
1910
                                    PAGE  36
1911     *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
1912
1913                                                  *** DISCRETE CARTESIAN RECEPTORS ***
1914                                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
1915                                                          (METERS)
1916
1917        ( 560311.6, 4329386.0,      87.4,     793.0,       0.0);         ( 560411.6,
            4329386.0,      83.9,     793.0,       0.0);
1918        ( 560511.6, 4329386.0,      84.6,     793.0,       0.0);         ( 560611.6,
            4329386.0,      82.3,     793.0,       0.0);
1919        ( 560711.6, 4329386.0,      83.0,     793.0,       0.0);         ( 560811.6,
            4329386.0,      81.8,     793.0,       0.0);
1920        ( 560911.6, 4329386.0,      80.0,     793.0,       0.0);         ( 561011.6,
            4329386.0,      78.4,     793.0,       0.0);
1921        ( 561111.6, 4329386.0,      77.6,     793.0,       0.0);         ( 561211.6,
            4329386.0,      80.8,     793.0,       0.0);
1922        ( 561311.6, 4329386.0,      88.9,     780.0,       0.0);         ( 561411.6,
            4329386.0,      90.8,     780.0,       0.0);
1923        ( 561511.6, 4329386.0,      82.9,     780.0,       0.0);         ( 561611.6,
            4329386.0,      78.3,     780.0,       0.0);
1924        ( 561711.6, 4329386.0,      74.0,     780.0,       0.0);         ( 561811.6,
            4329386.0,      70.6,     780.0,       0.0);
1925        ( 561911.6, 4329386.0,      70.0,     780.0,       0.0);         ( 562011.6,
            4329386.0,      73.0,     710.1,       0.0);
1926        ( 562111.6, 4329386.0,      75.5,     684.3,       0.0);         ( 562211.6,
            4329386.0,      76.6,     674.8,       0.0);
1927        ( 562311.6, 4329386.0,      84.6,     669.4,       0.0);         ( 562411.6,
            4329386.0,      90.3,     662.3,       0.0);
1928        ( 562511.6, 4329386.0,      89.0,     661.3,       0.0);         ( 562611.6,
            4329386.0,      86.7,     598.4,       0.0);
1929        ( 562711.6, 4329386.0,      91.7,      91.7,       0.0);         ( 562811.6,
            4329386.0,      85.7,      87.4,       0.0);
1930        ( 562911.6, 4329386.0,      80.7,      80.7,       0.0);         ( 563011.6,
            4329386.0,      84.5,      84.5,       0.0);
1931        ( 563111.6, 4329386.0,      71.6,      85.0,       0.0);         ( 563211.6,
            4329386.0,      76.5,      76.5,       0.0);
1932        ( 563311.6, 4329386.0,      75.1,      75.1,       0.0);         ( 563411.6,
            4329386.0,      81.4,      81.4,       0.0);
1933        ( 563511.6, 4329386.0,      80.2,      80.2,       0.0);         ( 563611.6,
            4329386.0,      73.2,      84.0,       0.0);
1934        ( 563711.6, 4329386.0,      82.2,      82.2,       0.0);         ( 563811.6,
            4329386.0,      79.7,      79.7,       0.0);
1935        ( 563911.6, 4329386.0,      75.0,      82.0,       0.0);         ( 564011.6,
            4329386.0,      71.9,      71.9,       0.0);
1936        ( 564111.6, 4329386.0,      74.7,      74.7,       0.0);         ( 564211.6,
            4329386.0,      67.5,      67.5,       0.0);
1937        ( 564311.6, 4329386.0,      69.0,      99.3,       0.0);         ( 564411.6,
            4329386.0,      76.8,      99.3,       0.0);
1938        ( 564511.6, 4329386.0,      77.2,      99.3,       0.0);         ( 564611.6,
            4329386.0,      98.3,      98.3,       0.0);
1939        ( 564711.6, 4329386.0,      88.3,      99.1,       0.0);         ( 564811.6,
            4329386.0,      83.9,      85.1,       0.0);
1940        ( 564911.6, 4329386.0,      86.2,      86.2,       0.0);         ( 565011.6,
            4329386.0,      87.1,      87.1,       0.0);
```

```
1941        ( 565111.6, 4329386.0,      84.1,      86.6,       0.0);         ( 565211.6,
            4329386.0,      76.6,      85.9,       0.0);
1942        ( 565311.6, 4329386.0,      76.8,      79.6,       0.0);         ( 565411.6,
            4329386.0,      72.8,      88.0,       0.0);
1943        ( 565511.6, 4329386.0,      78.8,      82.1,       0.0);         ( 565611.6,
            4329386.0,      74.1,      80.9,       0.0);
1944        ( 565711.6, 4329386.0,      76.8,      79.0,       0.0);         ( 565811.6,
            4329386.0,      70.7,      80.9,       0.0);
1945        ( 565911.6, 4329386.0,      76.7,      76.7,       0.0);         ( 566011.6,
            4329386.0,      72.9,      72.9,       0.0);
1946        ( 566111.6, 4329386.0,      66.9,      74.2,       0.0);         ( 566211.6,
            4329386.0,      62.1,      72.5,       0.0);
1947        ( 566311.6, 4329386.0,      66.1,      66.1,       0.0);         ( 566411.6,
            4329386.0,      62.0,      62.0,       0.0);
1948        ( 566511.6, 4329386.0,      58.0,      58.0,       0.0);         ( 560111.6,
            4329486.0,      93.2,     793.0,       0.0);
1949        ( 560211.6, 4329486.0,      91.5,     793.0,       0.0);         ( 560311.6,
            4329486.0,      85.0,     793.0,       0.0);
1950        ( 560411.6, 4329486.0,      82.8,     793.0,       0.0);         ( 560511.6,
            4329486.0,      83.1,     793.0,       0.0);
1951        ( 560611.6, 4329486.0,      81.9,     793.0,       0.0);         ( 560711.6,
            4329486.0,      80.6,     793.0,       0.0);
1952        ( 560811.6, 4329486.0,      79.7,     793.0,       0.0);         ( 560911.6,
            4329486.0,      78.8,     793.0,       0.0);
1953        ( 561011.6, 4329486.0,      78.0,     793.0,       0.0);         ( 561111.6,
            4329486.0,      76.8,     793.0,       0.0);
1954        ( 561211.6, 4329486.0,      75.7,     793.0,       0.0);         ( 561311.6,
            4329486.0,      74.9,     792.5,       0.0);
1955        ( 561411.6, 4329486.0,      81.4,     780.0,       0.0);         ( 561511.6,
            4329486.0,      86.7,     710.1,       0.0);
1956        ( 561611.6, 4329486.0,      81.7,     710.1,       0.0);         ( 561711.6,
            4329486.0,      84.8,     710.1,       0.0);
1957        ( 561811.6, 4329486.0,      81.2,     684.3,       0.0);         ( 561911.6,
            4329486.0,      82.1,     684.3,       0.0);
1958        ( 562011.6, 4329486.0,      70.8,     684.3,       0.0);         ( 562111.6,
            4329486.0,      74.0,     684.3,       0.0);
1959        ( 562211.6, 4329486.0,      72.9,     674.8,       0.0);         ( 562311.6,
            4329486.0,      77.2,     669.4,       0.0);
1960        ( 562411.6, 4329486.0,      81.3,     662.3,       0.0);         ( 562511.6,
            4329486.0,      87.3,     598.4,       0.0);
1961        ( 562611.6, 4329486.0,      83.7,     598.4,       0.0);         ( 562711.6,
            4329486.0,      85.8,      85.8,       0.0);
1962    FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
        DPM                         ***        11/14/24
1963     *** AERMET - VERSION  19191 ***   *** Met data: Oroville
         2015-2019                                          ***       11:46:05
1964
                                    PAGE  37
1965     *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
1966
1967                                              *** DISCRETE CARTESIAN RECEPTORS ***
1968                                             (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
1969                                                          (METERS)
1970
1971        ( 562811.6, 4329486.0,      83.2,      83.2,       0.0);         ( 562911.6,
            4329486.0,      77.8,      77.8,       0.0);
1972        ( 563011.6, 4329486.0,      77.4,      82.2,       0.0);         ( 563111.6,
            4329486.0,      73.4,      82.5,       0.0);
1973        ( 563211.6, 4329486.0,      74.9,      80.6,       0.0);         ( 563311.6,
            4329486.0,      72.5,      80.6,       0.0);
1974        ( 563411.6, 4329486.0,      79.1,      79.1,       0.0);         ( 563511.6,
            4329486.0,      76.4,      76.4,       0.0);
1975        ( 563611.6, 4329486.0,      71.8,      83.8,       0.0);         ( 563711.6,
            4329486.0,      80.0,      80.0,       0.0);
1976        ( 563811.6, 4329486.0,      75.9,      75.9,       0.0);         ( 563911.6,
            4329486.0,      76.0,      81.6,       0.0);
```

```
1977        ( 564011.6, 4329486.0,      70.3,      81.8,       0.0);         ( 564111.6,
            4329486.0,      76.6,      76.6,       0.0);
1978        ( 564211.6, 4329486.0,      66.5,      77.5,       0.0);         ( 564311.6,
            4329486.0,      71.0,      98.9,       0.0);
1979        ( 564411.6, 4329486.0,      73.8,      99.3,       0.0);         ( 564511.6,
            4329486.0,      86.1,      99.3,       0.0);
1980        ( 564611.6, 4329486.0,      92.2,      99.3,       0.0);         ( 564711.6,
            4329486.0,      77.1,      99.3,       0.0);
1981        ( 564811.6, 4329486.0,      86.5,      86.5,       0.0);         ( 564911.6,
            4329486.0,      80.5,      87.6,       0.0);
1982        ( 565011.6, 4329486.0,      88.7,      88.7,       0.0);         ( 565111.6,
            4329486.0,      82.0,      84.1,       0.0);
1983        ( 565211.6, 4329486.0,      72.9,      72.9,       0.0);         ( 565311.6,
            4329486.0,      72.3,      72.3,       0.0);
1984        ( 565411.6, 4329486.0,      70.8,      77.5,       0.0);         ( 565511.6,
            4329486.0,      75.5,      77.5,       0.0);
1985        ( 565611.6, 4329486.0,      68.4,      68.4,       0.0);         ( 565711.6,
            4329486.0,      76.1,      76.1,       0.0);
1986        ( 565811.6, 4329486.0,      66.2,      77.3,       0.0);         ( 565911.6,
            4329486.0,      72.1,      72.1,       0.0);
1987        ( 566011.6, 4329486.0,      68.8,      70.0,       0.0);         ( 566111.6,
            4329486.0,      66.5,      66.5,       0.0);
1988        ( 566211.6, 4329486.0,      60.5,      60.5,       0.0);         ( 566311.6,
            4329486.0,      61.8,      61.8,       0.0);
1989        ( 566411.6, 4329486.0,      60.5,      60.5,       0.0);         ( 566511.6,
            4329486.0,      59.1,      59.1,       0.0);
1990        ( 560111.6, 4329586.0,      90.0,     793.0,       0.0);         ( 560211.6,
            4329586.0,      86.3,     793.0,       0.0);
1991        ( 560311.6, 4329586.0,      84.4,     793.0,       0.0);         ( 560411.6,
            4329586.0,      81.0,     793.0,       0.0);
1992        ( 560511.6, 4329586.0,      81.9,     793.0,       0.0);         ( 560611.6,
            4329586.0,      81.1,     793.0,       0.0);
1993        ( 560711.6, 4329586.0,      80.5,     793.0,       0.0);         ( 560811.6,
            4329586.0,      79.0,     793.0,       0.0);
1994        ( 560911.6, 4329586.0,      78.1,     793.0,       0.0);         ( 561011.6,
            4329586.0,      76.3,     793.0,       0.0);
1995        ( 561111.6, 4329586.0,      75.9,     780.0,       0.0);         ( 561211.6,
            4329586.0,      75.0,     780.0,       0.0);
1996        ( 561311.6, 4329586.0,      73.8,     780.0,       0.0);         ( 561411.6,
            4329586.0,      73.3,     780.0,       0.0);
1997        ( 561511.6, 4329586.0,      72.7,     780.0,       0.0);         ( 561611.6,
            4329586.0,      74.5,     710.1,       0.0);
1998        ( 561711.6, 4329586.0,      77.0,     709.8,       0.0);         ( 561811.6,
            4329586.0,      83.1,     684.3,       0.0);
1999        ( 561911.6, 4329586.0,      86.5,     674.8,       0.0);         ( 562011.6,
            4329586.0,      86.6,     669.4,       0.0);
2000        ( 562111.6, 4329586.0,      70.8,     674.8,       0.0);         ( 562211.6,
            4329586.0,      68.6,     674.8,       0.0);
2001        ( 562311.6, 4329586.0,      73.1,     667.7,       0.0);         ( 562411.6,
            4329586.0,      75.2,     662.3,       0.0);
2002        ( 562511.6, 4329586.0,      84.1,     598.4,       0.0);         ( 562611.6,
            4329586.0,      78.0,     598.4,       0.0);
2003        ( 562711.6, 4329586.0,      83.2,      83.2,       0.0);         ( 562811.6,
            4329586.0,      81.4,      81.4,       0.0);
2004        ( 562911.6, 4329586.0,      78.5,      78.5,       0.0);         ( 563011.6,
            4329586.0,      73.4,      73.4,       0.0);
2005        ( 563111.6, 4329586.0,      69.7,      69.7,       0.0);         ( 563211.6,
            4329586.0,      68.1,      80.4,       0.0);
2006        ( 563311.6, 4329586.0,      69.1,      69.1,       0.0);         ( 563411.6,
            4329586.0,      73.6,      73.6,       0.0);
2007        ( 563511.6, 4329586.0,      72.6,      72.6,       0.0);         ( 563611.6,
            4329586.0,      70.4,      81.1,       0.0);
2008        ( 563711.6, 4329586.0,      74.1,      74.1,       0.0);         ( 563811.6,
            4329586.0,      75.2,      80.9,       0.0);
2009        ( 563911.6, 4329586.0,      80.1,      80.1,       0.0);         ( 564011.6,
            4329586.0,      69.8,      81.9,       0.0);
```

(564111.6, 4329586.0, 70.7, 70.7, 0.0); (564211.6, 4329586.0, 66.3, 98.7, 0.0);
(564311.6, 4329586.0, 69.5, 98.9, 0.0); (564411.6, 4329586.0, 72.5, 99.3, 0.0);
(564511.6, 4329586.0, 96.7, 98.3, 0.0); (564611.6, 4329586.0, 92.8, 98.5, 0.0);
(564711.6, 4329586.0, 77.9, 99.3, 0.0); (564811.6, 4329586.0, 78.6, 84.1, 0.0);
(564911.6, 4329586.0, 76.8, 88.2, 0.0); (565011.6, 4329586.0, 84.0, 85.2, 0.0);
(565111.6, 4329586.0, 81.3, 81.3, 0.0); (565211.6, 4329586.0, 72.3, 72.3, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(565311.6, 4329586.0, 67.0, 71.7, 0.0); (565411.6, 4329586.0, 71.6, 71.6, 0.0);
(565511.6, 4329586.0, 67.6, 77.8, 0.0); (565611.6, 4329586.0, 66.1, 77.3, 0.0);
(565711.6, 4329586.0, 75.0, 75.5, 0.0); (565811.6, 4329586.0, 64.3, 77.3, 0.0);
(565911.6, 4329586.0, 72.1, 72.1, 0.0); (566011.6, 4329586.0, 65.1, 72.3, 0.0);
(566111.6, 4329586.0, 65.5, 65.5, 0.0); (566211.6, 4329586.0, 59.6, 59.6, 0.0);
(566311.6, 4329586.0, 60.0, 60.0, 0.0); (566411.6, 4329586.0, 58.5, 58.5, 0.0);
(566511.6, 4329586.0, 58.5, 58.5, 0.0); (560111.6, 4329686.0, 90.6, 793.0, 0.0);
(560211.6, 4329686.0, 84.9, 793.0, 0.0); (560311.6, 4329686.0, 83.0, 793.0, 0.0);
(560411.6, 4329686.0, 81.4, 793.0, 0.0); (560511.6, 4329686.0, 79.1, 793.0, 0.0);
(560611.6, 4329686.0, 79.8, 793.0, 0.0); (560711.6, 4329686.0, 78.8, 793.0, 0.0);
(560811.6, 4329686.0, 77.5, 780.0, 0.0); (560911.6, 4329686.0, 76.6, 780.0, 0.0);
(561011.6, 4329686.0, 75.9, 780.0, 0.0); (561111.6, 4329686.0, 74.9, 780.0, 0.0);
(561211.6, 4329686.0, 74.5, 780.0, 0.0); (561311.6, 4329686.0, 72.9, 780.0, 0.0);
(561411.6, 4329686.0, 72.4, 710.1, 0.0); (561511.6, 4329686.0, 72.1, 710.1, 0.0);
(561611.6, 4329686.0, 71.7, 710.1, 0.0); (561711.6, 4329686.0, 71.8, 684.3, 0.0);
(561811.6, 4329686.0, 72.5, 684.3, 0.0); (561911.6, 4329686.0, 72.1, 674.8, 0.0);
(562011.6, 4329686.0, 73.1, 674.8, 0.0); (562111.6, 4329686.0, 74.4, 669.4, 0.0);
(562211.6, 4329686.0, 67.2, 669.4, 0.0); (562311.6, 4329686.0, 68.7, 662.3, 0.0);
(562411.6, 4329686.0, 71.9, 662.3, 0.0); (562511.6, 4329686.0, 82.3, 598.4, 0.0);
(562611.6, 4329686.0, 75.3, 588.7, 0.0); (562711.6, 4329686.0, 80.6, 80.6, 0.0);
(562811.6, 4329686.0, 78.5, 78.5, 0.0); (562911.6, 4329686.0, 75.5, 75.5, 0.0);

```
2046        ( 563011.6, 4329686.0,      76.9,      76.9,       0.0);         ( 563111.6,
            4329686.0,      74.9,      74.9,       0.0);
2047        ( 563211.6, 4329686.0,      68.3,      68.3,       0.0);         ( 563311.6,
            4329686.0,      67.1,      74.0,       0.0);
2048        ( 563411.6, 4329686.0,      75.1,      75.1,       0.0);         ( 563511.6,
            4329686.0,      72.8,      72.8,       0.0);
2049        ( 563611.6, 4329686.0,      70.2,      70.2,       0.0);         ( 563711.6,
            4329686.0,      68.7,      68.7,       0.0);
2050        ( 563811.6, 4329686.0,      71.6,      71.6,       0.0);         ( 563911.6,
            4329686.0,      72.9,      72.9,       0.0);
2051        ( 564011.6, 4329686.0,      67.9,      67.9,       0.0);         ( 564111.6,
            4329686.0,      67.5,      67.5,       0.0);
2052        ( 564211.6, 4329686.0,      65.6,      98.3,       0.0);         ( 564311.6,
            4329686.0,      69.1,      98.9,       0.0);
2053        ( 564411.6, 4329686.0,      72.8,      98.9,       0.0);         ( 564511.6,
            4329686.0,      88.9,      98.7,       0.0);
2054        ( 564611.6, 4329686.0,      81.2,      98.9,       0.0);         ( 564711.6,
            4329686.0,      72.4,      98.9,       0.0);
2055        ( 564811.6, 4329686.0,      79.2,      80.2,       0.0);         ( 564911.6,
            4329686.0,      72.8,      85.8,       0.0);
2056        ( 565011.6, 4329686.0,      73.2,      86.8,       0.0);         ( 565111.6,
            4329686.0,      75.6,      78.4,       0.0);
2057        ( 565211.6, 4329686.0,      70.7,      70.7,       0.0);         ( 565311.6,
            4329686.0,      69.2,      73.3,       0.0);
2058        ( 565411.6, 4329686.0,      71.9,      71.9,       0.0);         ( 565511.6,
            4329686.0,      64.9,      64.9,       0.0);
2059        ( 565611.6, 4329686.0,      62.8,      62.8,       0.0);         ( 565711.6,
            4329686.0,      63.3,      77.1,       0.0);
2060        ( 565811.6, 4329686.0,      65.1,      65.1,       0.0);         ( 565911.6,
            4329686.0,      65.5,      65.5,       0.0);
2061        ( 566011.6, 4329686.0,      64.4,      64.4,       0.0);         ( 566111.6,
            4329686.0,      61.4,      61.4,       0.0);
2062        ( 566211.6, 4329686.0,      58.6,      58.6,       0.0);         ( 566311.6,
            4329686.0,      56.1,      59.1,       0.0);
2063        ( 566411.6, 4329686.0,      55.0,      55.0,       0.0);         ( 566511.6,
            4329686.0,      57.3,      57.3,       0.0);
2064        ( 560111.6, 4329786.0,      89.7,     792.5,       0.0);         ( 560211.6,
            4329786.0,      85.6,     793.0,       0.0);
2065        ( 560311.6, 4329786.0,      82.0,     793.0,       0.0);         ( 560411.6,
            4329786.0,      80.9,     792.5,       0.0);
2066        ( 560511.6, 4329786.0,      78.1,     780.0,       0.0);         ( 560611.6,
            4329786.0,      78.5,     780.0,       0.0);
2067        ( 560711.6, 4329786.0,      77.8,     780.0,       0.0);         ( 560811.6,
            4329786.0,      76.8,     780.0,       0.0);
2068        ( 560911.6, 4329786.0,      75.6,     780.0,       0.0);         ( 561011.6,
            4329786.0,      75.2,     780.0,       0.0);
2069        ( 561111.6, 4329786.0,      74.1,     780.0,       0.0);         ( 561211.6,
            4329786.0,      73.5,     710.1,       0.0);
2070    FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
        DPM                        ***        11/14/24
2071     *** AERMET - VERSION  19191 ***   *** Met data: Oroville
         2015-2019                                          ***        11:46:05
2072
                                    PAGE  39
2073     *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
2074
2075                                              *** DISCRETE CARTESIAN RECEPTORS ***
2076                                            (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
2077                                                          (METERS)
2078
2079        ( 561311.6, 4329786.0,      72.6,     710.1,       0.0);         ( 561411.6,
            4329786.0,      71.1,     710.1,       0.0);
2080        ( 561511.6, 4329786.0,      70.6,     684.3,       0.0);         ( 561611.6,
            4329786.0,      70.1,     684.3,       0.0);
2081        ( 561711.6, 4329786.0,      68.8,     684.3,       0.0);         ( 561811.6,
            4329786.0,      69.6,     674.8,       0.0);
```

```
2082        ( 561911.6, 4329786.0,      69.5,     674.8,       0.0);         ( 562011.6,
            4329786.0,      69.2,     674.8,       0.0);
2083        ( 562111.6, 4329786.0,      67.6,     669.4,       0.0);         ( 562211.6,
            4329786.0,      66.4,     662.3,       0.0);
2084        ( 562311.6, 4329786.0,      65.9,     662.3,       0.0);         ( 562411.6,
            4329786.0,      67.7,     661.3,       0.0);
2085        ( 562511.6, 4329786.0,      71.5,     598.4,       0.0);         ( 562611.6,
            4329786.0,      71.4,     588.7,       0.0);
2086        ( 562711.6, 4329786.0,      78.3,     580.9,       0.0);         ( 562811.6,
            4329786.0,      78.2,      78.2,       0.0);
2087        ( 562911.6, 4329786.0,      76.4,      76.4,       0.0);         ( 563011.6,
            4329786.0,      76.0,      76.0,       0.0);
2088        ( 563111.6, 4329786.0,      76.1,      76.1,       0.0);         ( 563211.6,
            4329786.0,      71.2,      71.2,       0.0);
2089        ( 563311.6, 4329786.0,      65.3,      65.3,       0.0);         ( 563411.6,
            4329786.0,      68.9,      68.9,       0.0);
2090        ( 563511.6, 4329786.0,      74.0,      74.0,       0.0);         ( 563611.6,
            4329786.0,      71.0,      71.0,       0.0);
2091        ( 563711.6, 4329786.0,      67.1,      67.1,       0.0);         ( 563811.6,
            4329786.0,      70.2,      70.2,       0.0);
2092        ( 563911.6, 4329786.0,      69.6,      69.6,       0.0);         ( 564011.6,
            4329786.0,      68.6,      68.6,       0.0);
2093        ( 564111.6, 4329786.0,      65.0,      65.0,       0.0);         ( 564211.6,
            4329786.0,      64.8,      64.8,       0.0);
2094        ( 564311.6, 4329786.0,      64.9,      98.9,       0.0);         ( 564411.6,
            4329786.0,      80.2,      84.7,       0.0);
2095        ( 564511.6, 4329786.0,      79.7,      98.1,       0.0);         ( 564611.6,
            4329786.0,      81.1,      82.0,       0.0);
2096        ( 564711.6, 4329786.0,      74.1,      83.7,       0.0);         ( 564811.6,
            4329786.0,      73.1,      79.4,       0.0);
2097        ( 564911.6, 4329786.0,      71.6,      71.6,       0.0);         ( 565011.6,
            4329786.0,      67.3,      82.2,       0.0);
2098        ( 565111.6, 4329786.0,      72.5,      77.0,       0.0);         ( 565211.6,
            4329786.0,      66.3,      66.3,       0.0);
2099        ( 565311.6, 4329786.0,      64.3,      71.7,       0.0);         ( 565411.6,
            4329786.0,      71.9,      73.9,       0.0);
2100        ( 565511.6, 4329786.0,      70.7,      70.7,       0.0);         ( 565611.6,
            4329786.0,      68.6,      71.9,       0.0);
2101        ( 565711.6, 4329786.0,      63.1,      63.1,       0.0);         ( 565811.6,
            4329786.0,      60.2,      60.2,       0.0);
2102        ( 565911.6, 4329786.0,      66.3,      66.3,       0.0);         ( 566011.6,
            4329786.0,      63.9,      63.9,       0.0);
2103        ( 566111.6, 4329786.0,      59.9,      59.9,       0.0);         ( 566211.6,
            4329786.0,      59.6,      59.6,       0.0);
2104        ( 566311.6, 4329786.0,      54.8,      54.8,       0.0);         ( 566411.6,
            4329786.0,      52.8,      52.8,       0.0);
2105        ( 566511.6, 4329786.0,      53.6,      53.6,       0.0);         ( 560111.6,
            4329886.0,      88.2,     780.0,       0.0);
2106        ( 560211.6, 4329886.0,      85.7,     780.0,       0.0);         ( 560311.6,
            4329886.0,      81.2,     780.0,       0.0);
2107        ( 560411.6, 4329886.0,      79.0,     780.0,       0.0);         ( 560511.6,
            4329886.0,      76.4,     780.0,       0.0);
2108        ( 560611.6, 4329886.0,      77.3,     780.0,       0.0);         ( 560711.6,
            4329886.0,      76.7,     780.0,       0.0);
2109        ( 560811.6, 4329886.0,      75.9,     780.0,       0.0);         ( 560911.6,
            4329886.0,      74.8,     710.1,       0.0);
2110        ( 561011.6, 4329886.0,      74.2,     710.1,       0.0);         ( 561111.6,
            4329886.0,      73.1,     710.1,       0.0);
2111        ( 561211.6, 4329886.0,      72.9,     710.1,       0.0);         ( 561311.6,
            4329886.0,      71.9,     684.3,       0.0);
2112        ( 561411.6, 4329886.0,      70.6,     684.3,       0.0);         ( 561511.6,
            4329886.0,      70.2,     684.3,       0.0);
2113        ( 561611.6, 4329886.0,      69.7,     684.3,       0.0);         ( 561711.6,
            4329886.0,      69.2,     674.8,       0.0);
2114        ( 561811.6, 4329886.0,      68.8,     674.8,       0.0);         ( 561911.6,
            4329886.0,      68.3,     669.4,       0.0);
```

```
2115        ( 562011.6, 4329886.0,      66.4,     669.4,       0.0);         ( 562111.6,
            4329886.0,      65.5,     662.3,       0.0);
2116        ( 562211.6, 4329886.0,      66.0,     662.3,       0.0);         ( 562311.6,
            4329886.0,      65.1,     662.3,       0.0);
2117        ( 562411.6, 4329886.0,      65.1,     600.9,       0.0);         ( 562511.6,
            4329886.0,      65.3,     598.4,       0.0);
2118        ( 562611.6, 4329886.0,      67.2,     588.7,       0.0);         ( 562711.6,
            4329886.0,      71.3,     588.7,       0.0);
2119        ( 562811.6, 4329886.0,      69.9,     580.9,       0.0);         ( 562911.6,
            4329886.0,      72.4,      72.4,       0.0);
2120        ( 563011.6, 4329886.0,      71.0,      71.0,       0.0);         ( 563111.6,
            4329886.0,      73.1,      73.1,       0.0);
2121        ( 563211.6, 4329886.0,      73.2,      73.2,       0.0);         ( 563311.6,
            4329886.0,      67.5,      67.5,       0.0);
2122        ( 563411.6, 4329886.0,      65.7,      71.4,       0.0);         ( 563511.6,
            4329886.0,      70.2,      70.2,       0.0);
2123        ( 563611.6, 4329886.0,      70.6,      70.6,       0.0);         ( 563711.6,
            4329886.0,      67.9,      67.9,       0.0);
2124    FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
        DPM                         ***         11/14/24
2125     *** AERMET - VERSION  19191 ***   *** Met data: Oroville
         2015-2019                                          ***       11:46:05
2126
                                    PAGE  40
2127     *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
2128
2129                                                  *** DISCRETE CARTESIAN RECEPTORS ***
2130                                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
2131                                                          (METERS)
2132
2133        ( 563811.6, 4329886.0,      65.0,      65.0,       0.0);         ( 563911.6,
            4329886.0,      66.0,      66.0,       0.0);
2134        ( 564011.6, 4329886.0,      68.3,      68.3,       0.0);         ( 564111.6,
            4329886.0,      65.2,      65.2,       0.0);
2135        ( 564211.6, 4329886.0,      63.5,      63.5,       0.0);         ( 564311.6,
            4329886.0,      64.5,      87.7,       0.0);
2136        ( 564411.6, 4329886.0,      81.4,      81.4,       0.0);         ( 564511.6,
            4329886.0,      74.0,      74.0,       0.0);
2137        ( 564611.6, 4329886.0,      73.5,      73.5,       0.0);         ( 564711.6,
            4329886.0,      69.2,      69.2,       0.0);
2138        ( 564811.6, 4329886.0,      68.2,      75.6,       0.0);         ( 564911.6,
            4329886.0,      76.5,      76.5,       0.0);
2139        ( 565011.6, 4329886.0,      72.1,      72.1,       0.0);         ( 565111.6,
            4329886.0,      66.7,      69.8,       0.0);
2140        ( 565211.6, 4329886.0,      62.5,      62.5,       0.0);         ( 565311.6,
            4329886.0,      65.8,      71.9,       0.0);
2141        ( 565411.6, 4329886.0,      68.4,      71.8,       0.0);         ( 565511.6,
            4329886.0,      66.1,      66.1,       0.0);
2142        ( 565611.6, 4329886.0,      63.5,      71.9,       0.0);         ( 565711.6,
            4329886.0,      64.5,      66.6,       0.0);
2143        ( 565811.6, 4329886.0,      58.3,      58.3,       0.0);         ( 565911.6,
            4329886.0,      61.3,      64.6,       0.0);
2144        ( 566011.6, 4329886.0,      59.3,      60.3,       0.0);         ( 566111.6,
            4329886.0,      57.3,      59.2,       0.0);
2145        ( 566211.6, 4329886.0,      58.5,      58.5,       0.0);         ( 566311.6,
            4329886.0,      55.5,      55.5,       0.0);
2146        ( 566411.6, 4329886.0,      52.7,      52.7,       0.0);         ( 566511.6,
            4329886.0,      51.2,      51.2,       0.0);
2147        ( 560111.6, 4329986.0,      88.4,     780.0,       0.0);         ( 560211.6,
            4329986.0,      84.9,     780.0,       0.0);
2148        ( 560311.6, 4329986.0,      81.3,     780.0,       0.0);         ( 560411.6,
            4329986.0,      78.1,     780.0,       0.0);
2149        ( 560511.6, 4329986.0,      76.3,     780.0,       0.0);         ( 560611.6,
            4329986.0,      74.7,     780.0,       0.0);
2150        ( 560711.6, 4329986.0,      74.8,     710.1,       0.0);         ( 560811.6,
            4329986.0,      74.3,     710.1,       0.0);
```

```
2151       ( 560911.6, 4329986.0,      74.4,     710.1,       0.0);         ( 561011.6,
           4329986.0,      73.0,     710.1,       0.0);
2152       ( 561111.6, 4329986.0,      72.3,     684.3,       0.0);         ( 561211.6,
           4329986.0,      71.9,     684.3,       0.0);
2153       ( 561311.6, 4329986.0,      70.7,     684.3,       0.0);         ( 561411.6,
           4329986.0,      70.1,     684.3,       0.0);
2154       ( 561511.6, 4329986.0,      69.7,     674.8,       0.0);         ( 561611.6,
           4329986.0,      69.2,     674.8,       0.0);
2155       ( 561711.6, 4329986.0,      68.8,     674.8,       0.0);         ( 561811.6,
           4329986.0,      68.3,     669.4,       0.0);
2156       ( 561911.6, 4329986.0,      67.9,     668.0,       0.0);         ( 562011.6,
           4329986.0,      65.9,     662.3,       0.0);
2157       ( 562111.6, 4329986.0,      65.7,     662.3,       0.0);         ( 562211.6,
           4329986.0,      65.4,     662.3,       0.0);
2158       ( 562311.6, 4329986.0,      64.6,     621.8,       0.0);         ( 562411.6,
           4329986.0,      63.6,     598.4,       0.0);
2159       ( 562511.6, 4329986.0,      61.5,     598.4,       0.0);         ( 562611.6,
           4329986.0,      63.3,     588.7,       0.0);
2160       ( 562711.6, 4329986.0,      64.0,     588.7,       0.0);         ( 562811.6,
           4329986.0,      65.2,     588.7,       0.0);
2161       ( 562911.6, 4329986.0,      65.8,      68.7,       0.0);         ( 563011.6,
           4329986.0,      66.8,      72.1,       0.0);
2162       ( 563111.6, 4329986.0,      67.7,      70.6,       0.0);         ( 563211.6,
           4329986.0,      71.7,      71.7,       0.0);
2163       ( 563311.6, 4329986.0,      67.5,      67.5,       0.0);         ( 563411.6,
           4329986.0,      62.7,      62.7,       0.0);
2164       ( 563511.6, 4329986.0,      65.5,      65.5,       0.0);         ( 563611.6,
           4329986.0,      67.5,      67.5,       0.0);
2165       ( 563711.6, 4329986.0,      67.0,      67.0,       0.0);         ( 563811.6,
           4329986.0,      65.1,      65.1,       0.0);
2166       ( 563911.6, 4329986.0,      63.8,      63.8,       0.0);         ( 564011.6,
           4329986.0,      65.5,      65.5,       0.0);
2167       ( 564111.6, 4329986.0,      65.8,      65.8,       0.0);         ( 564211.6,
           4329986.0,      61.4,      61.4,       0.0);
2168       ( 564311.6, 4329986.0,      63.4,      82.3,       0.0);         ( 564411.6,
           4329986.0,      81.0,      81.0,       0.0);
2169       ( 564511.6, 4329986.0,      73.0,      80.2,       0.0);         ( 564611.6,
           4329986.0,      68.6,      68.6,       0.0);
2170       ( 564711.6, 4329986.0,      64.5,      64.5,       0.0);         ( 564811.6,
           4329986.0,      70.1,      70.1,       0.0);
2171       ( 564911.6, 4329986.0,      71.7,      71.7,       0.0);         ( 565011.6,
           4329986.0,      71.3,      71.3,       0.0);
2172       ( 565111.6, 4329986.0,      70.3,      70.3,       0.0);         ( 565211.6,
           4329986.0,      65.8,      65.8,       0.0);
2173       ( 565311.6, 4329986.0,      59.3,      62.3,       0.0);         ( 565411.6,
           4329986.0,      61.5,      61.5,       0.0);
2174       ( 565511.6, 4329986.0,      64.6,      64.6,       0.0);         ( 565611.6,
           4329986.0,      63.3,      65.9,       0.0);
2175       ( 565711.6, 4329986.0,      60.2,      65.9,       0.0);         ( 565811.6,
           4329986.0,      58.4,      58.4,       0.0);
2176       ( 565911.6, 4329986.0,      58.4,      58.4,       0.0);         ( 566011.6,
           4329986.0,      55.7,      55.7,       0.0);
2177       ( 566111.6, 4329986.0,      53.8,      53.8,       0.0);         ( 566211.6,
           4329986.0,      54.4,      54.4,       0.0);
2178   FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
       DPM                          ***         11/14/24
2179    *** AERMET - VERSION  19191 ***   *** Met data: Oroville
        2015-2019                                          ***        11:46:05
2180
                                    PAGE  41
2181    *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
2182
2183                                              *** DISCRETE CARTESIAN RECEPTORS ***
2184                                             (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
2185                                                          (METERS)
2186
```

```
2187        ( 566311.6, 4329986.0,      53.1,      53.1,       0.0);         ( 566411.6,
            4329986.0,      50.8,      50.8,       0.0);
2188        ( 566511.6, 4329986.0,      50.0,      50.0,       0.0);         ( 560111.6,
            4330086.0,      88.2,     710.1,       0.0);
2189        ( 560211.6, 4330086.0,      84.4,     710.1,       0.0);         ( 560311.6,
            4330086.0,      80.5,     710.1,       0.0);
2190        ( 560411.6, 4330086.0,      77.5,     710.1,       0.0);         ( 560511.6,
            4330086.0,      76.3,     710.1,       0.0);
2191        ( 560611.6, 4330086.0,      75.9,     710.1,       0.0);         ( 560711.6,
            4330086.0,      74.2,     710.1,       0.0);
2192        ( 560811.6, 4330086.0,      73.1,     710.1,       0.0);         ( 560911.6,
            4330086.0,      72.4,     684.3,       0.0);
2193        ( 561011.6, 4330086.0,      72.7,     684.3,       0.0);         ( 561111.6,
            4330086.0,      71.8,     684.3,       0.0);
2194        ( 561211.6, 4330086.0,      70.8,     684.3,       0.0);         ( 561311.6,
            4330086.0,      70.2,     674.8,       0.0);
2195        ( 561411.6, 4330086.0,      69.6,     674.8,       0.0);         ( 561511.6,
            4330086.0,      69.1,     674.8,       0.0);
2196        ( 561611.6, 4330086.0,      68.6,     674.6,       0.0);         ( 561711.6,
            4330086.0,      68.1,     669.4,       0.0);
2197        ( 561811.6, 4330086.0,      67.6,     667.3,       0.0);         ( 561911.6,
            4330086.0,      67.2,     662.3,       0.0);
2198        ( 562011.6, 4330086.0,      65.4,     662.3,       0.0);         ( 562111.6,
            4330086.0,      65.2,     661.3,       0.0);
2199        ( 562211.6, 4330086.0,      65.0,     621.8,       0.0);         ( 562311.6,
            4330086.0,      64.2,     598.4,       0.0);
2200        ( 562411.6, 4330086.0,      63.2,     598.4,       0.0);         ( 562511.6,
            4330086.0,      62.9,     588.7,       0.0);
2201        ( 562611.6, 4330086.0,      62.7,     588.7,       0.0);         ( 562711.6,
            4330086.0,      62.4,     588.7,       0.0);
2202        ( 562811.6, 4330086.0,      62.2,     588.7,       0.0);         ( 562911.6,
            4330086.0,      60.7,     580.9,       0.0);
2203        ( 563011.6, 4330086.0,      61.6,      61.6,       0.0);         ( 563111.6,
            4330086.0,      61.8,      61.8,       0.0);
2204        ( 563211.6, 4330086.0,      63.1,      63.1,       0.0);         ( 563311.6,
            4330086.0,      66.0,      66.0,       0.0);
2205        ( 563411.6, 4330086.0,      66.2,      66.8,       0.0);         ( 563511.6,
            4330086.0,      62.1,      62.1,       0.0);
2206        ( 563611.6, 4330086.0,      67.7,      67.7,       0.0);         ( 563711.6,
            4330086.0,      65.6,      65.6,       0.0);
2207        ( 563811.6, 4330086.0,      61.9,      61.9,       0.0);         ( 563911.6,
            4330086.0,      62.5,      62.5,       0.0);
2208        ( 564011.6, 4330086.0,      62.1,      62.1,       0.0);         ( 564111.6,
            4330086.0,      63.5,      63.5,       0.0);
2209        ( 564211.6, 4330086.0,      60.8,      60.8,       0.0);         ( 564311.6,
            4330086.0,      60.1,      81.6,       0.0);
2210        ( 564411.6, 4330086.0,      69.9,      81.3,       0.0);         ( 564511.6,
            4330086.0,      69.5,      80.4,       0.0);
2211        ( 564611.6, 4330086.0,      64.8,      64.8,       0.0);         ( 564711.6,
            4330086.0,      63.3,      63.3,       0.0);
2212        ( 564811.6, 4330086.0,      67.5,      67.5,       0.0);         ( 564911.6,
            4330086.0,      61.6,      76.6,       0.0);
2213        ( 565011.6, 4330086.0,      60.8,      76.6,       0.0);         ( 565111.6,
            4330086.0,      58.5,      70.7,       0.0);
2214        ( 565211.6, 4330086.0,      63.1,      63.1,       0.0);         ( 565311.6,
            4330086.0,      60.9,      60.9,       0.0);
2215        ( 565411.6, 4330086.0,      58.4,      58.8,       0.0);         ( 565511.6,
            4330086.0,      57.9,      57.9,       0.0);
2216        ( 565611.6, 4330086.0,      55.4,      55.4,       0.0);         ( 565711.6,
            4330086.0,      57.4,      57.4,       0.0);
2217        ( 565811.6, 4330086.0,      54.1,      54.1,       0.0);         ( 565911.6,
            4330086.0,      54.6,      54.6,       0.0);
2218        ( 566011.6, 4330086.0,      54.0,      54.0,       0.0);         ( 566111.6,
            4330086.0,      51.6,      51.6,       0.0);
2219        ( 566211.6, 4330086.0,      50.4,      50.4,       0.0);         ( 566311.6,
            4330086.0,      49.5,      49.5,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```
( 566411.6, 4330086.0,      49.0,      49.0,       0.0);         ( 566511.6,
4330086.0,      48.7,      48.7,       0.0);
( 560111.6, 4330186.0,      85.6,     710.1,       0.0);         ( 560211.6,
4330186.0,      83.0,     710.1,       0.0);
( 560311.6, 4330186.0,      80.4,     710.1,       0.0);         ( 560411.6,
4330186.0,      77.0,     710.1,       0.0);
( 560511.6, 4330186.0,      74.9,     710.1,       0.0);         ( 560611.6,
4330186.0,      72.5,     684.3,       0.0);
( 560711.6, 4330186.0,      72.3,     684.3,       0.0);         ( 560811.6,
4330186.0,      72.3,     684.3,       0.0);
( 560911.6, 4330186.0,      71.2,     684.3,       0.0);         ( 561011.6,
4330186.0,      71.5,     684.3,       0.0);
( 561111.6, 4330186.0,      71.1,     674.8,       0.0);         ( 561211.6,
4330186.0,      70.5,     674.8,       0.0);
( 561311.6, 4330186.0,      69.5,     674.8,       0.0);         ( 561411.6,
4330186.0,      69.0,     674.8,       0.0);
( 561511.6, 4330186.0,      68.4,     669.4,       0.0);         ( 561611.6,
4330186.0,      67.8,     669.0,       0.0);
( 561711.6, 4330186.0,      67.3,     662.3,       0.0);         ( 561811.6,
4330186.0,      66.7,     662.3,       0.0);
( 561911.6, 4330186.0,      66.1,     662.3,       0.0);         ( 562011.6,
4330186.0,      64.9,     632.1,       0.0);
( 562111.6, 4330186.0,      64.7,     621.8,       0.0);         ( 562211.6,
4330186.0,      64.4,     598.4,       0.0);
( 562311.6, 4330186.0,      63.6,     598.4,       0.0);         ( 562411.6,
4330186.0,      62.6,     598.4,       0.0);
( 562511.6, 4330186.0,      62.4,     588.7,       0.0);         ( 562611.6,
4330186.0,      62.2,     588.7,       0.0);
( 562711.6, 4330186.0,      62.0,     588.7,       0.0);         ( 562811.6,
4330186.0,      61.8,     588.7,       0.0);
( 562911.6, 4330186.0,      60.8,     588.2,       0.0);         ( 563011.6,
4330186.0,      60.4,      60.4,       0.0);
( 563111.6, 4330186.0,      59.9,      59.9,       0.0);         ( 563211.6,
4330186.0,      59.4,      59.4,       0.0);
( 563311.6, 4330186.0,      59.5,      60.3,       0.0);         ( 563411.6,
4330186.0,      60.5,      67.3,       0.0);
( 563511.6, 4330186.0,      58.7,      68.5,       0.0);         ( 563611.6,
4330186.0,      63.2,      69.8,       0.0);
( 563711.6, 4330186.0,      62.9,      62.9,       0.0);         ( 563811.6,
4330186.0,      61.3,      64.7,       0.0);
( 563911.6, 4330186.0,      58.1,      60.7,       0.0);         ( 564011.6,
4330186.0,      59.9,      59.9,       0.0);
( 564111.6, 4330186.0,      60.9,      60.9,       0.0);         ( 564211.6,
4330186.0,      59.0,      59.0,       0.0);
( 564311.6, 4330186.0,      60.9,      60.9,       0.0);         ( 564411.6,
4330186.0,      64.7,      64.7,       0.0);
( 564511.6, 4330186.0,      65.0,      65.0,       0.0);         ( 564611.6,
4330186.0,      62.7,      62.7,       0.0);
( 564711.6, 4330186.0,      60.0,      60.0,       0.0);         ( 564811.6,
4330186.0,      59.6,      59.6,       0.0);
( 564911.6, 4330186.0,      58.7,      62.9,       0.0);         ( 565011.6,
4330186.0,      56.7,      56.7,       0.0);
( 565111.6, 4330186.0,      56.2,      56.2,       0.0);         ( 565211.6,
4330186.0,      58.1,      59.6,       0.0);
```

```
2256        ( 565311.6, 4330186.0,      58.5,      58.6,       0.0);         ( 565411.6,
            4330186.0,      57.0,      57.0,       0.0);
2257        ( 565511.6, 4330186.0,      54.5,      54.5,       0.0);         ( 565611.6,
            4330186.0,      53.6,      53.6,       0.0);
2258        ( 565711.6, 4330186.0,      53.2,      53.2,       0.0);         ( 565811.6,
            4330186.0,      52.5,      52.5,       0.0);
2259        ( 565911.6, 4330186.0,      52.0,      52.0,       0.0);         ( 566011.6,
            4330186.0,      51.3,      51.3,       0.0);
2260        ( 566111.6, 4330186.0,      49.8,      49.8,       0.0);         ( 566211.6,
            4330186.0,      48.7,      48.7,       0.0);
2261        ( 566311.6, 4330186.0,      48.4,      48.4,       0.0);         ( 566411.6,
            4330186.0,      48.1,      48.1,       0.0);
2262        ( 566511.6, 4330186.0,      47.9,      47.9,       0.0);         ( 560111.6,
            4330286.0,      85.7,     684.3,       0.0);
2263        ( 560211.6, 4330286.0,      84.1,     684.3,       0.0);         ( 560311.6,
            4330286.0,      80.0,     684.3,       0.0);
2264        ( 560411.6, 4330286.0,      76.5,     684.3,       0.0);         ( 560511.6,
            4330286.0,      74.8,     684.3,       0.0);
2265        ( 560611.6, 4330286.0,      73.1,     684.3,       0.0);         ( 560711.6,
            4330286.0,      71.3,     684.3,       0.0);
2266        ( 560811.6, 4330286.0,      71.2,     684.3,       0.0);         ( 560911.6,
            4330286.0,      70.5,     674.8,       0.0);
2267        ( 561011.6, 4330286.0,      69.9,     674.8,       0.0);         ( 561111.6,
            4330286.0,      70.1,     674.8,       0.0);
2268        ( 561211.6, 4330286.0,      69.9,     674.8,       0.0);         ( 561311.6,
            4330286.0,      69.3,     669.4,       0.0);
2269        ( 561411.6, 4330286.0,      68.8,     669.4,       0.0);         ( 561511.6,
            4330286.0,      68.2,     667.5,       0.0);
2270        ( 561611.6, 4330286.0,      67.6,     662.3,       0.0);         ( 561711.6,
            4330286.0,      67.0,     662.3,       0.0);
2271        ( 561811.6, 4330286.0,      66.5,     662.3,       0.0);         ( 561911.6,
            4330286.0,      66.0,     631.7,       0.0);
2272        ( 562011.6, 4330286.0,      64.5,     621.8,       0.0);         ( 562111.6,
            4330286.0,      64.2,     598.4,       0.0);
2273        ( 562211.6, 4330286.0,      63.9,     598.4,       0.0);         ( 562311.6,
            4330286.0,      63.2,     598.4,       0.0);
2274        ( 562411.6, 4330286.0,      62.1,     588.7,       0.0);         ( 562511.6,
            4330286.0,      61.9,     588.7,       0.0);
2275        ( 562611.6, 4330286.0,      61.7,     588.7,       0.0);         ( 562711.6,
            4330286.0,      61.5,     588.7,       0.0);
2276        ( 562811.6, 4330286.0,      61.3,     588.7,       0.0);         ( 562911.6,
            4330286.0,      60.6,     588.7,       0.0);
2277        ( 563011.6, 4330286.0,      60.2,      60.2,       0.0);         ( 563111.6,
            4330286.0,      59.6,      59.6,       0.0);
2278        ( 563211.6, 4330286.0,      59.2,      59.2,       0.0);         ( 563311.6,
            4330286.0,      59.1,      59.1,       0.0);
2279        ( 563411.6, 4330286.0,      58.1,      58.1,       0.0);         ( 563511.6,
            4330286.0,      57.9,      57.9,       0.0);
2280        ( 563611.6, 4330286.0,      56.9,      56.9,       0.0);         ( 563711.6,
            4330286.0,      59.7,      59.7,       0.0);
2281        ( 563811.6, 4330286.0,      60.5,      60.5,       0.0);         ( 563911.6,
            4330286.0,      58.5,      58.5,       0.0);
2282        ( 564011.6, 4330286.0,      58.5,      58.5,       0.0);         ( 564111.6,
            4330286.0,      58.7,      58.7,       0.0);
2283        ( 564211.6, 4330286.0,      57.9,      57.9,       0.0);         ( 564311.6,
            4330286.0,      58.1,      58.1,       0.0);
2284        ( 564411.6, 4330286.0,      58.5,      66.3,       0.0);         ( 564511.6,
            4330286.0,      58.7,      59.2,       0.0);
2285        ( 564611.6, 4330286.0,      59.2,      59.2,       0.0);         ( 564711.6,
            4330286.0,      59.2,      59.2,       0.0);
2286    FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
        DPM                         ***        11/14/24
2287     *** AERMET - VERSION  19191 ***   *** Met data: Oroville
         2015-2019                                          ***       11:46:05
2288
                                    PAGE  43
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(564811.6, 4330286.0, 58.4, 58.4, 0.0); (564911.6, 4330286.0, 57.1, 58.8, 0.0);
(565011.6, 4330286.0, 56.2, 59.2, 0.0); (565111.6, 4330286.0, 59.1, 59.1, 0.0);
(565211.6, 4330286.0, 53.9, 53.9, 0.0); (565311.6, 4330286.0, 53.3, 53.3, 0.0);
(565411.6, 4330286.0, 53.3, 53.3, 0.0); (565511.6, 4330286.0, 53.4, 53.4, 0.0);
(565611.6, 4330286.0, 52.5, 52.5, 0.0); (565711.6, 4330286.0, 52.1, 52.1, 0.0);
(565811.6, 4330286.0, 51.5, 51.5, 0.0); (565911.6, 4330286.0, 50.4, 50.4, 0.0);
(566011.6, 4330286.0, 50.1, 50.1, 0.0); (566111.6, 4330286.0, 49.1, 49.1, 0.0);
(566211.6, 4330286.0, 47.8, 47.8, 0.0); (566311.6, 4330286.0, 47.5, 47.5, 0.0);
(566411.6, 4330286.0, 47.2, 47.2, 0.0); (566511.6, 4330286.0, 46.9, 46.9, 0.0);
(542111.6, 4306586.0, 803.2, 973.9, 0.0); (543111.6, 4306586.0, 789.2, 973.9, 0.0);
(544111.6, 4306586.0, 796.6, 859.4, 0.0); (545111.6, 4306586.0, 784.5, 857.2, 0.0);
(546111.6, 4306586.0, 830.3, 853.8, 0.0); (547111.6, 4306586.0, 751.3, 927.7, 0.0);
(548111.6, 4306586.0, 783.2, 927.7, 0.0); (549111.6, 4306586.0, 883.0, 905.1, 0.0);
(550111.6, 4306586.0, 838.0, 953.7, 0.0); (551111.6, 4306586.0, 854.2, 953.7, 0.0);
(552111.6, 4306586.0, 713.7, 953.7, 0.0); (553111.6, 4306586.0, 437.7, 953.7, 0.0);
(554111.6, 4306586.0, 354.0, 953.7, 0.0); (555111.6, 4306586.0, 682.4, 824.6, 0.0);
(556111.6, 4306586.0, 570.8, 849.5, 0.0); (557111.6, 4306586.0, 497.5, 849.5, 0.0);
(558111.6, 4306586.0, 526.1, 849.5, 0.0); (559111.6, 4306586.0, 371.7, 874.0, 0.0);
(560111.6, 4306586.0, 252.4, 924.9, 0.0); (561111.6, 4306586.0, 499.3, 874.0, 0.0);
(562111.6, 4306586.0, 344.5, 924.9, 0.0); (563111.6, 4306586.0, 328.4, 924.9, 0.0);
(564111.6, 4306586.0, 193.7, 924.9, 0.0); (565111.6, 4306586.0, 144.1, 924.9, 0.0);
(566111.6, 4306586.0, 235.8, 874.2, 0.0); (567111.6, 4306586.0, 282.1, 874.0, 0.0);
(568111.6, 4306586.0, 338.6, 540.7, 0.0); (569111.6, 4306586.0, 449.9, 535.5, 0.0);
(570111.6, 4306586.0, 437.0, 518.2, 0.0); (571111.6, 4306586.0, 392.3, 526.1, 0.0);
(572111.6, 4306586.0, 343.7, 550.6, 0.0); (573111.6, 4306586.0, 317.1, 547.6, 0.0);
(574111.6, 4306586.0, 272.0, 547.6, 0.0); (575111.6, 4306586.0, 264.7, 287.2, 0.0);
(576111.6, 4306586.0, 244.0, 264.9, 0.0); (577111.6, 4306586.0, 211.2, 247.3, 0.0);
(578111.6, 4306586.0, 169.4, 212.8, 0.0); (579111.6, 4306586.0, 131.0, 148.9, 0.0);
(580111.6, 4306586.0, 113.2, 113.2, 0.0); (581111.6, 4306586.0, 103.4, 103.4, 0.0);
(582111.6, 4306586.0, 87.7, 87.7, 0.0); (583111.6, 4306586.0, 86.5, 86.5, 0.0);

```
2325        ( 584111.6, 4306586.0,      75.8,      82.3,       0.0);         ( 542111.6,
            4307586.0,     841.2,     973.9,       0.0);
2326        ( 543111.6, 4307586.0,     888.4,     973.9,       0.0);         ( 544111.6,
            4307586.0,     703.5,     973.9,       0.0);
2327        ( 545111.6, 4307586.0,     748.4,     921.0,       0.0);         ( 546111.6,
            4307586.0,     778.0,     921.0,       0.0);
2328        ( 547111.6, 4307586.0,     815.8,     927.7,       0.0);         ( 548111.6,
            4307586.0,     916.6,     927.4,       0.0);
2329        ( 549111.6, 4307586.0,     768.9,     953.7,       0.0);         ( 550111.6,
            4307586.0,     662.9,     953.7,       0.0);
2330        ( 551111.6, 4307586.0,     623.6,     953.7,       0.0);         ( 552111.6,
            4307586.0,     492.5,     953.7,       0.0);
2331        ( 553111.6, 4307586.0,     346.5,     953.7,       0.0);         ( 554111.6,
            4307586.0,     398.1,     953.7,       0.0);
2332        ( 555111.6, 4307586.0,     448.3,     953.7,       0.0);         ( 556111.6,
            4307586.0,     208.8,     953.7,       0.0);
2333        ( 557111.6, 4307586.0,     306.2,     939.0,       0.0);         ( 558111.6,
            4307586.0,     358.1,     874.0,       0.0);
2334        ( 559111.6, 4307586.0,     186.9,     924.9,       0.0);         ( 560111.6,
            4307586.0,     439.0,     874.0,       0.0);
2335        ( 561111.6, 4307586.0,     478.7,     874.0,       0.0);         ( 562111.6,
            4307586.0,     324.5,     874.0,       0.0);
2336        ( 563111.6, 4307586.0,     248.2,     924.9,       0.0);         ( 564111.6,
            4307586.0,     368.7,     874.0,       0.0);
2337        ( 565111.6, 4307586.0,     261.9,     874.0,       0.0);         ( 566111.6,
            4307586.0,     316.0,     874.0,       0.0);
2338        ( 567111.6, 4307586.0,     327.8,     502.5,       0.0);         ( 568111.6,
            4307586.0,     363.9,     535.5,       0.0);
2339        ( 569111.6, 4307586.0,     328.9,     540.7,       0.0);         ( 570111.6,
            4307586.0,     297.9,     540.7,       0.0);
2340   FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
       DPM                          ***         11/14/24
2341    *** AERMET - VERSION  19191 ***   *** Met data: Oroville
        2015-2019                                          ***       11:46:05
2342
                                    PAGE  44
2343    *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
2344
2345                                              *** DISCRETE CARTESIAN RECEPTORS ***
2346                                            (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
2347                                                        (METERS)
2348
2349        ( 571111.6, 4307586.0,     330.1,     522.4,       0.0);         ( 572111.6,
            4307586.0,     285.6,     522.4,       0.0);
2350        ( 573111.6, 4307586.0,     324.2,     376.0,       0.0);         ( 574111.6,
            4307586.0,     287.0,     315.4,       0.0);
2351        ( 575111.6, 4307586.0,     208.0,     317.9,       0.0);         ( 576111.6,
            4307586.0,     190.2,     259.4,       0.0);
2352        ( 577111.6, 4307586.0,     174.7,     237.3,       0.0);         ( 578111.6,
            4307586.0,     155.8,     181.1,       0.0);
2353        ( 579111.6, 4307586.0,     131.6,     131.6,       0.0);         ( 580111.6,
            4307586.0,     115.8,     115.8,       0.0);
2354        ( 581111.6, 4307586.0,      99.8,      99.8,       0.0);         ( 582111.6,
            4307586.0,      89.2,      89.2,       0.0);
2355        ( 583111.6, 4307586.0,      79.6,      79.6,       0.0);         ( 584111.6,
            4307586.0,      69.7,      69.7,       0.0);
2356        ( 542111.6, 4308586.0,     756.4,     973.9,       0.0);         ( 543111.6,
            4308586.0,     794.2,     973.9,       0.0);
2357        ( 544111.6, 4308586.0,     709.5,     973.9,       0.0);         ( 545111.6,
            4308586.0,     887.4,     921.0,       0.0);
2358        ( 546111.6, 4308586.0,     795.7,     921.0,       0.0);         ( 547111.6,
            4308586.0,     840.6,     925.1,       0.0);
2359        ( 548111.6, 4308586.0,     768.6,     927.7,       0.0);         ( 549111.6,
            4308586.0,     686.6,     953.7,       0.0);
2360        ( 550111.6, 4308586.0,     452.6,     953.7,       0.0);         ( 551111.6,
            4308586.0,     430.5,     953.7,       0.0);
```

```
2361        ( 552111.6, 4308586.0,     456.1,     953.7,       0.0);        ( 553111.6,
            4308586.0,     588.1,     953.7,       0.0);
2362        ( 554111.6, 4308586.0,     306.7,     953.7,       0.0);        ( 555111.6,
            4308586.0,     272.7,     953.7,       0.0);
2363        ( 556111.6, 4308586.0,     260.7,     953.7,       0.0);        ( 557111.6,
            4308586.0,     224.5,     953.7,       0.0);
2364        ( 558111.6, 4308586.0,     253.5,     874.0,       0.0);        ( 559111.6,
            4308586.0,     291.1,     874.0,       0.0);
2365        ( 560111.6, 4308586.0,     744.7,     755.6,       0.0);        ( 561111.6,
            4308586.0,     670.1,     775.2,       0.0);
2366        ( 562111.6, 4308586.0,     669.1,     737.8,       0.0);        ( 563111.6,
            4308586.0,     503.7,     775.2,       0.0);
2367        ( 564111.6, 4308586.0,     367.3,     874.0,       0.0);        ( 565111.6,
            4308586.0,     361.2,     874.0,       0.0);
2368        ( 566111.6, 4308586.0,     350.2,     418.9,       0.0);        ( 567111.6,
            4308586.0,     325.1,     433.5,       0.0);
2369        ( 568111.6, 4308586.0,     399.7,     433.5,       0.0);        ( 569111.6,
            4308586.0,     361.4,     403.1,       0.0);
2370        ( 570111.6, 4308586.0,     296.0,     364.2,       0.0);        ( 571111.6,
            4308586.0,     345.7,     369.9,       0.0);
2371        ( 572111.6, 4308586.0,     324.8,     351.1,       0.0);        ( 573111.6,
            4308586.0,     255.1,     336.8,       0.0);
2372        ( 574111.6, 4308586.0,     229.7,     304.5,       0.0);        ( 575111.6,
            4308586.0,     184.2,     301.5,       0.0);
2373        ( 576111.6, 4308586.0,     176.3,     258.5,       0.0);        ( 577111.6,
            4308586.0,     160.0,     215.0,       0.0);
2374        ( 578111.6, 4308586.0,     146.8,     146.8,       0.0);        ( 579111.6,
            4308586.0,     127.6,     127.6,       0.0);
2375        ( 580111.6, 4308586.0,     110.8,     110.8,       0.0);        ( 581111.6,
            4308586.0,      98.4,      98.4,       0.0);
2376        ( 582111.6, 4308586.0,      87.1,      87.1,       0.0);        ( 583111.6,
            4308586.0,      76.5,      76.5,       0.0);
2377        ( 584111.6, 4308586.0,      64.2,      64.2,       0.0);        ( 542111.6,
            4309586.0,     757.6,     973.9,       0.0);
2378        ( 543111.6, 4309586.0,     762.3,     973.9,       0.0);        ( 544111.6,
            4309586.0,     744.2,     973.9,       0.0);
2379        ( 545111.6, 4309586.0,     807.9,     916.1,       0.0);        ( 546111.6,
            4309586.0,     752.8,     921.0,       0.0);
2380        ( 547111.6, 4309586.0,     733.8,     925.1,       0.0);        ( 548111.6,
            4309586.0,     731.5,     927.7,       0.0);
2381        ( 549111.6, 4309586.0,     456.2,     953.7,       0.0);        ( 550111.6,
            4309586.0,     457.8,     953.7,       0.0);
2382        ( 551111.6, 4309586.0,     357.7,     953.7,       0.0);        ( 552111.6,
            4309586.0,     543.6,     953.7,       0.0);
2383        ( 553111.6, 4309586.0,     393.4,     953.7,       0.0);        ( 554111.6,
            4309586.0,     230.1,     953.7,       0.0);
2384        ( 555111.6, 4309586.0,     408.0,     953.7,       0.0);        ( 556111.6,
            4309586.0,     478.7,     799.6,       0.0);
2385        ( 557111.6, 4309586.0,     346.6,     849.5,       0.0);        ( 558111.6,
            4309586.0,     316.4,     854.2,       0.0);
2386        ( 559111.6, 4309586.0,     587.9,     799.6,       0.0);        ( 560111.6,
            4309586.0,     677.5,     799.6,       0.0);
2387        ( 561111.6, 4309586.0,     593.4,     799.6,       0.0);        ( 562111.6,
            4309586.0,     582.9,     737.8,       0.0);
2388        ( 563111.6, 4309586.0,     362.4,     874.0,       0.0);        ( 564111.6,
            4309586.0,     363.3,     775.2,       0.0);
2389        ( 565111.6, 4309586.0,     343.1,     737.8,       0.0);        ( 566111.6,
            4309586.0,     355.4,     410.6,       0.0);
2390        ( 567111.6, 4309586.0,     301.9,     433.5,       0.0);        ( 568111.6,
            4309586.0,     362.4,     407.6,       0.0);
2391        ( 569111.6, 4309586.0,     296.4,     433.5,       0.0);        ( 570111.6,
            4309586.0,     294.9,     370.3,       0.0);
2392        ( 571111.6, 4309586.0,     222.9,     402.9,       0.0);        ( 572111.6,
            4309586.0,     189.7,     384.8,       0.0);
2393        ( 573111.6, 4309586.0,     229.5,     326.8,       0.0);        ( 574111.6,
            4309586.0,     218.1,     312.3,       0.0);
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(575111.6, 4309586.0, 203.6, 287.8, 0.0); (576111.6, 4309586.0, 195.3, 202.8, 0.0);
(577111.6, 4309586.0, 162.2, 162.2, 0.0); (578111.6, 4309586.0, 144.2, 144.2, 0.0);
(579111.6, 4309586.0, 121.4, 121.4, 0.0); (580111.6, 4309586.0, 109.4, 109.4, 0.0);
(581111.6, 4309586.0, 94.2, 94.2, 0.0); (582111.6, 4309586.0, 83.0, 83.0, 0.0);
(583111.6, 4309586.0, 71.9, 71.9, 0.0); (584111.6, 4309586.0, 63.7, 63.7, 0.0);
(542111.6, 4310586.0, 761.8, 792.6, 0.0); (543111.6, 4310586.0, 707.5, 810.3, 0.0);
(544111.6, 4310586.0, 685.8, 888.1, 0.0); (545111.6, 4310586.0, 701.2, 921.0, 0.0);
(546111.6, 4310586.0, 672.5, 921.0, 0.0); (547111.6, 4310586.0, 545.7, 927.7, 0.0);
(548111.6, 4310586.0, 375.8, 973.9, 0.0); (549111.6, 4310586.0, 308.6, 953.7, 0.0);
(550111.6, 4310586.0, 352.8, 953.7, 0.0); (551111.6, 4310586.0, 246.5, 953.7, 0.0);
(552111.6, 4310586.0, 348.1, 953.7, 0.0); (553111.6, 4310586.0, 238.4, 953.7, 0.0);
(554111.6, 4310586.0, 507.4, 524.9, 0.0); (555111.6, 4310586.0, 459.0, 560.3, 0.0);
(556111.6, 4310586.0, 374.6, 822.5, 0.0); (557111.6, 4310586.0, 245.3, 854.2, 0.0);
(558111.6, 4310586.0, 441.0, 822.5, 0.0); (559111.6, 4310586.0, 752.3, 760.2, 0.0);
(560111.6, 4310586.0, 643.5, 799.6, 0.0); (561111.6, 4310586.0, 600.9, 731.1, 0.0);
(562111.6, 4310586.0, 526.0, 737.8, 0.0); (563111.6, 4310586.0, 377.1, 806.6, 0.0);
(564111.6, 4310586.0, 326.0, 775.2, 0.0); (565111.6, 4310586.0, 266.8, 737.8, 0.0);
(566111.6, 4310586.0, 336.8, 354.8, 0.0); (567111.6, 4310586.0, 263.5, 406.6, 0.0);
(568111.6, 4310586.0, 328.2, 409.2, 0.0); (569111.6, 4310586.0, 358.1, 392.3, 0.0);
(570111.6, 4310586.0, 300.7, 402.9, 0.0); (571111.6, 4310586.0, 281.6, 402.9, 0.0);
(572111.6, 4310586.0, 261.8, 350.7, 0.0); (573111.6, 4310586.0, 243.0, 302.4, 0.0);
(574111.6, 4310586.0, 175.4, 281.5, 0.0); (575111.6, 4310586.0, 157.8, 261.7, 0.0);
(576111.6, 4310586.0, 153.8, 153.8, 0.0); (577111.6, 4310586.0, 134.9, 134.9, 0.0);
(578111.6, 4310586.0, 131.0, 131.0, 0.0); (579111.6, 4310586.0, 113.7, 113.7, 0.0);
(580111.6, 4310586.0, 100.5, 100.5, 0.0); (581111.6, 4310586.0, 89.9, 89.9, 0.0);
(582111.6, 4310586.0, 78.2, 78.2, 0.0); (583111.6, 4310586.0, 66.7, 66.7, 0.0);
(584111.6, 4310586.0, 58.8, 58.8, 0.0); (542111.6, 4311586.0, 696.3, 804.4, 0.0);

```
2430        ( 543111.6, 4311586.0,     651.9,     804.4,       0.0);         ( 544111.6,
            4311586.0,     587.2,     921.0,       0.0);
2431        ( 545111.6, 4311586.0,     643.4,     888.1,       0.0);         ( 546111.6,
            4311586.0,     561.7,     921.0,       0.0);
2432        ( 547111.6, 4311586.0,     358.3,     973.9,       0.0);         ( 548111.6,
            4311586.0,     388.8,     953.7,       0.0);
2433        ( 549111.6, 4311586.0,     483.7,     927.7,       0.0);         ( 550111.6,
            4311586.0,     296.2,     953.7,       0.0);
2434        ( 551111.6, 4311586.0,     413.4,     953.7,       0.0);         ( 552111.6,
            4311586.0,     467.2,     664.0,       0.0);
2435        ( 553111.6, 4311586.0,     491.5,     647.6,       0.0);         ( 554111.6,
            4311586.0,     392.5,     647.6,       0.0);
2436        ( 555111.6, 4311586.0,     394.4,     806.6,       0.0);         ( 556111.6,
            4311586.0,     307.5,     854.2,       0.0);
2437        ( 557111.6, 4311586.0,     426.3,     854.2,       0.0);         ( 558111.6,
            4311586.0,     547.8,     822.5,       0.0);
2438        ( 559111.6, 4311586.0,     715.7,     806.6,       0.0);         ( 560111.6,
            4311586.0,     630.5,     806.6,       0.0);
2439        ( 561111.6, 4311586.0,     573.2,     806.6,       0.0);         ( 562111.6,
            4311586.0,     473.5,     806.6,       0.0);
2440        ( 563111.6, 4311586.0,     266.0,     854.2,       0.0);         ( 564111.6,
            4311586.0,     277.7,     806.6,       0.0);
2441        ( 565111.6, 4311586.0,     267.4,     737.8,       0.0);         ( 566111.6,
            4311586.0,     291.1,     339.5,       0.0);
2442        ( 567111.6, 4311586.0,     282.5,     394.3,       0.0);         ( 568111.6,
            4311586.0,     340.9,     399.8,       0.0);
2443        ( 569111.6, 4311586.0,     309.4,     372.8,       0.0);         ( 570111.6,
            4311586.0,     354.8,     369.5,       0.0);
2444        ( 571111.6, 4311586.0,     288.2,     369.0,       0.0);         ( 572111.6,
            4311586.0,     236.5,     351.6,       0.0);
2445        ( 573111.6, 4311586.0,     214.1,     325.2,       0.0);         ( 574111.6,
            4311586.0,     183.9,     280.3,       0.0);
2446        ( 575111.6, 4311586.0,     190.8,     213.2,       0.0);         ( 576111.6,
            4311586.0,     151.0,     183.4,       0.0);
2447        ( 577111.6, 4311586.0,     138.1,     138.1,       0.0);         ( 578111.6,
            4311586.0,     115.4,     115.4,       0.0);
2448    FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
        DPM                        ***         11/14/24
2449     *** AERMET - VERSION  19191 ***   *** Met data: Oroville
         2015-2019                                          ***       11:46:05
2450
                                  PAGE  46
2451    *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
2452
2453                                                *** DISCRETE CARTESIAN RECEPTORS ***
2454                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
2455                                                           (METERS)
2456
2457        ( 579111.6, 4311586.0,     105.7,     105.7,       0.0);         ( 580111.6,
            4311586.0,      96.0,      96.0,       0.0);
2458        ( 581111.6, 4311586.0,      82.5,      82.5,       0.0);         ( 582111.6,
            4311586.0,      72.5,      72.5,       0.0);
2459        ( 583111.6, 4311586.0,      63.3,      63.3,       0.0);         ( 584111.6,
            4311586.0,      54.7,      54.7,       0.0);
2460        ( 542111.6, 4312586.0,     557.6,     832.5,       0.0);         ( 543111.6,
            4312586.0,     571.0,     804.4,       0.0);
2461        ( 544111.6, 4312586.0,     378.9,     973.9,       0.0);         ( 545111.6,
            4312586.0,     487.7,     921.0,       0.0);
2462        ( 546111.6, 4312586.0,     369.5,     973.9,       0.0);         ( 547111.6,
            4312586.0,     285.1,     973.9,       0.0);
2463        ( 548111.6, 4312586.0,     326.4,     927.7,       0.0);         ( 549111.6,
            4312586.0,     457.0,     843.3,       0.0);
2464        ( 550111.6, 4312586.0,     431.7,     843.6,       0.0);         ( 551111.6,
            4312586.0,     560.9,     664.0,       0.0);
2465        ( 552111.6, 4312586.0,     546.8,     664.0,       0.0);         ( 553111.6,
            4312586.0,     477.2,     647.6,       0.0);
```

```
2466        ( 554111.6, 4312586.0,     484.5,     520.6,       0.0);         ( 555111.6,
            4312586.0,     481.6,     552.2,       0.0);
2467        ( 556111.6, 4312586.0,     459.2,     854.2,       0.0);         ( 557111.6,
            4312586.0,     270.8,     854.2,       0.0);
2468        ( 558111.6, 4312586.0,     520.4,     854.2,       0.0);         ( 559111.6,
            4312586.0,     720.9,     816.7,       0.0);
2469        ( 560111.6, 4312586.0,     574.6,     854.2,       0.0);         ( 561111.6,
            4312586.0,     564.0,     822.5,       0.0);
2470        ( 562111.6, 4312586.0,     347.4,     854.2,       0.0);         ( 563111.6,
            4312586.0,     218.1,     854.2,       0.0);
2471        ( 564111.6, 4312586.0,     229.9,     854.2,       0.0);         ( 565111.6,
            4312586.0,     245.3,     715.3,       0.0);
2472        ( 566111.6, 4312586.0,     267.1,     310.0,       0.0);         ( 567111.6,
            4312586.0,     304.6,     377.5,       0.0);
2473        ( 568111.6, 4312586.0,     336.9,     399.8,       0.0);         ( 569111.6,
            4312586.0,     298.2,     380.2,       0.0);
2474        ( 570111.6, 4312586.0,     282.8,     338.7,       0.0);         ( 571111.6,
            4312586.0,     292.0,     316.2,       0.0);
2475        ( 572111.6, 4312586.0,     225.5,     322.1,       0.0);         ( 573111.6,
            4312586.0,     230.6,     281.9,       0.0);
2476        ( 574111.6, 4312586.0,     217.2,     217.8,       0.0);         ( 575111.6,
            4312586.0,     159.9,     199.1,       0.0);
2477        ( 576111.6, 4312586.0,     142.8,     147.3,       0.0);         ( 577111.6,
            4312586.0,     118.1,     118.6,       0.0);
2478        ( 578111.6, 4312586.0,     106.8,     106.8,       0.0);         ( 579111.6,
            4312586.0,      97.8,      97.8,       0.0);
2479        ( 580111.6, 4312586.0,      88.6,      88.6,       0.0);         ( 581111.6,
            4312586.0,      80.3,      80.3,       0.0);
2480        ( 582111.6, 4312586.0,      71.5,      71.5,       0.0);         ( 583111.6,
            4312586.0,      59.8,      59.8,       0.0);
2481        ( 584111.6, 4312586.0,      50.5,      50.5,       0.0);         ( 542111.6,
            4313586.0,     445.5,     832.5,       0.0);
2482        ( 543111.6, 4313586.0,     415.8,     888.1,       0.0);         ( 544111.6,
            4313586.0,     393.3,     921.0,       0.0);
2483        ( 545111.6, 4313586.0,     425.6,     888.1,       0.0);         ( 546111.6,
            4313586.0,     274.1,     973.9,       0.0);
2484        ( 547111.6, 4313586.0,     348.0,     925.1,       0.0);         ( 548111.6,
            4313586.0,     433.6,     637.9,       0.0);
2485        ( 549111.6, 4313586.0,     551.4,     586.3,       0.0);         ( 550111.6,
            4313586.0,     432.7,     666.9,       0.0);
2486        ( 551111.6, 4313586.0,     603.8,     650.2,       0.0);         ( 552111.6,
            4313586.0,     504.7,     664.0,       0.0);
2487        ( 553111.6, 4313586.0,     488.9,     522.9,       0.0);         ( 554111.6,
            4313586.0,     467.4,     516.9,       0.0);
2488        ( 555111.6, 4313586.0,     444.1,     566.1,       0.0);         ( 556111.6,
            4313586.0,     474.6,     854.2,       0.0);
2489        ( 557111.6, 4313586.0,     295.5,     854.2,       0.0);         ( 558111.6,
            4313586.0,     500.3,     854.2,       0.0);
2490        ( 559111.6, 4313586.0,     801.9,     822.5,       0.0);         ( 560111.6,
            4313586.0,     508.4,     854.2,       0.0);
2491        ( 561111.6, 4313586.0,     548.1,     854.2,       0.0);         ( 562111.6,
            4313586.0,     365.4,     854.2,       0.0);
2492        ( 563111.6, 4313586.0,     223.0,     854.2,       0.0);         ( 564111.6,
            4313586.0,     202.8,     854.2,       0.0);
2493        ( 565111.6, 4313586.0,     251.2,     256.2,       0.0);         ( 566111.6,
            4313586.0,     219.6,     299.5,       0.0);
2494        ( 567111.6, 4313586.0,     295.3,     345.4,       0.0);         ( 568111.6,
            4313586.0,     348.4,     369.9,       0.0);
2495        ( 569111.6, 4313586.0,     270.4,     380.2,       0.0);         ( 570111.6,
            4313586.0,     264.0,     354.5,       0.0);
2496        ( 571111.6, 4313586.0,     238.9,     321.4,       0.0);         ( 572111.6,
            4313586.0,     207.5,     315.2,       0.0);
2497        ( 573111.6, 4313586.0,     170.8,     281.9,       0.0);         ( 574111.6,
            4313586.0,     181.6,     189.0,       0.0);
2498        ( 575111.6, 4313586.0,     154.9,     162.7,       0.0);         ( 576111.6,
            4313586.0,     122.5,     134.4,       0.0);
```

```
2499        ( 577111.6, 4313586.0,     106.8,     106.8,       0.0);         ( 578111.6,
            4313586.0,      97.6,      97.6,       0.0);
2500        ( 579111.6, 4313586.0,      91.2,      91.2,       0.0);         ( 580111.6,
            4313586.0,      80.3,      80.3,       0.0);
2501        ( 581111.6, 4313586.0,      71.5,      71.5,       0.0);         ( 582111.6,
            4313586.0,      64.5,      64.5,       0.0);
2502    FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
        DPM                         ***        11/14/24
2503     *** AERMET - VERSION  19191 ***   *** Met data: Oroville
         2015-2019                                          ***        11:46:05
2504
                                    PAGE  47
2505     *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
2506
2507                                                  *** DISCRETE CARTESIAN RECEPTORS ***
2508                                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
2509                                                          (METERS)
2510
2511        ( 583111.6, 4313586.0,      55.0,      56.0,       0.0);         ( 584111.6,
            4313586.0,      47.5,      47.5,       0.0);
2512        ( 542111.6, 4314586.0,     412.1,     804.4,       0.0);         ( 543111.6,
            4314586.0,     290.4,     973.9,       0.0);
2513        ( 544111.6, 4314586.0,     382.2,     804.4,       0.0);         ( 545111.6,
            4314586.0,     293.8,     921.0,       0.0);
2514        ( 546111.6, 4314586.0,     346.6,     888.1,       0.0);         ( 547111.6,
            4314586.0,     412.6,     641.9,       0.0);
2515        ( 548111.6, 4314586.0,     416.2,     701.3,       0.0);         ( 549111.6,
            4314586.0,     558.2,     637.9,       0.0);
2516        ( 550111.6, 4314586.0,     600.2,     666.9,       0.0);         ( 551111.6,
            4314586.0,     494.4,     666.9,       0.0);
2517        ( 552111.6, 4314586.0,     429.4,     666.9,       0.0);         ( 553111.6,
            4314586.0,     400.0,     666.9,       0.0);
2518        ( 554111.6, 4314586.0,     412.4,     605.5,       0.0);         ( 555111.6,
            4314586.0,     463.5,     466.3,       0.0);
2519        ( 556111.6, 4314586.0,     384.1,     854.2,       0.0);         ( 557111.6,
            4314586.0,     314.2,     854.2,       0.0);
2520        ( 558111.6, 4314586.0,     485.4,     854.2,       0.0);         ( 559111.6,
            4314586.0,     809.5,     854.2,       0.0);
2521        ( 560111.6, 4314586.0,     523.3,     854.2,       0.0);         ( 561111.6,
            4314586.0,     476.0,     854.2,       0.0);
2522        ( 562111.6, 4314586.0,     371.8,     854.2,       0.0);         ( 563111.6,
            4314586.0,     219.6,     854.2,       0.0);
2523        ( 564111.6, 4314586.0,     186.1,     854.2,       0.0);         ( 565111.6,
            4314586.0,     233.4,     854.2,       0.0);
2524        ( 566111.6, 4314586.0,     200.1,     282.4,       0.0);         ( 567111.6,
            4314586.0,     254.7,     373.4,       0.0);
2525        ( 568111.6, 4314586.0,     347.9,     373.4,       0.0);         ( 569111.6,
            4314586.0,     315.8,     366.1,       0.0);
2526        ( 570111.6, 4314586.0,     257.9,     358.0,       0.0);         ( 571111.6,
            4314586.0,     226.9,     321.4,       0.0);
2527        ( 572111.6, 4314586.0,     210.5,     300.3,       0.0);         ( 573111.6,
            4314586.0,     182.1,     231.0,       0.0);
2528        ( 574111.6, 4314586.0,     162.4,     188.8,       0.0);         ( 575111.6,
            4314586.0,     138.1,     138.1,       0.0);
2529        ( 576111.6, 4314586.0,     121.0,     121.0,       0.0);         ( 577111.6,
            4314586.0,     103.2,     103.2,       0.0);
2530        ( 578111.6, 4314586.0,      90.6,      90.6,       0.0);         ( 579111.6,
            4314586.0,      82.7,      82.7,       0.0);
2531        ( 580111.6, 4314586.0,      73.9,      73.9,       0.0);         ( 581111.6,
            4314586.0,      66.2,      66.2,       0.0);
2532        ( 582111.6, 4314586.0,      58.3,      58.3,       0.0);         ( 583111.6,
            4314586.0,      47.1,      49.1,       0.0);
2533        ( 584111.6, 4314586.0,      38.9,      38.9,       0.0);         ( 542111.6,
            4315586.0,     378.1,     588.3,       0.0);
2534        ( 543111.6, 4315586.0,     416.5,     588.3,       0.0);         ( 544111.6,
            4315586.0,     379.8,     732.3,       0.0);
```

```
2535        ( 545111.6, 4315586.0,     285.9,     826.2,       0.0);         ( 546111.6,
            4315586.0,     468.6,     642.1,       0.0);
2536        ( 547111.6, 4315586.0,     497.7,     642.1,       0.0);         ( 548111.6,
            4315586.0,     485.3,     708.7,       0.0);
2537        ( 549111.6, 4315586.0,     508.1,     708.7,       0.0);         ( 550111.6,
            4315586.0,     630.2,     659.8,       0.0);
2538        ( 551111.6, 4315586.0,     537.3,     701.3,       0.0);         ( 552111.6,
            4315586.0,     452.8,     701.3,       0.0);
2539        ( 553111.6, 4315586.0,     447.1,     615.0,       0.0);         ( 554111.6,
            4315586.0,     516.1,     591.8,       0.0);
2540        ( 555111.6, 4315586.0,     419.3,     854.2,       0.0);         ( 556111.6,
            4315586.0,     308.1,     854.2,       0.0);
2541        ( 557111.6, 4315586.0,     497.7,     854.2,       0.0);         ( 558111.6,
            4315586.0,     594.4,     854.2,       0.0);
2542        ( 559111.6, 4315586.0,     759.0,     854.2,       0.0);         ( 560111.6,
            4315586.0,     518.7,     854.2,       0.0);
2543        ( 561111.6, 4315586.0,     525.6,     854.2,       0.0);         ( 562111.6,
            4315586.0,     318.5,     854.2,       0.0);
2544        ( 563111.6, 4315586.0,     183.1,     854.2,       0.0);         ( 564111.6,
            4315586.0,     211.0,     854.2,       0.0);
2545        ( 565111.6, 4315586.0,     230.2,     854.2,       0.0);         ( 566111.6,
            4315586.0,     231.5,     234.5,       0.0);
2546        ( 567111.6, 4315586.0,     230.2,     366.7,       0.0);         ( 568111.6,
            4315586.0,     295.7,     366.5,       0.0);
2547        ( 569111.6, 4315586.0,     259.1,     346.6,       0.0);         ( 570111.6,
            4315586.0,     268.4,     304.0,       0.0);
2548        ( 571111.6, 4315586.0,     257.0,     260.9,       0.0);         ( 572111.6,
            4315586.0,     181.4,     243.8,       0.0);
2549        ( 573111.6, 4315586.0,     156.1,     214.7,       0.0);         ( 574111.6,
            4315586.0,     158.0,     158.0,       0.0);
2550        ( 575111.6, 4315586.0,     126.1,     127.3,       0.0);         ( 576111.6,
            4315586.0,     110.9,     110.9,       0.0);
2551        ( 577111.6, 4315586.0,      96.2,      96.2,       0.0);         ( 578111.6,
            4315586.0,      83.7,      83.7,       0.0);
2552        ( 579111.6, 4315586.0,      75.0,      75.0,       0.0);         ( 580111.6,
            4315586.0,      69.5,      69.5,       0.0);
2553        ( 581111.6, 4315586.0,      61.2,      61.2,       0.0);         ( 582111.6,
            4315586.0,      52.3,      52.3,       0.0);
2554        ( 583111.6, 4315586.0,      43.8,      43.8,       0.0);         ( 584111.6,
            4315586.0,      36.1,      36.1,       0.0);
2555        ( 542111.6, 4316586.0,     435.7,     588.3,       0.0);         ( 543111.6,
            4316586.0,     536.3,     588.3,       0.0);
2556    FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
        DPM                         ***        11/14/24
2557     *** AERMET - VERSION  19191 ***   *** Met data: Oroville
         2015-2019                                          ***       11:46:05
2558
                                    PAGE  48
2559     *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
2560
2561                                              *** DISCRETE CARTESIAN RECEPTORS ***
2562                                             (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
2563                                                          (METERS)
2564
2565        ( 544111.6, 4316586.0,     398.4,     812.5,       0.0);         ( 545111.6,
            4316586.0,     485.9,     758.3,       0.0);
2566        ( 546111.6, 4316586.0,     388.1,     785.1,       0.0);         ( 547111.6,
            4316586.0,     597.3,     642.1,       0.0);
2567        ( 548111.6, 4316586.0,     533.8,     708.7,       0.0);         ( 549111.6,
            4316586.0,     578.2,     708.7,       0.0);
2568        ( 550111.6, 4316586.0,     669.6,     701.3,       0.0);         ( 551111.6,
            4316586.0,     548.6,     701.3,       0.0);
2569        ( 552111.6, 4316586.0,     458.8,     701.3,       0.0);         ( 553111.6,
            4316586.0,     514.0,     615.0,       0.0);
2570        ( 554111.6, 4316586.0,     570.0,     593.9,       0.0);         ( 555111.6,
            4316586.0,     354.1,     854.2,       0.0);
```

```
( 556111.6, 4316586.0,  324.8,  854.2,  0.0);  ( 557111.6, 4316586.0,  495.0,  854.2,  0.0);
( 558111.6, 4316586.0,  576.1,  854.2,  0.0);  ( 559111.6, 4316586.0,  793.5,  830.3,  0.0);
( 560111.6, 4316586.0,  543.2,  854.2,  0.0);  ( 561111.6, 4316586.0,  517.3,  854.2,  0.0);
( 562111.6, 4316586.0,  360.2,  854.2,  0.0);  ( 563111.6, 4316586.0,  232.1,  854.2,  0.0);
( 564111.6, 4316586.0,  151.5,  854.2,  0.0);  ( 565111.6, 4316586.0,  229.6,  312.3,  0.0);
( 566111.6, 4316586.0,  242.8,  314.1,  0.0);  ( 567111.6, 4316586.0,  194.8,  305.8,  0.0);
( 568111.6, 4316586.0,  214.5,  348.0,  0.0);  ( 569111.6, 4316586.0,  251.8,  274.1,  0.0);
( 570111.6, 4316586.0,  235.8,  262.7,  0.0);  ( 571111.6, 4316586.0,  205.9,  245.7,  0.0);
( 572111.6, 4316586.0,  190.3,  213.3,  0.0);  ( 573111.6, 4316586.0,  176.2,  180.2,  0.0);
( 574111.6, 4316586.0,  145.3,  145.3,  0.0);  ( 575111.6, 4316586.0,  101.2,  111.0,  0.0);
( 576111.6, 4316586.0,   96.6,   96.6,  0.0);  ( 577111.6, 4316586.0,   83.7,   83.7,  0.0);
( 578111.6, 4316586.0,   73.2,   73.2,  0.0);  ( 579111.6, 4316586.0,   67.0,   67.0,  0.0);
( 580111.6, 4316586.0,   63.8,   63.8,  0.0);  ( 581111.6, 4316586.0,   58.3,   58.3,  0.0);
( 582111.6, 4316586.0,   51.4,   51.4,  0.0);  ( 583111.6, 4316586.0,   42.1,   42.1,  0.0);
( 584111.6, 4316586.0,   34.4,   34.4,  0.0);  ( 542111.6, 4317586.0,  424.8,  836.4,  0.0);
( 543111.6, 4317586.0,  460.7,  836.4,  0.0);  ( 544111.6, 4317586.0,  438.8,  836.4,  0.0);
( 545111.6, 4317586.0,  534.5,  770.4,  0.0);  ( 546111.6, 4317586.0,  523.6,  758.3,  0.0);
( 547111.6, 4317586.0,  466.5,  758.3,  0.0);  ( 548111.6, 4317586.0,  490.9,  758.3,  0.0);
( 549111.6, 4317586.0,  672.1,  708.7,  0.0);  ( 550111.6, 4317586.0,  578.4,  708.7,  0.0);
( 551111.6, 4317586.0,  609.2,  658.2,  0.0);  ( 552111.6, 4317586.0,  554.6,  600.7,  0.0);
( 553111.6, 4317586.0,  568.5,  577.0,  0.0);  ( 554111.6, 4317586.0,  478.6,  615.0,  0.0);
( 555111.6, 4317586.0,  436.3,  850.0,  0.0);  ( 556111.6, 4317586.0,  346.6,  854.2,  0.0);
( 557111.6, 4317586.0,  440.8,  854.2,  0.0);  ( 558111.6, 4317586.0,  610.2,  850.0,  0.0);
( 559111.6, 4317586.0,  703.0,  850.0,  0.0);  ( 560111.6, 4317586.0,  481.2,  854.2,  0.0);
( 561111.6, 4317586.0,  473.8,  854.2,  0.0);  ( 562111.6, 4317586.0,  277.8,  854.2,  0.0);
( 563111.6, 4317586.0,  185.5,  854.2,  0.0);  ( 564111.6, 4317586.0,  150.2,  854.2,  0.0);
( 565111.6, 4317586.0,  234.2,  308.1,  0.0);  ( 566111.6, 4317586.0,  284.7,  307.1,  0.0);
( 567111.6, 4317586.0,  266.1,  299.4,  0.0);  ( 568111.6, 4317586.0,  226.2,  289.4,  0.0);
( 569111.6, 4317586.0,  160.0,  274.1,  0.0);  ( 570111.6, 4317586.0,  172.1,  257.6,  0.0);
( 571111.6, 4317586.0,  190.4,  221.0,  0.0);  ( 572111.6, 4317586.0,  178.2,  187.4,  0.0);
( 573111.6, 4317586.0,  153.1,  153.1,  0.0);  ( 574111.6, 4317586.0,  121.8,  121.8,  0.0);
( 575111.6, 4317586.0,  100.6,  100.6,  0.0);  ( 576111.6, 4317586.0,   85.0,   85.0,  0.0);
( 577111.6, 4317586.0,   74.2,   74.2,  0.0);  ( 578111.6, 4317586.0,   64.2,   64.2,  0.0);
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(548111.6, 4318586.0, 566.4, 758.3, 0.0); (549111.6, 4318586.0, 581.2, 737.2, 0.0);
(550111.6, 4318586.0, 647.7, 674.5, 0.0); (551111.6, 4318586.0, 603.3, 635.9, 0.0);
(552111.6, 4318586.0, 483.0, 658.2, 0.0); (553111.6, 4318586.0, 336.5, 689.5, 0.0);
(554111.6, 4318586.0, 387.7, 636.1, 0.0); (555111.6, 4318586.0, 372.9, 850.0, 0.0);
(556111.6, 4318586.0, 395.7, 850.0, 0.0); (557111.6, 4318586.0, 445.5, 850.0, 0.0);
(558111.6, 4318586.0, 563.6, 850.0, 0.0); (559111.6, 4318586.0, 714.5, 849.1, 0.0);
(560111.6, 4318586.0, 432.6, 854.2, 0.0); (561111.6, 4318586.0, 465.6, 850.0, 0.0);
(562111.6, 4318586.0, 225.7, 854.2, 0.0); (563111.6, 4318586.0, 164.3, 854.2, 0.0);
(564111.6, 4318586.0, 159.2, 854.2, 0.0); (565111.6, 4318586.0, 201.3, 850.0, 0.0);
(566111.6, 4318586.0, 239.8, 283.8, 0.0); (567111.6, 4318586.0, 261.6, 286.5, 0.0);
(568111.6, 4318586.0, 241.7, 275.1, 0.0); (569111.6, 4318586.0, 213.6, 257.7, 0.0);
(570111.6, 4318586.0, 167.4, 237.8, 0.0); (571111.6, 4318586.0, 164.6, 213.5, 0.0);
(572111.6, 4318586.0, 114.7, 184.7, 0.0); (573111.6, 4318586.0, 114.4, 135.5, 0.0);
(574111.6, 4318586.0, 107.1, 107.1, 0.0); (575111.6, 4318586.0, 84.3, 84.3, 0.0);
(576111.6, 4318586.0, 76.9, 76.9, 0.0); (577111.6, 4318586.0, 68.3, 68.3, 0.0);
(578111.6, 4318586.0, 59.8, 59.8, 0.0); (579111.6, 4318586.0, 52.3, 52.3, 0.0);
(580111.6, 4318586.0, 50.5, 50.5, 0.0); (581111.6, 4318586.0, 46.2, 46.2, 0.0);
(582111.6, 4318586.0, 40.8, 40.8, 0.0); (583111.6, 4318586.0, 34.9, 34.9, 0.0);
(584111.6, 4318586.0, 27.4, 27.4, 0.0); (542111.6, 4319586.0, 576.0, 836.4, 0.0);
(543111.6, 4319586.0, 646.5, 836.4, 0.0); (544111.6, 4319586.0, 569.4, 860.4, 0.0);
(545111.6, 4319586.0, 639.0, 830.9, 0.0); (546111.6, 4319586.0, 568.4, 826.2, 0.0);

```
2640        ( 547111.6, 4319586.0,     597.3,     778.4,       0.0);         ( 548111.6,
            4319586.0,     669.6,     737.2,       0.0);
2641        ( 549111.6, 4319586.0,     631.3,     737.2,       0.0);         ( 550111.6,
            4319586.0,     540.3,     737.2,       0.0);
2642        ( 551111.6, 4319586.0,     518.2,     733.6,       0.0);         ( 552111.6,
            4319586.0,     422.6,     733.6,       0.0);
2643        ( 553111.6, 4319586.0,     453.9,     637.0,       0.0);         ( 554111.6,
            4319586.0,     489.7,     624.8,       0.0);
2644        ( 555111.6, 4319586.0,     383.3,     850.0,       0.0);         ( 556111.6,
            4319586.0,     384.6,     850.0,       0.0);
2645        ( 557111.6, 4319586.0,     431.4,     850.0,       0.0);         ( 558111.6,
            4319586.0,     584.8,     850.0,       0.0);
2646        ( 559111.6, 4319586.0,     619.0,     849.1,       0.0);         ( 560111.6,
            4319586.0,     430.8,     850.0,       0.0);
2647        ( 561111.6, 4319586.0,     453.7,     850.0,       0.0);         ( 562111.6,
            4319586.0,     218.0,     854.2,       0.0);
2648        ( 563111.6, 4319586.0,     159.9,     854.2,       0.0);         ( 564111.6,
            4319586.0,     133.5,     854.2,       0.0);
2649        ( 565111.6, 4319586.0,     127.7,     850.0,       0.0);         ( 566111.6,
            4319586.0,     189.8,     274.4,       0.0);
2650        ( 567111.6, 4319586.0,     254.2,     258.7,       0.0);         ( 568111.6,
            4319586.0,     228.8,     251.7,       0.0);
2651        ( 569111.6, 4319586.0,     188.6,     262.2,       0.0);         ( 570111.6,
            4319586.0,     154.0,     247.2,       0.0);
2652        ( 571111.6, 4319586.0,     138.7,     217.8,       0.0);         ( 572111.6,
            4319586.0,     135.0,     156.5,       0.0);
2653        ( 573111.6, 4319586.0,     121.3,     121.3,       0.0);         ( 574111.6,
            4319586.0,      89.1,      89.1,       0.0);
2654        ( 575111.6, 4319586.0,      79.8,      79.8,       0.0);         ( 576111.6,
            4319586.0,      69.0,      69.0,       0.0);
2655        ( 577111.6, 4319586.0,      60.5,      60.5,       0.0);         ( 578111.6,
            4319586.0,      53.8,      53.8,       0.0);
2656        ( 579111.6, 4319586.0,      48.8,      48.8,       0.0);         ( 580111.6,
            4319586.0,      43.2,      43.2,       0.0);
2657        ( 581111.6, 4319586.0,      40.0,      40.0,       0.0);         ( 582111.6,
            4319586.0,      37.0,      37.0,       0.0);
2658        ( 583111.6, 4319586.0,      29.1,      29.1,       0.0);         ( 584111.6,
            4319586.0,      23.5,      23.5,       0.0);
2659        ( 542111.6, 4320586.0,     636.1,     836.4,       0.0);         ( 543111.6,
            4320586.0,     756.9,     833.6,       0.0);
2660        ( 544111.6, 4320586.0,     812.2,     812.2,       0.0);         ( 545111.6,
            4320586.0,     663.3,     836.4,       0.0);
2661        ( 546111.6, 4320586.0,     715.6,     770.6,       0.0);         ( 547111.6,
            4320586.0,     685.5,     778.4,       0.0);
2662        ( 548111.6, 4320586.0,     547.6,     781.3,       0.0);         ( 549111.6,
            4320586.0,     447.3,     793.2,       0.0);
2663        ( 550111.6, 4320586.0,     559.6,     733.6,       0.0);         ( 551111.6,
            4320586.0,     439.7,     737.2,       0.0);
2664    FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
        DPM                        ***       11/14/24
2665     *** AERMET - VERSION  19191 ***   *** Met data: Oroville
         2015-2019                                          ***       11:46:05
2666
                                  PAGE  50
2667     *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
2668
2669                                                *** DISCRETE CARTESIAN RECEPTORS ***
2670                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
2671                                                           (METERS)
2672
2673        ( 552111.6, 4320586.0,     502.6,     637.0,       0.0);         ( 553111.6,
            4320586.0,     539.0,     637.0,       0.0);
2674        ( 554111.6, 4320586.0,     419.1,     637.0,       0.0);         ( 555111.6,
            4320586.0,     372.8,     849.1,       0.0);
2675        ( 556111.6, 4320586.0,     521.8,     849.1,       0.0);         ( 557111.6,
            4320586.0,     414.4,     850.0,       0.0);
```

```
2676        ( 558111.6, 4320586.0,     594.7,     849.1,       0.0);         ( 559111.6,
            4320586.0,     677.7,     849.1,       0.0);
2677        ( 560111.6, 4320586.0,     428.9,     850.0,       0.0);         ( 561111.6,
            4320586.0,     399.6,     850.0,       0.0);
2678        ( 562111.6, 4320586.0,     248.5,     850.0,       0.0);         ( 563111.6,
            4320586.0,     164.8,     850.0,       0.0);
2679        ( 564111.6, 4320586.0,     159.9,     850.0,       0.0);         ( 565111.6,
            4320586.0,     144.3,     849.1,       0.0);
2680        ( 566111.6, 4320586.0,     117.1,     274.4,       0.0);         ( 567111.6,
            4320586.0,     218.4,     251.4,       0.0);
2681        ( 568111.6, 4320586.0,     192.1,     241.4,       0.0);         ( 569111.6,
            4320586.0,     217.5,     217.5,       0.0);
2682        ( 570111.6, 4320586.0,     184.8,     203.9,       0.0);         ( 571111.6,
            4320586.0,     161.4,     171.5,       0.0);
2683        ( 572111.6, 4320586.0,     115.1,     126.0,       0.0);         ( 573111.6,
            4320586.0,      94.2,      94.2,       0.0);
2684        ( 574111.6, 4320586.0,      77.9,      77.9,       0.0);         ( 575111.6,
            4320586.0,      74.8,      74.8,       0.0);
2685        ( 576111.6, 4320586.0,      66.2,      66.2,       0.0);         ( 577111.6,
            4320586.0,      56.9,      56.9,       0.0);
2686        ( 578111.6, 4320586.0,      49.4,      49.4,       0.0);         ( 579111.6,
            4320586.0,      43.9,      43.9,       0.0);
2687        ( 580111.6, 4320586.0,      38.9,      38.9,       0.0);         ( 581111.6,
            4320586.0,      35.5,      35.5,       0.0);
2688        ( 582111.6, 4320586.0,      31.4,      31.4,       0.0);         ( 583111.6,
            4320586.0,      26.8,      26.8,       0.0);
2689        ( 584111.6, 4320586.0,      20.8,      20.8,       0.0);         ( 542111.6,
            4321586.0,     726.6,     751.8,       0.0);
2690        ( 543111.6, 4321586.0,     771.3,     814.4,       0.0);         ( 544111.6,
            4321586.0,     721.6,     869.3,       0.0);
2691        ( 545111.6, 4321586.0,     722.8,     860.4,       0.0);         ( 546111.6,
            4321586.0,     756.8,     802.0,       0.0);
2692        ( 547111.6, 4321586.0,     574.6,     815.7,       0.0);         ( 548111.6,
            4321586.0,     445.5,    1074.3,       0.0);
2693        ( 549111.6, 4321586.0,     545.2,     600.5,       0.0);         ( 550111.6,
            4321586.0,     488.2,     733.6,       0.0);
2694        ( 551111.6, 4321586.0,     373.6,     737.2,       0.0);         ( 552111.6,
            4321586.0,     623.7,     623.7,       0.0);
2695        ( 553111.6, 4321586.0,     486.4,     637.0,       0.0);         ( 554111.6,
            4321586.0,     378.0,     637.0,       0.0);
2696        ( 555111.6, 4321586.0,     428.0,     793.0,       0.0);         ( 556111.6,
            4321586.0,     571.0,     574.4,       0.0);
2697        ( 557111.6, 4321586.0,     394.7,     849.1,       0.0);         ( 558111.6,
            4321586.0,     619.5,     793.0,       0.0);
2698        ( 559111.6, 4321586.0,     614.0,     793.0,       0.0);         ( 560111.6,
            4321586.0,     354.2,     850.0,       0.0);
2699        ( 561111.6, 4321586.0,     363.0,     849.1,       0.0);         ( 562111.6,
            4321586.0,     193.9,     850.0,       0.0);
2700        ( 563111.6, 4321586.0,     178.8,     850.0,       0.0);         ( 564111.6,
            4321586.0,     171.3,     849.1,       0.0);
2701        ( 565111.6, 4321586.0,     131.8,     849.1,       0.0);         ( 566111.6,
            4321586.0,     143.6,     164.8,       0.0);
2702        ( 567111.6, 4321586.0,     112.7,     251.4,       0.0);         ( 568111.6,
            4321586.0,     172.7,     227.2,       0.0);
2703        ( 569111.6, 4321586.0,     175.6,     211.2,       0.0);         ( 570111.6,
            4321586.0,     162.7,     192.4,       0.0);
2704        ( 571111.6, 4321586.0,     121.3,     135.4,       0.0);         ( 572111.6,
            4321586.0,      90.4,      90.4,       0.0);
2705        ( 573111.6, 4321586.0,      74.4,      74.4,       0.0);         ( 574111.6,
            4321586.0,      68.3,      68.3,       0.0);
2706        ( 575111.6, 4321586.0,      66.8,      66.8,       0.0);         ( 576111.6,
            4321586.0,      61.7,      61.7,       0.0);
2707        ( 577111.6, 4321586.0,      53.1,      53.1,       0.0);         ( 578111.6,
            4321586.0,      44.2,      44.2,       0.0);
2708        ( 579111.6, 4321586.0,      39.1,      39.1,       0.0);         ( 580111.6,
            4321586.0,      35.2,      35.2,       0.0);
```

```
2709        ( 581111.6, 4321586.0,      31.1,      31.1,       0.0);         ( 582111.6,
            4321586.0,      28.9,      28.9,       0.0);
2710        ( 583111.6, 4321586.0,      23.0,      23.0,       0.0);         ( 584111.6,
            4321586.0,      19.0,      19.0,       0.0);
2711        ( 542111.6, 4322586.0,     664.1,     874.1,       0.0);         ( 543111.6,
            4322586.0,     717.1,     894.3,       0.0);
2712        ( 544111.6, 4322586.0,     808.2,     869.3,       0.0);         ( 545111.6,
            4322586.0,     779.7,     844.3,       0.0);
2713        ( 546111.6, 4322586.0,     666.6,     865.6,       0.0);         ( 547111.6,
            4322586.0,     488.1,    1093.3,       0.0);
2714        ( 548111.6, 4322586.0,     581.8,     781.3,       0.0);         ( 549111.6,
            4322586.0,     604.4,     623.5,       0.0);
2715        ( 550111.6, 4322586.0,     477.7,     723.3,       0.0);         ( 551111.6,
            4322586.0,     376.6,     723.3,       0.0);
2716        ( 552111.6, 4322586.0,     483.4,     635.9,       0.0);         ( 553111.6,
            4322586.0,     498.3,     629.9,       0.0);
2717        ( 554111.6, 4322586.0,     452.9,     629.2,       0.0);         ( 555111.6,
            4322586.0,     522.3,     629.2,       0.0);
2718    FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
        DPM                         ***         11/14/24
2719     *** AERMET - VERSION  19191 ***   *** Met data: Oroville
         2015-2019                                          ***        11:46:05
2720
                                    PAGE  51
2721     *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
2722
2723                                                  *** DISCRETE CARTESIAN RECEPTORS ***
2724                                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
2725                                                          (METERS)
2726
2727        ( 556111.6, 4322586.0,     480.9,     793.0,       0.0);         ( 557111.6,
            4322586.0,     385.7,     849.1,       0.0);
2728        ( 558111.6, 4322586.0,     663.6,     793.0,       0.0);         ( 559111.6,
            4322586.0,     509.4,     793.0,       0.0);
2729        ( 560111.6, 4322586.0,     351.6,     849.1,       0.0);         ( 561111.6,
            4322586.0,     260.0,     850.0,       0.0);
2730        ( 562111.6, 4322586.0,     178.2,     850.0,       0.0);         ( 563111.6,
            4322586.0,     178.2,     849.1,       0.0);
2731        ( 564111.6, 4322586.0,     161.1,     849.1,       0.0);         ( 565111.6,
            4322586.0,     183.2,     205.2,       0.0);
2732        ( 566111.6, 4322586.0,     163.5,     178.2,       0.0);         ( 567111.6,
            4322586.0,     141.1,     168.4,       0.0);
2733        ( 568111.6, 4322586.0,     114.7,     198.8,       0.0);         ( 569111.6,
            4322586.0,      91.1,     211.2,       0.0);
2734        ( 570111.6, 4322586.0,     134.1,     147.9,       0.0);         ( 571111.6,
            4322586.0,      96.6,      98.7,       0.0);
2735        ( 572111.6, 4322586.0,      67.5,      67.5,       0.0);         ( 573111.6,
            4322586.0,      61.8,      61.8,       0.0);
2736        ( 574111.6, 4322586.0,      59.3,      59.3,       0.0);         ( 575111.6,
            4322586.0,      59.0,      59.0,       0.0);
2737        ( 576111.6, 4322586.0,      53.6,      53.6,       0.0);         ( 577111.6,
            4322586.0,      48.6,      48.6,       0.0);
2738        ( 578111.6, 4322586.0,      40.1,      40.1,       0.0);         ( 579111.6,
            4322586.0,      34.5,      34.5,       0.0);
2739        ( 580111.6, 4322586.0,      30.9,      30.9,       0.0);         ( 581111.6,
            4322586.0,      27.2,      27.2,       0.0);
2740        ( 582111.6, 4322586.0,      24.2,      24.2,       0.0);         ( 583111.6,
            4322586.0,      22.1,      22.1,       0.0);
2741        ( 584111.6, 4322586.0,      18.7,      18.7,       0.0);         ( 542111.6,
            4323586.0,     565.9,    1093.3,       0.0);
2742        ( 543111.6, 4323586.0,     752.6,    1074.1,       0.0);         ( 544111.6,
            4323586.0,     837.3,     894.3,       0.0);
2743        ( 545111.6, 4323586.0,     686.0,    1079.4,       0.0);         ( 546111.6,
            4323586.0,     613.5,    1093.3,       0.0);
2744        ( 547111.6, 4323586.0,     567.4,    1093.3,       0.0);         ( 548111.6,
            4323586.0,     700.9,     717.2,       0.0);
```

```
2745        ( 549111.6, 4323586.0,     632.7,     635.6,       0.0);         ( 550111.6,
            4323586.0,     451.9,     723.3,       0.0);
2746        ( 551111.6, 4323586.0,     444.4,     680.4,       0.0);         ( 552111.6,
            4323586.0,     458.5,     562.9,       0.0);
2747        ( 553111.6, 4323586.0,     393.9,     633.7,       0.0);         ( 554111.6,
            4323586.0,     494.4,     519.5,       0.0);
2748        ( 555111.6, 4323586.0,     536.0,     628.5,       0.0);         ( 556111.6,
            4323586.0,     427.1,     793.0,       0.0);
2749        ( 557111.6, 4323586.0,     408.5,     793.0,       0.0);         ( 558111.6,
            4323586.0,     706.7,     793.0,       0.0);
2750        ( 559111.6, 4323586.0,     436.7,     793.0,       0.0);         ( 560111.6,
            4323586.0,     401.0,     793.0,       0.0);
2751        ( 561111.6, 4323586.0,     178.5,     849.1,       0.0);         ( 562111.6,
            4323586.0,     153.2,     849.1,       0.0);
2752        ( 563111.6, 4323586.0,     138.4,     849.1,       0.0);         ( 564111.6,
            4323586.0,     138.9,     849.1,       0.0);
2753        ( 565111.6, 4323586.0,     184.1,     193.0,       0.0);         ( 566111.6,
            4323586.0,     170.9,     195.8,       0.0);
2754        ( 567111.6, 4323586.0,     141.0,     181.7,       0.0);         ( 568111.6,
            4323586.0,     125.6,     155.9,       0.0);
2755        ( 569111.6, 4323586.0,      79.3,     160.5,       0.0);         ( 570111.6,
            4323586.0,     101.2,     101.2,       0.0);
2756        ( 571111.6, 4323586.0,      71.6,      71.6,       0.0);         ( 572111.6,
            4323586.0,      57.0,      57.0,       0.0);
2757        ( 573111.6, 4323586.0,      51.0,      51.0,       0.0);         ( 574111.6,
            4323586.0,      50.4,      50.4,       0.0);
2758        ( 575111.6, 4323586.0,      50.1,      50.1,       0.0);         ( 576111.6,
            4323586.0,      45.7,      45.7,       0.0);
2759        ( 577111.6, 4323586.0,      41.8,      41.8,       0.0);         ( 578111.6,
            4323586.0,      36.8,      36.8,       0.0);
2760        ( 579111.6, 4323586.0,      30.3,      30.3,       0.0);         ( 580111.6,
            4323586.0,      27.2,      27.2,       0.0);
2761        ( 581111.6, 4323586.0,      25.3,      25.3,       0.0);         ( 582111.6,
            4323586.0,      21.8,      21.8,       0.0);
2762        ( 583111.6, 4323586.0,      18.8,      18.8,       0.0);         ( 584111.6,
            4323586.0,      16.5,      16.5,       0.0);
2763        ( 542111.6, 4324586.0,     569.1,    1093.3,       0.0);         ( 543111.6,
            4324586.0,     621.1,    1093.3,       0.0);
2764        ( 544111.6, 4324586.0,     844.3,    1074.3,       0.0);         ( 545111.6,
            4324586.0,     760.0,    1093.3,       0.0);
2765        ( 546111.6, 4324586.0,     646.2,    1093.3,       0.0);         ( 547111.6,
            4324586.0,     665.5,    1092.0,       0.0);
2766        ( 548111.6, 4324586.0,     681.1,     681.1,       0.0);         ( 549111.6,
            4324586.0,     617.1,     684.3,       0.0);
2767        ( 550111.6, 4324586.0,     409.5,    1093.3,       0.0);         ( 551111.6,
            4324586.0,     393.9,     717.0,       0.0);
2768        ( 552111.6, 4324586.0,     487.7,     544.8,       0.0);         ( 553111.6,
            4324586.0,     342.8,     628.5,       0.0);
2769        ( 554111.6, 4324586.0,     405.2,     628.5,       0.0);         ( 555111.6,
            4324586.0,     548.6,     585.2,       0.0);
2770        ( 556111.6, 4324586.0,     330.5,     793.0,       0.0);         ( 557111.6,
            4324586.0,     325.3,     793.0,       0.0);
2771        ( 558111.6, 4324586.0,     586.0,     793.0,       0.0);         ( 559111.6,
            4324586.0,     431.2,     793.0,       0.0);
2772   FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
       DPM                          ***         11/14/24
2773    *** AERMET - VERSION  19191 ***   *** Met data: Oroville
        2015-2019                                          ***        11:46:05
2774
                                    PAGE  52
2775    *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
2776
2777                                              *** DISCRETE CARTESIAN RECEPTORS ***
2778                                             (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
2779                                                          (METERS)
2780
```

```
2781        ( 567111.6, 4324586.0,     136.9,     176.8,       0.0);         ( 568111.6,
            4324586.0,     119.5,     154.6,       0.0);
2782        ( 569111.6, 4324586.0,      74.1,      74.1,       0.0);         ( 570111.6,
            4324586.0,      84.8,      84.8,       0.0);
2783        ( 571111.6, 4324586.0,      59.5,      73.4,       0.0);         ( 572111.6,
            4324586.0,      52.7,      52.7,       0.0);
2784        ( 573111.6, 4324586.0,      45.9,      45.9,       0.0);         ( 574111.6,
            4324586.0,      43.7,      43.7,       0.0);
2785        ( 575111.6, 4324586.0,      42.1,      42.1,       0.0);         ( 576111.6,
            4324586.0,      38.6,      38.6,       0.0);
2786        ( 577111.6, 4324586.0,      34.9,      34.9,       0.0);         ( 578111.6,
            4324586.0,      31.5,      31.5,       0.0);
2787        ( 579111.6, 4324586.0,      27.7,      27.7,       0.0);         ( 580111.6,
            4324586.0,      25.1,      25.1,       0.0);
2788        ( 581111.6, 4324586.0,      22.6,      22.6,       0.0);         ( 582111.6,
            4324586.0,      19.8,      19.8,       0.0);
2789        ( 583111.6, 4324586.0,      17.9,      17.9,       0.0);         ( 584111.6,
            4324586.0,      15.4,      15.4,       0.0);
2790        ( 542111.6, 4325586.0,     582.9,    1093.3,       0.0);         ( 543111.6,
            4325586.0,     643.0,    1093.3,       0.0);
2791        ( 544111.6, 4325586.0,     985.4,    1071.6,       0.0);         ( 545111.6,
            4325586.0,     897.0,    1078.8,       0.0);
2792        ( 546111.6, 4325586.0,     852.9,    1074.3,       0.0);         ( 547111.6,
            4325586.0,     720.0,    1093.3,       0.0);
2793        ( 548111.6, 4325586.0,     681.5,    1074.3,       0.0);         ( 549111.6,
            4325586.0,     462.1,    1093.3,       0.0);
2794        ( 550111.6, 4325586.0,     408.5,    1093.3,       0.0);         ( 551111.6,
            4325586.0,     395.7,    1072.6,       0.0);
2795        ( 552111.6, 4325586.0,     425.9,     549.0,       0.0);         ( 553111.6,
            4325586.0,     363.8,     549.0,       0.0);
2796        ( 554111.6, 4325586.0,     398.0,     585.2,       0.0);         ( 555111.6,
            4325586.0,     380.6,     793.0,       0.0);
2797        ( 556111.6, 4325586.0,     302.4,     793.0,       0.0);         ( 557111.6,
            4325586.0,     303.1,     793.0,       0.0);
2798        ( 558111.6, 4325586.0,     522.6,     793.0,       0.0);         ( 559111.6,
            4325586.0,     332.6,     793.0,       0.0);
2799        ( 567111.6, 4325586.0,     116.0,     163.9,       0.0);         ( 568111.6,
            4325586.0,     110.1,     132.3,       0.0);
2800        ( 569111.6, 4325586.0,      78.0,      99.3,       0.0);         ( 570111.6,
            4325586.0,      65.9,      65.9,       0.0);
2801        ( 571111.6, 4325586.0,      58.0,      58.0,       0.0);         ( 572111.6,
            4325586.0,      47.4,      47.4,       0.0);
2802        ( 573111.6, 4325586.0,      41.6,      41.6,       0.0);         ( 574111.6,
            4325586.0,      38.7,      38.7,       0.0);
2803        ( 575111.6, 4325586.0,      36.4,      36.4,       0.0);         ( 576111.6,
            4325586.0,      33.0,      33.0,       0.0);
2804        ( 577111.6, 4325586.0,      30.3,      30.3,       0.0);         ( 578111.6,
            4325586.0,      27.0,      27.0,       0.0);
2805        ( 579111.6, 4325586.0,      25.8,      25.8,       0.0);         ( 580111.6,
            4325586.0,      23.3,      23.3,       0.0);
2806        ( 581111.6, 4325586.0,      21.4,      21.4,       0.0);         ( 582111.6,
            4325586.0,      19.1,      19.1,       0.0);
2807        ( 583111.6, 4325586.0,      17.2,      17.2,       0.0);         ( 584111.6,
            4325586.0,      14.7,      14.7,       0.0);
2808        ( 542111.6, 4326586.0,     564.5,    1093.3,       0.0);         ( 543111.6,
            4326586.0,     722.1,    1093.3,       0.0);
2809        ( 544111.6, 4326586.0,    1004.6,    1078.8,       0.0);         ( 545111.6,
            4326586.0,     914.7,    1093.3,       0.0);
2810        ( 546111.6, 4326586.0,     751.0,    1093.3,       0.0);         ( 547111.6,
            4326586.0,     708.5,    1093.3,       0.0);
2811        ( 548111.6, 4326586.0,     624.2,    1093.3,       0.0);         ( 549111.6,
            4326586.0,     409.5,    1093.3,       0.0);
2812        ( 550111.6, 4326586.0,     395.2,    1093.3,       0.0);         ( 551111.6,
            4326586.0,     393.6,    1078.8,       0.0);
2813        ( 552111.6, 4326586.0,     346.0,     549.0,       0.0);         ( 553111.6,
            4326586.0,     460.9,     502.0,       0.0);
```

(554111.6, 4326586.0, 248.8, 793.0, 0.0); (555111.6, 4326586.0, 288.2, 793.0, 0.0);
(556111.6, 4326586.0, 252.9, 793.0, 0.0); (557111.6, 4326586.0, 282.8, 793.0, 0.0);
(558111.6, 4326586.0, 563.0, 632.1, 0.0); (559111.6, 4326586.0, 273.4, 793.0, 0.0);
(567111.6, 4326586.0, 91.2, 111.8, 0.0); (568111.6, 4326586.0, 81.1, 90.5, 0.0);
(569111.6, 4326586.0, 68.2, 68.2, 0.0); (570111.6, 4326586.0, 58.3, 58.3, 0.0);
(571111.6, 4326586.0, 54.5, 54.5, 0.0); (572111.6, 4326586.0, 49.1, 49.1, 0.0);
(573111.6, 4326586.0, 42.0, 42.0, 0.0); (574111.6, 4326586.0, 37.1, 37.1, 0.0);
(575111.6, 4326586.0, 34.2, 34.2, 0.0); (576111.6, 4326586.0, 31.5, 31.5, 0.0);
(577111.6, 4326586.0, 28.6, 28.6, 0.0); (578111.6, 4326586.0, 26.1, 26.1, 0.0);
(579111.6, 4326586.0, 23.6, 23.6, 0.0); (580111.6, 4326586.0, 21.8, 21.8, 0.0);
(581111.6, 4326586.0, 20.4, 20.4, 0.0); (582111.6, 4326586.0, 18.4, 18.4, 0.0);
(583111.6, 4326586.0, 16.4, 16.4, 0.0); (584111.6, 4326586.0, 14.0, 14.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(542111.6, 4327586.0, 678.3, 1093.3, 0.0); (543111.6, 4327586.0, 834.0, 1093.3, 0.0);
(544111.6, 4327586.0, 1066.7, 1093.3, 0.0); (545111.6, 4327586.0, 935.0, 1093.3, 0.0);
(546111.6, 4327586.0, 791.5, 1093.3, 0.0); (547111.6, 4327586.0, 573.9, 1093.3, 0.0);
(548111.6, 4327586.0, 431.4, 1093.3, 0.0); (549111.6, 4327586.0, 407.9, 1093.3, 0.0);
(550111.6, 4327586.0, 398.3, 1093.3, 0.0); (551111.6, 4327586.0, 425.0, 525.6, 0.0);
(552111.6, 4327586.0, 349.5, 547.0, 0.0); (553111.6, 4327586.0, 414.7, 536.8, 0.0);
(554111.6, 4327586.0, 274.7, 541.9, 0.0); (555111.6, 4327586.0, 352.9, 506.4, 0.0);
(556111.6, 4327586.0, 224.8, 793.0, 0.0); (557111.6, 4327586.0, 265.4, 793.0, 0.0);
(558111.6, 4327586.0, 504.6, 600.9, 0.0); (559111.6, 4327586.0, 215.2, 793.0, 0.0);
(567111.6, 4327586.0, 58.0, 58.0, 0.0); (568111.6, 4327586.0, 68.1, 68.1, 0.0);
(569111.6, 4327586.0, 53.9, 53.9, 0.0); (570111.6, 4327586.0, 51.4, 51.4, 0.0);
(571111.6, 4327586.0, 49.9, 49.9, 0.0); (572111.6, 4327586.0, 43.9, 43.9, 0.0);
(573111.6, 4327586.0, 40.5, 40.5, 0.0); (574111.6, 4327586.0, 38.0, 38.0, 0.0);
(575111.6, 4327586.0, 33.5, 33.5, 0.0); (576111.6, 4327586.0, 30.6, 30.6, 0.0);
(577111.6, 4327586.0, 28.1, 28.1, 0.0); (578111.6, 4327586.0, 25.4, 25.4, 0.0);

```
2850        ( 579111.6, 4327586.0,      23.0,      23.0,       0.0);         ( 580111.6,
            4327586.0,      21.1,      21.1,       0.0);
2851        ( 581111.6, 4327586.0,      19.7,      19.7,       0.0);         ( 582111.6,
            4327586.0,      18.0,      18.0,       0.0);
2852        ( 583111.6, 4327586.0,      15.9,      15.9,       0.0);         ( 584111.6,
            4327586.0,      14.1,      14.1,       0.0);
2853        ( 542111.6, 4328586.0,     692.0,    1093.3,       0.0);         ( 543111.6,
            4328586.0,     923.1,    1093.3,       0.0);
2854        ( 544111.6, 4328586.0,     991.7,    1093.3,       0.0);         ( 545111.6,
            4328586.0,     814.3,    1093.3,       0.0);
2855        ( 546111.6, 4328586.0,     715.0,    1093.3,       0.0);         ( 547111.6,
            4328586.0,     604.6,    1093.3,       0.0);
2856        ( 548111.6, 4328586.0,     416.2,    1093.3,       0.0);         ( 549111.6,
            4328586.0,     407.4,    1093.3,       0.0);
2857        ( 550111.6, 4328586.0,     398.4,    1093.3,       0.0);         ( 551111.6,
            4328586.0,     494.3,     507.2,       0.0);
2858        ( 552111.6, 4328586.0,     386.4,     541.9,       0.0);         ( 553111.6,
            4328586.0,     323.6,     541.9,       0.0);
2859        ( 554111.6, 4328586.0,     304.8,     541.9,       0.0);         ( 555111.6,
            4328586.0,     372.5,     506.4,       0.0);
2860        ( 556111.6, 4328586.0,     191.3,     793.0,       0.0);         ( 557111.6,
            4328586.0,     282.5,     674.8,       0.0);
2861        ( 558111.6, 4328586.0,     181.1,     793.0,       0.0);         ( 559111.6,
            4328586.0,     199.4,     793.0,       0.0);
2862        ( 567111.6, 4328586.0,      69.7,      69.7,       0.0);         ( 568111.6,
            4328586.0,      52.0,      52.0,       0.0);
2863        ( 569111.6, 4328586.0,      46.7,      46.7,       0.0);         ( 570111.6,
            4328586.0,      44.1,      44.1,       0.0);
2864        ( 571111.6, 4328586.0,      46.2,      46.2,       0.0);         ( 572111.6,
            4328586.0,      42.7,      42.7,       0.0);
2865        ( 573111.6, 4328586.0,      38.8,      38.8,       0.0);         ( 574111.6,
            4328586.0,      35.2,      35.2,       0.0);
2866        ( 575111.6, 4328586.0,      33.0,      33.0,       0.0);         ( 576111.6,
            4328586.0,      29.1,      29.1,       0.0);
2867        ( 577111.6, 4328586.0,      26.5,      26.5,       0.0);         ( 578111.6,
            4328586.0,      25.4,      25.4,       0.0);
2868        ( 579111.6, 4328586.0,      23.6,      23.6,       0.0);         ( 580111.6,
            4328586.0,      21.6,      21.6,       0.0);
2869        ( 581111.6, 4328586.0,      20.0,      20.0,       0.0);         ( 582111.6,
            4328586.0,      17.3,      17.3,       0.0);
2870        ( 583111.6, 4328586.0,      15.9,      15.9,       0.0);         ( 584111.6,
            4328586.0,      13.6,      13.6,       0.0);
2871        ( 542111.6, 4329586.0,     680.9,    1093.3,       0.0);         ( 543111.6,
            4329586.0,     859.9,    1093.3,       0.0);
2872        ( 544111.6, 4329586.0,     937.8,    1003.8,       0.0);         ( 545111.6,
            4329586.0,     704.0,    1093.3,       0.0);
2873        ( 546111.6, 4329586.0,     710.8,    1093.3,       0.0);         ( 547111.6,
            4329586.0,     646.4,    1093.3,       0.0);
2874        ( 548111.6, 4329586.0,     415.0,    1093.3,       0.0);         ( 549111.6,
            4329586.0,     403.1,    1093.3,       0.0);
2875        ( 550111.6, 4329586.0,     398.3,    1093.3,       0.0);         ( 551111.6,
            4329586.0,     420.5,     530.7,       0.0);
2876        ( 552111.6, 4329586.0,     467.1,     541.9,       0.0);         ( 553111.6,
            4329586.0,     304.1,     566.9,       0.0);
2877        ( 554111.6, 4329586.0,     258.9,     566.9,       0.0);         ( 555111.6,
            4329586.0,     323.2,     506.4,       0.0);
2878        ( 556111.6, 4329586.0,     194.7,     662.3,       0.0);         ( 557111.6,
            4329586.0,     328.7,     588.7,       0.0);
2879        ( 558111.6, 4329586.0,     407.4,     588.7,       0.0);         ( 559111.6,
            4329586.0,     218.0,     669.4,       0.0);
2880  FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                          ***         11/14/24
2881   *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                          ***        11:46:05
2882
                                  PAGE  54
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(567111.6, 4329586.0, 50.3, 50.3, 0.0); (568111.6, 4329586.0, 46.6, 46.6, 0.0);
(569111.6, 4329586.0, 42.5, 42.5, 0.0); (570111.6, 4329586.0, 40.5, 40.5, 0.0);
(571111.6, 4329586.0, 42.2, 42.2, 0.0); (572111.6, 4329586.0, 38.5, 38.5, 0.0);
(573111.6, 4329586.0, 36.5, 36.5, 0.0); (574111.6, 4329586.0, 34.9, 34.9, 0.0);
(575111.6, 4329586.0, 31.6, 31.6, 0.0); (576111.6, 4329586.0, 30.2, 30.2, 0.0);
(577111.6, 4329586.0, 26.0, 26.0, 0.0); (578111.6, 4329586.0, 24.5, 24.5, 0.0);
(579111.6, 4329586.0, 21.7, 21.7, 0.0); (580111.6, 4329586.0, 20.4, 20.4, 0.0);
(581111.6, 4329586.0, 19.8, 19.8, 0.0); (582111.6, 4329586.0, 16.1, 16.1, 0.0);
(583111.6, 4329586.0, 15.0, 15.0, 0.0); (584111.6, 4329586.0, 12.8, 12.8, 0.0);
(542111.6, 4330586.0, 710.8, 1093.3, 0.0); (543111.6, 4330586.0, 952.6, 980.7, 0.0);
(544111.6, 4330586.0, 887.8, 887.8, 0.0); (545111.6, 4330586.0, 878.6, 922.8, 0.0);
(546111.6, 4330586.0, 700.2, 1093.3, 0.0); (547111.6, 4330586.0, 593.3, 1093.3, 0.0);
(548111.6, 4330586.0, 412.1, 1093.3, 0.0); (549111.6, 4330586.0, 403.0, 1093.3, 0.0);
(550111.6, 4330586.0, 401.8, 1093.3, 0.0); (551111.6, 4330586.0, 396.2, 613.2, 0.0);
(552111.6, 4330586.0, 398.7, 585.6, 0.0); (553111.6, 4330586.0, 221.8, 648.8, 0.0);
(554111.6, 4330586.0, 195.2, 623.1, 0.0); (555111.6, 4330586.0, 334.1, 588.7, 0.0);
(556111.6, 4330586.0, 164.6, 598.4, 0.0); (557111.6, 4330586.0, 399.6, 588.7, 0.0);
(558111.6, 4330586.0, 341.5, 588.7, 0.0); (559111.6, 4330586.0, 171.4, 621.8, 0.0);
(560111.6, 4330586.0, 79.5, 674.8, 0.0); (561111.6, 4330586.0, 67.4, 662.3, 0.0);
(562111.6, 4330586.0, 62.9, 588.7, 0.0); (563111.6, 4330586.0, 58.2, 58.2, 0.0);
(564111.6, 4330586.0, 54.7, 54.7, 0.0); (565111.6, 4330586.0, 52.1, 52.1, 0.0);
(566111.6, 4330586.0, 47.2, 47.2, 0.0); (567111.6, 4330586.0, 43.8, 43.8, 0.0);
(568111.6, 4330586.0, 41.6, 41.6, 0.0); (569111.6, 4330586.0, 40.7, 40.7, 0.0);
(570111.6, 4330586.0, 37.5, 37.5, 0.0); (571111.6, 4330586.0, 37.7, 37.7, 0.0);
(572111.6, 4330586.0, 37.3, 37.3, 0.0); (573111.6, 4330586.0, 33.8, 33.8, 0.0);
(574111.6, 4330586.0, 30.7, 30.7, 0.0); (575111.6, 4330586.0, 29.5, 29.5, 0.0);
(576111.6, 4330586.0, 30.0, 30.0, 0.0); (577111.6, 4330586.0, 26.0, 26.0, 0.0);
(578111.6, 4330586.0, 24.3, 24.3, 0.0); (579111.6, 4330586.0, 22.1, 22.1, 0.0);
(580111.6, 4330586.0, 19.3, 19.3, 0.0); (581111.6, 4330586.0, 18.2, 18.2, 0.0);
(582111.6, 4330586.0, 16.0, 16.0, 0.0); (583111.6, 4330586.0, 13.9, 13.9, 0.0);

```
2919        ( 584111.6, 4330586.0,      12.9,      12.9,       0.0);         ( 542111.6,
            4331586.0,     717.7,    1038.0,       0.0);
2920        ( 543111.6, 4331586.0,     846.3,    1038.0,       0.0);         ( 544111.6,
            4331586.0,     849.1,    1038.0,       0.0);
2921        ( 545111.6, 4331586.0,     755.2,    1038.0,       0.0);         ( 546111.6,
            4331586.0,     623.0,    1093.3,       0.0);
2922        ( 547111.6, 4331586.0,     468.6,    1093.3,       0.0);         ( 548111.6,
            4331586.0,     429.6,    1093.3,       0.0);
2923        ( 549111.6, 4331586.0,     400.4,    1093.3,       0.0);         ( 550111.6,
            4331586.0,     420.0,     648.8,       0.0);
2924        ( 551111.6, 4331586.0,     484.0,     623.1,       0.0);         ( 552111.6,
            4331586.0,     329.7,     660.4,       0.0);
2925        ( 553111.6, 4331586.0,     200.6,     660.4,       0.0);         ( 554111.6,
            4331586.0,     210.6,     660.4,       0.0);
2926        ( 555111.6, 4331586.0,     291.2,     588.7,       0.0);         ( 556111.6,
            4331586.0,     151.4,     610.2,       0.0);
2927        ( 557111.6, 4331586.0,     279.3,     588.7,       0.0);         ( 558111.6,
            4331586.0,     287.1,     588.7,       0.0);
2928        ( 559111.6, 4331586.0,      98.8,     610.2,       0.0);         ( 560111.6,
            4331586.0,      75.8,     610.0,       0.0);
2929        ( 561111.6, 4331586.0,      64.6,     588.7,       0.0);         ( 562111.6,
            4331586.0,      58.4,     588.7,       0.0);
2930        ( 563111.6, 4331586.0,      54.0,      54.0,       0.0);         ( 564111.6,
            4331586.0,      50.8,      50.8,       0.0);
2931        ( 565111.6, 4331586.0,      47.6,      47.6,       0.0);         ( 566111.6,
            4331586.0,      44.9,      44.9,       0.0);
2932        ( 567111.6, 4331586.0,      40.7,      40.7,       0.0);         ( 568111.6,
            4331586.0,      38.0,      38.0,       0.0);
2933        ( 569111.6, 4331586.0,      36.1,      36.1,       0.0);         ( 570111.6,
            4331586.0,      34.8,      34.8,       0.0);
2934    FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
        DPM                          ***         11/14/24
2935     *** AERMET - VERSION  19191 ***   *** Met data: Oroville
         2015-2019                                          ***       11:46:05
2936
                                    PAGE  55
2937     *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
2938
2939                                                *** DISCRETE CARTESIAN RECEPTORS ***
2940                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
2941                                                           (METERS)
2942
2943        ( 571111.6, 4331586.0,      33.3,      33.3,       0.0);         ( 572111.6,
            4331586.0,      33.2,      33.2,       0.0);
2944        ( 573111.6, 4331586.0,      32.0,      32.0,       0.0);         ( 574111.6,
            4331586.0,      30.2,      30.2,       0.0);
2945        ( 575111.6, 4331586.0,      27.7,      27.7,       0.0);         ( 576111.6,
            4331586.0,      27.1,      27.1,       0.0);
2946        ( 577111.6, 4331586.0,      25.8,      25.8,       0.0);         ( 578111.6,
            4331586.0,      23.8,      23.8,       0.0);
2947        ( 579111.6, 4331586.0,      20.4,      20.4,       0.0);         ( 580111.6,
            4331586.0,      19.0,      19.0,       0.0);
2948        ( 581111.6, 4331586.0,      17.2,      17.2,       0.0);         ( 582111.6,
            4331586.0,      15.6,      15.6,       0.0);
2949        ( 583111.6, 4331586.0,      13.2,      13.2,       0.0);         ( 584111.6,
            4331586.0,      13.0,      13.0,       0.0);
2950        ( 542111.6, 4332586.0,     688.9,    1038.0,       0.0);         ( 543111.6,
            4332586.0,     988.8,    1038.0,       0.0);
2951        ( 544111.6, 4332586.0,     856.5,    1038.0,       0.0);         ( 545111.6,
            4332586.0,     734.6,    1038.0,       0.0);
2952        ( 546111.6, 4332586.0,     667.8,    1038.0,       0.0);         ( 547111.6,
            4332586.0,     426.2,    1093.3,       0.0);
2953        ( 548111.6, 4332586.0,     410.9,    1093.3,       0.0);         ( 549111.6,
            4332586.0,     405.6,    1090.7,       0.0);
2954        ( 550111.6, 4332586.0,     466.0,     660.4,       0.0);         ( 551111.6,
            4332586.0,     578.1,     623.1,       0.0);
```

```
2955        ( 552111.6, 4332586.0,     330.2,     660.4,       0.0);         ( 553111.6,
            4332586.0,     330.2,     660.4,       0.0);
2956        ( 554111.6, 4332586.0,     291.3,     588.6,       0.0);         ( 555111.6,
            4332586.0,     266.5,     576.7,       0.0);
2957        ( 556111.6, 4332586.0,     151.6,     630.6,       0.0);         ( 557111.6,
            4332586.0,     161.4,     630.6,       0.0);
2958        ( 558111.6, 4332586.0,     203.9,     618.4,       0.0);         ( 559111.6,
            4332586.0,     147.0,     618.4,       0.0);
2959        ( 560111.6, 4332586.0,      72.9,     618.4,       0.0);         ( 561111.6,
            4332586.0,      69.8,     610.2,       0.0);
2960        ( 562111.6, 4332586.0,      55.4,     588.7,       0.0);         ( 563111.6,
            4332586.0,      52.3,      52.3,       0.0);
2961        ( 564111.6, 4332586.0,      49.1,      49.1,       0.0);         ( 565111.6,
            4332586.0,      44.1,      44.1,       0.0);
2962        ( 566111.6, 4332586.0,      41.2,      41.2,       0.0);         ( 567111.6,
            4332586.0,      39.7,      39.7,       0.0);
2963        ( 568111.6, 4332586.0,      34.7,      34.7,       0.0);         ( 569111.6,
            4332586.0,      33.4,      33.4,       0.0);
2964        ( 570111.6, 4332586.0,      31.9,      31.9,       0.0);         ( 571111.6,
            4332586.0,      30.7,      30.7,       0.0);
2965        ( 572111.6, 4332586.0,      30.6,      30.6,       0.0);         ( 573111.6,
            4332586.0,      31.5,      31.5,       0.0);
2966        ( 574111.6, 4332586.0,      29.0,      29.0,       0.0);         ( 575111.6,
            4332586.0,      26.3,      26.3,       0.0);
2967        ( 576111.6, 4332586.0,      24.2,      24.2,       0.0);         ( 577111.6,
            4332586.0,      23.1,      23.1,       0.0);
2968        ( 578111.6, 4332586.0,      21.7,      21.7,       0.0);         ( 579111.6,
            4332586.0,      19.6,      19.6,       0.0);
2969        ( 580111.6, 4332586.0,      17.8,      17.8,       0.0);         ( 581111.6,
            4332586.0,      15.9,      15.9,       0.0);
2970        ( 582111.6, 4332586.0,      15.4,      15.4,       0.0);         ( 583111.6,
            4332586.0,      13.4,      13.4,       0.0);
2971        ( 584111.6, 4332586.0,      13.6,      13.6,       0.0);         ( 542111.6,
            4333586.0,     735.7,    1038.0,       0.0);
2972        ( 543111.6, 4333586.0,     833.9,    1038.0,       0.0);         ( 544111.6,
            4333586.0,     774.9,    1038.0,       0.0);
2973        ( 545111.6, 4333586.0,     734.1,    1038.0,       0.0);         ( 546111.6,
            4333586.0,     605.4,    1038.0,       0.0);
2974        ( 547111.6, 4333586.0,     421.9,    1093.3,       0.0);         ( 548111.6,
            4333586.0,     407.2,    1038.0,       0.0);
2975        ( 549111.6, 4333586.0,     406.6,    1038.0,       0.0);         ( 550111.6,
            4333586.0,     531.9,     660.4,       0.0);
2976        ( 551111.6, 4333586.0,     453.8,     660.4,       0.0);         ( 552111.6,
            4333586.0,     269.6,     660.4,       0.0);
2977        ( 553111.6, 4333586.0,     196.3,     660.4,       0.0);         ( 554111.6,
            4333586.0,     217.0,     660.4,       0.0);
2978        ( 555111.6, 4333586.0,     180.4,     660.4,       0.0);         ( 556111.6,
            4333586.0,     229.5,     634.0,       0.0);
2979        ( 557111.6, 4333586.0,     230.7,     634.0,       0.0);         ( 558111.6,
            4333586.0,     235.3,     630.6,       0.0);
2980        ( 559111.6, 4333586.0,     168.4,     630.6,       0.0);         ( 560111.6,
            4333586.0,      70.8,     634.0,       0.0);
2981        ( 561111.6, 4333586.0,      62.9,     630.6,       0.0);         ( 562111.6,
            4333586.0,      52.0,      52.0,       0.0);
2982        ( 563111.6, 4333586.0,      49.2,      49.2,       0.0);         ( 564111.6,
            4333586.0,      46.9,      46.9,       0.0);
2983        ( 565111.6, 4333586.0,      43.7,      43.7,       0.0);         ( 566111.6,
            4333586.0,      39.4,      39.4,       0.0);
2984        ( 567111.6, 4333586.0,      36.5,      36.5,       0.0);         ( 568111.6,
            4333586.0,      33.3,      33.3,       0.0);
2985        ( 569111.6, 4333586.0,      31.2,      31.2,       0.0);         ( 570111.6,
            4333586.0,      29.3,      29.3,       0.0);
2986        ( 571111.6, 4333586.0,      28.5,      28.5,       0.0);         ( 572111.6,
            4333586.0,      28.3,      28.3,       0.0);
2987        ( 573111.6, 4333586.0,      28.1,      28.1,       0.0);         ( 574111.6,
            4333586.0,      26.4,      26.4,       0.0);
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(575111.6, 4333586.0, 24.1, 24.1, 0.0); (576111.6, 4333586.0, 22.8, 22.8, 0.0);
(577111.6, 4333586.0, 21.0, 21.0, 0.0); (578111.6, 4333586.0, 19.3, 19.3, 0.0);
(579111.6, 4333586.0, 18.1, 18.1, 0.0); (580111.6, 4333586.0, 16.6, 16.6, 0.0);
(581111.6, 4333586.0, 14.9, 14.9, 0.0); (582111.6, 4333586.0, 13.9, 13.9, 0.0);
(583111.6, 4333586.0, 13.5, 13.5, 0.0); (584111.6, 4333586.0, 13.4, 13.4, 0.0);
(542111.6, 4334586.0, 648.3, 1038.0, 0.0); (543111.6, 4334586.0, 700.2, 1038.0, 0.0);
(544111.6, 4334586.0, 654.9, 1038.0, 0.0); (545111.6, 4334586.0, 651.7, 1038.0, 0.0);
(546111.6, 4334586.0, 453.9, 1038.0, 0.0); (547111.6, 4334586.0, 415.9, 1038.0, 0.0);
(548111.6, 4334586.0, 410.0, 1038.0, 0.0); (549111.6, 4334586.0, 409.5, 1038.0, 0.0);
(550111.6, 4334586.0, 557.3, 660.4, 0.0); (551111.6, 4334586.0, 448.6, 660.4, 0.0);
(552111.6, 4334586.0, 295.2, 660.4, 0.0); (553111.6, 4334586.0, 357.7, 660.4, 0.0);
(554111.6, 4334586.0, 272.5, 660.4, 0.0); (555111.6, 4334586.0, 203.4, 634.0, 0.0);
(556111.6, 4334586.0, 295.7, 634.0, 0.0); (557111.6, 4334586.0, 513.8, 576.7, 0.0);
(558111.6, 4334586.0, 251.3, 634.0, 0.0); (559111.6, 4334586.0, 98.8, 634.0, 0.0);
(560111.6, 4334586.0, 68.7, 634.0, 0.0); (561111.6, 4334586.0, 60.8, 634.0, 0.0);
(562111.6, 4334586.0, 47.9, 610.2, 0.0); (563111.6, 4334586.0, 46.9, 46.9, 0.0);
(564111.6, 4334586.0, 46.1, 46.1, 0.0); (565111.6, 4334586.0, 43.3, 43.3, 0.0);
(566111.6, 4334586.0, 39.9, 39.9, 0.0); (567111.6, 4334586.0, 37.1, 37.1, 0.0);
(568111.6, 4334586.0, 33.5, 33.5, 0.0); (569111.6, 4334586.0, 31.7, 31.7, 0.0);
(570111.6, 4334586.0, 29.1, 29.1, 0.0); (571111.6, 4334586.0, 26.8, 26.8, 0.0);
(572111.6, 4334586.0, 25.9, 25.9, 0.0); (573111.6, 4334586.0, 25.3, 25.3, 0.0);
(574111.6, 4334586.0, 25.1, 25.1, 0.0); (575111.6, 4334586.0, 22.0, 22.0, 0.0);
(576111.6, 4334586.0, 22.0, 22.0, 0.0); (577111.6, 4334586.0, 20.0, 20.0, 0.0);
(578111.6, 4334586.0, 18.1, 18.1, 0.0); (579111.6, 4334586.0, 16.9, 16.9, 0.0);
(580111.6, 4334586.0, 15.8, 15.8, 0.0); (581111.6, 4334586.0, 14.8, 14.8, 0.0);
(582111.6, 4334586.0, 14.2, 14.2, 0.0); (583111.6, 4334586.0, 13.8, 13.8, 0.0);
(584111.6, 4334586.0, 13.4, 13.4, 0.0); (542111.6, 4335586.0, 533.3, 1038.0, 0.0);

```
3024        ( 543111.6, 4335586.0,     619.8,    1038.0,       0.0);         ( 544111.6,
            4335586.0,     693.1,    1038.0,       0.0);
3025        ( 545111.6, 4335586.0,     733.9,     745.3,       0.0);         ( 546111.6,
            4335586.0,     495.8,    1038.0,       0.0);
3026        ( 547111.6, 4335586.0,     414.4,    1038.0,       0.0);         ( 548111.6,
            4335586.0,     412.3,    1038.0,       0.0);
3027        ( 549111.6, 4335586.0,     414.2,     660.4,       0.0);         ( 550111.6,
            4335586.0,     538.5,     575.4,       0.0);
3028        ( 551111.6, 4335586.0,     459.2,     660.4,       0.0);         ( 552111.6,
            4335586.0,     329.4,     660.4,       0.0);
3029        ( 553111.6, 4335586.0,     281.4,     660.4,       0.0);         ( 554111.6,
            4335586.0,     377.8,     436.0,       0.0);
3030        ( 555111.6, 4335586.0,     199.8,     634.0,       0.0);         ( 556111.6,
            4335586.0,     334.8,     634.0,       0.0);
3031        ( 557111.6, 4335586.0,     491.3,     618.4,       0.0);         ( 558111.6,
            4335586.0,     206.3,     634.0,       0.0);
3032        ( 559111.6, 4335586.0,      91.7,     634.0,       0.0);         ( 560111.6,
            4335586.0,      66.3,     634.0,       0.0);
3033        ( 561111.6, 4335586.0,      63.5,     634.0,       0.0);         ( 562111.6,
            4335586.0,      48.4,     630.6,       0.0);
3034        ( 563111.6, 4335586.0,      43.6,      43.6,       0.0);         ( 564111.6,
            4335586.0,      42.9,      42.9,       0.0);
3035        ( 565111.6, 4335586.0,      40.1,      40.1,       0.0);         ( 566111.6,
            4335586.0,      37.8,      37.8,       0.0);
3036        ( 567111.6, 4335586.0,      36.3,      36.3,       0.0);         ( 568111.6,
            4335586.0,      34.1,      34.1,       0.0);
3037        ( 569111.6, 4335586.0,      30.7,      30.7,       0.0);         ( 570111.6,
            4335586.0,      28.6,      28.6,       0.0);
3038        ( 571111.6, 4335586.0,      25.9,      25.9,       0.0);         ( 572111.6,
            4335586.0,      24.4,      24.4,       0.0);
3039        ( 573111.6, 4335586.0,      24.8,      24.8,       0.0);         ( 574111.6,
            4335586.0,      22.0,      22.0,       0.0);
3040        ( 575111.6, 4335586.0,      20.7,      20.7,       0.0);         ( 576111.6,
            4335586.0,      20.2,      20.2,       0.0);
3041        ( 577111.6, 4335586.0,      19.2,      19.2,       0.0);         ( 578111.6,
            4335586.0,      17.9,      17.9,       0.0);
3042    FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
        DPM                          ***         11/14/24
3043     *** AERMET - VERSION  19191 ***   *** Met data: Oroville
         2015-2019                                          ***        11:46:05
3044
                                    PAGE  57
3045    *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
3046
3047                                                *** DISCRETE CARTESIAN RECEPTORS ***
3048                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
3049                                                           (METERS)
3050
3051        ( 579111.6, 4335586.0,      16.9,      16.9,       0.0);         ( 580111.6,
            4335586.0,      15.6,      15.6,       0.0);
3052        ( 581111.6, 4335586.0,      14.8,      14.8,       0.0);         ( 582111.6,
            4335586.0,      14.0,      14.0,       0.0);
3053        ( 583111.6, 4335586.0,      14.0,      14.0,       0.0);         ( 584111.6,
            4335586.0,      13.8,      13.8,       0.0);
3054        ( 542111.6, 4336586.0,     589.9,    1038.0,       0.0);         ( 543111.6,
            4336586.0,     577.4,    1038.0,       0.0);
3055        ( 544111.6, 4336586.0,     683.2,     723.7,       0.0);         ( 545111.6,
            4336586.0,     722.5,     736.7,       0.0);
3056        ( 546111.6, 4336586.0,     470.5,    1038.0,       0.0);         ( 547111.6,
            4336586.0,     416.7,    1038.0,       0.0);
3057        ( 548111.6, 4336586.0,     575.5,     593.8,       0.0);         ( 549111.6,
            4336586.0,     419.5,     663.8,       0.0);
3058        ( 550111.6, 4336586.0,     537.6,     624.0,       0.0);         ( 551111.6,
            4336586.0,     556.3,     624.0,       0.0);
3059        ( 552111.6, 4336586.0,     272.6,     660.4,       0.0);         ( 553111.6,
            4336586.0,     213.4,     660.4,       0.0);
```

```
3060        ( 554111.6, 4336586.0,     217.5,     634.0,       0.0);         ( 555111.6,
            4336586.0,     227.1,     634.0,       0.0);
3061        ( 556111.6, 4336586.0,     366.6,     634.0,       0.0);         ( 557111.6,
            4336586.0,     450.5,     634.0,       0.0);
3062        ( 558111.6, 4336586.0,     220.0,     634.0,       0.0);         ( 559111.6,
            4336586.0,     119.1,     634.0,       0.0);
3063        ( 560111.6, 4336586.0,      72.0,     634.0,       0.0);         ( 561111.6,
            4336586.0,      53.2,     634.0,       0.0);
3064        ( 562111.6, 4336586.0,      46.5,     634.0,       0.0);         ( 563111.6,
            4336586.0,      42.3,      42.3,       0.0);
3065        ( 564111.6, 4336586.0,      39.6,      39.6,       0.0);         ( 565111.6,
            4336586.0,      37.6,      37.6,       0.0);
3066        ( 566111.6, 4336586.0,      36.5,      36.5,       0.0);         ( 567111.6,
            4336586.0,      34.8,      34.8,       0.0);
3067        ( 568111.6, 4336586.0,      31.7,      31.7,       0.0);         ( 569111.6,
            4336586.0,      30.3,      30.3,       0.0);
3068        ( 570111.6, 4336586.0,      27.6,      27.6,       0.0);         ( 571111.6,
            4336586.0,      25.3,      25.3,       0.0);
3069        ( 572111.6, 4336586.0,      23.5,      23.5,       0.0);         ( 573111.6,
            4336586.0,      22.4,      22.4,       0.0);
3070        ( 574111.6, 4336586.0,      21.9,      21.9,       0.0);         ( 575111.6,
            4336586.0,      21.1,      21.1,       0.0);
3071        ( 576111.6, 4336586.0,      19.5,      19.5,       0.0);         ( 577111.6,
            4336586.0,      18.2,      18.2,       0.0);
3072        ( 578111.6, 4336586.0,      17.9,      17.9,       0.0);         ( 579111.6,
            4336586.0,      16.3,      16.3,       0.0);
3073        ( 580111.6, 4336586.0,      15.6,      15.6,       0.0);         ( 581111.6,
            4336586.0,      14.9,      14.9,       0.0);
3074        ( 582111.6, 4336586.0,      14.4,      14.4,       0.0);         ( 583111.6,
            4336586.0,      14.0,      14.0,       0.0);
3075        ( 584111.6, 4336586.0,      14.0,      14.0,       0.0);         ( 542111.6,
            4337586.0,     655.9,     672.7,       0.0);
3076        ( 543111.6, 4337586.0,     656.4,     715.2,       0.0);         ( 544111.6,
            4337586.0,     628.0,     722.1,       0.0);
3077        ( 545111.6, 4337586.0,     590.1,     736.7,       0.0);         ( 546111.6,
            4337586.0,     426.4,    1038.0,       0.0);
3078        ( 547111.6, 4337586.0,     421.0,     745.8,       0.0);         ( 548111.6,
            4337586.0,     604.0,     659.0,       0.0);
3079        ( 549111.6, 4337586.0,     427.8,     663.8,       0.0);         ( 550111.6,
            4337586.0,     445.8,     659.0,       0.0);
3080        ( 551111.6, 4337586.0,     482.1,     624.0,       0.0);         ( 552111.6,
            4337586.0,     320.2,     655.8,       0.0);
3081        ( 553111.6, 4337586.0,     253.8,     668.6,       0.0);         ( 554111.6,
            4337586.0,     331.1,     634.0,       0.0);
3082        ( 555111.6, 4337586.0,     244.6,     634.0,       0.0);         ( 556111.6,
            4337586.0,     409.7,     634.0,       0.0);
3083        ( 557111.6, 4337586.0,     410.4,     634.0,       0.0);         ( 558111.6,
            4337586.0,     168.1,     634.0,       0.0);
3084        ( 559111.6, 4337586.0,      86.1,     634.0,       0.0);         ( 560111.6,
            4337586.0,      69.9,     634.0,       0.0);
3085        ( 561111.6, 4337586.0,      59.7,     634.0,       0.0);         ( 562111.6,
            4337586.0,      43.6,     634.0,       0.0);
3086        ( 563111.6, 4337586.0,      40.5,      40.5,       0.0);         ( 564111.6,
            4337586.0,      38.1,      38.1,       0.0);
3087        ( 565111.6, 4337586.0,      36.6,      36.6,       0.0);         ( 566111.6,
            4337586.0,      33.9,      33.9,       0.0);
3088        ( 567111.6, 4337586.0,      33.4,      33.4,       0.0);         ( 568111.6,
            4337586.0,      32.0,      32.0,       0.0);
3089        ( 569111.6, 4337586.0,      29.8,      30.6,       0.0);         ( 570111.6,
            4337586.0,      26.4,      26.4,       0.0);
3090        ( 571111.6, 4337586.0,      24.7,      24.7,       0.0);         ( 572111.6,
            4337586.0,      23.7,      23.7,       0.0);
3091        ( 573111.6, 4337586.0,      21.7,      21.7,       0.0);         ( 574111.6,
            4337586.0,      20.8,      20.8,       0.0);
3092        ( 575111.6, 4337586.0,      19.8,      19.8,       0.0);         ( 576111.6,
            4337586.0,      19.0,      19.0,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(577111.6, 4337586.0, 17.8, 17.8, 0.0); (578111.6, 4337586.0, 16.8, 16.8, 0.0);
(579111.6, 4337586.0, 15.8, 15.8, 0.0); (580111.6, 4337586.0, 15.1, 15.1, 0.0);
(581111.6, 4337586.0, 14.9, 14.9, 0.0); (582111.6, 4337586.0, 14.2, 14.2, 0.0);
(583111.6, 4337586.0, 14.0, 14.0, 0.0); (584111.6, 4337586.0, 14.2, 14.2, 0.0);
(542111.6, 4338586.0, 718.6, 757.3, 0.0); (543111.6, 4338586.0, 686.9, 702.4, 0.0);
(544111.6, 4338586.0, 481.3, 811.0, 0.0); (545111.6, 4338586.0, 445.1, 811.0, 0.0);
(546111.6, 4338586.0, 423.6, 745.8, 0.0); (547111.6, 4338586.0, 478.7, 663.8, 0.0);
(548111.6, 4338586.0, 521.2, 663.8, 0.0); (549111.6, 4338586.0, 489.5, 663.8, 0.0);
(550111.6, 4338586.0, 455.8, 668.6, 0.0); (551111.6, 4338586.0, 454.1, 655.8, 0.0);
(552111.6, 4338586.0, 264.0, 692.9, 0.0); (553111.6, 4338586.0, 298.7, 668.6, 0.0);
(554111.6, 4338586.0, 310.7, 634.0, 0.0); (555111.6, 4338586.0, 217.4, 634.0, 0.0);
(556111.6, 4338586.0, 375.3, 634.0, 0.0); (557111.6, 4338586.0, 362.4, 634.0, 0.0);
(558111.6, 4338586.0, 173.7, 634.0, 0.0); (559111.6, 4338586.0, 78.0, 634.0, 0.0);
(560111.6, 4338586.0, 67.8, 634.0, 0.0); (561111.6, 4338586.0, 51.2, 634.0, 0.0);
(562111.6, 4338586.0, 41.5, 634.0, 0.0); (563111.6, 4338586.0, 39.5, 39.5, 0.0);
(564111.6, 4338586.0, 37.0, 37.0, 0.0); (565111.6, 4338586.0, 34.2, 34.2, 0.0);
(566111.6, 4338586.0, 32.0, 32.0, 0.0); (567111.6, 4338586.0, 30.6, 30.6, 0.0);
(568111.6, 4338586.0, 29.4, 29.4, 0.0); (569111.6, 4338586.0, 28.2, 28.2, 0.0);
(570111.6, 4338586.0, 25.5, 25.5, 0.0); (571111.6, 4338586.0, 24.1, 24.1, 0.0);
(572111.6, 4338586.0, 22.5, 22.5, 0.0); (573111.6, 4338586.0, 21.4, 21.4, 0.0);
(574111.6, 4338586.0, 20.3, 20.3, 0.0); (575111.6, 4338586.0, 19.0, 19.0, 0.0);
(576111.6, 4338586.0, 18.4, 18.4, 0.0); (577111.6, 4338586.0, 17.5, 17.5, 0.0);
(578111.6, 4338586.0, 16.4, 16.4, 0.0); (579111.6, 4338586.0, 15.6, 15.6, 0.0);
(580111.6, 4338586.0, 14.9, 14.9, 0.0); (581111.6, 4338586.0, 14.9, 14.9, 0.0);
(582111.6, 4338586.0, 14.9, 14.9, 0.0); (583111.6, 4338586.0, 14.5, 14.5, 0.0);
(584111.6, 4338586.0, 14.9, 14.9, 0.0); (542111.6, 4339586.0, 711.5, 811.0, 0.0);
(543111.6, 4339586.0, 580.9, 811.0, 0.0); (544111.6, 4339586.0, 549.5, 811.0, 0.0);

```
3129        ( 545111.6, 4339586.0,     635.4,     658.7,       0.0);         ( 546111.6,
            4339586.0,     426.8,     717.5,       0.0);
3130        ( 547111.6, 4339586.0,     463.1,     663.8,       0.0);         ( 548111.6,
            4339586.0,     504.5,     668.0,       0.0);
3131        ( 549111.6, 4339586.0,     516.9,     668.6,       0.0);         ( 550111.6,
            4339586.0,     492.1,     668.6,       0.0);
3132        ( 551111.6, 4339586.0,     449.6,     668.6,       0.0);         ( 552111.6,
            4339586.0,     287.2,     723.8,       0.0);
3133        ( 553111.6, 4339586.0,     343.2,     668.6,       0.0);         ( 554111.6,
            4339586.0,     260.8,     691.1,       0.0);
3134        ( 555111.6, 4339586.0,     222.9,     634.0,       0.0);         ( 556111.6,
            4339586.0,     317.1,     634.0,       0.0);
3135        ( 557111.6, 4339586.0,     327.0,     634.0,       0.0);         ( 558111.6,
            4339586.0,     169.3,     634.0,       0.0);
3136        ( 559111.6, 4339586.0,      69.6,     634.0,       0.0);         ( 560111.6,
            4339586.0,      55.9,     634.0,       0.0);
3137        ( 561111.6, 4339586.0,      47.4,     634.0,       0.0);         ( 562111.6,
            4339586.0,      42.8,      42.8,       0.0);
3138        ( 563111.6, 4339586.0,      39.7,      39.7,       0.0);         ( 564111.6,
            4339586.0,      36.9,      36.9,       0.0);
3139        ( 565111.6, 4339586.0,      34.2,      34.2,       0.0);         ( 566111.6,
            4339586.0,      30.9,      30.9,       0.0);
3140        ( 567111.6, 4339586.0,      28.6,      28.6,       0.0);         ( 568111.6,
            4339586.0,      27.5,      27.5,       0.0);
3141        ( 569111.6, 4339586.0,      26.3,      26.3,       0.0);         ( 570111.6,
            4339586.0,      24.3,      24.3,       0.0);
3142        ( 571111.6, 4339586.0,      24.1,      24.1,       0.0);         ( 572111.6,
            4339586.0,      22.1,      22.1,       0.0);
3143        ( 573111.6, 4339586.0,      21.1,      21.1,       0.0);         ( 574111.6,
            4339586.0,      20.0,      20.0,       0.0);
3144        ( 575111.6, 4339586.0,      19.2,      19.2,       0.0);         ( 576111.6,
            4339586.0,      18.0,      18.0,       0.0);
3145        ( 577111.6, 4339586.0,      17.0,      17.0,       0.0);         ( 578111.6,
            4339586.0,      16.0,      16.0,       0.0);
3146        ( 579111.6, 4339586.0,      15.6,      15.6,       0.0);         ( 580111.6,
            4339586.0,      16.0,      16.0,       0.0);
3147        ( 581111.6, 4339586.0,      14.6,      14.6,       0.0);         ( 582111.6,
            4339586.0,      14.5,      14.5,       0.0);
3148        ( 583111.6, 4339586.0,      15.4,      15.4,       0.0);         ( 584111.6,
            4339586.0,      15.1,      15.1,       0.0);
3149        ( 542111.6, 4340586.0,     708.5,     811.0,       0.0);         ( 543111.6,
            4340586.0,     543.3,     811.0,       0.0);
3150    FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
        DPM                         ***        11/14/24
3151     *** AERMET - VERSION  19191 ***   *** Met data: Oroville
         2015-2019                                          ***       11:46:05
3152
                                    PAGE  59
3153     *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
3154
3155                                              *** DISCRETE CARTESIAN RECEPTORS ***
3156                                             (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
3157                                                          (METERS)
3158
3159        ( 544111.6, 4340586.0,     639.4,     655.0,       0.0);         ( 545111.6,
            4340586.0,     480.0,     671.9,       0.0);
3160        ( 546111.6, 4340586.0,     446.9,     663.5,       0.0);         ( 547111.6,
            4340586.0,     442.2,     668.0,       0.0);
3161        ( 548111.6, 4340586.0,     526.7,     668.0,       0.0);         ( 549111.6,
            4340586.0,     596.2,     668.0,       0.0);
3162        ( 550111.6, 4340586.0,     610.2,     668.6,       0.0);         ( 551111.6,
            4340586.0,     431.8,     723.8,       0.0);
3163        ( 552111.6, 4340586.0,     375.7,     723.8,       0.0);         ( 553111.6,
            4340586.0,     409.6,     526.9,       0.0);
3164        ( 554111.6, 4340586.0,     221.6,     723.8,       0.0);         ( 555111.6,
            4340586.0,     181.3,     692.9,       0.0);
```

```
3165        ( 556111.6, 4340586.0,     317.0,     634.0,       0.0);         ( 557111.6,
            4340586.0,     333.1,     598.5,       0.0);
3166        ( 558111.6, 4340586.0,     118.5,     634.0,       0.0);         ( 559111.6,
            4340586.0,      82.5,     634.0,       0.0);
3167        ( 560111.6, 4340586.0,      57.7,     634.0,       0.0);         ( 561111.6,
            4340586.0,      47.4,     634.0,       0.0);
3168        ( 562111.6, 4340586.0,      41.3,      41.3,       0.0);         ( 563111.6,
            4340586.0,      39.0,      39.0,       0.0);
3169        ( 564111.6, 4340586.0,      36.5,      36.5,       0.0);         ( 565111.6,
            4340586.0,      34.1,      34.1,       0.0);
3170        ( 566111.6, 4340586.0,      31.7,      31.7,       0.0);         ( 567111.6,
            4340586.0,      29.2,      29.2,       0.0);
3171        ( 568111.6, 4340586.0,      27.2,      27.2,       0.0);         ( 569111.6,
            4340586.0,      25.1,      25.1,       0.0);
3172        ( 570111.6, 4340586.0,      23.6,      23.6,       0.0);         ( 571111.6,
            4340586.0,      22.3,      22.3,       0.0);
3173        ( 572111.6, 4340586.0,      21.3,      21.3,       0.0);         ( 573111.6,
            4340586.0,      20.5,      20.5,       0.0);
3174        ( 574111.6, 4340586.0,      19.3,      19.3,       0.0);         ( 575111.6,
            4340586.0,      18.4,      18.4,       0.0);
3175        ( 576111.6, 4340586.0,      17.2,      17.2,       0.0);         ( 577111.6,
            4340586.0,      16.4,      16.4,       0.0);
3176        ( 578111.6, 4340586.0,      15.7,      15.7,       0.0);         ( 579111.6,
            4340586.0,      16.0,      16.0,       0.0);
3177        ( 580111.6, 4340586.0,      15.4,      15.4,       0.0);         ( 581111.6,
            4340586.0,      14.8,      14.8,       0.0);
3178        ( 582111.6, 4340586.0,      15.2,      15.2,       0.0);         ( 583111.6,
            4340586.0,      15.9,      15.9,       0.0);
3179        ( 584111.6, 4340586.0,      15.9,      15.9,       0.0);         ( 542111.6,
            4341586.0,     597.9,     811.0,       0.0);
3180        ( 543111.6, 4341586.0,     543.5,     811.0,       0.0);         ( 544111.6,
            4341586.0,     574.9,     645.3,       0.0);
3181        ( 545111.6, 4341586.0,     443.2,     811.0,       0.0);         ( 546111.6,
            4341586.0,     490.5,     556.2,       0.0);
3182        ( 547111.6, 4341586.0,     452.3,     659.3,       0.0);         ( 548111.6,
            4341586.0,     444.8,     692.9,       0.0);
3183        ( 549111.6, 4341586.0,     591.8,     659.3,       0.0);         ( 550111.6,
            4341586.0,     623.8,     692.9,       0.0);
3184        ( 551111.6, 4341586.0,     529.0,     723.3,       0.0);         ( 552111.6,
            4341586.0,     274.5,     743.9,       0.0);
3185        ( 553111.6, 4341586.0,     270.3,     723.8,       0.0);         ( 554111.6,
            4341586.0,     189.5,     723.8,       0.0);
3186        ( 555111.6, 4341586.0,     200.6,     723.8,       0.0);         ( 556111.6,
            4341586.0,     284.9,     578.2,       0.0);
3187        ( 557111.6, 4341586.0,     249.3,     592.2,       0.0);         ( 558111.6,
            4341586.0,     169.8,     634.0,       0.0);
3188        ( 559111.6, 4341586.0,     146.8,     634.0,       0.0);         ( 560111.6,
            4341586.0,      65.1,     634.0,       0.0);
3189        ( 561111.6, 4341586.0,      49.4,     578.2,       0.0);         ( 562111.6,
            4341586.0,      41.7,      41.7,       0.0);
3190        ( 563111.6, 4341586.0,      40.0,      40.0,       0.0);         ( 564111.6,
            4341586.0,      36.4,      36.4,       0.0);
3191        ( 565111.6, 4341586.0,      34.0,      34.0,       0.0);         ( 566111.6,
            4341586.0,      31.8,      31.8,       0.0);
3192        ( 567111.6, 4341586.0,      29.5,      29.5,       0.0);         ( 568111.6,
            4341586.0,      27.5,      27.5,       0.0);
3193        ( 569111.6, 4341586.0,      25.5,      25.5,       0.0);         ( 570111.6,
            4341586.0,      24.9,      24.9,       0.0);
3194        ( 571111.6, 4341586.0,      20.4,      20.4,       0.0);         ( 572111.6,
            4341586.0,      21.2,      21.2,       0.0);
3195        ( 573111.6, 4341586.0,      19.8,      19.8,       0.0);         ( 574111.6,
            4341586.0,      18.6,      18.6,       0.0);
3196        ( 575111.6, 4341586.0,      17.5,      17.5,       0.0);         ( 576111.6,
            4341586.0,      16.8,      16.8,       0.0);
3197        ( 577111.6, 4341586.0,      16.3,      16.3,       0.0);         ( 578111.6,
            4341586.0,      15.7,      15.7,       0.0);
```

```
3198        ( 579111.6, 4341586.0,      15.4,      15.4,       0.0);         ( 580111.6,
            4341586.0,      15.3,      15.3,       0.0);
3199        ( 581111.6, 4341586.0,      15.1,      15.1,       0.0);         ( 582111.6,
            4341586.0,      15.2,      15.2,       0.0);
3200        ( 583111.6, 4341586.0,      16.1,      16.1,       0.0);         ( 584111.6,
            4341586.0,      16.7,      16.7,       0.0);
3201        ( 542111.6, 4342586.0,     622.5,    1029.6,       0.0);         ( 543111.6,
            4342586.0,     588.1,     589.2,       0.0);
3202        ( 544111.6, 4342586.0,     550.0,     673.8,       0.0);         ( 545111.6,
            4342586.0,     490.5,     645.3,       0.0);
3203        ( 546111.6, 4342586.0,     422.0,     643.6,       0.0);         ( 547111.6,
            4342586.0,     440.2,     673.0,       0.0);
3204    FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
        DPM                          ***        11/14/24
3205     *** AERMET - VERSION  19191 ***   *** Met data: Oroville
         2015-2019                                          ***        11:46:05
3206
                                    PAGE  60
3207    *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
3208
3209                                                  *** DISCRETE CARTESIAN RECEPTORS ***
3210                                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
3211                                                          (METERS)
3212
3213        ( 548111.6, 4342586.0,     514.2,     673.0,       0.0);         ( 549111.6,
            4342586.0,     563.3,     723.8,       0.0);
3214        ( 550111.6, 4342586.0,     563.5,     723.8,       0.0);         ( 551111.6,
            4342586.0,     477.4,     723.8,       0.0);
3215        ( 552111.6, 4342586.0,     295.4,     743.9,       0.0);         ( 553111.6,
            4342586.0,     229.6,     743.9,       0.0);
3216        ( 554111.6, 4342586.0,     293.4,     723.8,       0.0);         ( 555111.6,
            4342586.0,     187.9,     723.8,       0.0);
3217        ( 556111.6, 4342586.0,     227.0,     527.5,       0.0);         ( 557111.6,
            4342586.0,     284.0,     527.5,       0.0);
3218        ( 558111.6, 4342586.0,     186.2,     566.3,       0.0);         ( 559111.6,
            4342586.0,     152.5,     527.5,       0.0);
3219        ( 560111.6, 4342586.0,      63.5,     578.2,       0.0);         ( 561111.6,
            4342586.0,      53.7,      53.7,       0.0);
3220        ( 562111.6, 4342586.0,      45.0,      45.0,       0.0);         ( 563111.6,
            4342586.0,      40.9,      40.9,       0.0);
3221        ( 564111.6, 4342586.0,      37.6,      37.6,       0.0);         ( 565111.6,
            4342586.0,      34.8,      34.8,       0.0);
3222        ( 566111.6, 4342586.0,      32.6,      32.6,       0.0);         ( 567111.6,
            4342586.0,      29.9,      29.9,       0.0);
3223        ( 568111.6, 4342586.0,      28.6,      28.6,       0.0);         ( 569111.6,
            4342586.0,      25.9,      25.9,       0.0);
3224        ( 570111.6, 4342586.0,      24.6,      24.6,       0.0);         ( 571111.6,
            4342586.0,      22.4,      22.4,       0.0);
3225        ( 572111.6, 4342586.0,      20.6,      20.6,       0.0);         ( 573111.6,
            4342586.0,      19.4,      19.4,       0.0);
3226        ( 574111.6, 4342586.0,      17.7,      17.7,       0.0);         ( 575111.6,
            4342586.0,      17.1,      17.1,       0.0);
3227        ( 576111.6, 4342586.0,      16.5,      16.5,       0.0);         ( 577111.6,
            4342586.0,      16.9,      16.9,       0.0);
3228        ( 578111.6, 4342586.0,      16.6,      16.6,       0.0);         ( 579111.6,
            4342586.0,      15.3,      15.3,       0.0);
3229        ( 580111.6, 4342586.0,      15.1,      15.1,       0.0);         ( 581111.6,
            4342586.0,      15.9,      15.9,       0.0);
3230        ( 582111.6, 4342586.0,      15.5,      15.5,       0.0);         ( 583111.6,
            4342586.0,      16.3,      16.3,       0.0);
3231        ( 584111.6, 4342586.0,      17.1,      17.1,       0.0);         ( 542111.6,
            4343586.0,     598.8,    1040.8,       0.0);
3232        ( 543111.6, 4343586.0,     602.5,     673.8,       0.0);         ( 544111.6,
            4343586.0,     508.5,     673.8,       0.0);
3233        ( 545111.6, 4343586.0,     444.4,     673.8,       0.0);         ( 546111.6,
            4343586.0,     407.4,     695.6,       0.0);
```

```
3234        ( 547111.6, 4343586.0,     427.7,     695.6,       0.0);         ( 548111.6,
            4343586.0,     588.4,     673.0,       0.0);
3235        ( 549111.6, 4343586.0,     502.8,     743.9,       0.0);         ( 550111.6,
            4343586.0,     602.9,     723.8,       0.0);
3236        ( 551111.6, 4343586.0,     495.9,     743.9,       0.0);         ( 552111.6,
            4343586.0,     314.7,     743.9,       0.0);
3237        ( 553111.6, 4343586.0,     303.1,     743.9,       0.0);         ( 554111.6,
            4343586.0,     242.7,     743.9,       0.0);
3238        ( 555111.6, 4343586.0,     152.3,     743.9,       0.0);         ( 556111.6,
            4343586.0,     239.8,     527.5,       0.0);
3239        ( 557111.6, 4343586.0,     303.0,     464.9,       0.0);         ( 558111.6,
            4343586.0,     130.8,     527.5,       0.0);
3240        ( 559111.6, 4343586.0,      73.5,     527.5,       0.0);         ( 560111.6,
            4343586.0,      64.8,     527.5,       0.0);
3241        ( 561111.6, 4343586.0,      50.7,      50.7,       0.0);         ( 562111.6,
            4343586.0,      45.5,      45.5,       0.0);
3242        ( 563111.6, 4343586.0,      41.7,      41.7,       0.0);         ( 564111.6,
            4343586.0,      38.6,      38.6,       0.0);
3243        ( 565111.6, 4343586.0,      35.4,      35.4,       0.0);         ( 566111.6,
            4343586.0,      33.6,      33.6,       0.0);
3244        ( 567111.6, 4343586.0,      31.1,      31.1,       0.0);         ( 568111.6,
            4343586.0,      29.4,      29.4,       0.0);
3245        ( 569111.6, 4343586.0,      26.7,      26.7,       0.0);         ( 570111.6,
            4343586.0,      23.7,      23.7,       0.0);
3246        ( 571111.6, 4343586.0,      22.3,      22.3,       0.0);         ( 572111.6,
            4343586.0,      20.7,      20.7,       0.0);
3247        ( 573111.6, 4343586.0,      19.3,      19.3,       0.0);         ( 574111.6,
            4343586.0,      18.5,      18.5,       0.0);
3248        ( 575111.6, 4343586.0,      17.1,      17.1,       0.0);         ( 576111.6,
            4343586.0,      16.5,      16.5,       0.0);
3249        ( 577111.6, 4343586.0,      16.3,      16.3,       0.0);         ( 578111.6,
            4343586.0,      16.0,      16.0,       0.0);
3250        ( 579111.6, 4343586.0,      16.1,      16.1,       0.0);         ( 580111.6,
            4343586.0,      15.4,      15.4,       0.0);
3251        ( 581111.6, 4343586.0,      15.7,      15.7,       0.0);         ( 582111.6,
            4343586.0,      15.6,      15.6,       0.0);
3252        ( 583111.6, 4343586.0,      16.1,      16.1,       0.0);         ( 584111.6,
            4343586.0,      17.1,      17.1,       0.0);
3253        ( 542111.6, 4344586.0,     602.9,    1040.8,       0.0);         ( 543111.6,
            4344586.0,     447.8,    1105.6,       0.0);
3254        ( 544111.6, 4344586.0,     503.7,     673.8,       0.0);         ( 545111.6,
            4344586.0,     404.9,     695.6,       0.0);
3255        ( 546111.6, 4344586.0,     404.4,     695.6,       0.0);         ( 547111.6,
            4344586.0,     448.1,     743.9,       0.0);
3256        ( 548111.6, 4344586.0,     611.3,     678.4,       0.0);         ( 549111.6,
            4344586.0,     527.8,     743.9,       0.0);
3257        ( 550111.6, 4344586.0,     633.3,     743.9,       0.0);         ( 551111.6,
            4344586.0,     467.9,     743.9,       0.0);
3258    FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
        DPM                        ***       11/14/24
3259     *** AERMET - VERSION  19191 ***   *** Met data: Oroville
        2015-2019                                          ***       11:46:05
3260
                                  PAGE  61
3261     *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
3262
3263                                            *** DISCRETE CARTESIAN RECEPTORS ***
3264                                          (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
3265                                                       (METERS)
3266
3267        ( 552111.6, 4344586.0,     427.3,     743.9,       0.0);         ( 553111.6,
            4344586.0,     456.4,     468.3,       0.0);
3268        ( 554111.6, 4344586.0,     219.3,     743.9,       0.0);         ( 555111.6,
            4344586.0,     135.0,     743.9,       0.0);
3269        ( 556111.6, 4344586.0,     258.1,     464.9,       0.0);         ( 557111.6,
            4344586.0,     290.0,     464.9,       0.0);
```

```
3270        ( 558111.6, 4344586.0,      96.8,     527.5,       0.0);         ( 559111.6,
            4344586.0,      76.2,     464.9,       0.0);
3271        ( 560111.6, 4344586.0,      73.8,     464.9,       0.0);         ( 561111.6,
            4344586.0,      62.1,      74.3,       0.0);
3272        ( 562111.6, 4344586.0,      47.8,      47.8,       0.0);         ( 563111.6,
            4344586.0,      42.6,      42.6,       0.0);
3273        ( 564111.6, 4344586.0,      39.2,      39.2,       0.0);         ( 565111.6,
            4344586.0,      37.0,      37.0,       0.0);
3274        ( 566111.6, 4344586.0,      34.4,      34.4,       0.0);         ( 567111.6,
            4344586.0,      32.7,      32.7,       0.0);
3275        ( 568111.6, 4344586.0,      29.8,      29.8,       0.0);         ( 569111.6,
            4344586.0,      27.3,      27.3,       0.0);
3276        ( 570111.6, 4344586.0,      24.5,      24.5,       0.0);         ( 571111.6,
            4344586.0,      22.7,      22.7,       0.0);
3277        ( 572111.6, 4344586.0,      21.1,      21.1,       0.0);         ( 573111.6,
            4344586.0,      20.3,      20.3,       0.0);
3278        ( 574111.6, 4344586.0,      18.2,      18.2,       0.0);         ( 575111.6,
            4344586.0,      16.9,      16.9,       0.0);
3279        ( 576111.6, 4344586.0,      17.2,      17.2,       0.0);         ( 577111.6,
            4344586.0,      16.9,      16.9,       0.0);
3280        ( 578111.6, 4344586.0,      16.9,      16.9,       0.0);         ( 579111.6,
            4344586.0,      16.4,      16.4,       0.0);
3281        ( 580111.6, 4344586.0,      15.8,      15.8,       0.0);         ( 581111.6,
            4344586.0,      15.9,      15.9,       0.0);
3282        ( 582111.6, 4344586.0,      15.7,      15.7,       0.0);         ( 583111.6,
            4344586.0,      17.0,      17.0,       0.0);
3283        ( 584111.6, 4344586.0,      17.4,      17.4,       0.0);         ( 542111.6,
            4345586.0,     482.2,    1108.3,       0.0);
3284        ( 543111.6, 4345586.0,     422.1,    1105.6,       0.0);         ( 544111.6,
            4345586.0,     397.0,    1029.2,       0.0);
3285        ( 545111.6, 4345586.0,     392.2,     695.6,       0.0);         ( 546111.6,
            4345586.0,     414.6,     707.9,       0.0);
3286        ( 547111.6, 4345586.0,     504.2,     708.8,       0.0);         ( 548111.6,
            4345586.0,     595.0,     708.8,       0.0);
3287        ( 549111.6, 4345586.0,     684.5,     708.8,       0.0);         ( 550111.6,
            4345586.0,     630.3,     743.9,       0.0);
3288        ( 551111.6, 4345586.0,     428.1,     743.9,       0.0);         ( 552111.6,
            4345586.0,     415.4,     743.9,       0.0);
3289        ( 553111.6, 4345586.0,     302.2,     743.9,       0.0);         ( 554111.6,
            4345586.0,     205.1,     743.9,       0.0);
3290        ( 555111.6, 4345586.0,     128.0,     743.9,       0.0);         ( 556111.6,
            4345586.0,     193.2,     581.2,       0.0);
3291        ( 557111.6, 4345586.0,     329.7,     391.2,       0.0);         ( 558111.6,
            4345586.0,     192.7,     429.8,       0.0);
3292        ( 559111.6, 4345586.0,      96.0,     464.9,       0.0);         ( 560111.6,
            4345586.0,      65.4,     391.2,       0.0);
3293        ( 561111.6, 4345586.0,      57.7,      80.5,       0.0);         ( 562111.6,
            4345586.0,      55.3,      55.3,       0.0);
3294        ( 563111.6, 4345586.0,      43.0,      43.0,       0.0);         ( 564111.6,
            4345586.0,      41.1,      41.1,       0.0);
3295        ( 565111.6, 4345586.0,      38.4,      38.4,       0.0);         ( 566111.6,
            4345586.0,      35.2,      35.2,       0.0);
3296        ( 567111.6, 4345586.0,      32.4,      32.4,       0.0);         ( 568111.6,
            4345586.0,      28.9,      29.6,       0.0);
3297        ( 569111.6, 4345586.0,      28.7,      28.7,       0.0);         ( 570111.6,
            4345586.0,      26.2,      26.2,       0.0);
3298        ( 571111.6, 4345586.0,      24.1,      24.1,       0.0);         ( 572111.6,
            4345586.0,      22.6,      22.6,       0.0);
3299        ( 573111.6, 4345586.0,      20.4,      20.4,       0.0);         ( 574111.6,
            4345586.0,      19.5,      19.5,       0.0);
3300        ( 575111.6, 4345586.0,      17.8,      17.8,       0.0);         ( 576111.6,
            4345586.0,      17.1,      17.1,       0.0);
3301        ( 577111.6, 4345586.0,      17.2,      17.2,       0.0);         ( 578111.6,
            4345586.0,      16.4,      16.4,       0.0);
3302        ( 579111.6, 4345586.0,      16.7,      16.7,       0.0);         ( 580111.6,
            4345586.0,      16.7,      16.7,       0.0);
```

```
3303        ( 581111.6, 4345586.0,      16.0,      16.0,       0.0);         ( 582111.6,
            4345586.0,      16.0,      16.0,       0.0);
3304        ( 583111.6, 4345586.0,      18.2,      18.2,       0.0);         ( 584111.6,
            4345586.0,      18.1,      18.1,       0.0);
3305        ( 542111.6, 4346586.0,     503.9,    1098.9,       0.0);         ( 543111.6,
            4346586.0,     404.5,    1105.6,       0.0);
3306        ( 544111.6, 4346586.0,     389.2,     389.2,       0.0);         ( 545111.6,
            4346586.0,     392.3,     695.6,       0.0);
3307        ( 546111.6, 4346586.0,     418.9,     707.9,       0.0);         ( 547111.6,
            4346586.0,     547.9,     695.6,       0.0);
3308        ( 548111.6, 4346586.0,     526.0,     743.9,       0.0);         ( 549111.6,
            4346586.0,     588.0,     743.9,       0.0);
3309        ( 550111.6, 4346586.0,     611.3,     743.9,       0.0);         ( 551111.6,
            4346586.0,     393.9,     743.9,       0.0);
3310        ( 552111.6, 4346586.0,     411.4,     743.9,       0.0);         ( 553111.6,
            4346586.0,     434.9,     581.2,       0.0);
3311        ( 554111.6, 4346586.0,     255.0,     743.9,       0.0);         ( 555111.6,
            4346586.0,     117.8,     743.9,       0.0);
3312    FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
        DPM                          ***         11/14/24
3313     *** AERMET - VERSION  19191 ***   *** Met data: Oroville
         2015-2019                                          ***       11:46:05
3314
                                    PAGE  62
3315     *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
3316
3317                                                *** DISCRETE CARTESIAN RECEPTORS ***
3318                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
3319                                                          (METERS)
3320
3321        ( 556111.6, 4346586.0,     137.2,     581.2,       0.0);         ( 557111.6,
            4346586.0,     289.6,     368.8,       0.0);
3322        ( 558111.6, 4346586.0,     149.0,     391.2,       0.0);         ( 559111.6,
            4346586.0,     100.2,     391.2,       0.0);
3323        ( 560111.6, 4346586.0,      84.3,      90.1,       0.0);         ( 561111.6,
            4346586.0,      71.0,      91.5,       0.0);
3324        ( 562111.6, 4346586.0,      48.3,      48.3,       0.0);         ( 563111.6,
            4346586.0,      41.5,      41.5,       0.0);
3325        ( 564111.6, 4346586.0,      39.3,      39.3,       0.0);         ( 565111.6,
            4346586.0,      38.0,      38.0,       0.0);
3326        ( 566111.6, 4346586.0,      34.7,      34.7,       0.0);         ( 567111.6,
            4346586.0,      32.6,      32.6,       0.0);
3327        ( 568111.6, 4346586.0,      30.5,      30.5,       0.0);         ( 569111.6,
            4346586.0,      27.6,      27.6,       0.0);
3328        ( 570111.6, 4346586.0,      26.3,      26.3,       0.0);         ( 571111.6,
            4346586.0,      24.3,      24.3,       0.0);
3329        ( 572111.6, 4346586.0,      22.9,      22.9,       0.0);         ( 573111.6,
            4346586.0,      20.7,      20.7,       0.0);
3330        ( 574111.6, 4346586.0,      19.4,      19.4,       0.0);         ( 575111.6,
            4346586.0,      18.3,      18.3,       0.0);
3331        ( 576111.6, 4346586.0,      17.5,      17.5,       0.0);         ( 577111.6,
            4346586.0,      17.0,      17.0,       0.0);
3332        ( 578111.6, 4346586.0,      16.8,      16.8,       0.0);         ( 579111.6,
            4346586.0,      16.7,      16.7,       0.0);
3333        ( 580111.6, 4346586.0,      17.6,      17.6,       0.0);         ( 581111.6,
            4346586.0,      16.5,      16.5,       0.0);
3334        ( 582111.6, 4346586.0,      16.6,      16.6,       0.0);         ( 583111.6,
            4346586.0,      18.6,      18.6,       0.0);
3335        ( 584111.6, 4346586.0,      20.1,      20.1,       0.0);         ( 542111.6,
            4347586.0,     403.5,    1108.3,       0.0);
3336        ( 543111.6, 4347586.0,     395.9,    1084.1,       0.0);         ( 544111.6,
            4347586.0,     384.1,     384.1,       0.0);
3337        ( 545111.6, 4347586.0,     396.9,     689.8,       0.0);         ( 546111.6,
            4347586.0,     491.2,     689.8,       0.0);
3338        ( 547111.6, 4347586.0,     654.7,     684.5,       0.0);         ( 548111.6,
            4347586.0,     494.9,     707.9,       0.0);
```

```
3339        ( 549111.6, 4347586.0,     515.0,     743.9,       0.0);         ( 550111.6,
            4347586.0,     537.0,     702.1,       0.0);
3340        ( 551111.6, 4347586.0,     367.0,     743.9,       0.0);         ( 552111.6,
            4347586.0,     440.8,     702.1,       0.0);
3341        ( 553111.6, 4347586.0,     220.2,     743.9,       0.0);         ( 554111.6,
            4347586.0,     153.7,     743.9,       0.0);
3342        ( 555111.6, 4347586.0,     129.9,     743.9,       0.0);         ( 556111.6,
            4347586.0,     129.6,     581.2,       0.0);
3343        ( 557111.6, 4347586.0,     291.7,     368.8,       0.0);         ( 558111.6,
            4347586.0,     224.8,     378.8,       0.0);
3344        ( 559111.6, 4347586.0,     129.8,     378.8,       0.0);         ( 560111.6,
            4347586.0,      82.8,     335.1,       0.0);
3345        ( 561111.6, 4347586.0,      52.6,      52.6,       0.0);         ( 562111.6,
            4347586.0,      47.1,      47.1,       0.0);
3346        ( 563111.6, 4347586.0,      43.1,      43.1,       0.0);         ( 564111.6,
            4347586.0,      39.3,      39.3,       0.0);
3347        ( 565111.6, 4347586.0,      37.7,      37.7,       0.0);         ( 566111.6,
            4347586.0,      36.6,      36.6,       0.0);
3348        ( 567111.6, 4347586.0,      33.5,      33.5,       0.0);         ( 568111.6,
            4347586.0,      30.9,      30.9,       0.0);
3349        ( 569111.6, 4347586.0,      29.0,      29.0,       0.0);         ( 570111.6,
            4347586.0,      26.5,      26.5,       0.0);
3350        ( 571111.6, 4347586.0,      24.6,      24.6,       0.0);         ( 572111.6,
            4347586.0,      22.9,      22.9,       0.0);
3351        ( 573111.6, 4347586.0,      21.0,      21.0,       0.0);         ( 574111.6,
            4347586.0,      19.7,      19.7,       0.0);
3352        ( 575111.6, 4347586.0,      18.5,      18.5,       0.0);         ( 576111.6,
            4347586.0,      17.9,      17.9,       0.0);
3353        ( 577111.6, 4347586.0,      17.1,      17.1,       0.0);         ( 578111.6,
            4347586.0,      16.9,      16.9,       0.0);
3354        ( 579111.6, 4347586.0,      17.3,      17.3,       0.0);         ( 580111.6,
            4347586.0,      18.1,      18.1,       0.0);
3355        ( 581111.6, 4347586.0,      17.3,      17.3,       0.0);         ( 582111.6,
            4347586.0,      16.9,      16.9,       0.0);
3356        ( 583111.6, 4347586.0,      18.7,      18.7,       0.0);         ( 584111.6,
            4347586.0,      20.3,      20.3,       0.0);
3357        ( 542111.6, 4348586.0,     399.7,    1084.1,       0.0);         ( 543111.6,
            4348586.0,     381.6,     723.6,       0.0);
3358        ( 544111.6, 4348586.0,     377.2,     662.8,       0.0);         ( 545111.6,
            4348586.0,     393.2,     689.8,       0.0);
3359        ( 546111.6, 4348586.0,     496.6,     689.8,       0.0);         ( 547111.6,
            4348586.0,     598.9,     684.7,       0.0);
3360        ( 548111.6, 4348586.0,     652.0,     678.9,       0.0);         ( 549111.6,
            4348586.0,     513.8,     702.1,       0.0);
3361        ( 550111.6, 4348586.0,     436.7,     707.9,       0.0);         ( 551111.6,
            4348586.0,     313.0,     743.9,       0.0);
3362        ( 552111.6, 4348586.0,     401.2,     702.1,       0.0);         ( 553111.6,
            4348586.0,     339.7,     581.2,       0.0);
3363        ( 554111.6, 4348586.0,     181.0,     743.9,       0.0);         ( 555111.6,
            4348586.0,     119.6,     743.9,       0.0);
3364        ( 556111.6, 4348586.0,     110.6,     581.2,       0.0);         ( 557111.6,
            4348586.0,     305.4,     378.8,       0.0);
3365        ( 558111.6, 4348586.0,     261.8,     378.8,       0.0);         ( 559111.6,
            4348586.0,      78.5,     378.8,       0.0);
3366  FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                          ***         11/14/24
3367   *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                          ***        11:46:05
3368
                                    PAGE  63
3369   *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
3370
3371                                            *** DISCRETE CARTESIAN RECEPTORS ***
3372                                           (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
3373                                                        (METERS)
3374
```

```
3375        ( 560111.6, 4348586.0,      69.8,     378.8,       0.0);         ( 561111.6,
            4348586.0,      53.1,      53.1,       0.0);
3376        ( 562111.6, 4348586.0,      65.9,      65.9,       0.0);         ( 563111.6,
            4348586.0,      42.6,      42.6,       0.0);
3377        ( 564111.6, 4348586.0,      41.1,      41.1,       0.0);         ( 565111.6,
            4348586.0,      38.1,      38.1,       0.0);
3378        ( 566111.6, 4348586.0,      35.5,      35.5,       0.0);         ( 567111.6,
            4348586.0,      32.9,      32.9,       0.0);
3379        ( 568111.6, 4348586.0,      31.5,      31.5,       0.0);         ( 569111.6,
            4348586.0,      29.3,      29.3,       0.0);
3380        ( 570111.6, 4348586.0,      27.1,      27.1,       0.0);         ( 571111.6,
            4348586.0,      24.4,      24.4,       0.0);
3381        ( 572111.6, 4348586.0,      22.7,      22.7,       0.0);         ( 573111.6,
            4348586.0,      20.4,      20.4,       0.0);
3382        ( 574111.6, 4348586.0,      19.8,      19.8,       0.0);         ( 575111.6,
            4348586.0,      19.4,      19.4,       0.0);
3383        ( 576111.6, 4348586.0,      18.4,      18.4,       0.0);         ( 577111.6,
            4348586.0,      17.9,      17.9,       0.0);
3384        ( 578111.6, 4348586.0,      17.5,      17.5,       0.0);         ( 579111.6,
            4348586.0,      16.9,      16.9,       0.0);
3385        ( 580111.6, 4348586.0,      17.2,      17.2,       0.0);         ( 581111.6,
            4348586.0,      18.2,      18.2,       0.0);
3386        ( 582111.6, 4348586.0,      17.3,      17.3,       0.0);         ( 583111.6,
            4348586.0,      19.1,      19.1,       0.0);
3387        ( 584111.6, 4348586.0,      20.1,      20.1,       0.0);         ( 562146.9,
            4328276.9,      93.8,     793.0,       0.0);
3388        ( 564540.1, 4328281.9,      91.4,     110.6,       0.0);         ( 564535.1,
            4327110.5,      83.4,     104.7,       0.0);
3389        ( 564313.9, 4327115.5,      79.3,     104.7,       0.0);         ( 564218.4,
            4327040.1,      79.7,      99.8,       0.0);
3390        ( 564042.4, 4327040.1,      82.2,     780.0,       0.0);         ( 563861.4,
            4326828.9,      84.4,     793.0,       0.0);
3391        ( 562911.2, 4326678.1,      96.4,     793.0,       0.0);         ( 562921.2,
            4326597.6,      99.7,     793.0,       0.0);
3392        ( 562131.8, 4326617.8,     102.5,     793.0,       0.0);         ( 562166.9,
            4328277.0,      93.8,     793.0,       0.0);
3393        ( 562186.8, 4328277.0,      93.7,     793.0,       0.0);         ( 562206.8,
            4328277.0,      93.7,     793.0,       0.0);
3394        ( 562226.7, 4328277.1,      93.8,     793.0,       0.0);         ( 562246.7,
            4328277.1,      94.0,     793.0,       0.0);
3395        ( 562266.6, 4328277.2,      94.3,     793.0,       0.0);         ( 562286.5,
            4328277.2,      94.6,     793.0,       0.0);
3396        ( 562306.5, 4328277.2,      94.7,     793.0,       0.0);         ( 562326.4,
            4328277.3,      94.7,     793.0,       0.0);
3397        ( 562346.4, 4328277.3,      94.8,     793.0,       0.0);         ( 562366.3,
            4328277.4,      94.8,     793.0,       0.0);
3398        ( 562386.2, 4328277.4,      94.5,     793.0,       0.0);         ( 562406.2,
            4328277.5,      94.2,     793.0,       0.0);
3399        ( 562426.1, 4328277.5,      93.9,     793.0,       0.0);         ( 562446.1,
            4328277.5,      93.6,     793.0,       0.0);
3400        ( 562466.0, 4328277.6,      93.4,     793.0,       0.0);         ( 562486.0,
            4328277.6,      93.1,     793.0,       0.0);
3401        ( 562505.9, 4328277.7,      92.4,     793.0,       0.0);         ( 562525.9,
            4328277.7,      91.6,     793.0,       0.0);
3402        ( 562545.8, 4328277.8,      91.3,     793.0,       0.0);         ( 562565.7,
            4328277.8,      91.9,     793.0,       0.0);
3403        ( 562585.7, 4328277.8,      92.9,     793.0,       0.0);         ( 562605.6,
            4328277.9,      93.7,     793.0,       0.0);
3404        ( 562625.6, 4328277.9,      94.1,     793.0,       0.0);         ( 562645.5,
            4328278.0,      94.4,     793.0,       0.0);
3405        ( 562665.5, 4328278.0,      94.5,     793.0,       0.0);         ( 562685.4,
            4328278.0,      94.4,     793.0,       0.0);
3406        ( 562705.4, 4328278.1,      94.4,     793.0,       0.0);         ( 562725.3,
            4328278.1,      94.4,     793.0,       0.0);
3407        ( 562745.2, 4328278.2,      94.7,     793.0,       0.0);         ( 562765.2,
            4328278.2,      94.7,     793.0,       0.0);
```

```
3408        ( 562785.1, 4328278.3,      94.9,     780.0,       0.0);         ( 562805.1,
            4328278.3,      94.8,     780.0,       0.0);
3409        ( 562825.0, 4328278.3,      94.8,     780.0,       0.0);         ( 562845.0,
            4328278.4,      94.7,     780.0,       0.0);
3410        ( 562864.9, 4328278.4,      94.5,     780.0,       0.0);         ( 562884.8,
            4328278.5,      94.4,     780.0,       0.0);
3411        ( 562904.8, 4328278.5,      94.3,     780.0,       0.0);         ( 562924.7,
            4328278.5,      94.3,     780.0,       0.0);
3412        ( 562944.7, 4328278.6,      94.3,     780.0,       0.0);         ( 562964.6,
            4328278.6,      94.3,     780.0,       0.0);
3413        ( 562984.6, 4328278.7,      94.5,     780.0,       0.0);         ( 563004.5,
            4328278.7,      94.5,     684.3,       0.0);
3414        ( 563024.4, 4328278.8,      94.5,     674.8,       0.0);         ( 563044.4,
            4328278.8,      94.4,     674.8,       0.0);
3415        ( 563064.3, 4328278.8,      94.5,     674.8,       0.0);         ( 563084.3,
            4328278.9,      94.5,     674.6,       0.0);
3416        ( 563104.2, 4328278.9,      94.5,     667.7,       0.0);         ( 563124.2,
            4328279.0,      94.5,     662.3,       0.0);
3417        ( 563144.1, 4328279.0,      94.5,     662.3,       0.0);         ( 563164.0,
            4328279.0,      94.5,     662.3,       0.0);
3418        ( 563184.0, 4328279.1,      94.3,     662.3,       0.0);         ( 563203.9,
            4328279.1,      94.2,     662.3,       0.0);
3419        ( 563223.9, 4328279.2,      94.3,     662.3,       0.0);         ( 563243.8,
            4328279.2,      94.6,     662.1,       0.0);
3420    FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
    DPM                          ***        11/14/24
3421     *** AERMET - VERSION  19191 ***   *** Met data: Oroville
         2015-2019                                          ***       11:46:05
3422
                                    PAGE  64
3423     *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
3424
3425                                                  *** DISCRETE CARTESIAN RECEPTORS ***
3426                                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
3427                                                             (METERS)
3428
3429        ( 563263.8, 4328279.3,      95.0,      95.0,       0.0);         ( 563283.7,
            4328279.3,      95.2,      95.2,       0.0);
3430        ( 563303.7, 4328279.3,      95.3,      95.3,       0.0);         ( 563323.6,
            4328279.4,      95.0,      95.0,       0.0);
3431        ( 563343.5, 4328279.4,      94.7,      94.7,       0.0);         ( 563363.5,
            4328279.5,      94.8,      94.8,       0.0);
3432        ( 563383.4, 4328279.5,      95.1,      95.1,       0.0);         ( 563403.4,
            4328279.6,      95.2,      95.2,       0.0);
3433        ( 563423.3, 4328279.6,      95.3,      95.3,       0.0);         ( 563443.2,
            4328279.6,      96.0,      96.0,       0.0);
3434        ( 563463.2, 4328279.7,      96.8,      96.8,       0.0);         ( 563483.1,
            4328279.7,      97.6,      97.6,       0.0);
3435        ( 563503.1, 4328279.8,      97.9,      97.9,       0.0);         ( 563523.0,
            4328279.8,      97.3,      97.3,       0.0);
3436        ( 563543.0, 4328279.8,      96.5,      96.5,       0.0);         ( 563562.9,
            4328279.9,      96.0,      96.0,       0.0);
3437        ( 563582.9, 4328279.9,      95.6,      95.6,       0.0);         ( 563602.8,
            4328280.0,      95.5,      95.5,       0.0);
3438        ( 563622.7, 4328280.0,      95.4,      95.4,       0.0);         ( 563642.7,
            4328280.1,      95.5,      95.5,       0.0);
3439        ( 563662.6, 4328280.1,      95.8,      95.8,       0.0);         ( 563682.6,
            4328280.1,      96.4,      96.4,       0.0);
3440        ( 563702.5, 4328280.2,      97.2,      97.2,       0.0);         ( 563722.5,
            4328280.2,      98.1,      98.1,       0.0);
3441        ( 563742.4, 4328280.3,      98.4,      98.4,       0.0);         ( 563762.4,
            4328280.3,      98.2,      99.5,       0.0);
3442        ( 563782.3, 4328280.3,      97.3,     101.3,       0.0);         ( 563802.2,
            4328280.4,      95.7,     102.0,       0.0);
3443        ( 563822.2, 4328280.4,      94.4,     101.7,       0.0);         ( 563842.1,
            4328280.5,      93.6,      93.6,       0.0);
```

```
3444        ( 563862.1, 4328280.5,      93.3,      93.3,       0.0);         ( 563882.0,
            4328280.6,      94.4,      97.3,       0.0);
3445        ( 563902.0, 4328280.6,      95.7,      96.6,       0.0);         ( 563921.9,
            4328280.6,      96.2,      96.2,       0.0);
3446        ( 563941.8, 4328280.7,      95.3,      95.3,       0.0);         ( 563961.8,
            4328280.7,      93.5,      96.8,       0.0);
3447        ( 563981.7, 4328280.8,      91.3,     100.6,       0.0);         ( 564001.7,
            4328280.8,      89.5,     101.6,       0.0);
3448        ( 564021.6, 4328280.8,      88.5,     101.5,       0.0);         ( 564041.6,
            4328280.9,      87.9,     103.2,       0.0);
3449        ( 564061.5, 4328280.9,      87.5,     103.2,       0.0);         ( 564081.4,
            4328281.0,      86.9,     103.4,       0.0);
3450        ( 564101.4, 4328281.0,      86.5,     103.4,       0.0);         ( 564121.3,
            4328281.1,      86.2,     103.4,       0.0);
3451        ( 564141.3, 4328281.1,      86.2,     103.1,       0.0);         ( 564161.2,
            4328281.1,      86.7,      93.7,       0.0);
3452        ( 564181.2, 4328281.2,      87.8,      92.5,       0.0);         ( 564201.1,
            4328281.2,      87.8,      89.3,       0.0);
3453        ( 564221.1, 4328281.3,      87.0,      87.0,       0.0);         ( 564241.0,
            4328281.3,      86.7,      86.7,       0.0);
3454        ( 564260.9, 4328281.3,      87.3,      91.9,       0.0);         ( 564280.9,
            4328281.4,      88.9,      92.5,       0.0);
3455        ( 564300.8, 4328281.4,      90.7,      91.9,       0.0);         ( 564320.8,
            4328281.5,      92.3,      92.3,       0.0);
3456        ( 564340.7, 4328281.5,      92.9,      92.9,       0.0);         ( 564360.7,
            4328281.6,      92.6,      92.6,       0.0);
3457        ( 564380.6, 4328281.6,      92.2,      93.0,       0.0);         ( 564400.5,
            4328281.6,      90.9,      93.3,       0.0);
3458        ( 564420.5, 4328281.7,      88.0,     110.0,       0.0);         ( 564440.4,
            4328281.7,      83.8,     110.6,       0.0);
3459        ( 564460.4, 4328281.8,      81.1,     110.6,       0.0);         ( 564480.3,
            4328281.8,      81.3,     110.6,       0.0);
3460        ( 564500.2, 4328281.9,      83.6,     110.6,       0.0);         ( 564520.2,
            4328281.9,      87.1,     110.6,       0.0);
3461        ( 564540.1, 4328262.1,      92.4,     110.6,       0.0);         ( 564540.0,
            4328242.2,      91.8,     110.6,       0.0);
3462        ( 564539.9, 4328222.4,      89.8,     110.6,       0.0);         ( 564539.8,
            4328202.5,      87.6,     110.6,       0.0);
3463        ( 564539.7, 4328182.7,      86.3,     110.6,       0.0);         ( 564539.6,
            4328162.8,      86.5,     115.3,       0.0);
3464        ( 564539.5, 4328143.0,      85.9,     115.3,       0.0);         ( 564539.5,
            4328123.1,      84.7,     115.3,       0.0);
3465        ( 564539.4, 4328103.2,      84.3,     115.3,       0.0);         ( 564539.3,
            4328083.4,      85.7,     115.3,       0.0);
3466        ( 564539.2, 4328063.5,      87.8,     115.3,       0.0);         ( 564539.1,
            4328043.7,      89.9,     115.3,       0.0);
3467        ( 564539.0, 4328023.8,      92.2,     115.3,       0.0);         ( 564539.0,
            4328004.0,      93.0,     115.3,       0.0);
3468        ( 564538.9, 4327984.1,      93.4,     115.3,       0.0);         ( 564538.8,
            4327964.3,      95.0,     115.3,       0.0);
3469        ( 564538.7, 4327944.4,      95.7,     115.3,       0.0);         ( 564538.6,
            4327924.5,      94.1,     115.3,       0.0);
3470        ( 564538.5, 4327904.7,      91.8,     115.3,       0.0);         ( 564538.4,
            4327884.8,      91.8,     115.3,       0.0);
3471        ( 564538.4, 4327865.0,      94.5,     115.3,       0.0);         ( 564538.3,
            4327845.1,      95.3,     115.3,       0.0);
3472        ( 564538.2, 4327825.3,      94.9,     115.3,       0.0);         ( 564538.1,
            4327805.4,      95.7,     115.3,       0.0);
3473        ( 564538.0, 4327785.6,      95.4,     115.1,       0.0);         ( 564537.9,
            4327765.7,      93.3,     115.3,       0.0);
3474    FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
        DPM                        ***        11/14/24
3475     *** AERMET - VERSION  19191 ***   *** Met data: Oroville
         2015-2019                                        ***       11:46:05
3476
```

```
*** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                     (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     ( 564537.8, 4327745.8,      90.9,     115.3,       0.0);         ( 564537.8,
       4327726.0,      90.8,     115.3,       0.0);
     ( 564537.7, 4327706.1,      93.4,     114.9,       0.0);         ( 564537.6,
       4327686.3,      96.2,      96.2,       0.0);
     ( 564537.5, 4327666.4,      96.6,      96.6,       0.0);         ( 564537.4,
       4327646.6,      95.6,      95.6,       0.0);
     ( 564537.3, 4327626.7,      94.3,      94.3,       0.0);         ( 564537.2,
       4327606.9,      93.7,      95.9,       0.0);
     ( 564537.2, 4327587.0,      93.9,      96.2,       0.0);         ( 564537.1,
       4327567.1,      94.4,      95.9,       0.0);
     ( 564537.0, 4327547.3,      95.8,      95.8,       0.0);         ( 564536.9,
       4327527.4,      96.8,      96.8,       0.0);
     ( 564536.8, 4327507.6,      97.0,      97.0,       0.0);         ( 564536.7,
       4327487.7,      96.6,      96.6,       0.0);
     ( 564536.6, 4327467.9,      95.4,      97.0,       0.0);         ( 564536.6,
       4327448.0,      93.3,      97.0,       0.0);
     ( 564536.5, 4327428.2,      90.6,      99.0,       0.0);         ( 564536.4,
       4327408.3,      88.3,      99.0,       0.0);
     ( 564536.3, 4327388.5,      87.4,     104.6,       0.0);         ( 564536.2,
       4327368.6,      84.7,     104.7,       0.0);
     ( 564536.1, 4327348.7,      84.3,     104.7,       0.0);         ( 564536.1,
       4327328.9,      84.9,     104.7,       0.0);
     ( 564536.0, 4327309.0,      87.5,     104.7,       0.0);         ( 564535.9,
       4327289.2,      90.9,     104.7,       0.0);
     ( 564535.8, 4327269.3,      92.2,     104.7,       0.0);         ( 564535.7,
       4327249.5,      90.6,     104.7,       0.0);
     ( 564535.6, 4327229.6,      90.1,     104.7,       0.0);         ( 564535.5,
       4327209.8,      93.3,     103.7,       0.0);
     ( 564535.5, 4327189.9,      97.4,      99.3,       0.0);         ( 564535.4,
       4327170.0,      98.8,      98.8,       0.0);
     ( 564535.3, 4327150.2,      95.8,      99.5,       0.0);         ( 564535.2,
       4327130.3,      89.3,     102.9,       0.0);
     ( 564516.7, 4327110.9,      82.7,     104.7,       0.0);         ( 564498.2,
       4327111.3,      81.9,     104.7,       0.0);
     ( 564479.8, 4327111.7,      81.3,     104.7,       0.0);         ( 564461.4,
       4327112.2,      80.9,     104.7,       0.0);
     ( 564442.9, 4327112.6,      80.7,     104.7,       0.0);         ( 564424.5,
       4327113.0,      80.6,     104.7,       0.0);
     ( 564406.1, 4327113.4,      80.7,     104.7,       0.0);         ( 564387.6,
       4327113.8,      80.8,     104.7,       0.0);
     ( 564369.2, 4327114.2,      80.5,     104.7,       0.0);         ( 564350.8,
       4327114.7,      79.8,     104.7,       0.0);
     ( 564332.3, 4327115.1,      79.2,     104.7,       0.0);         ( 564300.2,
       4327104.7,      79.6,     104.7,       0.0);
     ( 564286.6, 4327094.0,      79.8,     104.7,       0.0);         ( 564273.0,
       4327083.2,      80.1,     104.7,       0.0);
     ( 564259.3, 4327072.4,      81.1,     104.4,       0.0);         ( 564245.7,
       4327061.6,      81.3,      98.1,       0.0);
     ( 564232.0, 4327050.9,      80.5,      99.5,       0.0);         ( 564198.8,
       4327040.1,      80.1,      99.8,       0.0);
     ( 564179.3, 4327040.1,      80.7,      99.8,       0.0);         ( 564159.7,
       4327040.1,      81.1,     780.0,       0.0);
     ( 564140.2, 4327040.1,      81.6,     780.0,       0.0);         ( 564120.6,
       4327040.1,      82.0,     780.0,       0.0);
     ( 564101.1, 4327040.1,      81.7,     780.0,       0.0);         ( 564081.5,
       4327040.1,      81.4,     780.0,       0.0);
     ( 564061.9, 4327040.1,      81.8,     780.0,       0.0);         ( 564029.5,
       4327025.0,      82.3,     793.0,       0.0);
     ( 564016.5, 4327009.9,      82.5,     793.0,       0.0);         ( 564003.6,
       4326994.8,      82.7,     793.0,       0.0);
```

```
( 563990.7, 4326979.8,      82.8,     793.0,       0.0);         ( 563977.8,
      4326964.7,      83.0,     793.0,       0.0);
( 563964.8, 4326949.6,      83.2,     793.0,       0.0);         ( 563951.9,
      4326934.5,      83.4,     793.0,       0.0);
( 563939.0, 4326919.4,      83.5,     793.0,       0.0);         ( 563926.0,
      4326904.3,      83.6,     793.0,       0.0);
( 563913.1, 4326889.2,      83.8,     793.0,       0.0);         ( 563900.2,
      4326874.2,      84.0,     793.0,       0.0);
( 563887.2, 4326859.1,      84.3,     793.0,       0.0);         ( 563874.3,
      4326844.0,      84.5,     793.0,       0.0);
( 563842.0, 4326825.8,      84.6,     793.0,       0.0);         ( 563822.6,
      4326822.8,      84.8,     793.0,       0.0);
( 563803.2, 4326819.7,      84.9,     793.0,       0.0);         ( 563783.8,
      4326816.6,      85.0,     793.0,       0.0);
( 563764.4, 4326813.5,      85.5,     793.0,       0.0);         ( 563745.0,
      4326810.5,      85.4,     793.0,       0.0);
( 563725.6, 4326807.4,      85.5,     793.0,       0.0);         ( 563706.2,
      4326804.3,      85.9,     793.0,       0.0);
( 563686.9, 4326801.2,      86.6,     793.0,       0.0);         ( 563667.5,
      4326798.1,      86.9,     793.0,       0.0);
( 563648.1, 4326795.1,      87.2,     793.0,       0.0);         ( 563628.7,
      4326792.0,      87.4,     793.0,       0.0);
( 563609.3, 4326788.9,      87.7,     793.0,       0.0);         ( 563589.9,
      4326785.8,      87.9,     793.0,       0.0);
( 563570.5, 4326782.8,      88.1,     793.0,       0.0);         ( 563551.1,
      4326779.7,      88.3,     793.0,       0.0);
( 563531.7, 4326776.6,      88.5,     793.0,       0.0);         ( 563512.3,
      4326773.5,      88.7,     793.0,       0.0);
( 563492.9, 4326770.4,      88.6,     793.0,       0.0);         ( 563473.5,
      4326767.4,      88.5,     793.0,       0.0);
FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
DPM                          ***         11/14/24
 *** AERMET - VERSION  19191 ***   *** Met data: Oroville
 2015-2019                                          ***       11:46:05

                                PAGE  66
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL

                                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                             (METERS)

( 563454.1, 4326764.3,      88.7,     793.0,       0.0);         ( 563434.8,
      4326761.2,      88.5,     793.0,       0.0);
( 563415.4, 4326758.1,      89.5,     793.0,       0.0);         ( 563396.0,
      4326755.0,      89.5,     793.0,       0.0);
( 563376.6, 4326752.0,      89.6,     793.0,       0.0);         ( 563357.2,
      4326748.9,      89.8,     793.0,       0.0);
( 563337.8, 4326745.8,      91.0,     793.0,       0.0);         ( 563318.4,
      4326742.7,      92.8,     793.0,       0.0);
( 563299.0, 4326739.6,      93.1,     793.0,       0.0);         ( 563279.6,
      4326736.6,      91.9,     793.0,       0.0);
( 563260.2, 4326733.5,      90.5,     793.0,       0.0);         ( 563240.8,
      4326730.4,      90.8,     793.0,       0.0);
( 563221.4, 4326727.3,      91.2,     793.0,       0.0);         ( 563202.0,
      4326724.3,      95.2,     793.0,       0.0);
( 563182.7, 4326721.2,      98.6,     793.0,       0.0);         ( 563163.2,
      4326718.1,      99.9,     793.0,       0.0);
( 563143.9, 4326715.0,      99.0,     793.0,       0.0);         ( 563124.5,
      4326712.0,      96.8,     793.0,       0.0);
( 563105.1, 4326708.9,      94.0,     793.0,       0.0);         ( 563085.7,
      4326705.8,      95.5,     793.0,       0.0);
( 563066.3, 4326702.7,      97.8,     793.0,       0.0);         ( 563046.9,
      4326699.6,      98.6,     793.0,       0.0);
( 563027.5, 4326696.6,      98.4,     793.0,       0.0);         ( 563008.1,
      4326693.5,      98.2,     793.0,       0.0);
```

```
3549        ( 562988.7, 4326690.4,      98.2,     793.0,       0.0);         ( 562969.3,
            4326687.3,      97.6,     793.0,       0.0);
3550        ( 562949.9, 4326684.2,      95.3,     793.0,       0.0);         ( 562930.5,
            4326681.2,      95.6,     793.0,       0.0);
3551        ( 562913.2, 4326662.0,      94.8,     793.0,       0.0);         ( 562915.2,
            4326645.9,      96.5,     793.0,       0.0);
3552        ( 562917.2, 4326629.8,      98.0,     793.0,       0.0);         ( 562919.2,
            4326613.7,      98.9,     793.0,       0.0);
3553        ( 562901.5, 4326598.1,      99.7,     793.0,       0.0);         ( 562881.7,
            4326598.7,     101.4,     793.0,       0.0);
3554        ( 562862.0, 4326599.2,     102.2,     793.0,       0.0);         ( 562842.3,
            4326599.7,     101.3,     793.0,       0.0);
3555        ( 562822.5, 4326600.2,     100.4,     793.0,       0.0);         ( 562802.8,
            4326600.7,      99.8,     793.0,       0.0);
3556        ( 562783.1, 4326601.2,      98.9,     793.0,       0.0);         ( 562763.3,
            4326601.7,      98.4,     793.0,       0.0);
3557        ( 562743.6, 4326602.2,      98.6,     793.0,       0.0);         ( 562723.9,
            4326602.7,      99.0,     793.0,       0.0);
3558        ( 562704.1, 4326603.2,      99.2,     793.0,       0.0);         ( 562684.4,
            4326603.7,      99.5,     793.0,       0.0);
3559        ( 562664.7, 4326604.2,      99.6,     793.0,       0.0);         ( 562644.9,
            4326604.7,      99.8,     793.0,       0.0);
3560        ( 562625.2, 4326605.2,      99.8,     793.0,       0.0);         ( 562605.5,
            4326605.7,     100.0,     793.0,       0.0);
3561        ( 562585.7, 4326606.2,     100.5,     793.0,       0.0);         ( 562566.0,
            4326606.7,     101.5,     793.0,       0.0);
3562        ( 562546.2, 4326607.2,     101.3,     793.0,       0.0);         ( 562526.5,
            4326607.7,     100.5,     793.0,       0.0);
3563        ( 562506.8, 4326608.2,     101.1,     793.0,       0.0);         ( 562487.1,
            4326608.7,     101.1,     793.0,       0.0);
3564        ( 562467.3, 4326609.2,     101.2,     793.0,       0.0);         ( 562447.6,
            4326609.7,     101.3,     793.0,       0.0);
3565        ( 562427.9, 4326610.2,     101.3,     793.0,       0.0);         ( 562408.1,
            4326610.7,     101.4,     793.0,       0.0);
3566        ( 562388.4, 4326611.2,     101.5,     793.0,       0.0);         ( 562368.7,
            4326611.7,     101.5,     793.0,       0.0);
3567        ( 562348.9, 4326612.2,     101.6,     793.0,       0.0);         ( 562329.2,
            4326612.7,     101.7,     793.0,       0.0);
3568        ( 562309.5, 4326613.2,     101.8,     793.0,       0.0);         ( 562289.7,
            4326613.7,     101.9,     793.0,       0.0);
3569        ( 562270.0, 4326614.2,     102.0,     793.0,       0.0);         ( 562250.2,
            4326614.7,     102.1,     793.0,       0.0);
3570        ( 562230.5, 4326615.2,     102.2,     793.0,       0.0);         ( 562210.8,
            4326615.8,     102.3,     793.0,       0.0);
3571        ( 562191.0, 4326616.2,     102.4,     793.0,       0.0);         ( 562171.3,
            4326616.8,     102.5,     793.0,       0.0);
3572        ( 562151.6, 4326617.3,     102.5,     793.0,       0.0);         ( 562132.0,
            4326637.8,     102.5,     793.0,       0.0);
3573        ( 562132.2, 4326657.7,     102.3,     793.0,       0.0);         ( 562132.4,
            4326677.7,     101.9,     793.0,       0.0);
3574        ( 562132.6, 4326697.7,     101.7,     793.0,       0.0);         ( 562132.8,
            4326717.7,     101.7,     793.0,       0.0);
3575        ( 562132.9, 4326737.7,     101.6,     793.0,       0.0);         ( 562133.1,
            4326757.7,     101.5,     793.0,       0.0);
3576        ( 562133.3, 4326777.7,     101.4,     793.0,       0.0);         ( 562133.5,
            4326797.7,     101.2,     793.0,       0.0);
3577        ( 562133.7, 4326817.7,     101.1,     793.0,       0.0);         ( 562133.8,
            4326837.6,     101.0,     793.0,       0.0);
3578        ( 562134.0, 4326857.6,     100.8,     793.0,       0.0);         ( 562134.2,
            4326877.6,     100.7,     793.0,       0.0);
3579        ( 562134.4, 4326897.6,     100.5,     793.0,       0.0);         ( 562134.6,
            4326917.6,     100.4,     793.0,       0.0);
3580        ( 562134.8, 4326937.6,     100.3,     793.0,       0.0);         ( 562134.9,
            4326957.6,     100.2,     793.0,       0.0);
3581        ( 562135.1, 4326977.6,     100.0,     793.0,       0.0);         ( 562135.3,
            4326997.6,      99.9,     793.0,       0.0);
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(562135.5, 4327017.6, 99.8, 793.0, 0.0); (562135.7, 4327037.5, 99.7, 793.0, 0.0);
(562135.8, 4327057.5, 99.5, 793.0, 0.0); (562136.0, 4327077.5, 99.4, 793.0, 0.0);
(562136.2, 4327097.5, 99.3, 793.0, 0.0); (562136.4, 4327117.5, 99.2, 793.0, 0.0);
(562136.6, 4327137.5, 99.1, 793.0, 0.0); (562136.8, 4327157.5, 98.9, 793.0, 0.0);
(562136.9, 4327177.5, 98.8, 793.0, 0.0); (562137.1, 4327197.5, 98.6, 793.0, 0.0);
(562137.3, 4327217.5, 98.4, 793.0, 0.0); (562137.5, 4327237.5, 98.2, 793.0, 0.0);
(562137.7, 4327257.4, 98.0, 793.0, 0.0); (562137.8, 4327277.4, 97.7, 793.0, 0.0);
(562138.0, 4327297.4, 97.6, 793.0, 0.0); (562138.2, 4327317.4, 97.4, 793.0, 0.0);
(562138.4, 4327337.4, 97.3, 793.0, 0.0); (562138.6, 4327357.4, 97.2, 793.0, 0.0);
(562138.8, 4327377.4, 97.1, 793.0, 0.0); (562138.9, 4327397.4, 97.0, 793.0, 0.0);
(562139.1, 4327417.4, 97.0, 793.0, 0.0); (562139.3, 4327437.3, 96.7, 793.0, 0.0);
(562139.5, 4327457.3, 96.5, 793.0, 0.0); (562139.7, 4327477.3, 96.2, 793.0, 0.0);
(562139.8, 4327497.3, 96.1, 793.0, 0.0); (562140.0, 4327517.3, 96.0, 793.0, 0.0);
(562140.2, 4327537.3, 96.1, 793.0, 0.0); (562140.4, 4327557.3, 96.1, 793.0, 0.0);
(562140.6, 4327577.3, 96.1, 793.0, 0.0); (562140.8, 4327597.3, 95.8, 793.0, 0.0);
(562140.9, 4327617.2, 95.2, 793.0, 0.0); (562141.1, 4327637.2, 94.5, 793.0, 0.0);
(562141.3, 4327657.2, 94.0, 793.0, 0.0); (562141.5, 4327677.2, 93.9, 793.0, 0.0);
(562141.7, 4327697.2, 93.8, 793.0, 0.0); (562141.8, 4327717.2, 93.7, 793.0, 0.0);
(562142.0, 4327737.2, 93.5, 793.0, 0.0); (562142.2, 4327757.2, 93.4, 793.0, 0.0);
(562142.4, 4327777.2, 93.3, 793.0, 0.0); (562142.6, 4327797.2, 93.2, 793.0, 0.0);
(562142.8, 4327817.1, 93.1, 793.0, 0.0); (562142.9, 4327837.1, 93.0, 793.0, 0.0);
(562143.1, 4327857.1, 92.9, 793.0, 0.0); (562143.3, 4327877.1, 92.7, 793.0, 0.0);
(562143.5, 4327897.1, 92.5, 793.0, 0.0); (562143.7, 4327917.1, 92.5, 793.0, 0.0);
(562143.8, 4327937.1, 92.3, 793.0, 0.0); (562144.0, 4327957.1, 92.2, 793.0, 0.0);
(562144.2, 4327977.1, 92.0, 793.0, 0.0); (562144.4, 4327997.1, 92.8, 793.0, 0.0);
(562144.6, 4328017.0, 93.8, 793.0, 0.0); (562144.8, 4328037.0, 94.3, 793.0, 0.0);
(562144.9, 4328057.0, 94.2, 793.0, 0.0); (562145.1, 4328077.0, 94.0, 793.0, 0.0);

```
3618       ( 562145.3, 4328097.0,      93.6,     793.0,       0.0);         ( 562145.5,
           4328117.0,      93.1,     793.0,       0.0);
3619       ( 562145.7, 4328137.0,      92.6,     793.0,       0.0);         ( 562145.8,
           4328157.0,      92.4,     793.0,       0.0);
3620       ( 562146.0, 4328177.0,      92.2,     793.0,       0.0);         ( 562146.2,
           4328197.0,      92.3,     793.0,       0.0);
3621       ( 562146.4, 4328217.0,      92.5,     793.0,       0.0);         ( 562146.6,
           4328236.9,      93.0,     793.0,       0.0);
3622       ( 562146.8, 4328256.9,      93.3,     793.0,
           0.0);
3623   FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
       DPM                         ***        11/14/24
3624    *** AERMET - VERSION  19191 ***   *** Met data: Oroville
        2015-2019                                          ***       11:46:05
3625
                                  PAGE  68
3626    *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
3627
3628                                              *** METEOROLOGICAL DAYS SELECTED FOR
                                                  PROCESSING ***
3629                                                              (1=YES; 0=NO)
3630
3631              1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
                  1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
3632              1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
                  1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
3633              1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
                  1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
3634              1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
                  1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
3635              1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
                  1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
3636              1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
                  1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
3637              1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
                  1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
3638              1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
3639
3640                  NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT
                      IS INCLUDED IN THE DATA FILE.
3641
3642
3643
3644                                  *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED
                                      CATEGORIES ***
3645                                                   (METERS/SEC)
3646
3647                                                 1.54,   3.09,   5.14,   8.23,  10.80,
3648   FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
       DPM                         ***        11/14/24
3649    *** AERMET - VERSION  19191 ***   *** Met data: Oroville
        2015-2019                                          ***       11:46:05
3650
                                  PAGE  69
3651    *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
3652
3653                                   *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA
                                       ***
3654
3655      Surface file:   ..\Met data\2015-2019 Aermet Data
          Oroville.SFC                                  Met Version:  19191
3656      Profile file:   ..\Met data\2015-2019 Aermet Data
          Oroville.PFL
3657      Surface format:
          FREE
```

```
  Profile format:
  FREE

  Surface station no.:    93210                  Upper air station no.:    23230
                Name: UNKNOWN                                    Name:
                OAKLAND/WSO_AP
                Year:   2015                                     Year:   2015

 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
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 15 01 01   1 01  -12.7  0.118 -9.000 -9.000 -999.   97.     11.7  0.18   0.58   1.00
 2.36  291.   10.0  277.0    2.0
 15 01 01   1 02  -16.0  0.138 -9.000 -9.000 -999.  123.     14.9  0.07   0.58   1.00
 2.86  148.   10.0  275.9    2.0
 15 01 01   1 03  -21.8  0.187 -9.000 -9.000 -999.  194.     27.2  0.14   0.58   1.00
 2.86   74.   10.0  274.2    2.0
 15 01 01   1 04   -5.2  0.072 -9.000 -9.000 -999.   57.      6.4  0.07   0.58   1.00
 1.76  183.   10.0  274.2    2.0
 15 01 01   1 05  -11.6  0.110 -9.000 -9.000 -999.   88.     10.5  0.14   0.58   1.00
 2.36   83.   10.0  273.1    2.0
 15 01 01   1 06 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.16   0.58   1.00
 0.00    0.   10.0  273.1    2.0
 15 01 01   1 07   -6.4  0.082 -9.000 -9.000 -999.   57.      7.8  0.14   0.58   1.00
 1.76   75.   10.0  272.5    2.0
 15 01 01   1 08  -29.8  0.255 -9.000 -9.000 -999.  310.     50.6  0.14   0.58   1.00
 3.36   83.   10.0  273.8    2.0
 15 01 01   1 09   -6.4  0.200 -9.000 -9.000 -999.  216.    114.6  0.14   0.58   0.41
 2.36   87.   10.0  277.0    2.0
 15 01 01   1 10   27.5  0.413  0.602  0.006  287.  638.   -233.1  0.08   0.58   0.28
 4.86  171.   10.0  279.2    2.0
 15 01 01   1 11   53.4  0.422  0.825  0.006  380.  657.   -127.2  0.08   0.58   0.23
 4.86  154.   10.0  279.9    2.0
 15 01 01   1 12   67.9  0.349  0.913  0.007  406.  498.    -56.6  0.08   0.58   0.21
 3.86  166.   10.0  280.4    2.0
 15 01 01   1 13   70.1  0.382  0.942  0.005  431.  566.    -72.0  0.07   0.58   0.21
 4.36  143.   10.0  280.9    2.0
 15 01 01   1 14   59.7  0.417  0.929  0.006  485.  646.   -109.8  0.07   0.58   0.22
 4.86  149.   10.0  281.4    2.0
 15 01 01   1 15   37.4  0.298  0.809  0.006  512.  400.    -64.0  0.07   0.58   0.26
 3.36  182.   10.0  281.4    2.0
 15 01 01   1 16    5.7  0.243  0.432  0.006  514.  289.   -229.7  0.08   0.58   0.35
 2.86  174.   10.0  281.4    2.0
 15 01 01   1 17  -16.5  0.156 -9.000 -9.000 -999.  150.     20.7  0.07   0.58   0.62
 2.86  121.   10.0  279.9    2.0
 15 01 01   1 18  -21.7  0.189 -9.000 -9.000 -999.  198.     28.3  0.14   0.58   1.00
 2.86   87.   10.0  278.8    2.0
 15 01 01   1 19   -6.4  0.082 -9.000 -9.000 -999.   64.      7.9  0.14   0.58   1.00
 1.76   84.   10.0  277.5    2.0
 15 01 01   1 20   -6.4  0.082 -9.000 -9.000 -999.   57.      7.9  0.14   0.58   1.00
 1.76   67.   10.0  277.0    2.0
 15 01 01   1 21  -13.0  0.120 -9.000 -9.000 -999.   99.     11.9  0.19   0.58   1.00
 2.36   40.   10.0  275.4    2.0
 15 01 01   1 22  -24.8  0.214 -9.000 -9.000 -999.  238.     35.8  0.19   0.58   1.00
 2.86   52.   10.0  275.9    2.0
 15 01 01   1 23   -6.4  0.082 -9.000 -9.000 -999.   72.      7.9  0.14   0.58   1.00
 1.76   80.   10.0  275.9    2.0
 15 01 01   1 24   -7.2  0.089 -9.000 -9.000 -999.   64.      8.9  0.19   0.58   1.00
 1.76   50.   10.0  275.4    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 15 01 01 01   10.0 1  291.    2.36   277.1   99.0  -99.00  -99.00
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
562162.00	4326589.00	0.00226	563523.00	4326392.00	0.00247
561352.00	4328174.00	0.00142	564143.00	4330100.00	0.00059
564144.00	4333548.00	0.00018	570497.00	4332064.00	0.00008
571703.00	4326731.00	0.00017	572581.00	4333193.00	0.00006
572606.00	4334093.00	0.00005	572804.00	4334125.00	0.00005
562111.63	4326586.05	0.00212	562211.63	4326586.05	0.00255
562311.63	4326586.05	0.00314	562411.63	4326586.05	0.00355
562511.63	4326586.05	0.00399	562611.63	4326586.05	0.00453
562711.63	4326586.05	0.00485	562811.63	4326586.05	0.00437
562911.63	4326586.05	0.00472	563011.63	4326586.05	0.00221
563111.63	4326586.05	0.00269	563211.63	4326586.05	0.00227
563311.63	4326586.05	0.00329	563411.63	4326586.05	0.00359
563511.63	4326586.05	0.00258	563611.63	4326586.05	0.00280
563711.63	4326586.05	0.00342	563811.63	4326586.05	0.00329
563911.63	4326586.05	0.00249	564011.63	4326586.05	0.00300
564111.63	4326586.05	0.00260	564211.63	4326586.05	0.00243
564311.63	4326586.05	0.00233	564411.63	4326586.05	0.00226
564511.63	4326586.05	0.00213	562111.63	4326686.05	0.00288
563011.63	4326686.05	0.00640	563111.63	4326686.05	0.00657
563211.63	4326686.05	0.00589	563311.63	4326686.05	0.00423
563411.63	4326686.05	0.00526	563511.63	4326686.05	0.00395
563611.63	4326686.05	0.00460	563711.63		

```
          4326686.05        0.00306
3733      563811.63    4326686.05        0.00279                      563911.63
          4326686.05        0.00307
3734      564011.63    4326686.05        0.00363                      564111.63
          4326686.05        0.00303
3735      564211.63    4326686.05        0.00277                      564311.63
          4326686.05        0.00258
3736      564411.63    4326686.05        0.00241                      564511.63
          4326686.05        0.00228
3737      562111.63    4326786.05        0.00379                      563611.63
          4326786.05        0.00699
3738      563711.63    4326786.05        0.00597                      563811.63
          4326786.05        0.00527
3739      563911.63    4326786.05        0.00464                      564011.63
          4326786.05        0.00402
3740      564111.63    4326786.05        0.00356                      564211.63
          4326786.05        0.00321
3741      564311.63    4326786.05        0.00294                      564411.63
          4326786.05        0.00273
3742      564511.63    4326786.05        0.00254                      562111.63
          4326886.05        0.00447
3743      563911.63    4326886.05        0.00725                      564011.63
          4326886.05        0.00509
3744      564111.63    4326886.05        0.00429                      564211.63
          4326886.05        0.00379
3745      564311.63    4326886.05        0.00344                      564411.63
          4326886.05        0.00315
3746      564511.63    4326886.05        0.00290                      562111.63
          4326986.05        0.00502
3747      564011.63    4326986.05        0.00702                      564111.63
          4326986.05        0.00538
3748      564211.63    4326986.05        0.00475                      564311.63
          4326986.05        0.00424
3749      564411.63    4326986.05        0.00376                      564511.63
          4326986.05        0.00340
3750      562111.63    4327086.05        0.00546                      564311.63
          4327086.05        0.00603
3751  FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                        ***       11/14/24
3752   *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                        ***       11:46:05
3753
                                 PAGE  71
3754   *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
3755
3756                     *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                        YEARS FOR SOURCE GROUP: ALL      ***
3757                                 INCLUDING SOURCE(S):     PAREA1      ,
3758
3759                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***
3760
3761                                       ** CONC OF DPM      IN
                                          MICROGRAMS/M**3                          **
3762
3763         X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)   Y-COORD
             (M)        CONC
3764    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
    - - - - - - - - - - - - - - - - - - - -
3765          564411.63    4327086.05        0.00500                      564511.63
              4327086.05        0.00453
3766          562111.63    4327186.05        0.00590                      562111.63
              4327286.05        0.00651
3767          562111.63    4327386.05        0.00671                      562111.63
              4327486.05        0.00685
3768          562111.63    4327586.05        0.00694                      562111.63
              4327686.05        0.00708
```

3769	562111.63	4327786.05	0.00702	562111.63
	4327886.05	0.00683		
3770	562111.63	4327986.05	0.00660	562111.63
	4328086.05	0.00651		
3771	562111.63	4328186.05	0.00597	562111.63
	4328286.05	0.00523		
3772	562211.63	4328286.05	0.00820	562311.63
	4328286.05	0.00896		
3773	562411.63	4328286.05	0.00943	562511.63
	4328286.05	0.00931		
3774	562611.63	4328286.05	0.00989	562711.63
	4328286.05	0.00999		
3775	562811.63	4328286.05	0.01003	562911.63
	4328286.05	0.01016		
3776	563011.63	4328286.05	0.01016	563111.63
	4328286.05	0.01017		
3777	563211.63	4328286.05	0.01018	563311.63
	4328286.05	0.01003		
3778	563411.63	4328286.05	0.01004	563511.63
	4328286.05	0.00944		
3779	563611.63	4328286.05	0.00985	563711.63
	4328286.05	0.00919		
3780	563811.63	4328286.05	0.00971	563911.63
	4328286.05	0.00949		
3781	564011.63	4328286.05	0.00833	564111.63
	4328286.05	0.00783		
3782	564211.63	4328286.05	0.00766	564311.63
	4328286.05	0.00790		
3783	564411.63	4328286.05	0.00667	564511.63
	4328286.05	0.00501		
3784	560111.63	4324586.05	0.00001	560211.63
	4324586.05	0.00001		
3785	560311.63	4324586.05	0.00001	560411.63
	4324586.05	0.00001		
3786	560511.63	4324586.05	0.00001	560611.63
	4324586.05	0.00001		
3787	560711.63	4324586.05	0.00001	560811.63
	4324586.05	0.00002		
3788	560911.63	4324586.05	0.00003	561011.63
	4324586.05	0.00003		
3789	561111.63	4324586.05	0.00004	561211.63
	4324586.05	0.00004		
3790	561311.63	4324586.05	0.00005	561411.63
	4324586.05	0.00006		
3791	561511.63	4324586.05	0.00003	561611.63
	4324586.05	0.00004		
3792	561711.63	4324586.05	0.00003	561811.63
	4324586.05	0.00007		
3793	561911.63	4324586.05	0.00008	562011.63
	4324586.05	0.00007		
3794	562111.63	4324586.05	0.00008	562211.63
	4324586.05	0.00005		
3795	562311.63	4324586.05	0.00004	562411.63
	4324586.05	0.00003		
3796	562511.63	4324586.05	0.00006	562611.63
	4324586.05	0.00004		
3797	562711.63	4324586.05	0.00003	562811.63
	4324586.05	0.00005		
3798	562911.63	4324586.05	0.00007	563011.63
	4324586.05	0.00006		
3799	563111.63	4324586.05	0.00007	563211.63
	4324586.05	0.00006		
3800	563311.63	4324586.05	0.00008	563411.63
	4324586.05	0.00005		
3801	563511.63	4324586.05	0.00006	563611.63
	4324586.05	0.00012		

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
563711.63	4324586.05	0.00007	563811.63	4324586.05	0.00006
563911.63	4324586.05	0.00005	564011.63	4324586.05	0.00010
564111.63	4324586.05	0.00015	564211.63	4324586.05	0.00017
564311.63	4324586.05	0.00009	564411.63	4324586.05	0.00030
564511.63	4324586.05	0.00036	564611.63	4324586.05	0.00037
564711.63	4324586.05	0.00032	564811.63	4324586.05	0.00010
564911.63	4324586.05	0.00024	565011.63	4324586.05	0.00019
565111.63	4324586.05	0.00009	565211.63	4324586.05	0.00022
565311.63	4324586.05	0.00012	565411.63	4324586.05	0.00011
565511.63	4324586.05	0.00011	565611.63	4324586.05	0.00011
565711.63	4324586.05	0.00011	565811.63	4324586.05	0.00011
565911.63	4324586.05	0.00013	566011.63	4324586.05	0.00011
566111.63	4324586.05	0.00010	566211.63	4324586.05	0.00011
566311.63	4324586.05	0.00011	566411.63	4324586.05	0.00012
566511.63	4324586.05	0.00011	560111.63	4324686.05	0.00001
560211.63	4324686.05	0.00001	560311.63	4324686.05	0.00001
560411.63	4324686.05	0.00001	560511.63	4324686.05	0.00001
560611.63	4324686.05	0.00001	560711.63	4324686.05	0.00001
560811.63	4324686.05	0.00002	560911.63	4324686.05	0.00003
561011.63	4324686.05	0.00004	561111.63	4324686.05	0.00004
561211.63	4324686.05	0.00004	561311.63	4324686.05	0.00005
561411.63	4324686.05	0.00006	561511.63	4324686.05	0.00005
561611.63	4324686.05	0.00007	561711.63		

```
          4324686.05        0.00003
3839      561811.63    4324686.05        0.00008                    561911.63
          4324686.05        0.00009
3840      562011.63    4324686.05        0.00008                    562111.63
          4324686.05        0.00008
3841      562211.63    4324686.05        0.00007                    562311.63
          4324686.05        0.00004
3842      562411.63    4324686.05        0.00004                    562511.63
          4324686.05        0.00004
3843      562611.63    4324686.05        0.00007                    562711.63
          4324686.05        0.00005
3844      562811.63    4324686.05        0.00004                    562911.63
          4324686.05        0.00006
3845      563011.63    4324686.05        0.00007                    563111.63
          4324686.05        0.00010
3846      563211.63    4324686.05        0.00011                    563311.63
          4324686.05        0.00013
3847      563411.63    4324686.05        0.00012                    563511.63
          4324686.05        0.00011
3848      563611.63    4324686.05        0.00013                    563711.63
          4324686.05        0.00006
3849      563811.63    4324686.05        0.00012                    563911.63
          4324686.05        0.00009
3850      564011.63    4324686.05        0.00008                    564111.63
          4324686.05        0.00007
3851      564211.63    4324686.05        0.00008                    564311.63
          4324686.05        0.00023
3852      564411.63    4324686.05        0.00012                    564511.63
          4324686.05        0.00041
3853      564611.63    4324686.05        0.00040                    564711.63
          4324686.05        0.00040
3854      564811.63    4324686.05        0.00031                    564911.63
          4324686.05        0.00037
3855      565011.63    4324686.05        0.00011                    565111.63
          4324686.05        0.00010
3856      565211.63    4324686.05        0.00026                    565311.63
          4324686.05        0.00011
3857      565411.63    4324686.05        0.00015                    565511.63
          4324686.05        0.00011
3858      565611.63    4324686.05        0.00011                    565711.63
          4324686.05        0.00010
3859  FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                        ***        11/14/24
3860   *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                    ***       11:46:05
3861
                                PAGE  73
3862   *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
3863
3864                     *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                        YEARS FOR SOURCE GROUP: ALL      ***
3865                                INCLUDING SOURCE(S):     PAREA1      ,
3866
3867                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***
3868
3869                                       ** CONC OF DPM      IN
                                          MICROGRAMS/M**3                          **
3870
3871          X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD
              (M)        CONC
3872    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
3873          565811.63    4324686.05        0.00011                    565911.63
              4324686.05        0.00012
3874          566011.63    4324686.05        0.00015                    566111.63
              4324686.05        0.00012
```

3875	566211.63	4324686.05	0.00011	566311.63
	4324686.05	0.00011		
3876	566411.63	4324686.05	0.00011	566511.63
	4324686.05	0.00012		
3877	560111.63	4324786.05	0.00001	560211.63
	4324786.05	0.00001		
3878	560311.63	4324786.05	0.00001	560411.63
	4324786.05	0.00001		
3879	560511.63	4324786.05	0.00001	560611.63
	4324786.05	0.00001		
3880	560711.63	4324786.05	0.00001	560811.63
	4324786.05	0.00003		
3881	560911.63	4324786.05	0.00003	561011.63
	4324786.05	0.00004		
3882	561111.63	4324786.05	0.00005	561211.63
	4324786.05	0.00006		
3883	561311.63	4324786.05	0.00003	561411.63
	4324786.05	0.00005		
3884	561511.63	4324786.05	0.00008	561611.63
	4324786.05	0.00009		
3885	561711.63	4324786.05	0.00003	561811.63
	4324786.05	0.00009		
3886	561911.63	4324786.05	0.00010	562011.63
	4324786.05	0.00009		
3887	562111.63	4324786.05	0.00006	562211.63
	4324786.05	0.00006		
3888	562311.63	4324786.05	0.00005	562411.63
	4324786.05	0.00006		
3889	562511.63	4324786.05	0.00004	562611.63
	4324786.05	0.00005		
3890	562711.63	4324786.05	0.00008	562811.63
	4324786.05	0.00006		
3891	562911.63	4324786.05	0.00005	563011.63
	4324786.05	0.00005		
3892	563111.63	4324786.05	0.00006	563211.63
	4324786.05	0.00005		
3893	563311.63	4324786.05	0.00009	563411.63
	4324786.05	0.00010		
3894	563511.63	4324786.05	0.00015	563611.63
	4324786.05	0.00023		
3895	563711.63	4324786.05	0.00009	563811.63
	4324786.05	0.00009		
3896	563911.63	4324786.05	0.00018	564011.63
	4324786.05	0.00012		
3897	564111.63	4324786.05	0.00012	564211.63
	4324786.05	0.00009		
3898	564311.63	4324786.05	0.00032	564411.63
	4324786.05	0.00012		
3899	564511.63	4324786.05	0.00014	564611.63
	4324786.05	0.00044		
3900	564711.63	4324786.05	0.00045	564811.63
	4324786.05	0.00046		
3901	564911.63	4324786.05	0.00034	565011.63
	4324786.05	0.00017		
3902	565111.63	4324786.05	0.00022	565211.63
	4324786.05	0.00016		
3903	565311.63	4324786.05	0.00014	565411.63
	4324786.05	0.00014		
3904	565511.63	4324786.05	0.00012	565611.63
	4324786.05	0.00012		
3905	565711.63	4324786.05	0.00012	565811.63
	4324786.05	0.00014		
3906	565911.63	4324786.05	0.00014	566011.63
	4324786.05	0.00014		
3907	566111.63	4324786.05	0.00016	566211.63
	4324786.05	0.00017		

```
          566311.63    4324786.05        0.00017                        566411.63
          4324786.05        0.00016
          566511.63    4324786.05        0.00014                        560111.63
          4324886.05        0.00001
          560211.63    4324886.05        0.00001                        560311.63
          4324886.05        0.00001
          560411.63    4324886.05        0.00001                        560511.63
          4324886.05        0.00001
          560611.63    4324886.05        0.00001                        560711.63
          4324886.05        0.00002
FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
DPM                          ***        11/14/24
 *** AERMET - VERSION  19191 ***   *** Met data: Oroville
 2015-2019                                          ***        11:46:05

                                PAGE  74
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                   YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     PAREA1      ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                  ** CONC OF DPM      IN
                                                  MICROGRAMS/M**3                          **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)   Y-COORD
       (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
          560811.63    4324886.05        0.00003                        560911.63
          4324886.05        0.00004
          561011.63    4324886.05        0.00005                        561111.63
          4324886.05        0.00006
          561211.63    4324886.05        0.00007                        561311.63
          4324886.05        0.00003
          561411.63    4324886.05        0.00003                        561511.63
          4324886.05        0.00006
          561611.63    4324886.05        0.00011                        561711.63
          4324886.05        0.00008
          561811.63    4324886.05        0.00010                        561911.63
          4324886.05        0.00012
          562011.63    4324886.05        0.00009                        562111.63
          4324886.05        0.00006
          562211.63    4324886.05        0.00007                        562311.63
          4324886.05        0.00006
          562411.63    4324886.05        0.00006                        562511.63
          4324886.05        0.00006
          562611.63    4324886.05        0.00004                        562711.63
          4324886.05        0.00007
          562811.63    4324886.05        0.00009                        562911.63
          4324886.05        0.00006
          563011.63    4324886.05        0.00006                        563111.63
          4324886.05        0.00006
          563211.63    4324886.05        0.00007                        563311.63
          4324886.05        0.00009
          563411.63    4324886.05        0.00013                        563511.63
          4324886.05        0.00007
          563611.63    4324886.05        0.00012                        563711.63
          4324886.05        0.00029
          563811.63    4324886.05        0.00010                        563911.63
          4324886.05        0.00014
          564011.63    4324886.05        0.00029                        564111.63
          4324886.05        0.00023
          564211.63    4324886.05        0.00010                        564311.63
```

```
                4324886.05        0.00026
3945            564411.63    4324886.05        0.00041                        564511.63
                4324886.05        0.00023
3946            564611.63    4324886.05        0.00037                        564711.63
                4324886.05        0.00049
3947            564811.63    4324886.05        0.00049                        564911.63
                4324886.05        0.00047
3948            565011.63    4324886.05        0.00022                        565111.63
                4324886.05        0.00040
3949            565211.63    4324886.05        0.00023                        565311.63
                4324886.05        0.00019
3950            565411.63    4324886.05        0.00013                        565511.63
                4324886.05        0.00014
3951            565611.63    4324886.05        0.00012                        565711.63
                4324886.05        0.00013
3952            565811.63    4324886.05        0.00012                        565911.63
                4324886.05        0.00013
3953            566011.63    4324886.05        0.00013                        566111.63
                4324886.05        0.00013
3954            566211.63    4324886.05        0.00016                        566311.63
                4324886.05        0.00017
3955            566411.63    4324886.05        0.00015                        566511.63
                4324886.05        0.00020
3956            560111.63    4324986.05        0.00001                        560211.63
                4324986.05        0.00001
3957            560311.63    4324986.05        0.00001                        560411.63
                4324986.05        0.00001
3958            560511.63    4324986.05        0.00001                        560611.63
                4324986.05        0.00001
3959            560711.63    4324986.05        0.00002                        560811.63
                4324986.05        0.00003
3960            560911.63    4324986.05        0.00003                        561011.63
                4324986.05        0.00005
3961            561111.63    4324986.05        0.00007                        561211.63
                4324986.05        0.00008
3962            561311.63    4324986.05        0.00003                        561411.63
                4324986.05        0.00004
3963            561511.63    4324986.05        0.00004                        561611.63
                4324986.05        0.00012
3964            561711.63    4324986.05        0.00013                        561811.63
                4324986.05        0.00013
3965            561911.63    4324986.05        0.00013                        562011.63
                4324986.05        0.00012
3966            562111.63    4324986.05        0.00010                        562211.63
                4324986.05        0.00007
3967  FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                        ***        11/14/24
3968   *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                          ***        11:46:05
3969
                                  PAGE  75
3970   *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
3971
3972                     *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                         YEARS FOR SOURCE GROUP: ALL      ***
3973                                INCLUDING SOURCE(S):     PAREA1      ,
3974
3975                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***
3976
3977                                       ** CONC OF DPM      IN
                                          MICROGRAMS/M**3                           **
3978
3979          X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)   Y-COORD
              (M)        CONC
3980    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      - - - - - - - - - - - - - - - - - - -
```

3981	562311.63	4324986.05	0.00006	562411.63
	4324986.05	0.00009		
3982	562511.63	4324986.05	0.00006	562611.63
	4324986.05	0.00007		
3983	562711.63	4324986.05	0.00006	562811.63
	4324986.05	0.00010		
3984	562911.63	4324986.05	0.00012	563011.63
	4324986.05	0.00012		
3985	563111.63	4324986.05	0.00012	563211.63
	4324986.05	0.00012		
3986	563311.63	4324986.05	0.00018	563411.63
	4324986.05	0.00024		
3987	563511.63	4324986.05	0.00026	563611.63
	4324986.05	0.00027		
3988	563711.63	4324986.05	0.00027	563811.63
	4324986.05	0.00036		
3989	563911.63	4324986.05	0.00032	564011.63
	4324986.05	0.00032		
3990	564111.63	4324986.05	0.00036	564211.63
	4324986.05	0.00034		
3991	564311.63	4324986.05	0.00044	564411.63
	4324986.05	0.00048		
3992	564511.63	4324986.05	0.00050	564611.63
	4324986.05	0.00052		
3993	564711.63	4324986.05	0.00053	564811.63
	4324986.05	0.00054		
3994	564911.63	4324986.05	0.00053	565011.63
	4324986.05	0.00052		
3995	565111.63	4324986.05	0.00041	565211.63
	4324986.05	0.00039		
3996	565311.63	4324986.05	0.00016	565411.63
	4324986.05	0.00020		
3997	565511.63	4324986.05	0.00016	565611.63
	4324986.05	0.00015		
3998	565711.63	4324986.05	0.00016	565811.63
	4324986.05	0.00016		
3999	565911.63	4324986.05	0.00014	566011.63
	4324986.05	0.00014		
4000	566111.63	4324986.05	0.00015	566211.63
	4324986.05	0.00013		
4001	566311.63	4324986.05	0.00013	566411.63
	4324986.05	0.00015		
4002	566511.63	4324986.05	0.00012	560111.63
	4325086.05	0.00001		
4003	560211.63	4325086.05	0.00001	560311.63
	4325086.05	0.00001		
4004	560411.63	4325086.05	0.00001	560511.63
	4325086.05	0.00001		
4005	560611.63	4325086.05	0.00001	560711.63
	4325086.05	0.00002		
4006	560811.63	4325086.05	0.00003	560911.63
	4325086.05	0.00005		
4007	561011.63	4325086.05	0.00007	561111.63
	4325086.05	0.00008		
4008	561211.63	4325086.05	0.00008	561311.63
	4325086.05	0.00003		
4009	561411.63	4325086.05	0.00005	561511.63
	4325086.05	0.00005		
4010	561611.63	4325086.05	0.00007	561711.63
	4325086.05	0.00016		
4011	561811.63	4325086.05	0.00016	561911.63
	4325086.05	0.00016		
4012	562011.63	4325086.05	0.00010	562111.63
	4325086.05	0.00007		
4013	562211.63	4325086.05	0.00008	562311.63
	4325086.05	0.00009		

```
          562411.63    4325086.05        0.00011                      562511.63
          4325086.05        0.00010
          562611.63    4325086.05        0.00007                      562711.63
          4325086.05        0.00012
          562811.63    4325086.05        0.00008                      562911.63
          4325086.05        0.00007
          563011.63    4325086.05        0.00011                      563111.63
          4325086.05        0.00017
          563211.63    4325086.05        0.00017                      563311.63
          4325086.05        0.00015
          563411.63    4325086.05        0.00012                      563511.63
          4325086.05        0.00013
          563611.63    4325086.05        0.00015                      563711.63
          4325086.05        0.00017
FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
DPM                          ***        11/14/24
 *** AERMET - VERSION  19191 ***   *** Met data: Oroville
 2015-2019                                          ***       11:46:05

                                PAGE  76
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                   YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     PAREA1      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF DPM      IN
                                     MICROGRAMS/M**3                          **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD
       (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
          563811.63    4325086.05        0.00029                      563911.63
          4325086.05        0.00036
          564011.63    4325086.05        0.00024                      564111.63
          4325086.05        0.00045
          564211.63    4325086.05        0.00047                      564311.63
          4325086.05        0.00050
          564411.63    4325086.05        0.00049                      564511.63
          4325086.05        0.00041
          564611.63    4325086.05        0.00038                      564711.63
          4325086.05        0.00054
          564811.63    4325086.05        0.00058                      564911.63
          4325086.05        0.00060
          565011.63    4325086.05        0.00059                      565111.63
          4325086.05        0.00048
          565211.63    4325086.05        0.00025                      565311.63
          4325086.05        0.00045
          565411.63    4325086.05        0.00018                      565511.63
          4325086.05        0.00016
          565611.63    4325086.05        0.00027                      565711.63
          4325086.05        0.00018
          565811.63    4325086.05        0.00026                      565911.63
          4325086.05        0.00016
          566011.63    4325086.05        0.00014                      566111.63
          4325086.05        0.00014
          566211.63    4325086.05        0.00014                      566311.63
          4325086.05        0.00012
          566411.63    4325086.05        0.00012                      566511.63
          4325086.05        0.00015
          560111.63    4325186.05        0.00001                      560211.63
          4325186.05        0.00001
          560311.63    4325186.05        0.00001                      560411.63
```

```
                4325186.05       0.00001
4051            560511.63    4325186.05       0.00001                    560611.63
                4325186.05       0.00001
4052            560711.63    4325186.05       0.00002                    560811.63
                4325186.05       0.00003
4053            560911.63    4325186.05       0.00003                    561011.63
                4325186.05       0.00005
4054            561111.63    4325186.05       0.00009                    561211.63
                4325186.05       0.00005
4055            561311.63    4325186.05       0.00004                    561411.63
                4325186.05       0.00005
4056            561511.63    4325186.05       0.00010                    561611.63
                4325186.05       0.00012
4057            561711.63    4325186.05       0.00017                    561811.63
                4325186.05       0.00018
4058            561911.63    4325186.05       0.00019                    562011.63
                4325186.05       0.00017
4059            562111.63    4325186.05       0.00016                    562211.63
                4325186.05       0.00014
4060            562311.63    4325186.05       0.00012                    562411.63
                4325186.05       0.00009
4061            562511.63    4325186.05       0.00009                    562611.63
                4325186.05       0.00009
4062            562711.63    4325186.05       0.00019                    562811.63
                4325186.05       0.00013
4063            562911.63    4325186.05       0.00012                    563011.63
                4325186.05       0.00015
4064            563111.63    4325186.05       0.00014                    563211.63
                4325186.05       0.00010
4065            563311.63    4325186.05       0.00010                    563411.63
                4325186.05       0.00009
4066            563511.63    4325186.05       0.00015                    563611.63
                4325186.05       0.00014
4067            563711.63    4325186.05       0.00018                    563811.63
                4325186.05       0.00030
4068            563911.63    4325186.05       0.00017                    564011.63
                4325186.05       0.00020
4069            564111.63    4325186.05       0.00031                    564211.63
                4325186.05       0.00024
4070            564311.63    4325186.05       0.00043                    564411.63
                4325186.05       0.00043
4071            564511.63    4325186.05       0.00022                    564611.63
                4325186.05       0.00019
4072            564711.63    4325186.05       0.00048                    564811.63
                4325186.05       0.00051
4073            564911.63    4325186.05       0.00062                    565011.63
                4325186.05       0.00065
4074            565111.63    4325186.05       0.00065                    565211.63
                4325186.05       0.00057
4075  FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                        ***       11/14/24
4076   *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                          ***       11:46:05
4077
                                 PAGE  77
4078   *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
4079
4080                     *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                         YEARS FOR SOURCE GROUP: ALL      ***
4081                                INCLUDING SOURCE(S):     PAREA1      ,
4082
4083                                     *** DISCRETE CARTESIAN RECEPTOR POINTS ***
4084
4085                                   ** CONC OF DPM      IN
                                       MICROGRAMS/M**3                          **
4086
```

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565311.63	4325186.05	0.00059	565411.63	4325186.05	0.00030
565511.63	4325186.05	0.00020	565611.63	4325186.05	0.00019
565711.63	4325186.05	0.00051	565811.63	4325186.05	0.00038
565911.63	4325186.05	0.00018	566011.63	4325186.05	0.00020
566111.63	4325186.05	0.00019	566211.63	4325186.05	0.00014
566311.63	4325186.05	0.00014	566411.63	4325186.05	0.00014
566511.63	4325186.05	0.00014	560111.63	4325286.05	0.00001
560211.63	4325286.05	0.00001	560311.63	4325286.05	0.00001
560411.63	4325286.05	0.00001	560511.63	4325286.05	0.00001
560611.63	4325286.05	0.00002	560711.63	4325286.05	0.00004
560811.63	4325286.05	0.00004	560911.63	4325286.05	0.00003
561011.63	4325286.05	0.00007	561111.63	4325286.05	0.00011
561211.63	4325286.05	0.00005	561311.63	4325286.05	0.00005
561411.63	4325286.05	0.00006	561511.63	4325286.05	0.00011
561611.63	4325286.05	0.00017	561711.63	4325286.05	0.00021
561811.63	4325286.05	0.00020	561911.63	4325286.05	0.00022
562011.63	4325286.05	0.00021	562111.63	4325286.05	0.00009
562211.63	4325286.05	0.00010	562311.63	4325286.05	0.00011
562411.63	4325286.05	0.00015	562511.63	4325286.05	0.00020
562611.63	4325286.05	0.00023	562711.63	4325286.05	0.00025
562811.63	4325286.05	0.00019	562911.63	4325286.05	0.00014
563011.63	4325286.05	0.00011	563111.63	4325286.05	0.00010
563211.63	4325286.05	0.00011	563311.63	4325286.05	0.00009
563411.63	4325286.05	0.00011	563511.63	4325286.05	0.00017
563611.63	4325286.05	0.00011	563711.63	4325286.05	0.00017
563811.63	4325286.05	0.00026	563911.63	4325286.05	0.00013
564011.63	4325286.05	0.00021	564111.63	4325286.05	0.00018
564211.63	4325286.05	0.00024	564311.63	4325286.05	0.00041
564411.63	4325286.05	0.00026	564511.63	4325286.05	0.00018
564611.63	4325286.05	0.00021	564711.63	4325286.05	0.00023
564811.63	4325286.05	0.00028	564911.63	4325286.05	0.00059

```
4120          565011.63    4325286.05        0.00070                      565111.63
              4325286.05        0.00070
4121          565211.63    4325286.05        0.00070                      565311.63
              4325286.05        0.00056
4122          565411.63    4325286.05        0.00048                      565511.63
              4325286.05        0.00040
4123          565611.63    4325286.05        0.00028                      565711.63
              4325286.05        0.00047
4124          565811.63    4325286.05        0.00051                      565911.63
              4325286.05        0.00042
4125          566011.63    4325286.05        0.00018                      566111.63
              4325286.05        0.00016
4126          566211.63    4325286.05        0.00015                      566311.63
              4325286.05        0.00018
4127          566411.63    4325286.05        0.00015                      566511.63
              4325286.05        0.00018
4128          560111.63    4325386.05        0.00001                      560211.63
              4325386.05        0.00001
4129  FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                          ***        11/14/24
4130   *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                        ***        11:46:05
4131
                                  PAGE  78
4132   *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
4133
4134                     *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                         YEARS FOR SOURCE GROUP: ALL      ***
4135                                INCLUDING SOURCE(S):     PAREA1      ,
4136
4137                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***
4138
4139                                               ** CONC OF DPM      IN
                                                   MICROGRAMS/M**3                          **
4140
4141        X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)   Y-COORD
            (M)        CONC
4142    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - -
4143          560311.63    4325386.05        0.00001                      560411.63
              4325386.05        0.00001
4144          560511.63    4325386.05        0.00001                      560611.63
              4325386.05        0.00004
4145          560711.63    4325386.05        0.00006                      560811.63
              4325386.05        0.00008
4146          560911.63    4325386.05        0.00010                      561011.63
              4325386.05        0.00011
4147          561111.63    4325386.05        0.00014                      561211.63
              4325386.05        0.00012
4148          561311.63    4325386.05        0.00006                      561411.63
              4325386.05        0.00008
4149          561511.63    4325386.05        0.00010                      561611.63
              4325386.05        0.00010
4150          561711.63    4325386.05        0.00024                      561811.63
              4325386.05        0.00024
4151          561911.63    4325386.05        0.00025                      562011.63
              4325386.05        0.00020
4152          562111.63    4325386.05        0.00011                      562211.63
              4325386.05        0.00010
4153          562311.63    4325386.05        0.00010                      562411.63
              4325386.05        0.00015
4154          562511.63    4325386.05        0.00011                      562611.63
              4325386.05        0.00014
4155          562711.63    4325386.05        0.00030                      562811.63
              4325386.05        0.00009
4156          562911.63    4325386.05        0.00015                      563011.63
```

```
                4325386.05        0.00009
4157            563111.63    4325386.05        0.00011                    563211.63
                4325386.05        0.00012
4158            563311.63    4325386.05        0.00010                    563411.63
                4325386.05        0.00012
4159            563511.63    4325386.05        0.00012                    563611.63
                4325386.05        0.00011
4160            563711.63    4325386.05        0.00014                    563811.63
                4325386.05        0.00021
4161            563911.63    4325386.05        0.00017                    564011.63
                4325386.05        0.00029
4162            564111.63    4325386.05        0.00016                    564211.63
                4325386.05        0.00019
4163            564311.63    4325386.05        0.00033                    564411.63
                4325386.05        0.00016
4164            564511.63    4325386.05        0.00022                    564611.63
                4325386.05        0.00022
4165            564711.63    4325386.05        0.00017                    564811.63
                4325386.05        0.00026
4166            564911.63    4325386.05        0.00027                    565011.63
                4325386.05        0.00064
4167            565111.63    4325386.05        0.00075                    565211.63
                4325386.05        0.00075
4168            565311.63    4325386.05        0.00074                    565411.63
                4325386.05        0.00071
4169            565511.63    4325386.05        0.00054                    565611.63
                4325386.05        0.00049
4170            565711.63    4325386.05        0.00069                    565811.63
                4325386.05        0.00024
4171            565911.63    4325386.05        0.00021                    566011.63
                4325386.05        0.00019
4172            566111.63    4325386.05        0.00021                    566211.63
                4325386.05        0.00022
4173            566311.63    4325386.05        0.00025                    566411.63
                4325386.05        0.00015
4174            566511.63    4325386.05        0.00016                    560111.63
                4325486.05        0.00001
4175            560211.63    4325486.05        0.00001                    560311.63
                4325486.05        0.00002
4176            560411.63    4325486.05        0.00002                    560511.63
                4325486.05        0.00002
4177            560611.63    4325486.05        0.00005                    560711.63
                4325486.05        0.00007
4178            560811.63    4325486.05        0.00007                    560911.63
                4325486.05        0.00009
4179            561011.63    4325486.05        0.00012                    561111.63
                4325486.05        0.00014
4180            561211.63    4325486.05        0.00017                    561311.63
                4325486.05        0.00017
4181            561411.63    4325486.05        0.00008                    561511.63
                4325486.05        0.00010
4182            561611.63    4325486.05        0.00009                    561711.63
                4325486.05        0.00021
4183  FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                         ***        11/14/24
4184   *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                        ***       11:46:05
4185
                                  PAGE  79
4186   *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
4187
4188                     *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                         YEARS FOR SOURCE GROUP: ALL      ***
4189                                  INCLUDING SOURCE(S):     PAREA1      ,
4190
4191                                              *** DISCRETE CARTESIAN RECEPTOR POINTS ***
```

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
561811.63	4325486.05	0.00027	561911.63	4325486.05	0.00030
562011.63	4325486.05	0.00031	562111.63	4325486.05	0.00012
562211.63	4325486.05	0.00016	562311.63	4325486.05	0.00018
562411.63	4325486.05	0.00018	562511.63	4325486.05	0.00013
562611.63	4325486.05	0.00029	562711.63	4325486.05	0.00033
562811.63	4325486.05	0.00014	562911.63	4325486.05	0.00022
563011.63	4325486.05	0.00010	563111.63	4325486.05	0.00010
563211.63	4325486.05	0.00021	563311.63	4325486.05	0.00010
563411.63	4325486.05	0.00013	563511.63	4325486.05	0.00015
563611.63	4325486.05	0.00019	563711.63	4325486.05	0.00022
563811.63	4325486.05	0.00018	563911.63	4325486.05	0.00025
564011.63	4325486.05	0.00018	564111.63	4325486.05	0.00021
564211.63	4325486.05	0.00022	564311.63	4325486.05	0.00021
564411.63	4325486.05	0.00017	564511.63	4325486.05	0.00017
564611.63	4325486.05	0.00022	564711.63	4325486.05	0.00021
564811.63	4325486.05	0.00021	564911.63	4325486.05	0.00032
565011.63	4325486.05	0.00031	565111.63	4325486.05	0.00046
565211.63	4325486.05	0.00079	565311.63	4325486.05	0.00078
565411.63	4325486.05	0.00077	565511.63	4325486.05	0.00076
565611.63	4325486.05	0.00074	565711.63	4325486.05	0.00073
565811.63	4325486.05	0.00063	565911.63	4325486.05	0.00035
566011.63	4325486.05	0.00023	566111.63	4325486.05	0.00036
566211.63	4325486.05	0.00046	566311.63	4325486.05	0.00017
566411.63	4325486.05	0.00016	566511.63	4325486.05	0.00019
560111.63	4325586.05	0.00001	560211.63	4325586.05	0.00001
560311.63	4325586.05	0.00001	560411.63	4325586.05	0.00002
560511.63	4325586.05	0.00002	560611.63	4325586.05	0.00006
560711.63	4325586.05	0.00008	560811.63	4325586.05	0.00007
560911.63	4325586.05	0.00010	561011.63	4325586.05	0.00015

```
4226           561111.63    4325586.05        0.00014                      561211.63
               4325586.05         0.00020
4227           561311.63    4325586.05        0.00024                      561411.63
               4325586.05         0.00025
4228           561511.63    4325586.05        0.00029                      561611.63
               4325586.05         0.00031
4229           561711.63    4325586.05        0.00036                      561811.63
               4325586.05         0.00033
4230           561911.63    4325586.05        0.00034                      562011.63
               4325586.05         0.00035
4231           562111.63    4325586.05        0.00039                      562211.63
               4325586.05         0.00014
4232           562311.63    4325586.05        0.00031                      562411.63
               4325586.05         0.00022
4233           562511.63    4325586.05        0.00012                      562611.63
               4325586.05         0.00039
4234           562711.63    4325586.05        0.00043                      562811.63
               4325586.05         0.00024
4235           562911.63    4325586.05        0.00022                      563011.63
               4325586.05         0.00014
4236           563111.63    4325586.05        0.00025                      563211.63
               4325586.05         0.00020
4237   FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
       DPM                          ***        11/14/24
4238    *** AERMET - VERSION  19191 ***   *** Met data: Oroville
        2015-2019                                        ***        11:46:05
4239
                                    PAGE  80
4240    *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
4241
4242                      *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                          YEARS FOR SOURCE GROUP: ALL      ***
4243                                 INCLUDING SOURCE(S):     PAREA1      ,
4244
4245                                              *** DISCRETE CARTESIAN RECEPTOR POINTS ***
4246
4247                                           ** CONC OF DPM      IN
                                               MICROGRAMS/M**3                          **
4248
4249          X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)   Y-COORD
              (M)        CONC
4250   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
4251           563311.63    4325586.05        0.00019                      563411.63
               4325586.05         0.00015
4252           563511.63    4325586.05        0.00015                      563611.63
               4325586.05         0.00016
4253           563711.63    4325586.05        0.00024                      563811.63
               4325586.05         0.00038
4254           563911.63    4325586.05        0.00027                      564011.63
               4325586.05         0.00020
4255           564111.63    4325586.05        0.00020                      564211.63
               4325586.05         0.00020
4256           564311.63    4325586.05        0.00031                      564411.63
               4325586.05         0.00022
4257           564511.63    4325586.05        0.00028                      564611.63
               4325586.05         0.00031
4258           564711.63    4325586.05        0.00035                      564811.63
               4325586.05         0.00030
4259           564911.63    4325586.05        0.00024                      565011.63
               4325586.05         0.00030
4260           565111.63    4325586.05        0.00024                      565211.63
               4325586.05         0.00073
4261           565311.63    4325586.05        0.00083                      565411.63
               4325586.05         0.00082
4262           565511.63    4325586.05        0.00080                      565611.63
```

```
          4325586.05       0.00078
4263      565711.63   4325586.05       0.00077                    565811.63
          4325586.05       0.00075
4264      565911.63   4325586.05       0.00072                    566011.63
          4325586.05       0.00068
4265      566111.63   4325586.05       0.00064                    566211.63
          4325586.05       0.00045
4266      566311.63   4325586.05       0.00030                    566411.63
          4325586.05       0.00027
4267      566511.63   4325586.05       0.00022                    560111.63
          4325686.05       0.00001
4268      560211.63   4325686.05       0.00001                    560311.63
          4325686.05       0.00002
4269      560411.63   4325686.05       0.00002                    560511.63
          4325686.05       0.00003
4270      560611.63   4325686.05       0.00006                    560711.63
          4325686.05       0.00009
4271      560811.63   4325686.05       0.00008                    560911.63
          4325686.05       0.00013
4272      561011.63   4325686.05       0.00017                    561111.63
          4325686.05       0.00014
4273      561211.63   4325686.05       0.00020                    561311.63
          4325686.05       0.00026
4274      561411.63   4325686.05       0.00029                    561511.63
          4325686.05       0.00032
4275      561611.63   4325686.05       0.00035                    561711.63
          4325686.05       0.00040
4276      561811.63   4325686.05       0.00040                    561911.63
          4325686.05       0.00042
4277      562011.63   4325686.05       0.00042                    562111.63
          4325686.05       0.00042
4278      562211.63   4325686.05       0.00043                    562311.63
          4325686.05       0.00041
4279      562411.63   4325686.05       0.00033                    562511.63
          4325686.05       0.00044
4280      562611.63   4325686.05       0.00038                    562711.63
          4325686.05       0.00054
4281      562811.63   4325686.05       0.00021                    562911.63
          4325686.05       0.00037
4282      563011.63   4325686.05       0.00018                    563111.63
          4325686.05       0.00018
4283      563211.63   4325686.05       0.00048                    563311.63
          4325686.05       0.00020
4284      563411.63   4325686.05       0.00040                    563511.63
          4325686.05       0.00019
4285      563611.63   4325686.05       0.00028                    563711.63
          4325686.05       0.00038
4286      563811.63   4325686.05       0.00036                    563911.63
          4325686.05       0.00024
4287      564011.63   4325686.05       0.00024                    564111.63
          4325686.05       0.00023
4288      564211.63   4325686.05       0.00026                    564311.63
          4325686.05       0.00023
4289      564411.63   4325686.05       0.00021                    564511.63
          4325686.05       0.00022
4290      564611.63   4325686.05       0.00031                    564711.63
          4325686.05       0.00037
4291 FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
     DPM                      ***        11/14/24
4292  *** AERMET - VERSION  19191 ***   *** Met data: Oroville
      2015-2019                                        ***       11:46:05
4293
                                PAGE  81
4294  *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
4295
4296                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
```

YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
564811.63	4325686.05	0.00055	564911.63	4325686.05	0.00054
565011.63	4325686.05	0.00030	565111.63	4325686.05	0.00027
565211.63	4325686.05	0.00027	565311.63	4325686.05	0.00054
565411.63	4325686.05	0.00081	565511.63	4325686.05	0.00084
565611.63	4325686.05	0.00083	565711.63	4325686.05	0.00081
565811.63	4325686.05	0.00078	565911.63	4325686.05	0.00076
566011.63	4325686.05	0.00074	566111.63	4325686.05	0.00072
566211.63	4325686.05	0.00069	566311.63	4325686.05	0.00066
566411.63	4325686.05	0.00051	566511.63	4325686.05	0.00020
560111.63	4325786.05	0.00001	560211.63	4325786.05	0.00002
560311.63	4325786.05	0.00002	560411.63	4325786.05	0.00002
560511.63	4325786.05	0.00003	560611.63	4325786.05	0.00007
560711.63	4325786.05	0.00010	560811.63	4325786.05	0.00014
560911.63	4325786.05	0.00015	561011.63	4325786.05	0.00018
561111.63	4325786.05	0.00023	561211.63	4325786.05	0.00027
561311.63	4325786.05	0.00033	561411.63	4325786.05	0.00035
561511.63	4325786.05	0.00038	561611.63	4325786.05	0.00041
561711.63	4325786.05	0.00045	561811.63	4325786.05	0.00044
561911.63	4325786.05	0.00047	562011.63	4325786.05	0.00048
562111.63	4325786.05	0.00049	562211.63	4325786.05	0.00050
562311.63	4325786.05	0.00054	562411.63	4325786.05	0.00057
562511.63	4325786.05	0.00059	562611.63	4325786.05	0.00062
562711.63	4325786.05	0.00068	562811.63	4325786.05	0.00028
562911.63	4325786.05	0.00059	563011.63	4325786.05	0.00030
563111.63	4325786.05	0.00045	563211.63	4325786.05	0.00070
563311.63	4325786.05	0.00035	563411.63	4325786.05	0.00056
563511.63	4325786.05	0.00032	563611.63	4325786.05	0.00030

563711.63 4325786.05 0.00057 563811.63 4325786.05 0.00048
563911.63 4325786.05 0.00028 564011.63 4325786.05 0.00024
564111.63 4325786.05 0.00037 564211.63 4325786.05 0.00030
564311.63 4325786.05 0.00035 564411.63 4325786.05 0.00026
564511.63 4325786.05 0.00025 564611.63 4325786.05 0.00024
564711.63 4325786.05 0.00031 564811.63 4325786.05 0.00032
564911.63 4325786.05 0.00078 565011.63 4325786.05 0.00039
565111.63 4325786.05 0.00032 565211.63 4325786.05 0.00036
565311.63 4325786.05 0.00033 565411.63 4325786.05 0.00037
565511.63 4325786.05 0.00041 565611.63 4325786.05 0.00066
565711.63 4325786.05 0.00050 565811.63 4325786.05 0.00074
565911.63 4325786.05 0.00075 566011.63 4325786.05 0.00075
566111.63 4325786.05 0.00074 566211.63 4325786.05 0.00071

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
566311.63	4325786.05	0.00068	566411.63	4325786.05	0.00066
566511.63	4325786.05	0.00063	560111.63	4325886.05	0.00001
560211.63	4325886.05	0.00002	560311.63	4325886.05	0.00002
560411.63	4325886.05	0.00002	560511.63	4325886.05	0.00003
560611.63	4325886.05	0.00008	560711.63	4325886.05	0.00010
560811.63	4325886.05	0.00014	560911.63	4325886.05	0.00017
561011.63	4325886.05	0.00020	561111.63	4325886.05	0.00023
561211.63	4325886.05	0.00028	561311.63	4325886.05	0.00034
561411.63	4325886.05	0.00041	561511.63	4325886.05	0.00043
561611.63	4325886.05	0.00048	561711.63		

```
                4325886.05        0.00050
4369            561811.63    4325886.05        0.00051                    561911.63
                4325886.05        0.00054
4370            562011.63    4325886.05        0.00057                    562111.63
                4325886.05        0.00057
4371            562211.63    4325886.05        0.00062                    562311.63
                4325886.05        0.00061
4372            562411.63    4325886.05        0.00065                    562511.63
                4325886.05        0.00070
4373            562611.63    4325886.05        0.00075                    562711.63
                4325886.05        0.00081
4374            562811.63    4325886.05        0.00082                    562911.63
                4325886.05        0.00077
4375            563011.63    4325886.05        0.00081                    563111.63
                4325886.05        0.00085
4376            563211.63    4325886.05        0.00087                    563311.63
                4325886.05        0.00093
4377            563411.63    4325886.05        0.00077                    563511.63
                4325886.05        0.00036
4378            563611.63    4325886.05        0.00036                    563711.63
                4325886.05        0.00078
4379            563811.63    4325886.05        0.00060                    563911.63
                4325886.05        0.00030
4380            564011.63    4325886.05        0.00046                    564111.63
                4325886.05        0.00055
4381            564211.63    4325886.05        0.00034                    564311.63
                4325886.05        0.00058
4382            564411.63    4325886.05        0.00064                    564511.63
                4325886.05        0.00065
4383            564611.63    4325886.05        0.00062                    564711.63
                4325886.05        0.00076
4384            564811.63    4325886.05        0.00093                    564911.63
                4325886.05        0.00039
4385            565011.63    4325886.05        0.00035                    565111.63
                4325886.05        0.00035
4386            565211.63    4325886.05        0.00055                    565311.63
                4325886.05        0.00064
4387            565411.63    4325886.05        0.00072                    565511.63
                4325886.05        0.00059
4388            565611.63    4325886.05        0.00056                    565711.63
                4325886.05        0.00049
4389            565811.63    4325886.05        0.00059                    565911.63
                4325886.05        0.00072
4390            566011.63    4325886.05        0.00080                    566111.63
                4325886.05        0.00076
4391            566211.63    4325886.05        0.00074                    566311.63
                4325886.05        0.00071
4392            566411.63    4325886.05        0.00066                    566511.63
                4325886.05        0.00065
4393            560111.63    4325986.05        0.00002                    560211.63
                4325986.05        0.00002
4394            560311.63    4325986.05        0.00002                    560411.63
                4325986.05        0.00002
4395            560511.63    4325986.05        0.00005                    560611.63
                4325986.05        0.00009
4396            560711.63    4325986.05        0.00013                    560811.63
                4325986.05        0.00015
4397            560911.63    4325986.05        0.00020                    561011.63
                4325986.05        0.00023
4398            561111.63    4325986.05        0.00028                    561211.63
                4325986.05        0.00032
4399 FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
     DPM                        ***        11/14/24
4400  *** AERMET - VERSION  19191 ***   *** Met data: Oroville
      2015-2019                                        ***       11:46:05
4401
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
561311.63	4325986.05	0.00036	561411.63	4325986.05	0.00044
561511.63	4325986.05	0.00049	561611.63	4325986.05	0.00055
561711.63	4325986.05	0.00057	561811.63	4325986.05	0.00059
561911.63	4325986.05	0.00062	562011.63	4325986.05	0.00064
562111.63	4325986.05	0.00066	562211.63	4325986.05	0.00073
562311.63	4325986.05	0.00068	562411.63	4325986.05	0.00072
562511.63	4325986.05	0.00078	562611.63	4325986.05	0.00085
562711.63	4325986.05	0.00092	562811.63	4325986.05	0.00099
562911.63	4325986.05	0.00105	563011.63	4325986.05	0.00111
563111.63	4325986.05	0.00115	563211.63	4325986.05	0.00115
563311.63	4325986.05	0.00121	563411.63	4325986.05	0.00109
563511.63	4325986.05	0.00076	563611.63	4325986.05	0.00067
563711.63	4325986.05	0.00093	563811.63	4325986.05	0.00038
563911.63	4325986.05	0.00036	564011.63	4325986.05	0.00068
564111.63	4325986.05	0.00075	564211.63	4325986.05	0.00036
564311.63	4325986.05	0.00038	564411.63	4325986.05	0.00039
564511.63	4325986.05	0.00047	564611.63	4325986.05	0.00072
564711.63	4325986.05	0.00118	564811.63	4325986.05	0.00058
564911.63	4325986.05	0.00032	565011.63	4325986.05	0.00039
565111.63	4325986.05	0.00046	565211.63	4325986.05	0.00032
565311.63	4325986.05	0.00043	565411.63	4325986.05	0.00032
565511.63	4325986.05	0.00035	565611.63	4325986.05	0.00051
565711.63	4325986.05	0.00083	565811.63	4325986.05	0.00062
565911.63	4325986.05	0.00065	566011.63	4325986.05	0.00037
566111.63	4325986.05	0.00059	566211.63	4325986.05	0.00074

```
4438          566311.63    4325986.05        0.00049                     566411.63
              4325986.05         0.00070
4439          566511.63    4325986.05        0.00066                     560111.63
              4326086.05         0.00002
4440          560211.63    4326086.05        0.00002                     560311.63
              4326086.05         0.00002
4441          560411.63    4326086.05        0.00003                     560511.63
              4326086.05         0.00006
4442          560611.63    4326086.05        0.00009                     560711.63
              4326086.05         0.00013
4443          560811.63    4326086.05        0.00017                     560911.63
              4326086.05         0.00022
4444          561011.63    4326086.05        0.00026                     561111.63
              4326086.05         0.00032
4445          561211.63    4326086.05        0.00038                     561311.63
              4326086.05         0.00043
4446          561411.63    4326086.05        0.00050                     561511.63
              4326086.05         0.00056
4447          561611.63    4326086.05        0.00062                     561711.63
              4326086.05         0.00066
4448          561811.63    4326086.05        0.00069                     561911.63
              4326086.05         0.00072
4449          562011.63    4326086.05        0.00074                     562111.63
              4326086.05         0.00077
4450          562211.63    4326086.05        0.00078                     562311.63
              4326086.05         0.00082
4451          562411.63    4326086.05        0.00081                     562511.63
              4326086.05         0.00090
4452          562611.63    4326086.05        0.00100                     562711.63
              4326086.05         0.00109
4453  FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                        ***        11/14/24
4454   *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                    ***       11:46:05
4455
                                 PAGE  84
4456   *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
4457
4458                     *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                        YEARS FOR SOURCE GROUP: ALL      ***
4459                                INCLUDING SOURCE(S):     PAREA1      ,
4460
4461                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***
4462
4463                                       ** CONC OF DPM      IN
                                          MICROGRAMS/M**3                          **
4464
4465          X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD
              (M)        CONC
4466    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
4467          562811.63    4326086.05        0.00118                     562911.63
              4326086.05         0.00125
4468          563011.63    4326086.05        0.00132                     563111.63
              4326086.05         0.00139
4469          563211.63    4326086.05        0.00143                     563311.63
              4326086.05         0.00148
4470          563411.63    4326086.05        0.00149                     563511.63
              4326086.05         0.00150
4471          563611.63    4326086.05        0.00147                     563711.63
              4326086.05         0.00072
4472          563811.63    4326086.05        0.00044                     563911.63
              4326086.05         0.00043
4473          564011.63    4326086.05        0.00065                     564111.63
              4326086.05         0.00132
4474          564211.63    4326086.05        0.00081                     564311.63
```

```
                4326086.05        0.00043
4475            564411.63    4326086.05        0.00048                    564511.63
                4326086.05        0.00050
4476            564611.63    4326086.05        0.00042                    564711.63
                4326086.05        0.00132
4477            564811.63    4326086.05        0.00042                    564911.63
                4326086.05        0.00038
4478            565011.63    4326086.05        0.00038                    565111.63
                4326086.05        0.00039
4479            565211.63    4326086.05        0.00055                    565311.63
                4326086.05        0.00037
4480            565411.63    4326086.05        0.00043                    565511.63
                4326086.05        0.00033
4481            565611.63    4326086.05        0.00032                    565711.63
                4326086.05        0.00050
4482            565811.63    4326086.05        0.00031                    565911.63
                4326086.05        0.00032
4483            566011.63    4326086.05        0.00058                    566111.63
                4326086.05        0.00055
4484            566211.63    4326086.05        0.00032                    566311.63
                4326086.05        0.00058
4485            566411.63    4326086.05        0.00067                    566511.63
                4326086.05        0.00069
4486            560111.63    4326186.05        0.00002                    560211.63
                4326186.05        0.00002
4487            560311.63    4326186.05        0.00003                    560411.63
                4326186.05        0.00003
4488            560511.63    4326186.05        0.00007                    560611.63
                4326186.05        0.00010
4489            560711.63    4326186.05        0.00014                    560811.63
                4326186.05        0.00018
4490            560911.63    4326186.05        0.00023                    561011.63
                4326186.05        0.00028
4491            561111.63    4326186.05        0.00034                    561211.63
                4326186.05        0.00049
4492            561311.63    4326186.05        0.00050                    561411.63
                4326186.05        0.00057
4493            561511.63    4326186.05        0.00063                    561611.63
                4326186.05        0.00070
4494            561711.63    4326186.05        0.00081                    561811.63
                4326186.05        0.00079
4495            561911.63    4326186.05        0.00084                    562011.63
                4326186.05        0.00088
4496            562111.63    4326186.05        0.00092                    562211.63
                4326186.05        0.00094
4497            562311.63    4326186.05        0.00101                    562411.63
                4326186.05        0.00099
4498            562511.63    4326186.05        0.00106                    562611.63
                4326186.05        0.00118
4499            562711.63    4326186.05        0.00130                    562811.63
                4326186.05        0.00142
4500            562911.63    4326186.05        0.00152                    563011.63
                4326186.05        0.00160
4501            563111.63    4326186.05        0.00166                    563211.63
                4326186.05        0.00173
4502            563311.63    4326186.05        0.00174                    563411.63
                4326186.05        0.00174
4503            563511.63    4326186.05        0.00174                    563611.63
                4326186.05        0.00173
4504            563711.63    4326186.05        0.00168                    563811.63
                4326186.05        0.00107
4505            563911.63    4326186.05        0.00088                    564011.63
                4326186.05        0.00094
4506            564111.63    4326186.05        0.00165                    564211.63
                4326186.05        0.00123
4507  FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
564311.63	4326186.05	0.00060	564411.63	4326186.05	0.00075
564511.63	4326186.05	0.00068	564611.63	4326186.05	0.00046
564711.63	4326186.05	0.00145	564811.63	4326186.05	0.00090
564911.63	4326186.05	0.00054	565011.63	4326186.05	0.00075
565111.63	4326186.05	0.00106	565211.63	4326186.05	0.00117
565311.63	4326186.05	0.00094	565411.63	4326186.05	0.00059
565511.63	4326186.05	0.00069	565611.63	4326186.05	0.00054
565711.63	4326186.05	0.00036	565811.63	4326186.05	0.00061
565911.63	4326186.05	0.00073	566011.63	4326186.05	0.00049
566111.63	4326186.05	0.00043	566211.63	4326186.05	0.00072
566311.63	4326186.05	0.00057	566411.63	4326186.05	0.00048
566511.63	4326186.05	0.00062	560111.63	4326286.05	0.00002
560211.63	4326286.05	0.00003	560311.63	4326286.05	0.00003
560411.63	4326286.05	0.00005	560511.63	4326286.05	0.00009
560611.63	4326286.05	0.00011	560711.63	4326286.05	0.00014
560811.63	4326286.05	0.00020	560911.63	4326286.05	0.00025
561011.63	4326286.05	0.00027	561111.63	4326286.05	0.00034
561211.63	4326286.05	0.00046	561311.63	4326286.05	0.00053
561411.63	4326286.05	0.00061	561511.63	4326286.05	0.00069
561611.63	4326286.05	0.00076	561711.63	4326286.05	0.00085
561811.63	4326286.05	0.00099	561911.63	4326286.05	0.00098
562011.63	4326286.05	0.00105	562111.63	4326286.05	0.00109
562211.63	4326286.05	0.00114	562311.63	4326286.05	0.00124

```
4544          562411.63    4326286.05        0.00124                      562511.63
              4326286.05        0.00123
4545          562611.63    4326286.05        0.00145                      562711.63
              4326286.05        0.00159
4546          562811.63    4326286.05        0.00172                      562911.63
              4326286.05        0.00175
4547          563011.63    4326286.05        0.00194                      563111.63
              4326286.05        0.00202
4548          563211.63    4326286.05        0.00208                      563311.63
              4326286.05        0.00208
4549          563411.63    4326286.05        0.00207                      563511.63
              4326286.05        0.00205
4550          563611.63    4326286.05        0.00203                      563711.63
              4326286.05        0.00199
4551          563811.63    4326286.05        0.00197                      563911.63
              4326286.05        0.00194
4552          564011.63    4326286.05        0.00187                      564111.63
              4326286.05        0.00187
4553          564211.63    4326286.05        0.00183                      564311.63
              4326286.05        0.00146
4554          564411.63    4326286.05        0.00167                      564511.63
              4326286.05        0.00120
4555          564611.63    4326286.05        0.00103                      564711.63
              4326286.05        0.00158
4556          564811.63    4326286.05        0.00071                      564911.63
              4326286.05        0.00057
4557          565011.63    4326286.05        0.00066                      565111.63
              4326286.05        0.00056
4558          565211.63    4326286.05        0.00054                      565311.63
              4326286.05        0.00114
4559          565411.63    4326286.05        0.00121                      565511.63
              4326286.05        0.00090
4560          565611.63    4326286.05        0.00039                      565711.63
              4326286.05        0.00051
4561   FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
       DPM                        ***        11/14/24
4562    *** AERMET - VERSION  19191 ***   *** Met data: Oroville
        2015-2019                                          ***        11:46:05
4563
                                  PAGE  86
4564    *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
4565
4566                      *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                          YEARS FOR SOURCE GROUP: ALL      ***
4567                                 INCLUDING SOURCE(S):     PAREA1      ,
4568
4569                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***
4570
4571                                        ** CONC OF DPM      IN
                                            MICROGRAMS/M**3                          **
4572
4573          X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)   Y-COORD
              (M)        CONC
4574    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
4575          565811.63    4326286.05        0.00037                      565911.63
              4326286.05        0.00045
4576          566011.63    4326286.05        0.00045                      566111.63
              4326286.05        0.00054
4577          566211.63    4326286.05        0.00047                      566311.63
              4326286.05        0.00036
4578          566411.63    4326286.05        0.00055                      566511.63
              4326286.05        0.00066
4579          560111.63    4326386.05        0.00003                      560211.63
              4326386.05        0.00003
4580          560311.63    4326386.05        0.00005                      560411.63
```

	4326386.05	0.00005		
4581	560511.63	4326386.05	0.00010	560611.63
	4326386.05	0.00013		
4582	560711.63	4326386.05	0.00016	560811.63
	4326386.05	0.00023		
4583	560911.63	4326386.05	0.00027	561011.63
	4326386.05	0.00035		
4584	561111.63	4326386.05	0.00041	561211.63
	4326386.05	0.00047		
4585	561311.63	4326386.05	0.00055	561411.63
	4326386.05	0.00064		
4586	561511.63	4326386.05	0.00073	561611.63
	4326386.05	0.00080		
4587	561711.63	4326386.05	0.00092	561811.63
	4326386.05	0.00105		
4588	561911.63	4326386.05	0.00118	562011.63
	4326386.05	0.00125		
4589	562111.63	4326386.05	0.00131	562211.63
	4326386.05	0.00139		
4590	562311.63	4326386.05	0.00146	562411.63
	4326386.05	0.00158		
4591	562511.63	4326386.05	0.00163	562611.63
	4326386.05	0.00182		
4592	562711.63	4326386.05	0.00200	562811.63
	4326386.05	0.00192		
4593	562911.63	4326386.05	0.00203	563011.63
	4326386.05	0.00240		
4594	563111.63	4326386.05	0.00236	563211.63
	4326386.05	0.00254		
4595	563311.63	4326386.05	0.00252	563411.63
	4326386.05	0.00248		
4596	563511.63	4326386.05	0.00244	563611.63
	4326386.05	0.00239		
4597	563711.63	4326386.05	0.00232	563811.63
	4326386.05	0.00221		
4598	563911.63	4326386.05	0.00212	564011.63
	4326386.05	0.00206		
4599	564111.63	4326386.05	0.00206	564211.63
	4326386.05	0.00192		
4600	564311.63	4326386.05	0.00191	564411.63
	4326386.05	0.00193		
4601	564511.63	4326386.05	0.00186	564611.63
	4326386.05	0.00179		
4602	564711.63	4326386.05	0.00168	564811.63
	4326386.05	0.00166		
4603	564911.63	4326386.05	0.00158	565011.63
	4326386.05	0.00154		
4604	565111.63	4326386.05	0.00147	565211.63
	4326386.05	0.00141		
4605	565311.63	4326386.05	0.00134	565411.63
	4326386.05	0.00111		
4606	565511.63	4326386.05	0.00075	565611.63
	4326386.05	0.00051		
4607	565711.63	4326386.05	0.00046	565811.63
	4326386.05	0.00080		
4608	565911.63	4326386.05	0.00039	566011.63
	4326386.05	0.00039		
4609	566111.63	4326386.05	0.00039	566211.63
	4326386.05	0.00034		
4610	566311.63	4326386.05	0.00040	566411.63
	4326386.05	0.00039		
4611	566511.63	4326386.05	0.00050	560111.63
	4326486.05	0.00003		
4612	560211.63	4326486.05	0.00004	560311.63
	4326486.05	0.00004		
4613	560411.63	4326486.05	0.00006	560511.63

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560811.63	4326486.05	0.00032	560911.63	4326486.05	0.00034
561011.63	4326486.05	0.00038	561111.63	4326486.05	0.00044
561211.63	4326486.05	0.00050	561311.63	4326486.05	0.00059
561411.63	4326486.05	0.00067	561511.63	4326486.05	0.00075
561611.63	4326486.05	0.00086	561711.63	4326486.05	0.00101
561811.63	4326486.05	0.00117	561911.63	4326486.05	0.00133
562011.63	4326486.05	0.00155	562111.63	4326486.05	0.00164
562211.63	4326486.05	0.00178	562311.63	4326486.05	0.00200
562411.63	4326486.05	0.00218	562511.63	4326486.05	0.00244
562611.63	4326486.05	0.00240	562711.63	4326486.05	0.00265
562811.63	4326486.05	0.00214	562911.63	4326486.05	0.00237
563011.63	4326486.05	0.00243	563111.63	4326486.05	0.00274
563211.63	4326486.05	0.00278	563311.63	4326486.05	0.00268
563411.63	4326486.05	0.00268	563511.63	4326486.05	0.00297
563611.63	4326486.05	0.00288	563711.63	4326486.05	0.00276
563811.63	4326486.05	0.00259	563911.63	4326486.05	0.00252
564011.63	4326486.05	0.00242	564111.63	4326486.05	0.00225
564211.63	4326486.05	0.00215	564311.63	4326486.05	0.00208
564411.63	4326486.05	0.00208	564511.63	4326486.05	0.00202
564611.63	4326486.05	0.00195	564711.63	4326486.05	0.00184
564811.63	4326486.05	0.00176	564911.63	4326486.05	0.00159

```
          565011.63    4326486.05        0.00155                      565111.63
          4326486.05        0.00150
          565211.63    4326486.05        0.00144                      565311.63
          4326486.05        0.00134
          565411.63    4326486.05        0.00123                      565511.63
          4326486.05        0.00120
          565611.63    4326486.05        0.00114                      565711.63
          4326486.05        0.00106
          565811.63    4326486.05        0.00106                      565911.63
          4326486.05        0.00077
          566011.63    4326486.05        0.00065                      566111.63
          4326486.05        0.00073
          566211.63    4326486.05        0.00051                      566311.63
          4326486.05        0.00057
          566411.63    4326486.05        0.00064                      566511.63
          4326486.05        0.00071
          560111.63    4326586.05        0.00004                      560211.63
          4326586.05        0.00004
          560311.63    4326586.05        0.00005                      560411.63
          4326586.05        0.00006
          560511.63    4326586.05        0.00014                      560611.63
          4326586.05        0.00020
          560711.63    4326586.05        0.00024                      560811.63
          4326586.05        0.00038
          560911.63    4326586.05        0.00032                      561011.63
          4326586.05        0.00042
          561111.63    4326586.05        0.00050                      561211.63
          4326586.05        0.00055
          561311.63    4326586.05        0.00063                      561411.63
          4326586.05        0.00072
          561511.63    4326586.05        0.00082                      561611.63
          4326586.05        0.00095
          561711.63    4326586.05        0.00112                      561811.63
          4326586.05        0.00130
          561911.63    4326586.05        0.00153                      562011.63
          4326586.05        0.00180
          564611.63    4326586.05        0.00205                      564711.63
          4326586.05        0.00204
FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
DPM                          ***       11/14/24
 *** AERMET - VERSION  19191 ***   *** Met data: Oroville
 2015-2019                                        ***       11:46:05

                              PAGE  88
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                   YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     PAREA1      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF DPM      IN
                                     MICROGRAMS/M**3                          **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD
       (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
          564811.63    4326586.05        0.00186                      564911.63
          4326586.05        0.00170
          565011.63    4326586.05        0.00158                      565111.63
          4326586.05        0.00149
          565211.63    4326586.05        0.00139                      565311.63
          4326586.05        0.00133
          565411.63    4326586.05        0.00125                      565511.63
```

	4326586.05	0.00117		
4687	565611.63	4326586.05	0.00109	565711.63
	4326586.05	0.00104		
4688	565811.63	4326586.05	0.00101	565911.63
	4326586.05	0.00096		
4689	566011.63	4326586.05	0.00091	566111.63
	4326586.05	0.00088		
4690	566211.63	4326586.05	0.00085	566311.63
	4326586.05	0.00070		
4691	566411.63	4326586.05	0.00067	566511.63
	4326586.05	0.00058		
4692	560111.63	4326686.05	0.00003	560211.63
	4326686.05	0.00004		
4693	560311.63	4326686.05	0.00005	560411.63
	4326686.05	0.00007		
4694	560511.63	4326686.05	0.00017	560611.63
	4326686.05	0.00024		
4695	560711.63	4326686.05	0.00029	560811.63
	4326686.05	0.00036		
4696	560911.63	4326686.05	0.00030	561011.63
	4326686.05	0.00049		
4697	561111.63	4326686.05	0.00058	561211.63
	4326686.05	0.00063		
4698	561311.63	4326686.05	0.00069	561411.63
	4326686.05	0.00083		
4699	561511.63	4326686.05	0.00092	561611.63
	4326686.05	0.00105		
4700	561711.63	4326686.05	0.00122	561811.63
	4326686.05	0.00144		
4701	561911.63	4326686.05	0.00173	562011.63
	4326686.05	0.00214		
4702	564611.63	4326686.05	0.00214	564711.63
	4326686.05	0.00204		
4703	564811.63	4326686.05	0.00199	564911.63
	4326686.05	0.00181		
4704	565011.63	4326686.05	0.00168	565111.63
	4326686.05	0.00157		
4705	565211.63	4326686.05	0.00146	565311.63
	4326686.05	0.00136		
4706	565411.63	4326686.05	0.00127	565511.63
	4326686.05	0.00119		
4707	565611.63	4326686.05	0.00111	565711.63
	4326686.05	0.00104		
4708	565811.63	4326686.05	0.00098	565911.63
	4326686.05	0.00092		
4709	566011.63	4326686.05	0.00088	566111.63
	4326686.05	0.00084		
4710	566211.63	4326686.05	0.00079	566311.63
	4326686.05	0.00076		
4711	566411.63	4326686.05	0.00077	566511.63
	4326686.05	0.00062		
4712	560111.63	4326786.05	0.00003	560211.63
	4326786.05	0.00004		
4713	560311.63	4326786.05	0.00006	560411.63
	4326786.05	0.00010		
4714	560511.63	4326786.05	0.00018	560611.63
	4326786.05	0.00025		
4715	560711.63	4326786.05	0.00032	560811.63
	4326786.05	0.00040		
4716	560911.63	4326786.05	0.00048	561011.63
	4326786.05	0.00059		
4717	561111.63	4326786.05	0.00066	561211.63
	4326786.05	0.00072		
4718	561311.63	4326786.05	0.00079	561411.63
	4326786.05	0.00090		
4719	561511.63	4326786.05	0.00097	561611.63

```
            4326786.05        0.00114
4720        561711.63    4326786.05        0.00136                    561811.63
            4326786.05        0.00162
4721        561911.63    4326786.05        0.00195                    562011.63
            4326786.05        0.00250
4722        564611.63    4326786.05        0.00238                    564711.63
            4326786.05        0.00223
4723  FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                         ***        11/14/24
4724   *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                    ***       11:46:05
4725
                                 PAGE  89
4726   *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
4727
4728                     *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                        YEARS FOR SOURCE GROUP: ALL      ***
4729                                INCLUDING SOURCE(S):     PAREA1      ,
4730
4731                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***
4732
4733                                               ** CONC OF DPM      IN
                                                   MICROGRAMS/M**3                          **
4734
4735         X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)   Y-COORD
             (M)        CONC
4736   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - -
4737           564811.63    4326786.05        0.00208                    564911.63
               4326786.05        0.00193
4738           565011.63    4326786.05        0.00179                    565111.63
               4326786.05        0.00165
4739           565211.63    4326786.05        0.00153                    565311.63
               4326786.05        0.00141
4740           565411.63    4326786.05        0.00132                    565511.63
               4326786.05        0.00122
4741           565611.63    4326786.05        0.00114                    565711.63
               4326786.05        0.00107
4742           565811.63    4326786.05        0.00100                    565911.63
               4326786.05        0.00094
4743           566011.63    4326786.05        0.00088                    566111.63
               4326786.05        0.00082
4744           566211.63    4326786.05        0.00079                    566311.63
               4326786.05        0.00075
4745           566411.63    4326786.05        0.00072                    566511.63
               4326786.05        0.00070
4746           560111.63    4326886.05        0.00003                    560211.63
               4326886.05        0.00004
4747           560311.63    4326886.05        0.00006                    560411.63
               4326886.05        0.00010
4748           560511.63    4326886.05        0.00021                    560611.63
               4326886.05        0.00028
4749           560711.63    4326886.05        0.00038                    560811.63
               4326886.05        0.00049
4750           560911.63    4326886.05        0.00058                    561011.63
               4326886.05        0.00066
4751           561111.63    4326886.05        0.00073                    561211.63
               4326886.05        0.00081
4752           561311.63    4326886.05        0.00088                    561411.63
               4326886.05        0.00100
4753           561511.63    4326886.05        0.00110                    561611.63
               4326886.05        0.00122
4754           561711.63    4326886.05        0.00145                    561811.63
               4326886.05        0.00179
4755           561911.63    4326886.05        0.00221                    562011.63
               4326886.05        0.00288
```

```
          564611.63    4326886.05        0.00268                      564711.63
          4326886.05        0.00248
          564811.63    4326886.05        0.00228                      564911.63
          4326886.05        0.00208
          565011.63    4326886.05        0.00190                      565111.63
          4326886.05        0.00173
          565211.63    4326886.05        0.00159                      565311.63
          4326886.05        0.00146
          565411.63    4326886.05        0.00135                      565511.63
          4326886.05        0.00125
          565611.63    4326886.05        0.00116                      565711.63
          4326886.05        0.00108
          565811.63    4326886.05        0.00101                      565911.63
          4326886.05        0.00094
          566011.63    4326886.05        0.00089                      566111.63
          4326886.05        0.00084
          566211.63    4326886.05        0.00079                      566311.63
          4326886.05        0.00074
          566411.63    4326886.05        0.00071                      566511.63
          4326886.05        0.00067
          560111.63    4326986.05        0.00004                      560211.63
          4326986.05        0.00005
          560311.63    4326986.05        0.00007                      560411.63
          4326986.05        0.00013
          560511.63    4326986.05        0.00022                      560611.63
          4326986.05        0.00033
          560711.63    4326986.05        0.00043                      560811.63
          4326986.05        0.00055
          560911.63    4326986.05        0.00065                      561011.63
          4326986.05        0.00073
          561111.63    4326986.05        0.00081                      561211.63
          4326986.05        0.00090
          561311.63    4326986.05        0.00099                      561411.63
          4326986.05        0.00113
          561511.63    4326986.05        0.00125                      561611.63
          4326986.05        0.00138
          561711.63    4326986.05        0.00159                      561811.63
          4326986.05        0.00191
          561911.63    4326986.05        0.00243                      562011.63
          4326986.05        0.00325
          564611.63    4326986.05        0.00310                      564711.63
          4326986.05        0.00278
FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
DPM                          ***        11/14/24
 *** AERMET - VERSION  19191 ***   *** Met data: Oroville
 2015-2019                                        ***       11:46:05

                                PAGE  90
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                   YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     PAREA1      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                         ** CONC OF DPM      IN
                                         MICROGRAMS/M**3                          **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD
       (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
          564811.63    4326986.05        0.00248                      564911.63
          4326986.05        0.00222
          565011.63    4326986.05        0.00200                      565111.63
```

	4326986.05	0.00189		
4793	565211.63	4326986.05	0.00178	565311.63
	4326986.05	0.00159		
4794	565411.63	4326986.05	0.00144	565511.63
	4326986.05	0.00131		
4795	565611.63	4326986.05	0.00121	565711.63
	4326986.05	0.00111		
4796	565811.63	4326986.05	0.00102	565911.63
	4326986.05	0.00095		
4797	566011.63	4326986.05	0.00089	566111.63
	4326986.05	0.00084		
4798	566211.63	4326986.05	0.00079	566311.63
	4326986.05	0.00075		
4799	566411.63	4326986.05	0.00071	566511.63
	4326986.05	0.00067		
4800	560111.63	4327086.05	0.00004	560211.63
	4327086.05	0.00005		
4801	560311.63	4327086.05	0.00007	560411.63
	4327086.05	0.00015		
4802	560511.63	4327086.05	0.00025	560611.63
	4327086.05	0.00037		
4803	560711.63	4327086.05	0.00049	560811.63
	4327086.05	0.00060		
4804	560911.63	4327086.05	0.00072	561011.63
	4327086.05	0.00080		
4805	561111.63	4327086.05	0.00089	561211.63
	4327086.05	0.00098		
4806	561311.63	4327086.05	0.00110	561411.63
	4327086.05	0.00124		
4807	561511.63	4327086.05	0.00141	561611.63
	4327086.05	0.00158		
4808	561711.63	4327086.05	0.00178	561811.63
	4327086.05	0.00212		
4809	561911.63	4327086.05	0.00268	562011.63
	4327086.05	0.00360		
4810	564611.63	4327086.05	0.00375	564711.63
	4327086.05	0.00312		
4811	564811.63	4327086.05	0.00268	564911.63
	4327086.05	0.00239		
4812	565011.63	4327086.05	0.00216	565111.63
	4327086.05	0.00215		
4813	565211.63	4327086.05	0.00173	565311.63
	4327086.05	0.00177		
4814	565411.63	4327086.05	0.00157	565511.63
	4327086.05	0.00140		
4815	565611.63	4327086.05	0.00133	565711.63
	4327086.05	0.00115		
4816	565811.63	4327086.05	0.00106	565911.63
	4327086.05	0.00098		
4817	566011.63	4327086.05	0.00095	566111.63
	4327086.05	0.00085		
4818	566211.63	4327086.05	0.00079	566311.63
	4327086.05	0.00074		
4819	566411.63	4327086.05	0.00070	566511.63
	4327086.05	0.00067		
4820	560111.63	4327186.05	0.00004	560211.63
	4327186.05	0.00005		
4821	560311.63	4327186.05	0.00009	560411.63
	4327186.05	0.00018		
4822	560511.63	4327186.05	0.00027	560611.63
	4327186.05	0.00039		
4823	560711.63	4327186.05	0.00057	560811.63
	4327186.05	0.00060		
4824	560911.63	4327186.05	0.00078	561011.63
	4327186.05	0.00086		
4825	561111.63	4327186.05	0.00096	561211.63

```
                4327186.05        0.00107
4826            561311.63    4327186.05        0.00119                      561411.63
                4327186.05        0.00136
4827            561511.63    4327186.05        0.00151                      561611.63
                4327186.05        0.00171
4828            561711.63    4327186.05        0.00197                      561811.63
                4327186.05        0.00237
4829            561911.63    4327186.05        0.00293                      562011.63
                4327186.05        0.00392
4830            564611.63    4327186.05        0.00446                      564711.63
                4327186.05        0.00343
4831   FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
       DPM                        ***        11/14/24
4832    *** AERMET - VERSION  19191 ***   *** Met data: Oroville
        2015-2019                                        ***        11:46:05
4833
                                  PAGE  91
4834    *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
4835
4836                      *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                          YEARS FOR SOURCE GROUP: ALL      ***
4837                                 INCLUDING SOURCE(S):     PAREA1      ,
4838
4839                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***
4840
4841                                               ** CONC OF DPM      IN
                                                  MICROGRAMS/M**3                          **
4842
4843          X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)   Y-COORD
              (M)        CONC
4844    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
4845            564811.63    4327186.05        0.00320                      564911.63
                4327186.05        0.00280
4846            565011.63    4327186.05        0.00246                      565111.63
                4327186.05        0.00214
4847            565211.63    4327186.05        0.00188                      565311.63
                4327186.05        0.00177
4848            565411.63    4327186.05        0.00161                      565511.63
                4327186.05        0.00145
4849            565611.63    4327186.05        0.00123                      565711.63
                4327186.05        0.00121
4850            565811.63    4327186.05        0.00113                      565911.63
                4327186.05        0.00107
4851            566011.63    4327186.05        0.00099                      566111.63
                4327186.05        0.00089
4852            566211.63    4327186.05        0.00083                      566311.63
                4327186.05        0.00076
4853            566411.63    4327186.05        0.00071                      566511.63
                4327186.05        0.00067
4854            560111.63    4327286.05        0.00004                      560211.63
                4327286.05        0.00006
4855            560311.63    4327286.05        0.00010                      560411.63
                4327286.05        0.00017
4856            560511.63    4327286.05        0.00032                      560611.63
                4327286.05        0.00045
4857            560711.63    4327286.05        0.00066                      560811.63
                4327286.05        0.00069
4858            560911.63    4327286.05        0.00083                      561011.63
                4327286.05        0.00092
4859            561111.63    4327286.05        0.00102                      561211.63
                4327286.05        0.00114
4860            561311.63    4327286.05        0.00127                      561411.63
                4327286.05        0.00144
4861            561511.63    4327286.05        0.00163                      561611.63
                4327286.05        0.00185
```

```
4862          561711.63    4327286.05       0.00216                    561811.63
              4327286.05       0.00260
4863          561911.63    4327286.05       0.00320                    562011.63
              4327286.05       0.00423
4864          564611.63    4327286.05       0.00511                    564711.63
              4327286.05       0.00370
4865          564811.63    4327286.05       0.00276                    564911.63
              4327286.05       0.00194
4866          565011.63    4327286.05       0.00232                    565111.63
              4327286.05       0.00220
4867          565211.63    4327286.05       0.00184                    565311.63
              4327286.05       0.00154
4868          565411.63    4327286.05       0.00143                    565511.63
              4327286.05       0.00138
4869          565611.63    4327286.05       0.00129                    565711.63
              4327286.05       0.00123
4870          565811.63    4327286.05       0.00114                    565911.63
              4327286.05       0.00105
4871          566011.63    4327286.05       0.00100                    566111.63
              4327286.05       0.00091
4872          566211.63    4327286.05       0.00084                    566311.63
              4327286.05       0.00076
4873          566411.63    4327286.05       0.00072                    566511.63
              4327286.05       0.00067
4874          560111.63    4327386.05       0.00005                    560211.63
              4327386.05       0.00008
4875          560311.63    4327386.05       0.00013                    560411.63
              4327386.05       0.00020
4876          560511.63    4327386.05       0.00040                    560611.63
              4327386.05       0.00053
4877          560711.63    4327386.05       0.00068                    560811.63
              4327386.05       0.00061
4878          560911.63    4327386.05       0.00087                    561011.63
              4327386.05       0.00096
4879          561111.63    4327386.05       0.00107                    561211.63
              4327386.05       0.00119
4880          561311.63    4327386.05       0.00134                    561411.63
              4327386.05       0.00150
4881          561511.63    4327386.05       0.00171                    561611.63
              4327386.05       0.00196
4882          561711.63    4327386.05       0.00230                    561811.63
              4327386.05       0.00276
4883          561911.63    4327386.05       0.00342                    562011.63
              4327386.05       0.00456
4884          564611.63    4327386.05       0.00511                    564711.63
              4327386.05       0.00376
4885  FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                        ***        11/14/24
4886   *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                        ***        11:46:05
4887
                                PAGE  92
4888   *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
4889
4890                     *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                        YEARS FOR SOURCE GROUP: ALL      ***
4891                                INCLUDING SOURCE(S):     PAREA1      ,
4892
4893                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***
4894
4895                                       ** CONC OF DPM      IN
                                          MICROGRAMS/M**3                          **
4896
4897          X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD
              (M)        CONC
4898    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

- -

4899	564811.63	4327386.05	0.00228	564911.63
	4327386.05	0.00218		
4900	565011.63	4327386.05	0.00245	565111.63
	4327386.05	0.00204		
4901	565211.63	4327386.05	0.00158	565311.63
	4327386.05	0.00173		
4902	565411.63	4327386.05	0.00152	565511.63
	4327386.05	0.00141		
4903	565611.63	4327386.05	0.00131	565711.63
	4327386.05	0.00114		
4904	565811.63	4327386.05	0.00109	565911.63
	4327386.05	0.00105		
4905	566011.63	4327386.05	0.00091	566111.63
	4327386.05	0.00092		
4906	566211.63	4327386.05	0.00085	566311.63
	4327386.05	0.00077		
4907	566411.63	4327386.05	0.00071	566511.63
	4327386.05	0.00069		
4908	560111.63	4327486.05	0.00005	560211.63
	4327486.05	0.00007		
4909	560311.63	4327486.05	0.00013	560411.63
	4327486.05	0.00026		
4910	560511.63	4327486.05	0.00040	560611.63
	4327486.05	0.00060		
4911	560711.63	4327486.05	0.00063	560811.63
	4327486.05	0.00079		
4912	560911.63	4327486.05	0.00090	561011.63
	4327486.05	0.00099		
4913	561111.63	4327486.05	0.00111	561211.63
	4327486.05	0.00124		
4914	561311.63	4327486.05	0.00139	561411.63
	4327486.05	0.00157		
4915	561511.63	4327486.05	0.00178	561611.63
	4327486.05	0.00205		
4916	561711.63	4327486.05	0.00242	561811.63
	4327486.05	0.00290		
4917	561911.63	4327486.05	0.00365	562011.63
	4327486.05	0.00469		
4918	564611.63	4327486.05	0.00525	564711.63
	4327486.05	0.00403		
4919	564811.63	4327486.05	0.00186	564911.63
	4327486.05	0.00247		
4920	565011.63	4327486.05	0.00224	565111.63
	4327486.05	0.00150		
4921	565211.63	4327486.05	0.00162	565311.63
	4327486.05	0.00167		
4922	565411.63	4327486.05	0.00146	565511.63
	4327486.05	0.00137		
4923	565611.63	4327486.05	0.00116	565711.63
	4327486.05	0.00100		
4924	565811.63	4327486.05	0.00101	565911.63
	4327486.05	0.00101		
4925	566011.63	4327486.05	0.00090	566111.63
	4327486.05	0.00090		
4926	566211.63	4327486.05	0.00084	566311.63
	4327486.05	0.00076		
4927	566411.63	4327486.05	0.00069	566511.63
	4327486.05	0.00068		
4928	560111.63	4327586.05	0.00006	560211.63
	4327586.05	0.00009		
4929	560311.63	4327586.05	0.00017	560411.63
	4327586.05	0.00030		
4930	560511.63	4327586.05	0.00047	560611.63
	4327586.05	0.00061		
4931	560711.63	4327586.05	0.00072	560811.63

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
564811.63	4327586.05	0.00194	564911.63	4327586.05	0.00258
565011.63	4327586.05	0.00203	565111.63	4327586.05	0.00189
565211.63	4327586.05	0.00176	565311.63	4327586.05	0.00154
565411.63	4327586.05	0.00132	565511.63	4327586.05	0.00132
565611.63	4327586.05	0.00110	565711.63	4327586.05	0.00108
565811.63	4327586.05	0.00105	565911.63	4327586.05	0.00098
566011.63	4327586.05	0.00089	566111.63	4327586.05	0.00086
566211.63	4327586.05	0.00081	566311.63	4327586.05	0.00071
566411.63	4327586.05	0.00069	566511.63	4327586.05	0.00063
560111.63	4327686.05	0.00006	560211.63	4327686.05	0.00011
560311.63	4327686.05	0.00019	560411.63	4327686.05	0.00032
560511.63	4327686.05	0.00048	560611.63	4327686.05	0.00063
560711.63	4327686.05	0.00071	560811.63	4327686.05	0.00080
560911.63	4327686.05	0.00092	561011.63	4327686.05	0.00103
561111.63	4327686.05	0.00115	561211.63	4327686.05	0.00129

```
4968          561311.63    4327686.05       0.00144                      561411.63
              4327686.05       0.00163
4969          561511.63    4327686.05       0.00186                      561611.63
              4327686.05       0.00218
4970          561711.63    4327686.05       0.00256                      561811.63
              4327686.05       0.00307
4971          561911.63    4327686.05       0.00377                      562011.63
              4327686.05       0.00485
4972          564611.63    4327686.05       0.00544                      564711.63
              4327686.05       0.00251
4973          564811.63    4327686.05       0.00219                      564911.63
              4327686.05       0.00222
4974          565011.63    4327686.05       0.00154                      565111.63
              4327686.05       0.00132
4975          565211.63    4327686.05       0.00170                      565311.63
              4327686.05       0.00115
4976          565411.63    4327686.05       0.00123                      565511.63
              4327686.05       0.00120
4977          565611.63    4327686.05       0.00086                      565711.63
              4327686.05       0.00085
4978          565811.63    4327686.05       0.00074                      565911.63
              4327686.05       0.00086
4979          566011.63    4327686.05       0.00087                      566111.63
              4327686.05       0.00082
4980          566211.63    4327686.05       0.00076                      566311.63
              4327686.05       0.00072
4981          566411.63    4327686.05       0.00067                      566511.63
              4327686.05       0.00062
4982          560111.63    4327786.05       0.00006                      560211.63
              4327786.05       0.00010
4983          560311.63    4327786.05       0.00022                      560411.63
              4327786.05       0.00044
4984          560511.63    4327786.05       0.00054                      560611.63
              4327786.05       0.00067
4985          560711.63    4327786.05       0.00069                      560811.63
              4327786.05       0.00077
4986          560911.63    4327786.05       0.00089                      561011.63
              4327786.05       0.00102
4987          561111.63    4327786.05       0.00115                      561211.63
              4327786.05       0.00129
4988          561311.63    4327786.05       0.00146                      561411.63
              4327786.05       0.00165
4989          561511.63    4327786.05       0.00188                      561611.63
              4327786.05       0.00218
4990          561711.63    4327786.05       0.00256                      561811.63
              4327786.05       0.00306
4991          561911.63    4327786.05       0.00377                      562011.63
              4327786.05       0.00484
4992          564611.63    4327786.05       0.00519                      564711.63
              4327786.05       0.00205
4993  FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                        ***       11/14/24
4994   *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                    ***       11:46:05
4995
                                PAGE  94
4996   *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
4997
4998                     *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                         YEARS FOR SOURCE GROUP: ALL      ***
4999                                INCLUDING SOURCE(S):     PAREA1      ,
5000
5001                                     *** DISCRETE CARTESIAN RECEPTOR POINTS ***
5002
5003                                   ** CONC OF DPM      IN
                                       MICROGRAMS/M**3                          **
```

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
564811.63	4327786.05	0.00195	564911.63	4327786.05	0.00159
565011.63	4327786.05	0.00122	565111.63	4327786.05	0.00173
565211.63	4327786.05	0.00129	565311.63	4327786.05	0.00076
565411.63	4327786.05	0.00082	565511.63	4327786.05	0.00076
565611.63	4327786.05	0.00083	565711.63	4327786.05	0.00092
565811.63	4327786.05	0.00095	565911.63	4327786.05	0.00088
566011.63	4327786.05	0.00083	566111.63	4327786.05	0.00077
566211.63	4327786.05	0.00074	566311.63	4327786.05	0.00069
566411.63	4327786.05	0.00063	566511.63	4327786.05	0.00061
560111.63	4327886.05	0.00006	560211.63	4327886.05	0.00011
560311.63	4327886.05	0.00028	560411.63	4327886.05	0.00048
560511.63	4327886.05	0.00058	560611.63	4327886.05	0.00069
560711.63	4327886.05	0.00073	560811.63	4327886.05	0.00081
560911.63	4327886.05	0.00093	561011.63	4327886.05	0.00103
561111.63	4327886.05	0.00115	561211.63	4327886.05	0.00128
561311.63	4327886.05	0.00144	561411.63	4327886.05	0.00163
561511.63	4327886.05	0.00186	561611.63	4327886.05	0.00215
561711.63	4327886.05	0.00253	561811.63	4327886.05	0.00303
561911.63	4327886.05	0.00372	562011.63	4327886.05	0.00476
564611.63	4327886.05	0.00496	564711.63	4327886.05	0.00182
564811.63	4327886.05	0.00179	564911.63	4327886.05	0.00198
565011.63	4327886.05	0.00104	565111.63	4327886.05	0.00149
565211.63	4327886.05	0.00101	565311.63	4327886.05	0.00108
565411.63	4327886.05	0.00109	565511.63	4327886.05	0.00077
565611.63	4327886.05	0.00094	565711.63	4327886.05	0.00075
565811.63	4327886.05	0.00069	565911.63	4327886.05	0.00084
566011.63	4327886.05	0.00076	566111.63	4327886.05	0.00072
566211.63	4327886.05	0.00065	566311.63	4327886.05	0.00066
566411.63	4327886.05	0.00061	566511.63	4327886.05	0.00058
560111.63	4327986.05	0.00006	560211.63	4327986.05	0.00014
560311.63	4327986.05	0.00029	560411.63		

```
                4327986.05        0.00050
5038            560511.63    4327986.05        0.00061                      560611.63
                4327986.05        0.00070
5039            560711.63    4327986.05        0.00076                      560811.63
                4327986.05        0.00084
5040            560911.63    4327986.05        0.00093                      561011.63
                4327986.05        0.00103
5041            561111.63    4327986.05        0.00114                      561211.63
                4327986.05        0.00126
5042            561311.63    4327986.05        0.00141                      561411.63
                4327986.05        0.00159
5043            561511.63    4327986.05        0.00182                      561611.63
                4327986.05        0.00211
5044            561711.63    4327986.05        0.00247                      561811.63
                4327986.05        0.00295
5045            561911.63    4327986.05        0.00362                      562011.63
                4327986.05        0.00460
5046            564611.63    4327986.05        0.00455                      564711.63
                4327986.05        0.00330
5047  FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                        ***        11/14/24
5048   *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                  ***       11:46:05
5049
                                  PAGE  95
5050   *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
5051
5052                     *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                         YEARS FOR SOURCE GROUP: ALL      ***
5053                                INCLUDING SOURCE(S):     PAREA1      ,
5054
5055                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***
5056
5057                                         ** CONC OF DPM      IN
                                             MICROGRAMS/M**3                          **
5058
5059          X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD
              (M)        CONC
5060    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
5061            564811.63    4327986.05        0.00216                      564911.63
                4327986.05        0.00138
5062            565011.63    4327986.05        0.00103                      565111.63
                4327986.05        0.00108
5063            565211.63    4327986.05        0.00110                      565311.63
                4327986.05        0.00119
5064            565411.63    4327986.05        0.00113                      565511.63
                4327986.05        0.00100
5065            565611.63    4327986.05        0.00096                      565711.63
                4327986.05        0.00073
5066            565811.63    4327986.05        0.00076                      565911.63
                4327986.05        0.00071
5067            566011.63    4327986.05        0.00071                      566111.63
                4327986.05        0.00067
5068            566211.63    4327986.05        0.00067                      566311.63
                4327986.05        0.00064
5069            566411.63    4327986.05        0.00061                      566511.63
                4327986.05        0.00058
5070            560111.63    4328086.05        0.00008                      560211.63
                4328086.05        0.00018
5071            560311.63    4328086.05        0.00038                      560411.63
                4328086.05        0.00055
5072            560511.63    4328086.05        0.00062                      560611.63
                4328086.05        0.00071
5073            560711.63    4328086.05        0.00076                      560811.63
                4328086.05        0.00083
```

```
5074           560911.63    4328086.05        0.00092                      561011.63
               4328086.05         0.00101
5075           561111.63    4328086.05        0.00111                      561211.63
               4328086.05         0.00124
5076           561311.63    4328086.05        0.00138                      561411.63
               4328086.05         0.00155
5077           561511.63    4328086.05        0.00177                      561611.63
               4328086.05         0.00204
5078           561711.63    4328086.05        0.00238                      561811.63
               4328086.05         0.00284
5079           561911.63    4328086.05        0.00346                      562011.63
               4328086.05         0.00444
5080           564611.63    4328086.05        0.00444                      564711.63
               4328086.05         0.00234
5081           564811.63    4328086.05        0.00142                      564911.63
               4328086.05         0.00157
5082           565011.63    4328086.05        0.00115                      565111.63
               4328086.05         0.00078
5083           565211.63    4328086.05        0.00103                      565311.63
               4328086.05         0.00082
5084           565411.63    4328086.05        0.00091                      565511.63
               4328086.05         0.00087
5085           565611.63    4328086.05        0.00088                      565711.63
               4328086.05         0.00083
5086           565811.63    4328086.05        0.00078                      565911.63
               4328086.05         0.00074
5087           566011.63    4328086.05        0.00070                      566111.63
               4328086.05         0.00065
5088           566211.63    4328086.05        0.00062                      566311.63
               4328086.05         0.00060
5089           566411.63    4328086.05        0.00058                      566511.63
               4328086.05         0.00055
5090           560111.63    4328186.05        0.00009                      560211.63
               4328186.05         0.00027
5091           560311.63    4328186.05        0.00045                      560411.63
               4328186.05         0.00058
5092           560511.63    4328186.05        0.00063                      560611.63
               4328186.05         0.00071
5093           560711.63    4328186.05        0.00075                      560811.63
               4328186.05         0.00082
5094           560911.63    4328186.05        0.00090                      561011.63
               4328186.05         0.00099
5095           561111.63    4328186.05        0.00109                      561211.63
               4328186.05         0.00121
5096           561311.63    4328186.05        0.00135                      561411.63
               4328186.05         0.00151
5097           561511.63    4328186.05        0.00172                      561611.63
               4328186.05         0.00197
5098           561711.63    4328186.05        0.00228                      561811.63
               4328186.05         0.00268
5099           561911.63    4328186.05        0.00326                      562011.63
               4328186.05         0.00414
5100           564611.63    4328186.05        0.00283                      564711.63
               4328186.05         0.00230
5101   FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
       DPM                        ***        11/14/24
5102    *** AERMET - VERSION  19191 ***   *** Met data: Oroville
        2015-2019                                        ***       11:46:05
5103
                                  PAGE  96
5104    *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
5105
5106                      *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                          YEARS FOR SOURCE GROUP: ALL      ***
5107                                 INCLUDING SOURCE(S):     PAREA1      ,
5108
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
564811.63	4328186.05	0.00169	564911.63	4328186.05	0.00166
565011.63	4328186.05	0.00137	565111.63	4328186.05	0.00108
565211.63	4328186.05	0.00113	565311.63	4328186.05	0.00103
565411.63	4328186.05	0.00095	565511.63	4328186.05	0.00086
565611.63	4328186.05	0.00080	565711.63	4328186.05	0.00068
565811.63	4328186.05	0.00066	565911.63	4328186.05	0.00066
566011.63	4328186.05	0.00066	566111.63	4328186.05	0.00063
566211.63	4328186.05	0.00058	566311.63	4328186.05	0.00054
566411.63	4328186.05	0.00054	566511.63	4328186.05	0.00052
560111.63	4328286.05	0.00012	560211.63	4328286.05	0.00040
560311.63	4328286.05	0.00049	560411.63	4328286.05	0.00059
560511.63	4328286.05	0.00064	560611.63	4328286.05	0.00071
560711.63	4328286.05	0.00075	560811.63	4328286.05	0.00082
560911.63	4328286.05	0.00089	561011.63	4328286.05	0.00098
561111.63	4328286.05	0.00108	561211.63	4328286.05	0.00117
561311.63	4328286.05	0.00132	561411.63	4328286.05	0.00148
561511.63	4328286.05	0.00167	561611.63	4328286.05	0.00190
561711.63	4328286.05	0.00219	561811.63	4328286.05	0.00254
561911.63	4328286.05	0.00303	562011.63	4328286.05	0.00376
564611.63	4328286.05	0.00170	564711.63	4328286.05	0.00145
564811.63	4328286.05	0.00161	564911.63	4328286.05	0.00144
565011.63	4328286.05	0.00125	565111.63	4328286.05	0.00109
565211.63	4328286.05	0.00098	565311.63	4328286.05	0.00088
565411.63	4328286.05	0.00085	565511.63	4328286.05	0.00081
565611.63	4328286.05	0.00074	565711.63	4328286.05	0.00071
565811.63	4328286.05	0.00064	565911.63	4328286.05	0.00065
566011.63	4328286.05	0.00061	566111.63	4328286.05	0.00059
566211.63	4328286.05	0.00056	566311.63	4328286.05	0.00052
566411.63	4328286.05	0.00049	566511.63		

```
          4328286.05        0.00047
5144      560111.63    4328386.05        0.00028                    560211.63
          4328386.05        0.00040
5145      560311.63    4328386.05        0.00051                    560411.63
          4328386.05        0.00058
5146      560511.63    4328386.05        0.00064                    560611.63
          4328386.05        0.00070
5147      560711.63    4328386.05        0.00076                    560811.63
          4328386.05        0.00081
5148      560911.63    4328386.05        0.00088                    561011.63
          4328386.05        0.00097
5149      561111.63    4328386.05        0.00107                    561211.63
          4328386.05        0.00116
5150      561311.63    4328386.05        0.00130                    561411.63
          4328386.05        0.00145
5151      561511.63    4328386.05        0.00163                    561611.63
          4328386.05        0.00184
5152      561711.63    4328386.05        0.00211                    561811.63
          4328386.05        0.00243
5153      561911.63    4328386.05        0.00285                    562011.63
          4328386.05        0.00343
5154      562111.63    4328386.05        0.00423                    562211.63
          4328386.05        0.00497
5155  FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                        ***        11/14/24
5156   *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                        ***        11:46:05
5157
                                 PAGE  97
5158   *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
5159
5160                     *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                         YEARS FOR SOURCE GROUP: ALL      ***
5161                                INCLUDING SOURCE(S):     PAREA1      ,
5162
5163                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***
5164
5165                                       ** CONC OF DPM      IN
                                          MICROGRAMS/M**3                          **
5166
5167        X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)   Y-COORD
           (M)        CONC
5168    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
5169          562311.63    4328386.05        0.00543                    562411.63
              4328386.05        0.00572
5170          562511.63    4328386.05        0.00588                    562611.63
              4328386.05        0.00603
5171          562711.63    4328386.05        0.00615                    562811.63
              4328386.05        0.00619
5172          562911.63    4328386.05        0.00611                    563011.63
              4328386.05        0.00610
5173          563111.63    4328386.05        0.00583                    563211.63
              4328386.05        0.00601
5174          563311.63    4328386.05        0.00615                    563411.63
              4328386.05        0.00589
5175          563511.63    4328386.05        0.00589                    563611.63
              4328386.05        0.00553
5176          563711.63    4328386.05        0.00585                    563811.63
              4328386.05        0.00576
5177          563911.63    4328386.05        0.00517                    564011.63
              4328386.05        0.00517
5178          564111.63    4328386.05        0.00500                    564211.63
              4328386.05        0.00483
5179          564311.63    4328386.05        0.00424                    564411.63
              4328386.05        0.00321
```

```
5180          564511.63    4328386.05        0.00269                    564611.63
              4328386.05         0.00148
5181          564711.63    4328386.05        0.00171                    564811.63
              4328386.05         0.00143
5182          564911.63    4328386.05        0.00113                    565011.63
              4328386.05         0.00111
5183          565111.63    4328386.05        0.00094                    565211.63
              4328386.05         0.00089
5184          565311.63    4328386.05        0.00085                    565411.63
              4328386.05         0.00074
5185          565511.63    4328386.05        0.00072                    565611.63
              4328386.05         0.00066
5186          565711.63    4328386.05        0.00066                    565811.63
              4328386.05         0.00062
5187          565911.63    4328386.05        0.00058                    566011.63
              4328386.05         0.00053
5188          566111.63    4328386.05        0.00053                    566211.63
              4328386.05         0.00050
5189          566311.63    4328386.05        0.00049                    566411.63
              4328386.05         0.00042
5190          566511.63    4328386.05        0.00041                    560111.63
              4328486.05         0.00033
5191          560211.63    4328486.05        0.00043                    560311.63
              4328486.05         0.00050
5192          560411.63    4328486.05        0.00059                    560511.63
              4328486.05         0.00065
5193          560611.63    4328486.05        0.00070                    560711.63
              4328486.05         0.00076
5194          560811.63    4328486.05        0.00082                    560911.63
              4328486.05         0.00089
5195          561011.63    4328486.05        0.00097                    561111.63
              4328486.05         0.00106
5196          561211.63    4328486.05        0.00114                    561311.63
              4328486.05         0.00128
5197          561411.63    4328486.05        0.00143                    561511.63
              4328486.05         0.00160
5198          561611.63    4328486.05        0.00180                    561711.63
              4328486.05         0.00203
5199          561811.63    4328486.05        0.00232                    561911.63
              4328486.05         0.00267
5200          562011.63    4328486.05        0.00309                    562111.63
              4328486.05         0.00353
5201          562211.63    4328486.05        0.00391                    562311.63
              4328486.05         0.00423
5202          562411.63    4328486.05        0.00446                    562511.63
              4328486.05         0.00462
5203          562611.63    4328486.05        0.00472                    562711.63
              4328486.05         0.00479
5204          562811.63    4328486.05        0.00486                    562911.63
              4328486.05         0.00473
5205          563011.63    4328486.05        0.00449                    563111.63
              4328486.05         0.00443
5206          563211.63    4328486.05        0.00484                    563311.63
              4328486.05         0.00440
5207          563411.63    4328486.05        0.00458                    563511.63
              4328486.05         0.00440
5208          563611.63    4328486.05        0.00460                    563711.63
              4328486.05         0.00442
5209  FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                        ***        11/14/24
5210   *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                          ***       11:46:05
5211
                                  PAGE  98
5212   *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
5213
```

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
563811.63	4328486.05	0.00430	563911.63	4328486.05	0.00418
564011.63	4328486.05	0.00384	564111.63	4328486.05	0.00353
564211.63	4328486.05	0.00301	564311.63	4328486.05	0.00268
564411.63	4328486.05	0.00232	564511.63	4328486.05	0.00214
564611.63	4328486.05	0.00118	564711.63	4328486.05	0.00151
564811.63	4328486.05	0.00128	564911.63	4328486.05	0.00101
565011.63	4328486.05	0.00093	565111.63	4328486.05	0.00089
565211.63	4328486.05	0.00081	565311.63	4328486.05	0.00076
565411.63	4328486.05	0.00066	565511.63	4328486.05	0.00067
565611.63	4328486.05	0.00059	565711.63	4328486.05	0.00058
565811.63	4328486.05	0.00057	565911.63	4328486.05	0.00055
566011.63	4328486.05	0.00051	566111.63	4328486.05	0.00046
566211.63	4328486.05	0.00043	566311.63	4328486.05	0.00041
566411.63	4328486.05	0.00040	566511.63	4328486.05	0.00038
560111.63	4328586.05	0.00036	560211.63	4328586.05	0.00047
560311.63	4328586.05	0.00054	560411.63	4328586.05	0.00060
560511.63	4328586.05	0.00065	560611.63	4328586.05	0.00070
560711.63	4328586.05	0.00075	560811.63	4328586.05	0.00080
560911.63	4328586.05	0.00085	561011.63	4328586.05	0.00092
561111.63	4328586.05	0.00105	561211.63	4328586.05	0.00109
561311.63	4328586.05	0.00127	561411.63	4328586.05	0.00140
561511.63	4328586.05	0.00156	561611.63	4328586.05	0.00175
561711.63	4328586.05	0.00196	561811.63	4328586.05	0.00220
561911.63	4328586.05	0.00247	562011.63	4328586.05	0.00277
562111.63	4328586.05	0.00305	562211.63	4328586.05	0.00327
562311.63	4328586.05	0.00353	562411.63	4328586.05	0.00369
562511.63	4328586.05	0.00382	562611.63		

```
          4328586.05        0.00391
5250      562711.63    4328586.05        0.00400                      562811.63
          4328586.05        0.00395
5251      562911.63    4328586.05        0.00384                      563011.63
          4328586.05        0.00377
5252      563111.63    4328586.05        0.00390                      563211.63
          4328586.05        0.00393
5253      563311.63    4328586.05        0.00310                      563411.63
          4328586.05        0.00392
5254      563511.63    4328586.05        0.00374                      563611.63
          4328586.05        0.00378
5255      563711.63    4328586.05        0.00365                      563811.63
          4328586.05        0.00352
5256      563911.63    4328586.05        0.00314                      564011.63
          4328586.05        0.00304
5257      564111.63    4328586.05        0.00280                      564211.63
          4328586.05        0.00258
5258      564311.63    4328586.05        0.00213                      564411.63
          4328586.05        0.00190
5259      564511.63    4328586.05        0.00187                      564611.63
          4328586.05        0.00121
5260      564711.63    4328586.05        0.00137                      564811.63
          4328586.05        0.00117
5261      564911.63    4328586.05        0.00103                      565011.63
          4328586.05        0.00092
5262      565111.63    4328586.05        0.00080                      565211.63
          4328586.05        0.00073
5263  FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                        ***       11/14/24
5264   *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                    ***       11:46:05
5265
                                PAGE  99
5266   *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
5267
5268                     *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                        YEARS FOR SOURCE GROUP: ALL      ***
5269                                 INCLUDING SOURCE(S):     PAREA1      ,
5270
5271                                      *** DISCRETE CARTESIAN RECEPTOR POINTS ***
5272
5273                                    ** CONC OF DPM      IN
                                        MICROGRAMS/M**3                          **
5274
5275        X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD
           (M)        CONC
5276    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      - - - - - - - - - - - - - - - - - - - -
5277          565311.63    4328586.05        0.00065                      565411.63
              4328586.05        0.00060
5278          565511.63    4328586.05        0.00061                      565611.63
              4328586.05        0.00056
5279          565711.63    4328586.05        0.00055                      565811.63
              4328586.05        0.00052
5280          565911.63    4328586.05        0.00047                      566011.63
              4328586.05        0.00044
5281          566111.63    4328586.05        0.00041                      566211.63
              4328586.05        0.00039
5282          566311.63    4328586.05        0.00039                      566411.63
              4328586.05        0.00038
5283          566511.63    4328586.05        0.00036                      560111.63
              4328686.05        0.00042
5284          560211.63    4328686.05        0.00049                      560311.63
              4328686.05        0.00053
5285          560411.63    4328686.05        0.00059                      560511.63
              4328686.05        0.00065
```

```
5286          560611.63    4328686.05        0.00070                    560711.63
              4328686.05         0.00075
5287          560811.63    4328686.05        0.00080                    560911.63
              4328686.05         0.00087
5288          561011.63    4328686.05        0.00090                    561111.63
              4328686.05         0.00101
5289          561211.63    4328686.05        0.00109                    561311.63
              4328686.05         0.00122
5290          561411.63    4328686.05        0.00138                    561511.63
              4328686.05         0.00153
5291          561611.63    4328686.05        0.00169                    561711.63
              4328686.05         0.00187
5292          561811.63    4328686.05        0.00207                    561911.63
              4328686.05         0.00229
5293          562011.63    4328686.05        0.00251                    562111.63
              4328686.05         0.00271
5294          562211.63    4328686.05        0.00287                    562311.63
              4328686.05         0.00305
5295          562411.63    4328686.05        0.00319                    562511.63
              4328686.05         0.00330
5296          562611.63    4328686.05        0.00338                    562711.63
              4328686.05         0.00327
5297          562811.63    4328686.05        0.00348                    562911.63
              4328686.05         0.00341
5298          563011.63    4328686.05        0.00318                    563111.63
              4328686.05         0.00337
5299          563211.63    4328686.05        0.00345                    563311.63
              4328686.05         0.00338
5300          563411.63    4328686.05        0.00308                    563511.63
              4328686.05         0.00323
5301          563611.63    4328686.05        0.00319                    563711.63
              4328686.05         0.00305
5302          563811.63    4328686.05        0.00264                    563911.63
              4328686.05         0.00252
5303          564011.63    4328686.05        0.00250                    564111.63
              4328686.05         0.00221
5304          564211.63    4328686.05        0.00200                    564311.63
              4328686.05         0.00181
5305          564411.63    4328686.05        0.00167                    564511.63
              4328686.05         0.00158
5306          564611.63    4328686.05        0.00127                    564711.63
              4328686.05         0.00123
5307          564811.63    4328686.05        0.00109                    564911.63
              4328686.05         0.00095
5308          565011.63    4328686.05        0.00084                    565111.63
              4328686.05         0.00075
5309          565211.63    4328686.05        0.00068                    565311.63
              4328686.05         0.00060
5310          565411.63    4328686.05        0.00056                    565511.63
              4328686.05         0.00052
5311          565611.63    4328686.05        0.00051                    565711.63
              4328686.05         0.00047
5312          565811.63    4328686.05        0.00045                    565911.63
              4328686.05         0.00042
5313          566011.63    4328686.05        0.00040                    566111.63
              4328686.05         0.00040
5314          566211.63    4328686.05        0.00038                    566311.63
              4328686.05         0.00038
5315          566411.63    4328686.05        0.00036                    566511.63
              4328686.05         0.00034
5316          560111.63    4328786.05        0.00047                    560211.63
              4328786.05         0.00051
5317  FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                        ***        11/14/24
5318   *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                        ***       11:46:05
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560311.63	4328786.05	0.00056	560411.63	4328786.05	0.00059
560511.63	4328786.05	0.00065	560611.63	4328786.05	0.00070
560711.63	4328786.05	0.00075	560811.63	4328786.05	0.00081
560911.63	4328786.05	0.00087	561011.63	4328786.05	0.00091
561111.63	4328786.05	0.00097	561211.63	4328786.05	0.00107
561311.63	4328786.05	0.00116	561411.63	4328786.05	0.00128
561511.63	4328786.05	0.00145	561611.63	4328786.05	0.00155
561711.63	4328786.05	0.00179	561811.63	4328786.05	0.00196
561911.63	4328786.05	0.00213	562011.63	4328786.05	0.00229
562111.63	4328786.05	0.00244	562211.63	4328786.05	0.00256
562311.63	4328786.05	0.00265	562411.63	4328786.05	0.00273
562511.63	4328786.05	0.00289	562611.63	4328786.05	0.00283
562711.63	4328786.05	0.00292	562811.63	4328786.05	0.00304
562911.63	4328786.05	0.00304	563011.63	4328786.05	0.00277
563111.63	4328786.05	0.00274	563211.63	4328786.05	0.00299
563311.63	4328786.05	0.00270	563411.63	4328786.05	0.00272
563511.63	4328786.05	0.00265	563611.63	4328786.05	0.00247
563711.63	4328786.05	0.00265	563811.63	4328786.05	0.00251
563911.63	4328786.05	0.00220	564011.63	4328786.05	0.00199
564111.63	4328786.05	0.00182	564211.63	4328786.05	0.00165
564311.63	4328786.05	0.00161	564411.63	4328786.05	0.00148
564511.63	4328786.05	0.00129	564611.63	4328786.05	0.00127
564711.63	4328786.05	0.00114	564811.63	4328786.05	0.00101
564911.63	4328786.05	0.00089	565011.63	4328786.05	0.00079
565111.63	4328786.05	0.00070	565211.63		

```
          4328786.05       0.00065
5356      565311.63    4328786.05       0.00060                    565411.63
          4328786.05       0.00055
5357      565511.63    4328786.05       0.00049                    565611.63
          4328786.05       0.00046
5358      565711.63    4328786.05       0.00044                    565811.63
          4328786.05       0.00042
5359      565911.63    4328786.05       0.00042                    566011.63
          4328786.05       0.00041
5360      566111.63    4328786.05       0.00037                    566211.63
          4328786.05       0.00038
5361      566311.63    4328786.05       0.00036                    566411.63
          4328786.05       0.00033
5362      566511.63    4328786.05       0.00033                    560111.63
          4328886.05       0.00050
5363      560211.63    4328886.05       0.00052                    560311.63
          4328886.05       0.00057
5364      560411.63    4328886.05       0.00060                    560511.63
          4328886.05       0.00066
5365      560611.63    4328886.05       0.00070                    560711.63
          4328886.05       0.00075
5366      560811.63    4328886.05       0.00081                    560911.63
          4328886.05       0.00086
5367      561011.63    4328886.05       0.00089                    561111.63
          4328886.05       0.00094
5368      561211.63    4328886.05       0.00102                    561311.63
          4328886.05       0.00110
5369      561411.63    4328886.05       0.00120                    561511.63
          4328886.05       0.00136
5370      561611.63    4328886.05       0.00145                    561711.63
          4328886.05       0.00169
5371 FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
     DPM                          ***        11/14/24
5372  *** AERMET - VERSION  19191 ***   *** Met data: Oroville
      2015-2019                                        ***       11:46:05
5373
                                 PAGE 101
5374  *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
5375
5376                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                        YEARS FOR SOURCE GROUP: ALL      ***
5377                                INCLUDING SOURCE(S):     PAREA1      ,
5378
5379                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***
5380
5381                                       ** CONC OF DPM      IN
                                           MICROGRAMS/M**3                          **
5382
5383        X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)   Y-COORD
            (M)        CONC
5384    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
5385          561811.63    4328886.05       0.00177                    561911.63
              4328886.05       0.00198
5386          562011.63    4328886.05       0.00208                    562111.63
              4328886.05       0.00216
5387          562211.63    4328886.05       0.00216                    562311.63
              4328886.05       0.00239
5388          562411.63    4328886.05       0.00237                    562511.63
              4328886.05       0.00255
5389          562611.63    4328886.05       0.00254                    562711.63
              4328886.05       0.00265
5390          562811.63    4328886.05       0.00255                    562911.63
              4328886.05       0.00268
5391          563011.63    4328886.05       0.00263                    563111.63
              4328886.05       0.00236
```

5392	563211.63	4328886.05	0.00263	563311.63
	4328886.05	0.00261		
5393	563411.63	4328886.05	0.00254	563511.63
	4328886.05	0.00221		
5394	563611.63	4328886.05	0.00228	563711.63
	4328886.05	0.00229		
5395	563811.63	4328886.05	0.00220	563911.63
	4328886.05	0.00196		
5396	564011.63	4328886.05	0.00181	564111.63
	4328886.05	0.00167		
5397	564211.63	4328886.05	0.00146	564311.63
	4328886.05	0.00136		
5398	564411.63	4328886.05	0.00125	564511.63
	4328886.05	0.00121		
5399	564611.63	4328886.05	0.00114	564711.63
	4328886.05	0.00106		
5400	564811.63	4328886.05	0.00091	564911.63
	4328886.05	0.00083		
5401	565011.63	4328886.05	0.00077	565111.63
	4328886.05	0.00069		
5402	565211.63	4328886.05	0.00060	565311.63
	4328886.05	0.00057		
5403	565411.63	4328886.05	0.00049	565511.63
	4328886.05	0.00047		
5404	565611.63	4328886.05	0.00046	565711.63
	4328886.05	0.00046		
5405	565811.63	4328886.05	0.00044	565911.63
	4328886.05	0.00040		
5406	566011.63	4328886.05	0.00037	566111.63
	4328886.05	0.00037		
5407	566211.63	4328886.05	0.00036	566311.63
	4328886.05	0.00034		
5408	566411.63	4328886.05	0.00033	566511.63
	4328886.05	0.00031		
5409	560111.63	4328986.05	0.00051	560211.63
	4328986.05	0.00054		
5410	560311.63	4328986.05	0.00058	560411.63
	4328986.05	0.00061		
5411	560511.63	4328986.05	0.00065	560611.63
	4328986.05	0.00070		
5412	560711.63	4328986.05	0.00075	560811.63
	4328986.05	0.00080		
5413	560911.63	4328986.05	0.00084	561011.63
	4328986.05	0.00090		
5414	561111.63	4328986.05	0.00100	561211.63
	4328986.05	0.00110		
5415	561311.63	4328986.05	0.00118	561411.63
	4328986.05	0.00114		
5416	561511.63	4328986.05	0.00124	561611.63
	4328986.05	0.00144		
5417	561711.63	4328986.05	0.00158	561811.63
	4328986.05	0.00163		
5418	561911.63	4328986.05	0.00181	562011.63
	4328986.05	0.00193		
5419	562111.63	4328986.05	0.00189	562211.63
	4328986.05	0.00210		
5420	562311.63	4328986.05	0.00204	562411.63
	4328986.05	0.00216		
5421	562511.63	4328986.05	0.00211	562611.63
	4328986.05	0.00218		
5422	562711.63	4328986.05	0.00226	562811.63
	4328986.05	0.00219		
5423	562911.63	4328986.05	0.00229	563011.63
	4328986.05	0.00235		
5424	563111.63	4328986.05	0.00209	563211.63
	4328986.05	0.00215		

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
563311.63	4328986.05	0.00215	563411.63	4328986.05	0.00213
563511.63	4328986.05	0.00207	563611.63	4328986.05	0.00190
563711.63	4328986.05	0.00186	563811.63	4328986.05	0.00187
563911.63	4328986.05	0.00181	564011.63	4328986.05	0.00164
564111.63	4328986.05	0.00149	564211.63	4328986.05	0.00129
564311.63	4328986.05	0.00120	564411.63	4328986.05	0.00112
564511.63	4328986.05	0.00104	564611.63	4328986.05	0.00109
564711.63	4328986.05	0.00097	564811.63	4328986.05	0.00084
564911.63	4328986.05	0.00075	565011.63	4328986.05	0.00070
565111.63	4328986.05	0.00063	565211.63	4328986.05	0.00057
565311.63	4328986.05	0.00051	565411.63	4328986.05	0.00048
565511.63	4328986.05	0.00049	565611.63	4328986.05	0.00046
565711.63	4328986.05	0.00043	565811.63	4328986.05	0.00040
565911.63	4328986.05	0.00037	566011.63	4328986.05	0.00037
566111.63	4328986.05	0.00036	566211.63	4328986.05	0.00034
566311.63	4328986.05	0.00032	566411.63	4328986.05	0.00031
566511.63	4328986.05	0.00030	560111.63	4329086.05	0.00050
560211.63	4329086.05	0.00050	560311.63	4329086.05	0.00058
560411.63	4329086.05	0.00061	560511.63	4329086.05	0.00065
560611.63	4329086.05	0.00069	560711.63	4329086.05	0.00075
560811.63	4329086.05	0.00081	560911.63	4329086.05	0.00086
561011.63	4329086.05	0.00093	561111.63	4329086.05	0.00100
561211.63	4329086.05	0.00107	561311.63		

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
561411.63	4329086.05	0.00114	561511.63	4329086.05	0.00118
561611.63	4329086.05	0.00142	561711.63	4329086.05	0.00152
561811.63	4329086.05	0.00151	561911.63	4329086.05	0.00160
562011.63	4329086.05	0.00178	562111.63	4329086.05	0.00169
562211.63	4329086.05	0.00188	562311.63	4329086.05	0.00198
562411.63	4329086.05	0.00197	562511.63	4329086.05	0.00196
562611.63	4329086.05	0.00196	562711.63	4329086.05	0.00190
562811.63	4329086.05	0.00192	562911.63	4329086.05	0.00204
563011.63	4329086.05	0.00211	563111.63	4329086.05	0.00190
563211.63	4329086.05	0.00201	563311.63	4329086.05	0.00197
563411.63	4329086.05	0.00181	563511.63	4329086.05	0.00176
563611.63	4329086.05	0.00178	563711.63	4329086.05	0.00166
563811.63	4329086.05	0.00153	563911.63	4329086.05	0.00151
564011.63	4329086.05	0.00146	564111.63	4329086.05	0.00140
564211.63	4329086.05	0.00117	564311.63	4329086.05	0.00110
564411.63	4329086.05	0.00104	564511.63	4329086.05	0.00096
564611.63	4329086.05	0.00100	564711.63	4329086.05	0.00093
564811.63	4329086.05	0.00084	564911.63	4329086.05	0.00074
565011.63	4329086.05	0.00065	565111.63	4329086.05	0.00058
565211.63	4329086.05	0.00053	565311.63	4329086.05	0.00049
565411.63	4329086.05	0.00049	565511.63	4329086.05	0.00047
565611.63	4329086.05	0.00043	565711.63	4329086.05	0.00040

5498	565811.63	4329086.05	0.00039	565911.63
	4329086.05	0.00037		
5499	566011.63	4329086.05	0.00035	566111.63
	4329086.05	0.00033		
5500	566211.63	4329086.05	0.00031	566311.63
	4329086.05	0.00030		
5501	566411.63	4329086.05	0.00029	566511.63
	4329086.05	0.00028		
5502	560111.63	4329186.05	0.00051	560211.63
	4329186.05	0.00054		
5503	560311.63	4329186.05	0.00058	560411.63
	4329186.05	0.00061		
5504	560511.63	4329186.05	0.00064	560611.63
	4329186.05	0.00069		
5505	560711.63	4329186.05	0.00074	560811.63
	4329186.05	0.00077		
5506	560911.63	4329186.05	0.00085	561011.63
	4329186.05	0.00090		
5507	561111.63	4329186.05	0.00098	561211.63
	4329186.05	0.00102		
5508	561311.63	4329186.05	0.00111	561411.63
	4329186.05	0.00113		
5509	561511.63	4329186.05	0.00113	561611.63
	4329186.05	0.00125		
5510	561711.63	4329186.05	0.00137	561811.63
	4329186.05	0.00143		
5511	561911.63	4329186.05	0.00148	562011.63
	4329186.05	0.00166		
5512	562111.63	4329186.05	0.00153	562211.63
	4329186.05	0.00177		
5513	562311.63	4329186.05	0.00181	562411.63
	4329186.05	0.00182		
5514	562511.63	4329186.05	0.00183	562611.63
	4329186.05	0.00184		
5515	562711.63	4329186.05	0.00176	562811.63
	4329186.05	0.00172		
5516	562911.63	4329186.05	0.00170	563011.63
	4329186.05	0.00174		
5517	563111.63	4329186.05	0.00169	563211.63
	4329186.05	0.00170		
5518	563311.63	4329186.05	0.00173	563411.63
	4329186.05	0.00168		
5519	563511.63	4329186.05	0.00160	563611.63
	4329186.05	0.00152		
5520	563711.63	4329186.05	0.00148	563811.63
	4329186.05	0.00138		
5521	563911.63	4329186.05	0.00129	564011.63
	4329186.05	0.00121		
5522	564111.63	4329186.05	0.00114	564211.63
	4329186.05	0.00105		
5523	564311.63	4329186.05	0.00098	564411.63
	4329186.05	0.00092		
5524	564511.63	4329186.05	0.00086	564611.63
	4329186.05	0.00092		
5525	564711.63	4329186.05	0.00082	564811.63
	4329186.05	0.00074		
5526	564911.63	4329186.05	0.00068	565011.63
	4329186.05	0.00062		
5527	565111.63	4329186.05	0.00056	565211.63
	4329186.05	0.00051		
5528	565311.63	4329186.05	0.00049	565411.63
	4329186.05	0.00046		
5529	565511.63	4329186.05	0.00045	565611.63
	4329186.05	0.00042		
5530	565711.63	4329186.05	0.00039	565811.63
	4329186.05	0.00037		

```
          565911.63    4329186.05        0.00036                      566011.63
          4329186.05        0.00033
          566111.63    4329186.05        0.00031                      566211.63
          4329186.05        0.00030
 *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
DPM                          ***        11/14/24
 *** AERMET - VERSION  19191 ***   *** Met data: Oroville
 2015-2019                                          ***       11:46:05

                                PAGE 104
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                   YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     PAREA1      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF DPM      IN
                                       MICROGRAMS/M**3                          **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD
       (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - -
          566311.63    4329186.05        0.00029                      566411.63
          4329186.05        0.00028
          566511.63    4329186.05        0.00027                      560111.63
          4329286.05        0.00050
          560211.63    4329286.05        0.00055                      560311.63
          4329286.05        0.00058
          560411.63    4329286.05        0.00061                      560511.63
          4329286.05        0.00064
          560611.63    4329286.05        0.00068                      560711.63
          4329286.05        0.00071
          560811.63    4329286.05        0.00077                      560911.63
          4329286.05        0.00080
          561011.63    4329286.05        0.00085                      561111.63
          4329286.05        0.00091
          561211.63    4329286.05        0.00096                      561311.63
          4329286.05        0.00107
          561411.63    4329286.05        0.00113                      561511.63
          4329286.05        0.00113
          561611.63    4329286.05        0.00114                      561711.63
          4329286.05        0.00120
          561811.63    4329286.05        0.00135                      561911.63
          4329286.05        0.00132
          562011.63    4329286.05        0.00150                      562111.63
          4329286.05        0.00141
          562211.63    4329286.05        0.00163                      562311.63
          4329286.05        0.00161
          562411.63    4329286.05        0.00166                      562511.63
          4329286.05        0.00164
          562611.63    4329286.05        0.00162                      562711.63
          4329286.05        0.00167
          562811.63    4329286.05        0.00170                      562911.63
          4329286.05        0.00166
          563011.63    4329286.05        0.00157                      563111.63
          4329286.05        0.00151
          563211.63    4329286.05        0.00157                      563311.63
          4329286.05        0.00152
          563411.63    4329286.05        0.00153                      563511.63
          4329286.05        0.00144
          563611.63    4329286.05        0.00135                      563711.63
          4329286.05        0.00133
          563811.63    4329286.05        0.00126                      563911.63
```

```
          4329286.05        0.00119
5568      564011.63    4329286.05        0.00110                    564111.63
          4329286.05        0.00103
5569      564211.63    4329286.05        0.00096                    564311.63
          4329286.05        0.00090
5570      564411.63    4329286.05        0.00086                    564511.63
          4329286.05        0.00081
5571      564611.63    4329286.05        0.00088                    564711.63
          4329286.05        0.00078
5572      564811.63    4329286.05        0.00070                    564911.63
          4329286.05        0.00066
5573      565011.63    4329286.05        0.00061                    565111.63
          4329286.05        0.00058
5574      565211.63    4329286.05        0.00048                    565311.63
          4329286.05        0.00047
5575      565411.63    4329286.05        0.00043                    565511.63
          4329286.05        0.00043
5576      565611.63    4329286.05        0.00039                    565711.63
          4329286.05        0.00036
5577      565811.63    4329286.05        0.00034                    565911.63
          4329286.05        0.00034
5578      566011.63    4329286.05        0.00032                    566111.63
          4329286.05        0.00031
5579      566211.63    4329286.05        0.00028                    566311.63
          4329286.05        0.00028
5580      566411.63    4329286.05        0.00027                    566511.63
          4329286.05        0.00026
5581      560111.63    4329386.05        0.00052                    560211.63
          4329386.05        0.00055
5582      560311.63    4329386.05        0.00057                    560411.63
          4329386.05        0.00059
5583      560511.63    4329386.05        0.00063                    560611.63
          4329386.05        0.00066
5584      560711.63    4329386.05        0.00070                    560811.63
          4329386.05        0.00073
5585      560911.63    4329386.05        0.00077                    561011.63
          4329386.05        0.00080
5586      561111.63    4329386.05        0.00085                    561211.63
          4329386.05        0.00092
5587  FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                        ***       11/14/24
5588   *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                    ***       11:46:05
5589
                                PAGE 105
5590   *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
5591
5592                     *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                         YEARS FOR SOURCE GROUP: ALL      ***
5593                                INCLUDING SOURCE(S):     PAREA1      ,
5594
5595                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***
5596
5597                                       ** CONC OF DPM      IN
                                          MICROGRAMS/M**3                          **
5598
5599         X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD
           (M)        CONC
5600   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
5601          561311.63    4329386.05        0.00104                    561411.63
              4329386.05        0.00111
5602          561511.63    4329386.05        0.00111                    561611.63
              4329386.05        0.00113
5603          561711.63    4329386.05        0.00114                    561811.63
              4329386.05        0.00117
```

```
5604            561911.63    4329386.05        0.00120                  562011.63
                4329386.05         0.00125
5605            562111.63    4329386.05        0.00130                  562211.63
                4329386.05         0.00134
5606            562311.63    4329386.05        0.00146                  562411.63
                4329386.05         0.00155
5607            562511.63    4329386.05        0.00155                  562611.63
                4329386.05         0.00154
5608            562711.63    4329386.05        0.00161                  562811.63
                4329386.05         0.00155
5609            562911.63    4329386.05        0.00149                  563011.63
                4329386.05         0.00153
5610            563111.63    4329386.05        0.00139                  563211.63
                4329386.05         0.00140
5611            563311.63    4329386.05        0.00136                  563411.63
                4329386.05         0.00140
5612            563511.63    4329386.05        0.00134                  563611.63
                4329386.05         0.00123
5613            563711.63    4329386.05        0.00126                  563811.63
                4329386.05         0.00118
5614            563911.63    4329386.05        0.00108                  564011.63
                4329386.05         0.00101
5615            564111.63    4329386.05        0.00096                  564211.63
                4329386.05         0.00088
5616            564311.63    4329386.05        0.00084                  564411.63
                4329386.05         0.00082
5617            564511.63    4329386.05        0.00078                  564611.63
                4329386.05         0.00083
5618            564711.63    4329386.05        0.00076                  564811.63
                4329386.05         0.00068
5619            564911.63    4329386.05        0.00065                  565011.63
                4329386.05         0.00061
5620            565111.63    4329386.05        0.00055                  565211.63
                4329386.05         0.00047
5621            565311.63    4329386.05        0.00044                  565411.63
                4329386.05         0.00040
5622            565511.63    4329386.05        0.00039                  565611.63
                4329386.05         0.00036
5623            565711.63    4329386.05        0.00035                  565811.63
                4329386.05         0.00032
5624            565911.63    4329386.05        0.00032                  566011.63
                4329386.05         0.00031
5625            566111.63    4329386.05        0.00029                  566211.63
                4329386.05         0.00027
5626            566311.63    4329386.05        0.00027                  566411.63
                4329386.05         0.00026
5627            566511.63    4329386.05        0.00025                  560111.63
                4329486.05         0.00052
5628            560211.63    4329486.05        0.00055                  560311.63
                4329486.05         0.00056
5629            560411.63    4329486.05        0.00058                  560511.63
                4329486.05         0.00062
5630            560611.63    4329486.05        0.00065                  560711.63
                4329486.05         0.00068
5631            560811.63    4329486.05        0.00071                  560911.63
                4329486.05         0.00075
5632            561011.63    4329486.05        0.00079                  561111.63
                4329486.05         0.00082
5633            561211.63    4329486.05        0.00086                  561311.63
                4329486.05         0.00091
5634            561411.63    4329486.05        0.00101                  561511.63
                4329486.05         0.00110
5635            561611.63    4329486.05        0.00111                  561711.63
                4329486.05         0.00118
5636            561811.63    4329486.05        0.00119                  561911.63
                4329486.05         0.00123
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
562011.63	4329486.05	0.00116	562111.63	4329486.05	0.00121
562211.63	4329486.05	0.00123	562311.63	4329486.05	0.00128
562411.63	4329486.05	0.00134	562511.63	4329486.05	0.00142
562611.63	4329486.05	0.00139	562711.63	4329486.05	0.00142
562811.63	4329486.05	0.00140	562911.63	4329486.05	0.00134
563011.63	4329486.05	0.00133	563111.63	4329486.05	0.00129
563211.63	4329486.05	0.00128	563311.63	4329486.05	0.00124
563411.63	4329486.05	0.00126	563511.63	4329486.05	0.00120
563611.63	4329486.05	0.00113	563711.63	4329486.05	0.00114
563811.63	4329486.05	0.00106	563911.63	4329486.05	0.00101
564011.63	4329486.05	0.00093	564111.63	4329486.05	0.00091
564211.63	4329486.05	0.00082	564311.63	4329486.05	0.00079
564411.63	4329486.05	0.00076	564511.63	4329486.05	0.00080
564611.63	4329486.05	0.00079	564711.63	4329486.05	0.00065
564811.63	4329486.05	0.00067	564911.63	4329486.05	0.00059
565011.63	4329486.05	0.00060	565111.63	4329486.05	0.00052
565211.63	4329486.05	0.00045	565311.63	4329486.05	0.00042
565411.63	4329486.05	0.00038	565511.63	4329486.05	0.00037
565611.63	4329486.05	0.00034	565711.63	4329486.05	0.00034
565811.63	4329486.05	0.00031	565911.63	4329486.05	0.00031
566011.63	4329486.05	0.00029	566111.63	4329486.05	0.00028
566211.63	4329486.05	0.00026	566311.63	4329486.05	0.00026
566411.63	4329486.05	0.00025	566511.63		

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
560111.63	4329586.05	0.00051	560211.63	4329586.05	0.00053
560311.63	4329586.05	0.00056	560411.63	4329586.05	0.00057
560511.63	4329586.05	0.00061	560611.63	4329586.05	0.00064
560711.63	4329586.05	0.00067	560811.63	4329586.05	0.00070
560911.63	4329586.05	0.00073	561011.63	4329586.05	0.00076
561111.63	4329586.05	0.00080	561211.63	4329586.05	0.00084
561311.63	4329586.05	0.00087	561411.63	4329586.05	0.00091
561511.63	4329586.05	0.00095	561611.63	4329586.05	0.00100
561711.63	4329586.05	0.00106	561811.63	4329586.05	0.00114
561911.63	4329586.05	0.00119	562011.63	4329586.05	0.00122
562111.63	4329586.05	0.00111	562211.63	4329586.05	0.00112
562311.63	4329586.05	0.00116	562411.63	4329586.05	0.00119
562511.63	4329586.05	0.00128	562611.63	4329586.05	0.00123
562711.63	4329586.05	0.00128	562811.63	4329586.05	0.00127
562911.63	4329586.05	0.00124	563011.63	4329586.05	0.00120
563111.63	4329586.05	0.00117	563211.63	4329586.05	0.00115
563311.63	4329586.05	0.00113	563411.63	4329586.05	0.00113
563511.63	4329586.05	0.00109	563611.63	4329586.05	0.00104
563711.63	4329586.05	0.00101	563811.63	4329586.05	0.00098
563911.63	4329586.05	0.00097	564011.63	4329586.05	0.00086
564111.63	4329586.05	0.00082	564211.63	4329586.05	0.00077
564311.63	4329586.05	0.00074	564411.63	4329586.05	0.00071

```
5710            564511.63    4329586.05        0.00079                564611.63
                4329586.05         0.00075
5711            564711.63    4329586.05        0.00063                564811.63
                4329586.05         0.00060
5712            564911.63    4329586.05        0.00055                565011.63
                4329586.05         0.00056
5713            565111.63    4329586.05        0.00051                565211.63
                4329586.05         0.00044
5714            565311.63    4329586.05        0.00040                565411.63
                4329586.05         0.00038
5715            565511.63    4329586.05        0.00035                565611.63
                4329586.05         0.00033
5716            565711.63    4329586.05        0.00033                565811.63
                4329586.05         0.00030
5717            565911.63    4329586.05        0.00030                566011.63
                4329586.05         0.00028
5718            566111.63    4329586.05        0.00027                566211.63
                4329586.05         0.00026
5719            566311.63    4329586.05        0.00025                566411.63
                4329586.05         0.00024
5720            566511.63    4329586.05        0.00023                560111.63
                4329686.05         0.00051
5721            560211.63    4329686.05        0.00053                560311.63
                4329686.05         0.00055
5722            560411.63    4329686.05        0.00057                560511.63
                4329686.05         0.00059
5723            560611.63    4329686.05        0.00062                560711.63
                4329686.05         0.00065
5724            560811.63    4329686.05        0.00068                560911.63
                4329686.05         0.00071
5725            561011.63    4329686.05        0.00074                561111.63
                4329686.05         0.00077
5726            561211.63    4329686.05        0.00081                561311.63
                4329686.05         0.00084
5727            561411.63    4329686.05        0.00088                561511.63
                4329686.05         0.00091
5728            561611.63    4329686.05        0.00094                561711.63
                4329686.05         0.00097
5729            561811.63    4329686.05        0.00100                561911.63
                4329686.05         0.00102
5730            562011.63    4329686.05        0.00104                562111.63
                4329686.05         0.00107
5731            562211.63    4329686.05        0.00105                562311.63
                4329686.05         0.00107
5732            562411.63    4329686.05        0.00109                562511.63
                4329686.05         0.00118
5733            562611.63    4329686.05        0.00112                562711.63
                4329686.05         0.00117
5734            562811.63    4329686.05        0.00115                562911.63
                4329686.05         0.00113
5735            563011.63    4329686.05        0.00114                563111.63
                4329686.05         0.00111
5736            563211.63    4329686.05        0.00107                563311.63
                4329686.05         0.00104
5737            563411.63    4329686.05        0.00105                563511.63
                4329686.05         0.00101
5738            563611.63    4329686.05        0.00096                563711.63
                4329686.05         0.00092
5739            563811.63    4329686.05        0.00089                563911.63
                4329686.05         0.00086
5740            564011.63    4329686.05        0.00080                564111.63
                4329686.05         0.00076
5741            564211.63    4329686.05        0.00072                564311.63
                4329686.05         0.00070
5742            564411.63    4329686.05        0.00068                564511.63
                4329686.05         0.00074
```

```
5743          564611.63    4329686.05        0.00065                        564711.63
              4329686.05        0.00058
5744          564811.63    4329686.05        0.00058                        564911.63
              4329686.05        0.00052
5745          565011.63    4329686.05        0.00049                        565111.63
              4329686.05        0.00047
5746          565211.63    4329686.05        0.00043                        565311.63
              4329686.05        0.00039
5747          565411.63    4329686.05        0.00037                        565511.63
              4329686.05        0.00034
5748          565611.63    4329686.05        0.00032                        565711.63
              4329686.05        0.00030
5749   FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                          ***        11/14/24
5750    *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                          ***        11:46:05
5751
                                  PAGE 108
5752    *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
5753
5754                      *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                          YEARS FOR SOURCE GROUP: ALL      ***
5755                                 INCLUDING SOURCE(S):     PAREA1      ,
5756
5757                                              *** DISCRETE CARTESIAN RECEPTOR POINTS ***
5758
5759                                           ** CONC OF DPM      IN
                                               MICROGRAMS/M**3                          **
5760
5761          X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)   Y-COORD
              (M)        CONC
5762   - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       - - - - - - - - - - - - - - - - - - - -
5763          565811.63    4329686.05        0.00029                        565911.63
              4329686.05        0.00028
5764          566011.63    4329686.05        0.00027                        566111.63
              4329686.05        0.00026
5765          566211.63    4329686.05        0.00025                        566311.63
              4329686.05        0.00024
5766          566411.63    4329686.05        0.00023                        566511.63
              4329686.05        0.00023
5767          560111.63    4329786.05        0.00051                        560211.63
              4329786.05        0.00053
5768          560311.63    4329786.05        0.00054                        560411.63
              4329786.05        0.00056
5769          560511.63    4329786.05        0.00058                        560611.63
              4329786.05        0.00061
5770          560711.63    4329786.05        0.00064                        560811.63
              4329786.05        0.00066
5771          560911.63    4329786.05        0.00069                        561011.63
              4329786.05        0.00072
5772          561111.63    4329786.05        0.00075                        561211.63
              4329786.05        0.00078
5773          561311.63    4329786.05        0.00081                        561411.63
              4329786.05        0.00084
5774          561511.63    4329786.05        0.00087                        561611.63
              4329786.05        0.00089
5775          561711.63    4329786.05        0.00091                        561811.63
              4329786.05        0.00093
5776          561911.63    4329786.05        0.00095                        562011.63
              4329786.05        0.00096
5777          562111.63    4329786.05        0.00097                        562211.63
              4329786.05        0.00098
5778          562311.63    4329786.05        0.00099                        562411.63
              4329786.05        0.00100
5779          562511.63    4329786.05        0.00103                        562611.63
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
562711.63	4329786.05	0.00107	562811.63	4329786.05	0.00103
562911.63	4329786.05	0.00106	563011.63	4329786.05	0.00107
563111.63	4329786.05	0.00104	563211.63	4329786.05	0.00105
563311.63	4329786.05	0.00096	563411.63	4329786.05	0.00100
563511.63	4329786.05	0.00095	563611.63	4329786.05	0.00095
563711.63	4329786.05	0.00086	563811.63	4329786.05	0.00090
563911.63	4329786.05	0.00079	564011.63	4329786.05	0.00083
564111.63	4329786.05	0.00071	564211.63	4329786.05	0.00075
564311.63	4329786.05	0.00065	564411.63	4329786.05	0.00068
564511.63	4329786.05	0.00065	564611.63	4329786.05	0.00068
564711.63	4329786.05	0.00056	564811.63	4329786.05	0.00062
564911.63	4329786.05	0.00050	565011.63	4329786.05	0.00053
565111.63	4329786.05	0.00045	565211.63	4329786.05	0.00046
565311.63	4329786.05	0.00038	565411.63	4329786.05	0.00041
565511.63	4329786.05	0.00034	565611.63	4329786.05	0.00036
565711.63	4329786.05	0.00029	565811.63	4329786.05	0.00032
565911.63	4329786.05	0.00027	566011.63	4329786.05	0.00028
566111.63	4329786.05	0.00025	566211.63	4329786.05	0.00026
566311.63	4329786.05	0.00023	566411.63	4329786.05	0.00024
566511.63	4329786.05	0.00022	560111.63	4329886.05	0.00023
560211.63	4329886.05	0.00052	560311.63	4329886.05	0.00050
560411.63	4329886.05	0.00055	560511.63	4329886.05	0.00053
560611.63	4329886.05	0.00059	560711.63	4329886.05	0.00056
560811.63	4329886.05	0.00062			

5816 -

5817 560811.63 4329886.05 0.00065 560911.63 4329886.05 0.00067

5818 561011.63 4329886.05 0.00070 561111.63 4329886.05 0.00073

5819 561211.63 4329886.05 0.00076 561311.63 4329886.05 0.00078

5820 561411.63 4329886.05 0.00080 561511.63 4329886.05 0.00083

5821 561611.63 4329886.05 0.00085 561711.63 4329886.05 0.00087

5822 561811.63 4329886.05 0.00088 561911.63 4329886.05 0.00089

5823 562011.63 4329886.05 0.00090 562111.63 4329886.05 0.00091

5824 562211.63 4329886.05 0.00092 562311.63 4329886.05 0.00093

5825 562411.63 4329886.05 0.00093 562511.63 4329886.05 0.00094

5826 562611.63 4329886.05 0.00095 562711.63 4329886.05 0.00096

5827 562811.63 4329886.05 0.00095 562911.63 4329886.05 0.00096

5828 563011.63 4329886.05 0.00095 563111.63 4329886.05 0.00095

5829 563211.63 4329886.05 0.00094 563311.63 4329886.05 0.00090

5830 563411.63 4329886.05 0.00088 563511.63 4329886.05 0.00087

5831 563611.63 4329886.05 0.00084 563711.63 4329886.05 0.00080

5832 563811.63 4329886.05 0.00076 563911.63 4329886.05 0.00074

5833 564011.63 4329886.05 0.00071 564111.63 4329886.05 0.00067

5834 564211.63 4329886.05 0.00064 564311.63 4329886.05 0.00062

5835 564411.63 4329886.05 0.00066 564511.63 4329886.05 0.00059

5836 564611.63 4329886.05 0.00056 564711.63 4329886.05 0.00052

5837 564811.63 4329886.05 0.00050 564911.63 4329886.05 0.00050

5838 565011.63 4329886.05 0.00046 565111.63 4329886.05 0.00042

5839 565211.63 4329886.05 0.00039 565311.63 4329886.05 0.00037

5840 565411.63 4329886.05 0.00035 565511.63 4329886.05 0.00032

5841 565611.63 4329886.05 0.00030 565711.63 4329886.05 0.00029

5842 565811.63 4329886.05 0.00027 565911.63 4329886.05 0.00026

5843 566011.63 4329886.05 0.00025 566111.63 4329886.05 0.00024

5844 566211.63 4329886.05 0.00024 566311.63 4329886.05 0.00023

5845 566411.63 4329886.05 0.00022 566511.63 4329886.05 0.00021

5846 560111.63 4329986.05 0.00050 560211.63 4329986.05 0.00051

5847 560311.63 4329986.05 0.00053 560411.63 4329986.05 0.00054

5848 560511.63 4329986.05 0.00055 560611.63 4329986.05 0.00057

```
560711.63   4329986.05      0.00060                         560811.63   4329986.05      0.00063
560911.63   4329986.05      0.00065                         561011.63   4329986.05      0.00068
561111.63   4329986.05      0.00070                         561211.63   4329986.05      0.00073
561311.63   4329986.05      0.00075                         561411.63   4329986.05      0.00077
561511.63   4329986.05      0.00079                         561611.63   4329986.05      0.00081
561711.63   4329986.05      0.00083                         561811.63   4329986.05      0.00084
561911.63   4329986.05      0.00085                         562011.63   4329986.05      0.00085
562111.63   4329986.05      0.00086                         562211.63   4329986.05      0.00087
 *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-DPM                ***        11/14/24
 *** AERMET - VERSION  19191 ***   *** Met data: Oroville 2015-2019                                         ***        11:46:05

                             PAGE 110
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                               INCLUDING SOURCE(S):     PAREA1      ,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF DPM      IN MICROGRAMS/M**3                          **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
562311.63   4329986.05      0.00087                         562411.63   4329986.05      0.00088
562511.63   4329986.05      0.00087                         562611.63   4329986.05      0.00088
562711.63   4329986.05      0.00088                         562811.63   4329986.05      0.00088
562911.63   4329986.05      0.00087                         563011.63   4329986.05      0.00087
563111.63   4329986.05      0.00087                         563211.63   4329986.05      0.00087
563311.63   4329986.05      0.00084                         563411.63   4329986.05      0.00081
563511.63   4329986.05      0.00080                         563611.63   4329986.05      0.00078
563711.63   4329986.05      0.00075                         563811.63   4329986.05      0.00072
563911.63   4329986.05      0.00069                         564011.63   4329986.05      0.00067
564111.63   4329986.05      0.00064                         564211.63   4329986.05      0.00061
564311.63   4329986.05      0.00059                         564411.63   4329986.05      0.00063
564511.63   4329986.05      0.00056                         564611.63   4329986.05      0.00053
564711.63   4329986.05      0.00049                         564811.63   4329986.05      0.00048
564911.63   4329986.05      0.00046                         565011.63   4329986.05      0.00044
565111.63   4329986.05      0.00042                         565211.63
```

```
                4329986.05        0.00039
5886            565311.63    4329986.05        0.00036                    565411.63
                4329986.05        0.00034
5887            565511.63    4329986.05        0.00032                    565611.63
                4329986.05        0.00030
5888            565711.63    4329986.05        0.00028                    565811.63
                4329986.05        0.00027
5889            565911.63    4329986.05        0.00025                    566011.63
                4329986.05        0.00024
5890            566111.63    4329986.05        0.00024                    566211.63
                4329986.05        0.00023
5891            566311.63    4329986.05        0.00022                    566411.63
                4329986.05        0.00021
5892            566511.63    4329986.05        0.00021                    560111.63
                4330086.05        0.00049
5893            560211.63    4330086.05        0.00051                    560311.63
                4330086.05        0.00052
5894            560411.63    4330086.05        0.00053                    560511.63
                4330086.05        0.00055
5895            560611.63    4330086.05        0.00057                    560711.63
                4330086.05        0.00059
5896            560811.63    4330086.05        0.00061                    560911.63
                4330086.05        0.00063
5897            561011.63    4330086.05        0.00066                    561111.63
                4330086.05        0.00068
5898            561211.63    4330086.05        0.00070                    561311.63
                4330086.05        0.00072
5899            561411.63    4330086.05        0.00074                    561511.63
                4330086.05        0.00076
5900            561611.63    4330086.05        0.00077                    561711.63
                4330086.05        0.00078
5901            561811.63    4330086.05        0.00079                    561911.63
                4330086.05        0.00080
5902            562011.63    4330086.05        0.00080                    562111.63
                4330086.05        0.00081
5903            562211.63    4330086.05        0.00082                    562311.63
                4330086.05        0.00082
5904            562411.63    4330086.05        0.00082                    562511.63
                4330086.05        0.00083
5905            562611.63    4330086.05        0.00082                    562711.63
                4330086.05        0.00082
5906            562811.63    4330086.05        0.00081                    562911.63
                4330086.05        0.00081
5907            563011.63    4330086.05        0.00080                    563111.63
                4330086.05        0.00080
5908            563211.63    4330086.05        0.00079                    563311.63
                4330086.05        0.00078
5909            563411.63    4330086.05        0.00077                    563511.63
                4330086.05        0.00074
5910            563611.63    4330086.05        0.00073                    563711.63
                4330086.05        0.00071
5911 FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
     DPM                          ***        11/14/24
5912  *** AERMET - VERSION  19191 ***   *** Met data: Oroville
      2015-2019                                        ***       11:46:05
5913
                                  PAGE 111
5914  *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
5915
5916                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                        YEARS FOR SOURCE GROUP: ALL      ***
5917                                INCLUDING SOURCE(S):     PAREA1      ,
5918
5919                                             *** DISCRETE CARTESIAN RECEPTOR POINTS ***
5920
5921                                          ** CONC OF DPM      IN
```

MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
563811.63	4330086.05	0.00067	563911.63	4330086.05	0.00065
564011.63	4330086.05	0.00063	564111.63	4330086.05	0.00060
564211.63	4330086.05	0.00058	564311.63	4330086.05	0.00056
564411.63	4330086.05	0.00055	564511.63	4330086.05	0.00053
564611.63	4330086.05	0.00050	564711.63	4330086.05	0.00047
564811.63	4330086.05	0.00046	564911.63	4330086.05	0.00043
565011.63	4330086.05	0.00041	565111.63	4330086.05	0.00039
565211.63	4330086.05	0.00038	565311.63	4330086.05	0.00035
565411.63	4330086.05	0.00033	565511.63	4330086.05	0.00031
565611.63	4330086.05	0.00029	565711.63	4330086.05	0.00027
565811.63	4330086.05	0.00026	565911.63	4330086.05	0.00025
566011.63	4330086.05	0.00024	566111.63	4330086.05	0.00023
566211.63	4330086.05	0.00022	566311.63	4330086.05	0.00022
566411.63	4330086.05	0.00021	566511.63	4330086.05	0.00020
560111.63	4330186.05	0.00048	560211.63	4330186.05	0.00049
560311.63	4330186.05	0.00051	560411.63	4330186.05	0.00052
560511.63	4330186.05	0.00053	560611.63	4330186.05	0.00055
560711.63	4330186.05	0.00057	560811.63	4330186.05	0.00059
560911.63	4330186.05	0.00061	561011.63	4330186.05	0.00063
561111.63	4330186.05	0.00065	561211.63	4330186.05	0.00067
561311.63	4330186.05	0.00069	561411.63	4330186.05	0.00071
561511.63	4330186.05	0.00072	561611.63	4330186.05	0.00074
561711.63	4330186.05	0.00075	561811.63	4330186.05	0.00075
561911.63	4330186.05	0.00076	562011.63	4330186.05	0.00076
562111.63	4330186.05	0.00077	562211.63	4330186.05	0.00077
562311.63	4330186.05	0.00078	562411.63	4330186.05	0.00078
562511.63	4330186.05	0.00078	562611.63	4330186.05	0.00078
562711.63	4330186.05	0.00077	562811.63	4330186.05	0.00076
562911.63	4330186.05	0.00076	563011.63	4330186.05	0.00075
563111.63	4330186.05	0.00074	563211.63	4330186.05	0.00073

```
          563311.63    4330186.05        0.00072                      563411.63
          4330186.05        0.00071
          563511.63    4330186.05        0.00069                      563611.63
          4330186.05        0.00068
          563711.63    4330186.05        0.00066                      563811.63
          4330186.05        0.00064
          563911.63    4330186.05        0.00061                      564011.63
          4330186.05        0.00059
          564111.63    4330186.05        0.00057                      564211.63
          4330186.05        0.00055
          564311.63    4330186.05        0.00053                      564411.63
          4330186.05        0.00052
          564511.63    4330186.05        0.00050                      564611.63
          4330186.05        0.00048
          564711.63    4330186.05        0.00045                      564811.63
          4330186.05        0.00043
          564911.63    4330186.05        0.00041                      565011.63
          4330186.05        0.00040
          565111.63    4330186.05        0.00038                      565211.63
          4330186.05        0.00036
FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
DPM                          ***        11/14/24
 *** AERMET - VERSION  19191 ***   *** Met data: Oroville
 2015-2019                                        ***       11:46:05

                                PAGE 112
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                   YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     PAREA1      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                               ** CONC OF DPM      IN
                                               MICROGRAMS/M**3                          **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)   Y-COORD
       (M)        CONC
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -
          565311.63    4330186.05        0.00034                      565411.63
          4330186.05        0.00032
          565511.63    4330186.05        0.00030                      565611.63
          4330186.05        0.00028
          565711.63    4330186.05        0.00026                      565811.63
          4330186.05        0.00025
          565911.63    4330186.05        0.00024                      566011.63
          4330186.05        0.00023
          566111.63    4330186.05        0.00022                      566211.63
          4330186.05        0.00022
          566311.63    4330186.05        0.00021                      566411.63
          4330186.05        0.00020
          566511.63    4330186.05        0.00020                      560111.63
          4330286.05        0.00047
          560211.63    4330286.05        0.00049                      560311.63
          4330286.05        0.00050
          560411.63    4330286.05        0.00051                      560511.63
          4330286.05        0.00052
          560611.63    4330286.05        0.00054                      560711.63
          4330286.05        0.00055
          560811.63    4330286.05        0.00057                      560911.63
          4330286.05        0.00059
          561011.63    4330286.05        0.00061                      561111.63
          4330286.05        0.00063
          561211.63    4330286.05        0.00065                      561311.63
```

```
                4330286.05        0.00067
5992            561411.63    4330286.05        0.00068                    561511.63
                4330286.05        0.00069
5993            561611.63    4330286.05        0.00070                    561711.63
                4330286.05        0.00071
5994            561811.63    4330286.05        0.00072                    561911.63
                4330286.05        0.00072
5995            562011.63    4330286.05        0.00072                    562111.63
                4330286.05        0.00073
5996            562211.63    4330286.05        0.00073                    562311.63
                4330286.05        0.00074
5997            562411.63    4330286.05        0.00074                    562511.63
                4330286.05        0.00073
5998            562611.63    4330286.05        0.00073                    562711.63
                4330286.05        0.00073
5999            562811.63    4330286.05        0.00072                    562911.63
                4330286.05        0.00071
6000            563011.63    4330286.05        0.00070                    563111.63
                4330286.05        0.00070
6001            563211.63    4330286.05        0.00069                    563311.63
                4330286.05        0.00068
6002            563411.63    4330286.05        0.00067                    563511.63
                4330286.05        0.00065
6003            563611.63    4330286.05        0.00064                    563711.63
                4330286.05        0.00062
6004            563811.63    4330286.05        0.00060                    563911.63
                4330286.05        0.00058
6005            564011.63    4330286.05        0.00056                    564111.63
                4330286.05        0.00054
6006            564211.63    4330286.05        0.00053                    564311.63
                4330286.05        0.00051
6007            564411.63    4330286.05        0.00049                    564511.63
                4330286.05        0.00047
6008            564611.63    4330286.05        0.00045                    564711.63
                4330286.05        0.00044
6009            564811.63    4330286.05        0.00042                    564911.63
                4330286.05        0.00040
6010            565011.63    4330286.05        0.00038                    565111.63
                4330286.05        0.00037
6011            565211.63    4330286.05        0.00035                    565311.63
                4330286.05        0.00033
6012            565411.63    4330286.05        0.00031                    565511.63
                4330286.05        0.00029
6013            565611.63    4330286.05        0.00028                    565711.63
                4330286.05        0.00026
6014            565811.63    4330286.05        0.00025                    565911.63
                4330286.05        0.00023
6015            566011.63    4330286.05        0.00023                    566111.63
                4330286.05        0.00022
6016            566211.63    4330286.05        0.00021                    566311.63
                4330286.05        0.00021
6017            566411.63    4330286.05        0.00020                    566511.63
                4330286.05        0.00019
6018            542111.63    4306586.05        0.00000                    543111.63
                4306586.05        0.00000
6019  FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                          ***        11/14/24
6020   *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                          ***       11:46:05
6021
                                  PAGE 113
6022   *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
6023
6024                     *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                         YEARS FOR SOURCE GROUP: ALL      ***
6025                                INCLUDING SOURCE(S):     PAREA1      ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
544111.63	4306586.05	0.00000	545111.63	4306586.05	0.00000
546111.63	4306586.05	0.00000	547111.63	4306586.05	0.00000
548111.63	4306586.05	0.00000	549111.63	4306586.05	0.00000
550111.63	4306586.05	0.00000	551111.63	4306586.05	0.00000
552111.63	4306586.05	0.00000	553111.63	4306586.05	0.00000
554111.63	4306586.05	0.00000	555111.63	4306586.05	0.00000
556111.63	4306586.05	0.00000	557111.63	4306586.05	0.00000
558111.63	4306586.05	0.00000	559111.63	4306586.05	0.00000
560111.63	4306586.05	0.00000	561111.63	4306586.05	0.00000
562111.63	4306586.05	0.00000	563111.63	4306586.05	0.00000
564111.63	4306586.05	0.00000	565111.63	4306586.05	0.00001
566111.63	4306586.05	0.00000	567111.63	4306586.05	0.00000
568111.63	4306586.05	0.00000	569111.63	4306586.05	0.00000
570111.63	4306586.05	0.00000	571111.63	4306586.05	0.00000
572111.63	4306586.05	0.00000	573111.63	4306586.05	0.00000
574111.63	4306586.05	0.00000	575111.63	4306586.05	0.00000
576111.63	4306586.05	0.00001	577111.63	4306586.05	0.00001
578111.63	4306586.05	0.00001	579111.63	4306586.05	0.00002
580111.63	4306586.05	0.00002	581111.63	4306586.05	0.00002
582111.63	4306586.05	0.00002	583111.63	4306586.05	0.00002
584111.63	4306586.05	0.00002	542111.63	4307586.05	0.00000
543111.63	4307586.05	0.00000	544111.63	4307586.05	0.00000
545111.63	4307586.05	0.00000	546111.63	4307586.05	0.00000
547111.63	4307586.05	0.00000	548111.63	4307586.05	0.00000
549111.63	4307586.05	0.00000	550111.63	4307586.05	0.00000
551111.63	4307586.05	0.00000	552111.63	4307586.05	0.00000
553111.63	4307586.05	0.00000	554111.63	4307586.05	0.00000
555111.63	4307586.05	0.00000	556111.63	4307586.05	0.00000

```
          557111.63    4307586.05       0.00000                      558111.63
          4307586.05       0.00000
          559111.63    4307586.05       0.00000                      560111.63
          4307586.05       0.00000
          561111.63    4307586.05       0.00000                      562111.63
          4307586.05       0.00000
          563111.63    4307586.05       0.00000                      564111.63
          4307586.05       0.00000
          565111.63    4307586.05       0.00000                      566111.63
          4307586.05       0.00000
          567111.63    4307586.05       0.00000                      568111.63
          4307586.05       0.00000
          569111.63    4307586.05       0.00000                      570111.63
          4307586.05       0.00000
          571111.63    4307586.05       0.00000                      572111.63
          4307586.05       0.00000
          573111.63    4307586.05       0.00000                      574111.63
          4307586.05       0.00000
          575111.63    4307586.05       0.00001                      576111.63
          4307586.05       0.00001
          577111.63    4307586.05       0.00001                      578111.63
          4307586.05       0.00002
          579111.63    4307586.05       0.00002                      580111.63
          4307586.05       0.00002
FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
DPM                          ***        11/14/24
 *** AERMET - VERSION  19191 ***   *** Met data: Oroville
 2015-2019                                          ***        11:46:05

                                PAGE 114
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                   YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     PAREA1      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF DPM      IN
                                     MICROGRAMS/M**3                          **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)   Y-COORD
       (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - -
          581111.63    4307586.05       0.00003                      582111.63
          4307586.05       0.00002
          583111.63    4307586.05       0.00002                      584111.63
          4307586.05       0.00002
          542111.63    4308586.05       0.00000                      543111.63
          4308586.05       0.00000
          544111.63    4308586.05       0.00000                      545111.63
          4308586.05       0.00000
          546111.63    4308586.05       0.00000                      547111.63
          4308586.05       0.00000
          548111.63    4308586.05       0.00000                      549111.63
          4308586.05       0.00000
          550111.63    4308586.05       0.00000                      551111.63
          4308586.05       0.00000
          552111.63    4308586.05       0.00000                      553111.63
          4308586.05       0.00000
          554111.63    4308586.05       0.00000                      555111.63
          4308586.05       0.00000
          556111.63    4308586.05       0.00000                      557111.63
          4308586.05       0.00000
          558111.63    4308586.05       0.00000                      559111.63
```

```
                4308586.05        0.00000
6098            560111.63    4308586.05        0.00000                     561111.63
                4308586.05        0.00000
6099            562111.63    4308586.05        0.00000                     563111.63
                4308586.05        0.00000
6100            564111.63    4308586.05        0.00000                     565111.63
                4308586.05        0.00000
6101            566111.63    4308586.05        0.00000                     567111.63
                4308586.05        0.00000
6102            568111.63    4308586.05        0.00000                     569111.63
                4308586.05        0.00000
6103            570111.63    4308586.05        0.00000                     571111.63
                4308586.05        0.00000
6104            572111.63    4308586.05        0.00000                     573111.63
                4308586.05        0.00000
6105            574111.63    4308586.05        0.00001                     575111.63
                4308586.05        0.00001
6106            576111.63    4308586.05        0.00001                     577111.63
                4308586.05        0.00002
6107            578111.63    4308586.05        0.00002                     579111.63
                4308586.05        0.00003
6108            580111.63    4308586.05        0.00003                     581111.63
                4308586.05        0.00003
6109            582111.63    4308586.05        0.00003                     583111.63
                4308586.05        0.00003
6110            584111.63    4308586.05        0.00003                     542111.63
                4309586.05        0.00000
6111            543111.63    4309586.05        0.00000                     544111.63
                4309586.05        0.00000
6112            545111.63    4309586.05        0.00000                     546111.63
                4309586.05        0.00000
6113            547111.63    4309586.05        0.00000                     548111.63
                4309586.05        0.00000
6114            549111.63    4309586.05        0.00000                     550111.63
                4309586.05        0.00000
6115            551111.63    4309586.05        0.00000                     552111.63
                4309586.05        0.00000
6116            553111.63    4309586.05        0.00000                     554111.63
                4309586.05        0.00000
6117            555111.63    4309586.05        0.00000                     556111.63
                4309586.05        0.00000
6118            557111.63    4309586.05        0.00000                     558111.63
                4309586.05        0.00000
6119            559111.63    4309586.05        0.00000                     560111.63
                4309586.05        0.00000
6120            561111.63    4309586.05        0.00000                     562111.63
                4309586.05        0.00000
6121            563111.63    4309586.05        0.00000                     564111.63
                4309586.05        0.00000
6122            565111.63    4309586.05        0.00000                     566111.63
                4309586.05        0.00000
6123            567111.63    4309586.05        0.00000                     568111.63
                4309586.05        0.00000
6124            569111.63    4309586.05        0.00000                     570111.63
                4309586.05        0.00000
6125            571111.63    4309586.05        0.00000                     572111.63
                4309586.05        0.00001
6126            573111.63    4309586.05        0.00001                     574111.63
                4309586.05        0.00001
6127    FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
        DPM                        ***       11/14/24
6128     *** AERMET - VERSION  19191 ***   *** Met data: Oroville
         2015-2019                                    ***       11:46:05
6129
                                  PAGE 115
6130     *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
```

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
575111.63	4309586.05	0.00001	576111.63	4309586.05	0.00001
577111.63	4309586.05	0.00002	578111.63	4309586.05	0.00002
579111.63	4309586.05	0.00003	580111.63	4309586.05	0.00003
581111.63	4309586.05	0.00003	582111.63	4309586.05	0.00003
583111.63	4309586.05	0.00003	584111.63	4309586.05	0.00003
542111.63	4310586.05	0.00000	543111.63	4310586.05	0.00000
544111.63	4310586.05	0.00000	545111.63	4310586.05	0.00000
546111.63	4310586.05	0.00000	547111.63	4310586.05	0.00000
548111.63	4310586.05	0.00000	549111.63	4310586.05	0.00000
550111.63	4310586.05	0.00000	551111.63	4310586.05	0.00000
552111.63	4310586.05	0.00000	553111.63	4310586.05	0.00000
554111.63	4310586.05	0.00000	555111.63	4310586.05	0.00000
556111.63	4310586.05	0.00000	557111.63	4310586.05	0.00000
558111.63	4310586.05	0.00000	559111.63	4310586.05	0.00000
560111.63	4310586.05	0.00000	561111.63	4310586.05	0.00000
562111.63	4310586.05	0.00000	563111.63	4310586.05	0.00000
564111.63	4310586.05	0.00000	565111.63	4310586.05	0.00000
566111.63	4310586.05	0.00000	567111.63	4310586.05	0.00000
568111.63	4310586.05	0.00000	569111.63	4310586.05	0.00000
570111.63	4310586.05	0.00000	571111.63	4310586.05	0.00000
572111.63	4310586.05	0.00000	573111.63	4310586.05	0.00001
574111.63	4310586.05	0.00001	575111.63	4310586.05	0.00002
576111.63	4310586.05	0.00002	577111.63	4310586.05	0.00003
578111.63	4310586.05	0.00003	579111.63	4310586.05	0.00003
580111.63	4310586.05	0.00003	581111.63	4310586.05	0.00003
582111.63	4310586.05	0.00003	583111.63	4310586.05	0.00003

```
          584111.63    4310586.05        0.00003                      542111.63
          4311586.05         0.00000
          543111.63    4311586.05        0.00000                      544111.63
          4311586.05         0.00000
          545111.63    4311586.05        0.00000                      546111.63
          4311586.05         0.00000
          547111.63    4311586.05        0.00000                      548111.63
          4311586.05         0.00000
          549111.63    4311586.05        0.00000                      550111.63
          4311586.05         0.00000
          551111.63    4311586.05        0.00000                      552111.63
          4311586.05         0.00000
          553111.63    4311586.05        0.00000                      554111.63
          4311586.05         0.00000
          555111.63    4311586.05        0.00000                      556111.63
          4311586.05         0.00000
          557111.63    4311586.05        0.00000                      558111.63
          4311586.05         0.00000
          559111.63    4311586.05        0.00000                      560111.63
          4311586.05         0.00000
          561111.63    4311586.05        0.00000                      562111.63
          4311586.05         0.00000
          563111.63    4311586.05        0.00000                      564111.63
          4311586.05         0.00000
          565111.63    4311586.05        0.00000                      566111.63
          4311586.05         0.00000
          567111.63    4311586.05        0.00000                      568111.63
          4311586.05         0.00000
FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
DPM                          ***        11/14/24
 *** AERMET - VERSION  19191 ***   *** Met data: Oroville
 2015-2019                                        ***        11:46:05

                              PAGE 116
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                   YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     PAREA1      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF DPM      IN
                                     MICROGRAMS/M**3                          **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD
       (M)        CONC
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -
          569111.63    4311586.05        0.00000                      570111.63
          4311586.05         0.00000
          571111.63    4311586.05        0.00000                      572111.63
          4311586.05         0.00001
          573111.63    4311586.05        0.00001                      574111.63
          4311586.05         0.00001
          575111.63    4311586.05        0.00001                      576111.63
          4311586.05         0.00002
          577111.63    4311586.05        0.00003                      578111.63
          4311586.05         0.00003
          579111.63    4311586.05        0.00003                      580111.63
          4311586.05         0.00003
          581111.63    4311586.05        0.00003                      582111.63
          4311586.05         0.00003
          583111.63    4311586.05        0.00003                      584111.63
          4311586.05         0.00003
          542111.63    4312586.05        0.00000                      543111.63
```

```
                4312586.05        0.00000
6204            544111.63    4312586.05        0.00000                    545111.63
                4312586.05        0.00000
6205            546111.63    4312586.05        0.00000                    547111.63
                4312586.05        0.00000
6206            548111.63    4312586.05        0.00000                    549111.63
                4312586.05        0.00000
6207            550111.63    4312586.05        0.00000                    551111.63
                4312586.05        0.00000
6208            552111.63    4312586.05        0.00000                    553111.63
                4312586.05        0.00000
6209            554111.63    4312586.05        0.00000                    555111.63
                4312586.05        0.00000
6210            556111.63    4312586.05        0.00000                    557111.63
                4312586.05        0.00000
6211            558111.63    4312586.05        0.00000                    559111.63
                4312586.05        0.00000
6212            560111.63    4312586.05        0.00000                    561111.63
                4312586.05        0.00000
6213            562111.63    4312586.05        0.00000                    563111.63
                4312586.05        0.00000
6214            564111.63    4312586.05        0.00000                    565111.63
                4312586.05        0.00000
6215            566111.63    4312586.05        0.00000                    567111.63
                4312586.05        0.00000
6216            568111.63    4312586.05        0.00000                    569111.63
                4312586.05        0.00000
6217            570111.63    4312586.05        0.00000                    571111.63
                4312586.05        0.00000
6218            572111.63    4312586.05        0.00001                    573111.63
                4312586.05        0.00001
6219            574111.63    4312586.05        0.00001                    575111.63
                4312586.05        0.00002
6220            576111.63    4312586.05        0.00003                    577111.63
                4312586.05        0.00004
6221            578111.63    4312586.05        0.00004                    579111.63
                4312586.05        0.00004
6222            580111.63    4312586.05        0.00004                    581111.63
                4312586.05        0.00004
6223            582111.63    4312586.05        0.00004                    583111.63
                4312586.05        0.00004
6224            584111.63    4312586.05        0.00003                    542111.63
                4313586.05        0.00000
6225            543111.63    4313586.05        0.00000                    544111.63
                4313586.05        0.00000
6226            545111.63    4313586.05        0.00000                    546111.63
                4313586.05        0.00000
6227            547111.63    4313586.05        0.00000                    548111.63
                4313586.05        0.00000
6228            549111.63    4313586.05        0.00000                    550111.63
                4313586.05        0.00000
6229            551111.63    4313586.05        0.00000                    552111.63
                4313586.05        0.00000
6230            553111.63    4313586.05        0.00000                    554111.63
                4313586.05        0.00000
6231            555111.63    4313586.05        0.00000                    556111.63
                4313586.05        0.00000
6232            557111.63    4313586.05        0.00000                    558111.63
                4313586.05        0.00000
6233            559111.63    4313586.05        0.00000                    560111.63
                4313586.05        0.00000
6234            561111.63    4313586.05        0.00000                    562111.63
                4313586.05        0.00000
6235 FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
     DPM                       ***         11/14/24
6236  *** AERMET - VERSION  19191 ***   *** Met data: Oroville
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
563111.63	4313586.05	0.00000	564111.63	4313586.05	0.00000
565111.63	4313586.05	0.00000	566111.63	4313586.05	0.00000
567111.63	4313586.05	0.00000	568111.63	4313586.05	0.00000
569111.63	4313586.05	0.00000	570111.63	4313586.05	0.00001
571111.63	4313586.05	0.00001	572111.63	4313586.05	0.00001
573111.63	4313586.05	0.00002	574111.63	4313586.05	0.00002
575111.63	4313586.05	0.00003	576111.63	4313586.05	0.00004
577111.63	4313586.05	0.00004	578111.63	4313586.05	0.00004
579111.63	4313586.05	0.00004	580111.63	4313586.05	0.00004
581111.63	4313586.05	0.00004	582111.63	4313586.05	0.00004
583111.63	4313586.05	0.00004	584111.63	4313586.05	0.00003
542111.63	4314586.05	0.00000	543111.63	4314586.05	0.00000
544111.63	4314586.05	0.00000	545111.63	4314586.05	0.00000
546111.63	4314586.05	0.00000	547111.63	4314586.05	0.00000
548111.63	4314586.05	0.00000	549111.63	4314586.05	0.00000
550111.63	4314586.05	0.00000	551111.63	4314586.05	0.00000
552111.63	4314586.05	0.00000	553111.63	4314586.05	0.00000
554111.63	4314586.05	0.00000	555111.63	4314586.05	0.00000
556111.63	4314586.05	0.00000	557111.63	4314586.05	0.00000
558111.63	4314586.05	0.00000	559111.63	4314586.05	0.00000
560111.63	4314586.05	0.00000	561111.63	4314586.05	0.00000
562111.63	4314586.05	0.00000	563111.63	4314586.05	0.00000
564111.63	4314586.05	0.00001	565111.63	4314586.05	0.00000
566111.63	4314586.05	0.00001	567111.63	4314586.05	0.00000

```
6273          568111.63    4314586.05       0.00000                    569111.63
              4314586.05       0.00000
6274          570111.63    4314586.05       0.00001                    571111.63
              4314586.05       0.00001
6275          572111.63    4314586.05       0.00001                    573111.63
              4314586.05       0.00002
6276          574111.63    4314586.05       0.00003                    575111.63
              4314586.05       0.00004
6277          576111.63    4314586.05       0.00004                    577111.63
              4314586.05       0.00005
6278          578111.63    4314586.05       0.00005                    579111.63
              4314586.05       0.00005
6279          580111.63    4314586.05       0.00004                    581111.63
              4314586.05       0.00004
6280          582111.63    4314586.05       0.00004                    583111.63
              4314586.05       0.00004
6281          584111.63    4314586.05       0.00003                    542111.63
              4315586.05       0.00000
6282          543111.63    4315586.05       0.00000                    544111.63
              4315586.05       0.00000
6283          545111.63    4315586.05       0.00000                    546111.63
              4315586.05       0.00000
6284          547111.63    4315586.05       0.00000                    548111.63
              4315586.05       0.00000
6285          549111.63    4315586.05       0.00000                    550111.63
              4315586.05       0.00000
6286          551111.63    4315586.05       0.00000                    552111.63
              4315586.05       0.00000
6287          553111.63    4315586.05       0.00000                    554111.63
              4315586.05       0.00000
6288          555111.63    4315586.05       0.00000                    556111.63
              4315586.05       0.00000
6289  FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                          ***        11/14/24
6290   *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                        ***        11:46:05
6291
                                  PAGE 118
6292   *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
6293
6294                     *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                         YEARS FOR SOURCE GROUP: ALL      ***
6295                                INCLUDING SOURCE(S):     PAREA1      ,
6296
6297                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***
6298
6299                                       ** CONC OF DPM      IN
                                           MICROGRAMS/M**3                          **
6300
6301          X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD
              (M)        CONC
6302    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
6303          557111.63    4315586.05       0.00000                    558111.63
              4315586.05       0.00000
6304          559111.63    4315586.05       0.00000                    560111.63
              4315586.05       0.00000
6305          561111.63    4315586.05       0.00000                    562111.63
              4315586.05       0.00000
6306          563111.63    4315586.05       0.00001                    564111.63
              4315586.05       0.00000
6307          565111.63    4315586.05       0.00000                    566111.63
              4315586.05       0.00000
6308          567111.63    4315586.05       0.00000                    568111.63
              4315586.05       0.00000
6309          569111.63    4315586.05       0.00001                    570111.63
```

	4315586.05	0.00001		
6310	571111.63	4315586.05	0.00001	572111.63
	4315586.05	0.00002		
6311	573111.63	4315586.05	0.00003	574111.63
	4315586.05	0.00003		
6312	575111.63	4315586.05	0.00005	576111.63
	4315586.05	0.00005		
6313	577111.63	4315586.05	0.00005	578111.63
	4315586.05	0.00005		
6314	579111.63	4315586.05	0.00005	580111.63
	4315586.05	0.00005		
6315	581111.63	4315586.05	0.00004	582111.63
	4315586.05	0.00004		
6316	583111.63	4315586.05	0.00004	584111.63
	4315586.05	0.00003		
6317	542111.63	4316586.05	0.00000	543111.63
	4316586.05	0.00000		
6318	544111.63	4316586.05	0.00000	545111.63
	4316586.05	0.00000		
6319	546111.63	4316586.05	0.00000	547111.63
	4316586.05	0.00000		
6320	548111.63	4316586.05	0.00000	549111.63
	4316586.05	0.00000		
6321	550111.63	4316586.05	0.00000	551111.63
	4316586.05	0.00000		
6322	552111.63	4316586.05	0.00000	553111.63
	4316586.05	0.00000		
6323	554111.63	4316586.05	0.00000	555111.63
	4316586.05	0.00000		
6324	556111.63	4316586.05	0.00000	557111.63
	4316586.05	0.00000		
6325	558111.63	4316586.05	0.00000	559111.63
	4316586.05	0.00000		
6326	560111.63	4316586.05	0.00000	561111.63
	4316586.05	0.00000		
6327	562111.63	4316586.05	0.00000	563111.63
	4316586.05	0.00000		
6328	564111.63	4316586.05	0.00002	565111.63
	4316586.05	0.00001		
6329	566111.63	4316586.05	0.00000	567111.63
	4316586.05	0.00001		
6330	568111.63	4316586.05	0.00001	569111.63
	4316586.05	0.00001		
6331	570111.63	4316586.05	0.00001	571111.63
	4316586.05	0.00002		
6332	572111.63	4316586.05	0.00002	573111.63
	4316586.05	0.00003		
6333	574111.63	4316586.05	0.00004	575111.63
	4316586.05	0.00006		
6334	576111.63	4316586.05	0.00006	577111.63
	4316586.05	0.00006		
6335	578111.63	4316586.05	0.00006	579111.63
	4316586.05	0.00005		
6336	580111.63	4316586.05	0.00005	581111.63
	4316586.05	0.00004		
6337	582111.63	4316586.05	0.00004	583111.63
	4316586.05	0.00004		
6338	584111.63	4316586.05	0.00003	542111.63
	4317586.05	0.00000		
6339	543111.63	4317586.05	0.00000	544111.63
	4317586.05	0.00000		
6340	545111.63	4317586.05	0.00000	546111.63
	4317586.05	0.00000		
6341	547111.63	4317586.05	0.00000	548111.63
	4317586.05	0.00000		
6342	549111.63	4317586.05	0.00000	550111.63

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
551111.63	4317586.05	0.00000	552111.63	4317586.05	0.00000
553111.63	4317586.05	0.00000	554111.63	4317586.05	0.00000
555111.63	4317586.05	0.00000	556111.63	4317586.05	0.00000
557111.63	4317586.05	0.00000	558111.63	4317586.05	0.00000
559111.63	4317586.05	0.00000	560111.63	4317586.05	0.00000
561111.63	4317586.05	0.00000	562111.63	4317586.05	0.00000
563111.63	4317586.05	0.00001	564111.63	4317586.05	0.00002
565111.63	4317586.05	0.00001	566111.63	4317586.05	0.00000
567111.63	4317586.05	0.00001	568111.63	4317586.05	0.00001
569111.63	4317586.05	0.00002	570111.63	4317586.05	0.00002
571111.63	4317586.05	0.00002	572111.63	4317586.05	0.00003
573111.63	4317586.05	0.00004	574111.63	4317586.05	0.00006
575111.63	4317586.05	0.00007	576111.63	4317586.05	0.00007
577111.63	4317586.05	0.00006	578111.63	4317586.05	0.00006
579111.63	4317586.05	0.00005	580111.63	4317586.05	0.00005
581111.63	4317586.05	0.00004	582111.63	4317586.05	0.00004
583111.63	4317586.05	0.00004	584111.63	4317586.05	0.00003
542111.63	4318586.05	0.00000	543111.63	4318586.05	0.00000
544111.63	4318586.05	0.00000	545111.63	4318586.05	0.00000
546111.63	4318586.05	0.00000	547111.63	4318586.05	0.00000
548111.63	4318586.05	0.00000	549111.63	4318586.05	0.00000
550111.63	4318586.05	0.00000	551111.63	4318586.05	0.00000

```
6379          552111.63    4318586.05       0.00000                    553111.63
              4318586.05       0.00000
6380          554111.63    4318586.05       0.00000                    555111.63
              4318586.05       0.00000
6381          556111.63    4318586.05       0.00000                    557111.63
              4318586.05       0.00000
6382          558111.63    4318586.05       0.00000                    559111.63
              4318586.05       0.00000
6383          560111.63    4318586.05       0.00000                    561111.63
              4318586.05       0.00000
6384          562111.63    4318586.05       0.00000                    563111.63
              4318586.05       0.00001
6385          564111.63    4318586.05       0.00001                    565111.63
              4318586.05       0.00001
6386          566111.63    4318586.05       0.00001                    567111.63
              4318586.05       0.00001
6387          568111.63    4318586.05       0.00001                    569111.63
              4318586.05       0.00002
6388          570111.63    4318586.05       0.00003                    571111.63
              4318586.05       0.00004
6389          572111.63    4318586.05       0.00008                    573111.63
              4318586.05       0.00008
6390          574111.63    4318586.05       0.00008                    575111.63
              4318586.05       0.00008
6391          576111.63    4318586.05       0.00007                    577111.63
              4318586.05       0.00006
6392          578111.63    4318586.05       0.00006                    579111.63
              4318586.05       0.00005
6393          580111.63    4318586.05       0.00005                    581111.63
              4318586.05       0.00004
6394          582111.63    4318586.05       0.00004                    583111.63
              4318586.05       0.00004
6395          584111.63    4318586.05       0.00004                    542111.63
              4319586.05       0.00000
6396          543111.63    4319586.05       0.00000                    544111.63
              4319586.05       0.00000
6397  FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                        ***        11/14/24
6398   *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                        ***       11:46:05
6399
                                  PAGE 120
6400   *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
6401
6402                     *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                         YEARS FOR SOURCE GROUP: ALL      ***
6403                                INCLUDING SOURCE(S):     PAREA1      ,
6404
6405                                     *** DISCRETE CARTESIAN RECEPTOR POINTS ***
6406
6407                                    ** CONC OF DPM      IN
                                        MICROGRAMS/M**3                          **
6408
6409          X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD
              (M)        CONC
6410    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
6411          545111.63    4319586.05       0.00000                    546111.63
              4319586.05       0.00000
6412          547111.63    4319586.05       0.00000                    548111.63
              4319586.05       0.00000
6413          549111.63    4319586.05       0.00000                    550111.63
              4319586.05       0.00000
6414          551111.63    4319586.05       0.00000                    552111.63
              4319586.05       0.00000
6415          553111.63    4319586.05       0.00000                    554111.63
```

	4319586.05	0.00000		
6416	555111.63	4319586.05	0.00000	556111.63
	4319586.05	0.00000		
6417	557111.63	4319586.05	0.00000	558111.63
	4319586.05	0.00000		
6418	559111.63	4319586.05	0.00000	560111.63
	4319586.05	0.00000		
6419	561111.63	4319586.05	0.00000	562111.63
	4319586.05	0.00000		
6420	563111.63	4319586.05	0.00001	564111.63
	4319586.05	0.00003		
6421	565111.63	4319586.05	0.00005	566111.63
	4319586.05	0.00001		
6422	567111.63	4319586.05	0.00001	568111.63
	4319586.05	0.00002		
6423	569111.63	4319586.05	0.00003	570111.63
	4319586.05	0.00005		
6424	571111.63	4319586.05	0.00007	572111.63
	4319586.05	0.00007		
6425	573111.63	4319586.05	0.00009	574111.63
	4319586.05	0.00009		
6426	575111.63	4319586.05	0.00008	576111.63
	4319586.05	0.00007		
6427	577111.63	4319586.05	0.00006	578111.63
	4319586.05	0.00006		
6428	579111.63	4319586.05	0.00005	580111.63
	4319586.05	0.00005		
6429	581111.63	4319586.05	0.00004	582111.63
	4319586.05	0.00004		
6430	583111.63	4319586.05	0.00004	584111.63
	4319586.05	0.00004		
6431	542111.63	4320586.05	0.00000	543111.63
	4320586.05	0.00000		
6432	544111.63	4320586.05	0.00000	545111.63
	4320586.05	0.00000		
6433	546111.63	4320586.05	0.00000	547111.63
	4320586.05	0.00000		
6434	548111.63	4320586.05	0.00000	549111.63
	4320586.05	0.00000		
6435	550111.63	4320586.05	0.00000	551111.63
	4320586.05	0.00000		
6436	552111.63	4320586.05	0.00000	553111.63
	4320586.05	0.00000		
6437	554111.63	4320586.05	0.00000	555111.63
	4320586.05	0.00000		
6438	556111.63	4320586.05	0.00000	557111.63
	4320586.05	0.00000		
6439	558111.63	4320586.05	0.00000	559111.63
	4320586.05	0.00000		
6440	560111.63	4320586.05	0.00000	561111.63
	4320586.05	0.00000		
6441	562111.63	4320586.05	0.00000	563111.63
	4320586.05	0.00001		
6442	564111.63	4320586.05	0.00002	565111.63
	4320586.05	0.00003		
6443	566111.63	4320586.05	0.00008	567111.63
	4320586.05	0.00002		
6444	568111.63	4320586.05	0.00003	569111.63
	4320586.05	0.00003		
6445	570111.63	4320586.05	0.00004	571111.63
	4320586.05	0.00005		
6446	572111.63	4320586.05	0.00011	573111.63
	4320586.05	0.00010		
6447	574111.63	4320586.05	0.00009	575111.63
	4320586.05	0.00008		
6448	576111.63	4320586.05	0.00007	577111.63

```
                                                        4320586.05       0.00006
           578111.63   4320586.05        0.00006                             579111.63   4320586.05       0.00005
           580111.63   4320586.05        0.00005                             581111.63   4320586.05       0.00005
 *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-DPM                  ***        11/14/24
 *** AERMET - VERSION  19191 ***   *** Met data: Oroville 2015-2019                                  ***        11:46:05

                              PAGE 121
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL

                         *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                    INCLUDING SOURCE(S):     PAREA1      ,

                                               *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                           ** CONC OF DPM      IN MICROGRAMS/M**3                          **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         582111.63   4320586.05        0.00005                             583111.63   4320586.05       0.00005
         584111.63   4320586.05        0.00004                             542111.63   4321586.05       0.00000
         543111.63   4321586.05        0.00000                             544111.63   4321586.05       0.00000
         545111.63   4321586.05        0.00000                             546111.63   4321586.05       0.00000
         547111.63   4321586.05        0.00000                             548111.63   4321586.05       0.00000
         549111.63   4321586.05        0.00000                             550111.63   4321586.05       0.00000
         551111.63   4321586.05        0.00000                             552111.63   4321586.05       0.00000
         553111.63   4321586.05        0.00000                             554111.63   4321586.05       0.00000
         555111.63   4321586.05        0.00000                             556111.63   4321586.05       0.00000
         557111.63   4321586.05        0.00000                             558111.63   4321586.05       0.00000
         559111.63   4321586.05        0.00000                             560111.63   4321586.05       0.00000
         561111.63   4321586.05        0.00000                             562111.63   4321586.05       0.00001
         563111.63   4321586.05        0.00001                             564111.63   4321586.05       0.00002
         565111.63   4321586.05        0.00006                             566111.63   4321586.05       0.00005
         567111.63   4321586.05        0.00013                             568111.63   4321586.05       0.00005
         569111.63   4321586.05        0.00005                             570111.63   4321586.05       0.00006
         571111.63   4321586.05        0.00012                             572111.63   4321586.05       0.00013
         573111.63   4321586.05        0.00011                             574111.63   4321586.05       0.00009
         575111.63   4321586.05        0.00008                             576111.63   4321586.05       0.00007
         577111.63   4321586.05        0.00007                             578111.63   4321586.05       0.00006
```

```
        579111.63   4321586.05       0.00006                            580111.63   4321586.05       0.00006
        581111.63   4321586.05       0.00006                            582111.63   4321586.05       0.00005
        583111.63   4321586.05       0.00005                            584111.63   4321586.05       0.00005
        542111.63   4322586.05       0.00000                            543111.63   4322586.05       0.00000
        544111.63   4322586.05       0.00000                            545111.63   4322586.05       0.00000
        546111.63   4322586.05       0.00000                            547111.63   4322586.05       0.00000
        548111.63   4322586.05       0.00000                            549111.63   4322586.05       0.00000
        550111.63   4322586.05       0.00000                            551111.63   4322586.05       0.00000
        552111.63   4322586.05       0.00000                            553111.63   4322586.05       0.00000
        554111.63   4322586.05       0.00000                            555111.63   4322586.05       0.00000
        556111.63   4322586.05       0.00000                            557111.63   4322586.05       0.00000
        558111.63   4322586.05       0.00000                            559111.63   4322586.05       0.00000
        560111.63   4322586.05       0.00000                            561111.63   4322586.05       0.00000
        562111.63   4322586.05       0.00001                            563111.63   4322586.05       0.00001
        564111.63   4322586.05       0.00002                            565111.63   4322586.05       0.00002
        566111.63   4322586.05       0.00005                            567111.63   4322586.05       0.00010
        568111.63   4322586.05       0.00019                            569111.63   4322586.05       0.00019
        570111.63   4322586.05       0.00012                            571111.63   4322586.05       0.00015
        572111.63   4322586.05       0.00012                            573111.63   4322586.05       0.00010
        574111.63   4322586.05       0.00009                            575111.63   4322586.05       0.00008
FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-DPM                ***        11/14/24
 *** AERMET - VERSION  19191 ***   *** Met data: Oroville 2015-2019                                   ***        11:46:05

                                             PAGE 122
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     PAREA1      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF DPM      IN MICROGRAMS/M**3                              **

      X-COORD (M)   Y-COORD (M)        CONC                           X-COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        576111.63   4322586.05       0.00008                            577111.63   4322586.05       0.00008
        578111.63   4322586.05       0.00007                            579111.63   4322586.05       0.00007
        580111.63   4322586.05       0.00006                            581111.63
```

	4322586.05	0.00006		
6522	582111.63	4322586.05	0.00006	583111.63
	4322586.05	0.00005		
6523	584111.63	4322586.05	0.00005	542111.63
	4323586.05	0.00000		
6524	543111.63	4323586.05	0.00000	544111.63
	4323586.05	0.00000		
6525	545111.63	4323586.05	0.00000	546111.63
	4323586.05	0.00000		
6526	547111.63	4323586.05	0.00000	548111.63
	4323586.05	0.00000		
6527	549111.63	4323586.05	0.00000	550111.63
	4323586.05	0.00000		
6528	551111.63	4323586.05	0.00000	552111.63
	4323586.05	0.00000		
6529	553111.63	4323586.05	0.00000	554111.63
	4323586.05	0.00000		
6530	555111.63	4323586.05	0.00000	556111.63
	4323586.05	0.00000		
6531	557111.63	4323586.05	0.00000	558111.63
	4323586.05	0.00000		
6532	559111.63	4323586.05	0.00000	560111.63
	4323586.05	0.00000		
6533	561111.63	4323586.05	0.00001	562111.63
	4323586.05	0.00003		
6534	563111.63	4323586.05	0.00006	564111.63
	4323586.05	0.00007		
6535	565111.63	4323586.05	0.00004	566111.63
	4323586.05	0.00007		
6536	567111.63	4323586.05	0.00013	568111.63
	4323586.05	0.00019		
6537	569111.63	4323586.05	0.00023	570111.63
	4323586.05	0.00019		
6538	571111.63	4323586.05	0.00015	572111.63
	4323586.05	0.00013		
6539	573111.63	4323586.05	0.00011	574111.63
	4323586.05	0.00011		
6540	575111.63	4323586.05	0.00010	576111.63
	4323586.05	0.00009		
6541	577111.63	4323586.05	0.00009	578111.63
	4323586.05	0.00008		
6542	579111.63	4323586.05	0.00007	580111.63
	4323586.05	0.00007		
6543	581111.63	4323586.05	0.00006	582111.63
	4323586.05	0.00006		
6544	583111.63	4323586.05	0.00006	584111.63
	4323586.05	0.00005		
6545	542111.63	4324586.05	0.00000	543111.63
	4324586.05	0.00000		
6546	544111.63	4324586.05	0.00000	545111.63
	4324586.05	0.00000		
6547	546111.63	4324586.05	0.00000	547111.63
	4324586.05	0.00000		
6548	548111.63	4324586.05	0.00000	549111.63
	4324586.05	0.00000		
6549	550111.63	4324586.05	0.00000	551111.63
	4324586.05	0.00000		
6550	552111.63	4324586.05	0.00000	553111.63
	4324586.05	0.00000		
6551	554111.63	4324586.05	0.00000	555111.63
	4324586.05	0.00000		
6552	556111.63	4324586.05	0.00000	557111.63
	4324586.05	0.00001		
6553	558111.63	4324586.05	0.00000	559111.63
	4324586.05	0.00000		
6554	567111.63	4324586.05	0.00018	568111.63

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
569111.63	4324586.05	0.00026			
570111.63	4324586.05	0.00024	571111.63	4324586.05	0.00020
572111.63	4324586.05	0.00017	573111.63	4324586.05	0.00015
574111.63	4324586.05	0.00013	575111.63	4324586.05	0.00012
576111.63	4324586.05	0.00011	577111.63	4324586.05	0.00010
578111.63	4324586.05	0.00009	579111.63	4324586.05	0.00008
580111.63	4324586.05	0.00007	581111.63	4324586.05	0.00007
582111.63	4324586.05	0.00006	583111.63	4324586.05	0.00006
584111.63	4324586.05	0.00005	542111.63	4325586.05	0.00000
543111.63	4325586.05	0.00000	544111.63	4325586.05	0.00000
545111.63	4325586.05	0.00000	546111.63	4325586.05	0.00000
547111.63	4325586.05	0.00000	548111.63	4325586.05	0.00000
549111.63	4325586.05	0.00000	550111.63	4325586.05	0.00000
551111.63	4325586.05	0.00000	552111.63	4325586.05	0.00000
553111.63	4325586.05	0.00001	554111.63	4325586.05	0.00001
555111.63	4325586.05	0.00001	556111.63	4325586.05	0.00001
557111.63	4325586.05	0.00001	558111.63	4325586.05	0.00001
559111.63	4325586.05	0.00001	567111.63	4325586.05	0.00040
568111.63	4325586.05	0.00034	569111.63	4325586.05	0.00028
570111.63	4325586.05	0.00023	571111.63	4325586.05	0.00019
572111.63	4325586.05	0.00016	573111.63	4325586.05	0.00014
574111.63	4325586.05	0.00012	575111.63	4325586.05	0.00011
576111.63	4325586.05	0.00010			

```
          577111.63    4325586.05        0.00009                      578111.63
          4325586.05         0.00008
          579111.63    4325586.05        0.00008                      580111.63
          4325586.05         0.00007
          581111.63    4325586.05        0.00007                      582111.63
          4325586.05         0.00006
          583111.63    4325586.05        0.00006                      584111.63
          4325586.05         0.00005
          542111.63    4326586.05        0.00000                      543111.63
          4326586.05         0.00000
          544111.63    4326586.05        0.00000                      545111.63
          4326586.05         0.00000
          546111.63    4326586.05        0.00000                      547111.63
          4326586.05         0.00000
          548111.63    4326586.05        0.00000                      549111.63
          4326586.05         0.00000
          550111.63    4326586.05        0.00000                      551111.63
          4326586.05         0.00000
          552111.63    4326586.05        0.00001                      553111.63
          4326586.05         0.00000
          554111.63    4326586.05        0.00001                      555111.63
          4326586.05         0.00001
          556111.63    4326586.05        0.00001                      557111.63
          4326586.05         0.00001
          558111.63    4326586.05        0.00001                      559111.63
          4326586.05         0.00002
          567111.63    4326586.05        0.00058                      568111.63
          4326586.05         0.00041
          569111.63    4326586.05        0.00030                      570111.63
          4326586.05         0.00023
          571111.63    4326586.05        0.00019                      572111.63
          4326586.05         0.00016
          573111.63    4326586.05        0.00014                      574111.63
          4326586.05         0.00012
          575111.63    4326586.05        0.00011                      576111.63
          4326586.05         0.00010
          577111.63    4326586.05        0.00009                      578111.63
          4326586.05         0.00008
          579111.63    4326586.05        0.00007                      580111.63
          4326586.05         0.00007
          581111.63    4326586.05        0.00006                      582111.63
          4326586.05         0.00006
          583111.63    4326586.05        0.00006                      584111.63
          4326586.05         0.00005
FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
DPM                          ***        11/14/24
 *** AERMET - VERSION  19191 ***   *** Met data: Oroville
 2015-2019                                          ***        11:46:05

                                PAGE 124
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                   YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     PAREA1      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                      ** CONC OF DPM      IN
                                      MICROGRAMS/M**3                          **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD
       (M)        CONC
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -
          542111.63    4327586.05        0.00000                      543111.63
```

	4327586.05	0.00000		
6628	544111.63	4327586.05	0.00000	545111.63
	4327586.05	0.00000		
6629	546111.63	4327586.05	0.00000	547111.63
	4327586.05	0.00000		
6630	548111.63	4327586.05	0.00000	549111.63
	4327586.05	0.00000		
6631	550111.63	4327586.05	0.00000	551111.63
	4327586.05	0.00000		
6632	552111.63	4327586.05	0.00001	553111.63
	4327586.05	0.00001		
6633	554111.63	4327586.05	0.00001	555111.63
	4327586.05	0.00001		
6634	556111.63	4327586.05	0.00002	557111.63
	4327586.05	0.00001		
6635	558111.63	4327586.05	0.00001	559111.63
	4327586.05	0.00003		
6636	567111.63	4327586.05	0.00046	568111.63
	4327586.05	0.00035		
6637	569111.63	4327586.05	0.00026	570111.63
	4327586.05	0.00021		
6638	571111.63	4327586.05	0.00018	572111.63
	4327586.05	0.00015		
6639	573111.63	4327586.05	0.00013	574111.63
	4327586.05	0.00011		
6640	575111.63	4327586.05	0.00010	576111.63
	4327586.05	0.00009		
6641	577111.63	4327586.05	0.00008	578111.63
	4327586.05	0.00008		
6642	579111.63	4327586.05	0.00007	580111.63
	4327586.05	0.00006		
6643	581111.63	4327586.05	0.00006	582111.63
	4327586.05	0.00006		
6644	583111.63	4327586.05	0.00005	584111.63
	4327586.05	0.00005		
6645	542111.63	4328586.05	0.00000	543111.63
	4328586.05	0.00000		
6646	544111.63	4328586.05	0.00000	545111.63
	4328586.05	0.00000		
6647	546111.63	4328586.05	0.00000	547111.63
	4328586.05	0.00000		
6648	548111.63	4328586.05	0.00000	549111.63
	4328586.05	0.00000		
6649	550111.63	4328586.05	0.00000	551111.63
	4328586.05	0.00000		
6650	552111.63	4328586.05	0.00001	553111.63
	4328586.05	0.00001		
6651	554111.63	4328586.05	0.00001	555111.63
	4328586.05	0.00001		
6652	556111.63	4328586.05	0.00002	557111.63
	4328586.05	0.00002		
6653	558111.63	4328586.05	0.00004	559111.63
	4328586.05	0.00005		
6654	567111.63	4328586.05	0.00031	568111.63
	4328586.05	0.00024		
6655	569111.63	4328586.05	0.00019	570111.63
	4328586.05	0.00017		
6656	571111.63	4328586.05	0.00015	572111.63
	4328586.05	0.00013		
6657	573111.63	4328586.05	0.00011	574111.63
	4328586.05	0.00010		
6658	575111.63	4328586.05	0.00009	576111.63
	4328586.05	0.00009		
6659	577111.63	4328586.05	0.00008	578111.63
	4328586.05	0.00007		
6660	579111.63	4328586.05	0.00007	580111.63

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
550111.63	4329586.05	0.00001	551111.63	4329586.05	0.00001
552111.63	4329586.05	0.00001	553111.63	4329586.05	0.00001
554111.63	4329586.05	0.00001	555111.63	4329586.05	0.00001
556111.63	4329586.05	0.00003	557111.63	4329586.05	0.00002
558111.63	4329586.05	0.00002	559111.63	4329586.05	0.00005
567111.63	4329586.05	0.00020	568111.63	4329586.05	0.00016
569111.63	4329586.05	0.00014	570111.63	4329586.05	0.00012
571111.63	4329586.05	0.00011	572111.63	4329586.05	0.00010
573111.63	4329586.05	0.00009	574111.63	4329586.05	0.00008
575111.63	4329586.05	0.00008	576111.63	4329586.05	0.00007
577111.63	4329586.05	0.00007	578111.63	4329586.05	0.00006
579111.63	4329586.05	0.00006	580111.63	4329586.05	0.00006
581111.63	4329586.05	0.00005	582111.63	4329586.05	0.00005
583111.63	4329586.05	0.00005	584111.63	4329586.05	0.00005
542111.63	4330586.05	0.00000	543111.63	4330586.05	0.00000
544111.63	4330586.05	0.00000	545111.63	4330586.05	0.00000

```
          546111.63    4330586.05        0.00000                      547111.63
          4330586.05         0.00000
          548111.63    4330586.05        0.00000                      549111.63
          4330586.05         0.00001
          550111.63    4330586.05        0.00001                      551111.63
          4330586.05         0.00001
          552111.63    4330586.05        0.00001                      553111.63
          4330586.05         0.00001
          554111.63    4330586.05        0.00002                      555111.63
          4330586.05         0.00001
          556111.63    4330586.05        0.00004                      557111.63
          4330586.05         0.00002
          558111.63    4330586.05        0.00003                      559111.63
          4330586.05         0.00009
          560111.63    4330586.05        0.00044                      561111.63
          4330586.05         0.00056
          562111.63    4330586.05        0.00063                      563111.63
          4330586.05         0.00058
          564111.63    4330586.05        0.00047                      565111.63
          4330586.05         0.00034
          566111.63    4330586.05        0.00020                      567111.63
          4330586.05         0.00016
          568111.63    4330586.05        0.00013                      569111.63
          4330586.05         0.00011
          570111.63    4330586.05        0.00010                      571111.63
          4330586.05         0.00009
          572111.63    4330586.05        0.00008                      573111.63
          4330586.05         0.00008
          574111.63    4330586.05        0.00007                      575111.63
          4330586.05         0.00006
          576111.63    4330586.05        0.00006                      577111.63
          4330586.05         0.00006
          578111.63    4330586.05        0.00005                      579111.63
          4330586.05         0.00005
          580111.63    4330586.05        0.00005                      581111.63
          4330586.05         0.00004
          582111.63    4330586.05        0.00004                      583111.63
          4330586.05         0.00004
          584111.63    4330586.05        0.00004                      542111.63
          4331586.05         0.00000
          543111.63    4331586.05        0.00000                      544111.63
          4331586.05         0.00000
          545111.63    4331586.05        0.00000                      546111.63
          4331586.05         0.00000
          547111.63    4331586.05        0.00000                      548111.63
          4331586.05         0.00000
          549111.63    4331586.05        0.00001                      550111.63
          4331586.05         0.00001
FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
DPM                          ***       11/14/24
 *** AERMET - VERSION  19191 ***   *** Met data: Oroville
 2015-2019                                          ***       11:46:05

                                PAGE 126
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                   YEARS FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     PAREA1      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                   ** CONC OF DPM      IN
                                   MICROGRAMS/M**3                          **

        X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD
```

(M) CONC

6734 -

6735 551111.63 4331586.05 0.00001 552111.63 4331586.05 0.00001

6736 553111.63 4331586.05 0.00002 554111.63 4331586.05 0.00002

6737 555111.63 4331586.05 0.00002 556111.63 4331586.05 0.00006

6738 557111.63 4331586.05 0.00003 558111.63 4331586.05 0.00004

6739 559111.63 4331586.05 0.00029 560111.63 4331586.05 0.00036

6740 561111.63 4331586.05 0.00042 562111.63 4331586.05 0.00041

6741 563111.63 4331586.05 0.00036 564111.63 4331586.05 0.00033

6742 565111.63 4331586.05 0.00026 566111.63 4331586.05 0.00018

6743 567111.63 4331586.05 0.00013 568111.63 4331586.05 0.00011

6744 569111.63 4331586.05 0.00010 570111.63 4331586.05 0.00009

6745 571111.63 4331586.05 0.00008 572111.63 4331586.05 0.00007

6746 573111.63 4331586.05 0.00006 574111.63 4331586.05 0.00006

6747 575111.63 4331586.05 0.00006 576111.63 4331586.05 0.00005

6748 577111.63 4331586.05 0.00005 578111.63 4331586.05 0.00005

6749 579111.63 4331586.05 0.00004 580111.63 4331586.05 0.00004

6750 581111.63 4331586.05 0.00004 582111.63 4331586.05 0.00004

6751 583111.63 4331586.05 0.00004 584111.63 4331586.05 0.00004

6752 542111.63 4332586.05 0.00000 543111.63 4332586.05 0.00000

6753 544111.63 4332586.05 0.00000 545111.63 4332586.05 0.00000

6754 546111.63 4332586.05 0.00000 547111.63 4332586.05 0.00000

6755 548111.63 4332586.05 0.00001 549111.63 4332586.05 0.00001

6756 550111.63 4332586.05 0.00001 551111.63 4332586.05 0.00001

6757 552111.63 4332586.05 0.00001 553111.63 4332586.05 0.00001

6758 554111.63 4332586.05 0.00002 555111.63 4332586.05 0.00002

6759 556111.63 4332586.05 0.00006 557111.63 4332586.05 0.00006

6760 558111.63 4332586.05 0.00006 559111.63 4332586.05 0.00013

6761 560111.63 4332586.05 0.00030 561111.63 4332586.05 0.00032

6762 562111.63 4332586.05 0.00028 563111.63 4332586.05 0.00025

6763 564111.63 4332586.05 0.00024 565111.63 4332586.05 0.00021

6764 566111.63 4332586.05 0.00017 567111.63 4332586.05 0.00011

6765 568111.63 4332586.05 0.00010 569111.63 4332586.05 0.00008

6766 570111.63 4332586.05 0.00008 571111.63

```
          4332586.05        0.00007
6767      572111.63    4332586.05        0.00007                    573111.63
          4332586.05        0.00006
6768      574111.63    4332586.05        0.00005                    575111.63
          4332586.05        0.00005
6769      576111.63    4332586.05        0.00005                    577111.63
          4332586.05        0.00005
6770      578111.63    4332586.05        0.00004                    579111.63
          4332586.05        0.00004
6771      580111.63    4332586.05        0.00004                    581111.63
          4332586.05        0.00004
6772      582111.63    4332586.05        0.00003                    583111.63
          4332586.05        0.00003
6773      584111.63    4332586.05        0.00003                    542111.63
          4333586.05        0.00000
6774      543111.63    4333586.05        0.00000                    544111.63
          4333586.05        0.00000
6775  FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                        ***        11/14/24
6776   *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                    ***        11:46:05
6777
                                PAGE 127
6778   *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
6779
6780                     *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                         YEARS FOR SOURCE GROUP: ALL      ***
6781                                INCLUDING SOURCE(S):     PAREA1      ,
6782
6783                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***
6784
6785                                       ** CONC OF DPM      IN
                                          MICROGRAMS/M**3                          **
6786
6787        X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD
           (M)        CONC
6788    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - -
6789          545111.63    4333586.05        0.00000                    546111.63
              4333586.05        0.00000
6790          547111.63    4333586.05        0.00000                    548111.63
              4333586.05        0.00001
6791          549111.63    4333586.05        0.00001                    550111.63
              4333586.05        0.00001
6792          551111.63    4333586.05        0.00001                    552111.63
              4333586.05        0.00001
6793          553111.63    4333586.05        0.00002                    554111.63
              4333586.05        0.00002
6794          555111.63    4333586.05        0.00004                    556111.63
              4333586.05        0.00003
6795          557111.63    4333586.05        0.00004                    558111.63
              4333586.05        0.00006
6796          559111.63    4333586.05        0.00010                    560111.63
              4333586.05        0.00024
6797          561111.63    4333586.05        0.00024                    562111.63
              4333586.05        0.00021
6798          563111.63    4333586.05        0.00019                    564111.63
              4333586.05        0.00018
6799          565111.63    4333586.05        0.00018                    566111.63
              4333586.05        0.00015
6800          567111.63    4333586.05        0.00011                    568111.63
              4333586.05        0.00008
6801          569111.63    4333586.05        0.00007                    570111.63
              4333586.05        0.00007
6802          571111.63    4333586.05        0.00006                    572111.63
              4333586.05        0.00006
```

```
6803          573111.63    4333586.05        0.00006                        574111.63
              4333586.05         0.00005
6804          575111.63    4333586.05        0.00005                        576111.63
              4333586.05         0.00004
6805          577111.63    4333586.05        0.00004                        578111.63
              4333586.05         0.00004
6806          579111.63    4333586.05        0.00004                        580111.63
              4333586.05         0.00004
6807          581111.63    4333586.05        0.00004                        582111.63
              4333586.05         0.00003
6808          583111.63    4333586.05        0.00003                        584111.63
              4333586.05         0.00003
6809          542111.63    4334586.05        0.00000                        543111.63
              4334586.05         0.00000
6810          544111.63    4334586.05        0.00000                        545111.63
              4334586.05         0.00000
6811          546111.63    4334586.05        0.00000                        547111.63
              4334586.05         0.00001
6812          548111.63    4334586.05        0.00001                        549111.63
              4334586.05         0.00001
6813          550111.63    4334586.05        0.00001                        551111.63
              4334586.05         0.00001
6814          552111.63    4334586.05        0.00001                        553111.63
              4334586.05         0.00001
6815          554111.63    4334586.05        0.00002                        555111.63
              4334586.05         0.00003
6816          556111.63    4334586.05        0.00003                        557111.63
              4334586.05         0.00003
6817          558111.63    4334586.05        0.00005                        559111.63
              4334586.05         0.00020
6818          560111.63    4334586.05        0.00020                        561111.63
              4334586.05         0.00019
6819          562111.63    4334586.05        0.00017                        563111.63
              4334586.05         0.00015
6820          564111.63    4334586.05        0.00015                        565111.63
              4334586.05         0.00014
6821          566111.63    4334586.05        0.00014                        567111.63
              4334586.05         0.00011
6822          568111.63    4334586.05        0.00008                        569111.63
              4334586.05         0.00007
6823          570111.63    4334586.05        0.00006                        571111.63
              4334586.05         0.00006
6824          572111.63    4334586.05        0.00005                        573111.63
              4334586.05         0.00005
6825          574111.63    4334586.05        0.00005                        575111.63
              4334586.05         0.00005
6826          576111.63    4334586.05        0.00004                        577111.63
              4334586.05         0.00004
6827          578111.63    4334586.05        0.00003                        579111.63
              4334586.05         0.00003
6828          580111.63    4334586.05        0.00003                        581111.63
              4334586.05         0.00003
6829 FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
     DPM                        ***        11/14/24
6830  *** AERMET - VERSION  19191 ***   *** Met data: Oroville
      2015-2019                                        ***       11:46:05
6831
                                 PAGE 128
6832  *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
6833
6834                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                        YEARS FOR SOURCE GROUP: ALL      ***
6835                                INCLUDING SOURCE(S):     PAREA1      ,
6836
6837                                              *** DISCRETE CARTESIAN RECEPTOR POINTS ***
6838
```

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
582111.63	4334586.05	0.00003	583111.63	4334586.05	0.00003
584111.63	4334586.05	0.00003	542111.63	4335586.05	0.00000
543111.63	4335586.05	0.00000	544111.63	4335586.05	0.00000
545111.63	4335586.05	0.00000	546111.63	4335586.05	0.00000
547111.63	4335586.05	0.00001	548111.63	4335586.05	0.00001
549111.63	4335586.05	0.00001	550111.63	4335586.05	0.00001
551111.63	4335586.05	0.00001	552111.63	4335586.05	0.00001
553111.63	4335586.05	0.00002	554111.63	4335586.05	0.00002
555111.63	4335586.05	0.00004	556111.63	4335586.05	0.00003
557111.63	4335586.05	0.00003	558111.63	4335586.05	0.00006
559111.63	4335586.05	0.00017	560111.63	4335586.05	0.00017
561111.63	4335586.05	0.00015	562111.63	4335586.05	0.00014
563111.63	4335586.05	0.00013	564111.63	4335586.05	0.00012
565111.63	4335586.05	0.00011	566111.63	4335586.05	0.00012
567111.63	4335586.05	0.00010	568111.63	4335586.05	0.00007
569111.63	4335586.05	0.00006	570111.63	4335586.05	0.00006
571111.63	4335586.05	0.00005	572111.63	4335586.05	0.00005
573111.63	4335586.05	0.00004	574111.63	4335586.05	0.00004
575111.63	4335586.05	0.00004	576111.63	4335586.05	0.00004
577111.63	4335586.05	0.00004	578111.63	4335586.05	0.00003
579111.63	4335586.05	0.00003	580111.63	4335586.05	0.00003
581111.63	4335586.05	0.00003	582111.63	4335586.05	0.00003
583111.63	4335586.05	0.00003	584111.63	4335586.05	0.00003
542111.63	4336586.05	0.00000	543111.63	4336586.05	0.00000
544111.63	4336586.05	0.00000	545111.63	4336586.05	0.00000
546111.63	4336586.05	0.00000	547111.63	4336586.05	0.00001
548111.63	4336586.05	0.00001	549111.63	4336586.05	0.00001
550111.63	4336586.05	0.00001	551111.63	4336586.05	0.00001
552111.63	4336586.05	0.00002	553111.63	4336586.05	0.00002
554111.63	4336586.05	0.00003	555111.63		

```
                4336586.05        0.00003
6873            556111.63    4336586.05        0.00003                      557111.63
                4336586.05        0.00003
6874            558111.63    4336586.05        0.00006                      559111.63
                4336586.05        0.00013
6875            560111.63    4336586.05        0.00014                      561111.63
                4336586.05        0.00012
6876            562111.63    4336586.05        0.00011                      563111.63
                4336586.05        0.00011
6877            564111.63    4336586.05        0.00011                      565111.63
                4336586.05        0.00010
6878            566111.63    4336586.05        0.00010                      567111.63
                4336586.05        0.00010
6879            568111.63    4336586.05        0.00007                      569111.63
                4336586.05        0.00006
6880            570111.63    4336586.05        0.00005                      571111.63
                4336586.05        0.00005
6881            572111.63    4336586.05        0.00004                      573111.63
                4336586.05        0.00004
6882            574111.63    4336586.05        0.00004                      575111.63
                4336586.05        0.00004
6883  FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                        ***        11/14/24
6884   *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                        ***        11:46:05
6885
                                  PAGE 129
6886   *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
6887
6888                     *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                        YEARS FOR SOURCE GROUP: ALL      ***
6889                                 INCLUDING SOURCE(S):     PAREA1      ,
6890
6891                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***
6892
6893                                        ** CONC OF DPM      IN
                                            MICROGRAMS/M**3                          **
6894
6895          X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)   Y-COORD
             (M)        CONC
6896    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
      - - - - - - - - - - - - - - - - - - - -
6897            576111.63    4336586.05        0.00004                      577111.63
                4336586.05        0.00004
6898            578111.63    4336586.05        0.00003                      579111.63
                4336586.05        0.00003
6899            580111.63    4336586.05        0.00003                      581111.63
                4336586.05        0.00003
6900            582111.63    4336586.05        0.00003                      583111.63
                4336586.05        0.00003
6901            584111.63    4336586.05        0.00003                      542111.63
                4337586.05        0.00000
6902            543111.63    4337586.05        0.00000                      544111.63
                4337586.05        0.00000
6903            545111.63    4337586.05        0.00000                      546111.63
                4337586.05        0.00001
6904            547111.63    4337586.05        0.00001                      548111.63
                4337586.05        0.00001
6905            549111.63    4337586.05        0.00001                      550111.63
                4337586.05        0.00001
6906            551111.63    4337586.05        0.00001                      552111.63
                4337586.05        0.00002
6907            553111.63    4337586.05        0.00002                      554111.63
                4337586.05        0.00002
6908            555111.63    4337586.05        0.00003                      556111.63
                4337586.05        0.00003
```

```
6909          557111.63    4337586.05        0.00003                     558111.63
              4337586.05         0.00006
6910          559111.63    4337586.05        0.00013                     560111.63
              4337586.05         0.00012
6911          561111.63    4337586.05        0.00011                     562111.63
              4337586.05         0.00010
6912          563111.63    4337586.05        0.00010                     564111.63
              4337586.05         0.00009
6913          565111.63    4337586.05        0.00008                     566111.63
              4337586.05         0.00008
6914          567111.63    4337586.05        0.00009                     568111.63
              4337586.05         0.00008
6915          569111.63    4337586.05        0.00005                     570111.63
              4337586.05         0.00005
6916          571111.63    4337586.05        0.00004                     572111.63
              4337586.05         0.00004
6917          573111.63    4337586.05        0.00004                     574111.63
              4337586.05         0.00004
6918          575111.63    4337586.05        0.00003                     576111.63
              4337586.05         0.00003
6919          577111.63    4337586.05        0.00003                     578111.63
              4337586.05         0.00003
6920          579111.63    4337586.05        0.00003                     580111.63
              4337586.05         0.00003
6921          581111.63    4337586.05        0.00003                     582111.63
              4337586.05         0.00003
6922          583111.63    4337586.05        0.00002                     584111.63
              4337586.05         0.00002
6923          542111.63    4338586.05        0.00000                     543111.63
              4338586.05         0.00000
6924          544111.63    4338586.05        0.00000                     545111.63
              4338586.05         0.00001
6925          546111.63    4338586.05        0.00001                     547111.63
              4338586.05         0.00001
6926          548111.63    4338586.05        0.00001                     549111.63
              4338586.05         0.00001
6927          550111.63    4338586.05        0.00001                     551111.63
              4338586.05         0.00001
6928          552111.63    4338586.05        0.00002                     553111.63
              4338586.05         0.00002
6929          554111.63    4338586.05        0.00002                     555111.63
              4338586.05         0.00004
6930          556111.63    4338586.05        0.00003                     557111.63
              4338586.05         0.00003
6931          558111.63    4338586.05        0.00006                     559111.63
              4338586.05         0.00011
6932          560111.63    4338586.05        0.00010                     561111.63
              4338586.05         0.00009
6933          562111.63    4338586.05        0.00008                     563111.63
              4338586.05         0.00009
6934          564111.63    4338586.05        0.00008                     565111.63
              4338586.05         0.00008
6935          566111.63    4338586.05        0.00007                     567111.63
              4338586.05         0.00008
6936          568111.63    4338586.05        0.00008                     569111.63
              4338586.05         0.00006
6937  FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                          ***        11/14/24
6938   *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                          ***        11:46:05
6939
                                  PAGE 130
6940   *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
6941
6942                     *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                         YEARS FOR SOURCE GROUP: ALL      ***
```

INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
570111.63	4338586.05	0.00004	571111.63	4338586.05	0.00004
572111.63	4338586.05	0.00004	573111.63	4338586.05	0.00004
574111.63	4338586.05	0.00003	575111.63	4338586.05	0.00003
576111.63	4338586.05	0.00003	577111.63	4338586.05	0.00003
578111.63	4338586.05	0.00003	579111.63	4338586.05	0.00003
580111.63	4338586.05	0.00003	581111.63	4338586.05	0.00003
582111.63	4338586.05	0.00003	583111.63	4338586.05	0.00003
584111.63	4338586.05	0.00002	542111.63	4339586.05	0.00000
543111.63	4339586.05	0.00000	544111.63	4339586.05	0.00000
545111.63	4339586.05	0.00000	546111.63	4339586.05	0.00001
547111.63	4339586.05	0.00001	548111.63	4339586.05	0.00001
549111.63	4339586.05	0.00001	550111.63	4339586.05	0.00001
551111.63	4339586.05	0.00001	552111.63	4339586.05	0.00002
553111.63	4339586.05	0.00002	554111.63	4339586.05	0.00003
555111.63	4339586.05	0.00003	556111.63	4339586.05	0.00003
557111.63	4339586.05	0.00004	558111.63	4339586.05	0.00006
559111.63	4339586.05	0.00010	560111.63	4339586.05	0.00009
561111.63	4339586.05	0.00008	562111.63	4339586.05	0.00008
563111.63	4339586.05	0.00008	564111.63	4339586.05	0.00008
565111.63	4339586.05	0.00007	566111.63	4339586.05	0.00006
567111.63	4339586.05	0.00007	568111.63	4339586.05	0.00007
569111.63	4339586.05	0.00006	570111.63	4339586.05	0.00004
571111.63	4339586.05	0.00004	572111.63	4339586.05	0.00004
573111.63	4339586.05	0.00003	574111.63	4339586.05	0.00003
575111.63	4339586.05	0.00003	576111.63	4339586.05	0.00003
577111.63	4339586.05	0.00003	578111.63	4339586.05	0.00003
579111.63	4339586.05	0.00003	580111.63	4339586.05	0.00003
581111.63	4339586.05	0.00003	582111.63		

```
          4339586.05        0.00003
6979      583111.63    4339586.05        0.00002                    584111.63
          4339586.05        0.00002
6980      542111.63    4340586.05        0.00000                    543111.63
          4340586.05        0.00000
6981      544111.63    4340586.05        0.00000                    545111.63
          4340586.05        0.00001
6982      546111.63    4340586.05        0.00001                    547111.63
          4340586.05        0.00001
6983      548111.63    4340586.05        0.00001                    549111.63
          4340586.05        0.00001
6984      550111.63    4340586.05        0.00001                    551111.63
          4340586.05        0.00001
6985      552111.63    4340586.05        0.00002                    553111.63
          4340586.05        0.00002
6986      554111.63    4340586.05        0.00003                    555111.63
          4340586.05        0.00004
6987      556111.63    4340586.05        0.00003                    557111.63
          4340586.05        0.00003
6988      558111.63    4340586.05        0.00008                    559111.63
          4340586.05        0.00009
6989      560111.63    4340586.05        0.00008                    561111.63
          4340586.05        0.00007
6990      562111.63    4340586.05        0.00007                    563111.63
          4340586.05        0.00007
6991  FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                        ***        11/14/24
6992   *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                        ***       11:46:05
6993
                                  PAGE 131
6994   *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
6995
6996                     *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                         YEARS FOR SOURCE GROUP: ALL      ***
6997                                INCLUDING SOURCE(S):     PAREA1      ,
6998
6999                                     *** DISCRETE CARTESIAN RECEPTOR POINTS ***
7000
7001                                     ** CONC OF DPM      IN
                                         MICROGRAMS/M**3                          **
7002
7003         X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD
             (M)        CONC
7004     - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
     - - - - - - - - - - - - - - - - - - - -
7005           564111.63    4340586.05        0.00007                    565111.63
               4340586.05        0.00006
7006           566111.63    4340586.05        0.00006                    567111.63
               4340586.05        0.00006
7007           568111.63    4340586.05        0.00007                    569111.63
               4340586.05        0.00006
7008           570111.63    4340586.05        0.00004                    571111.63
               4340586.05        0.00004
7009           572111.63    4340586.05        0.00003                    573111.63
               4340586.05        0.00003
7010           574111.63    4340586.05        0.00003                    575111.63
               4340586.05        0.00003
7011           576111.63    4340586.05        0.00003                    577111.63
               4340586.05        0.00003
7012           578111.63    4340586.05        0.00003                    579111.63
               4340586.05        0.00003
7013           580111.63    4340586.05        0.00002                    581111.63
               4340586.05        0.00002
7014           582111.63    4340586.05        0.00002                    583111.63
               4340586.05        0.00002
```

```
584111.63    4340586.05       0.00002                    542111.63
             4341586.05       0.00000
543111.63    4341586.05       0.00000                    544111.63
             4341586.05       0.00001
545111.63    4341586.05       0.00001                    546111.63
             4341586.05       0.00001
547111.63    4341586.05       0.00001                    548111.63
             4341586.05       0.00001
549111.63    4341586.05       0.00001                    550111.63
             4341586.05       0.00001
551111.63    4341586.05       0.00001                    552111.63
             4341586.05       0.00002
553111.63    4341586.05       0.00002                    554111.63
             4341586.05       0.00003
555111.63    4341586.05       0.00004                    556111.63
             4341586.05       0.00003
557111.63    4341586.05       0.00004                    558111.63
             4341586.05       0.00005
559111.63    4341586.05       0.00006                    560111.63
             4341586.05       0.00007
561111.63    4341586.05       0.00006                    562111.63
             4341586.05       0.00006
563111.63    4341586.05       0.00006                    564111.63
             4341586.05       0.00006
565111.63    4341586.05       0.00006                    566111.63
             4341586.05       0.00005
567111.63    4341586.05       0.00005                    568111.63
             4341586.05       0.00006
569111.63    4341586.05       0.00006                    570111.63
             4341586.05       0.00005
571111.63    4341586.05       0.00004                    572111.63
             4341586.05       0.00003
573111.63    4341586.05       0.00003                    574111.63
             4341586.05       0.00003
575111.63    4341586.05       0.00003                    576111.63
             4341586.05       0.00003
577111.63    4341586.05       0.00003                    578111.63
             4341586.05       0.00002
579111.63    4341586.05       0.00002                    580111.63
             4341586.05       0.00002
581111.63    4341586.05       0.00002                    582111.63
             4341586.05       0.00002
583111.63    4341586.05       0.00002                    584111.63
             4341586.05       0.00002
542111.63    4342586.05       0.00000                    543111.63
             4342586.05       0.00001
544111.63    4342586.05       0.00001                    545111.63
             4342586.05       0.00001
546111.63    4342586.05       0.00001                    547111.63
             4342586.05       0.00001
548111.63    4342586.05       0.00001                    549111.63
             4342586.05       0.00001
550111.63    4342586.05       0.00001                    551111.63
             4342586.05       0.00001
552111.63    4342586.05       0.00002                    553111.63
             4342586.05       0.00003
554111.63    4342586.05       0.00003                    555111.63
             4342586.05       0.00004
556111.63    4342586.05       0.00003                    557111.63
             4342586.05       0.00003
FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
DPM                          ***        11/14/24
 *** AERMET - VERSION  19191 ***   *** Met data: Oroville
 2015-2019                                          ***       11:46:05
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
558111.63	4342586.05	0.00004	559111.63	4342586.05	0.00005
560111.63	4342586.05	0.00006	561111.63	4342586.05	0.00006
562111.63	4342586.05	0.00006	563111.63	4342586.05	0.00006
564111.63	4342586.05	0.00006	565111.63	4342586.05	0.00005
566111.63	4342586.05	0.00005	567111.63	4342586.05	0.00005
568111.63	4342586.05	0.00005	569111.63	4342586.05	0.00006
570111.63	4342586.05	0.00005	571111.63	4342586.05	0.00004
572111.63	4342586.05	0.00003	573111.63	4342586.05	0.00003
574111.63	4342586.05	0.00003	575111.63	4342586.05	0.00003
576111.63	4342586.05	0.00002	577111.63	4342586.05	0.00002
578111.63	4342586.05	0.00002	579111.63	4342586.05	0.00002
580111.63	4342586.05	0.00002	581111.63	4342586.05	0.00002
582111.63	4342586.05	0.00002	583111.63	4342586.05	0.00002
584111.63	4342586.05	0.00002	542111.63	4343586.05	0.00000
543111.63	4343586.05	0.00000	544111.63	4343586.05	0.00001
545111.63	4343586.05	0.00001	546111.63	4343586.05	0.00001
547111.63	4343586.05	0.00001	548111.63	4343586.05	0.00001
549111.63	4343586.05	0.00001	550111.63	4343586.05	0.00001
551111.63	4343586.05	0.00001	552111.63	4343586.05	0.00002
553111.63	4343586.05	0.00002	554111.63	4343586.05	0.00003
555111.63	4343586.05	0.00005	556111.63	4343586.05	0.00003
557111.63	4343586.05	0.00003	558111.63	4343586.05	0.00006
559111.63	4343586.05	0.00006	560111.63	4343586.05	0.00006
561111.63	4343586.05	0.00005	562111.63	4343586.05	0.00005
563111.63	4343586.05	0.00006	564111.63	4343586.05	0.00005
565111.63	4343586.05	0.00005	566111.63		

```
          4343586.05        0.00005
7085      567111.63    4343586.05        0.00004                    568111.63
          4343586.05        0.00004
7086      569111.63    4343586.05        0.00005                    570111.63
          4343586.05        0.00005
7087      571111.63    4343586.05        0.00004                    572111.63
          4343586.05        0.00003
7088      573111.63    4343586.05        0.00003                    574111.63
          4343586.05        0.00003
7089      575111.63    4343586.05        0.00003                    576111.63
          4343586.05        0.00002
7090      577111.63    4343586.05        0.00002                    578111.63
          4343586.05        0.00002
7091      579111.63    4343586.05        0.00002                    580111.63
          4343586.05        0.00002
7092      581111.63    4343586.05        0.00002                    582111.63
          4343586.05        0.00002
7093      583111.63    4343586.05        0.00002                    584111.63
          4343586.05        0.00002
7094      542111.63    4344586.05        0.00000                    543111.63
          4344586.05        0.00001
7095      544111.63    4344586.05        0.00001                    545111.63
          4344586.05        0.00001
7096      546111.63    4344586.05        0.00001                    547111.63
          4344586.05        0.00001
7097      548111.63    4344586.05        0.00001                    549111.63
          4344586.05        0.00001
7098      550111.63    4344586.05        0.00001                    551111.63
          4344586.05        0.00001
7099  FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                        ***       11/14/24
7100   *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                  ***       11:46:05
7101
                                 PAGE 133
7102   *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
7103
7104                     *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                         YEARS FOR SOURCE GROUP: ALL      ***
7105                                INCLUDING SOURCE(S):     PAREA1      ,
7106
7107                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***
7108
7109                                       ** CONC OF DPM      IN
                                          MICROGRAMS/M**3                          **
7110
7111        X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)   Y-COORD
            (M)        CONC
7112    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - -
7113          552111.63    4344586.05        0.00002                    553111.63
              4344586.05        0.00002
7114          554111.63    4344586.05        0.00003                    555111.63
              4344586.05        0.00005
7115          556111.63    4344586.05        0.00003                    557111.63
              4344586.05        0.00003
7116          558111.63    4344586.05        0.00006                    559111.63
              4344586.05        0.00006
7117          560111.63    4344586.05        0.00005                    561111.63
              4344586.05        0.00005
7118          562111.63    4344586.05        0.00005                    563111.63
              4344586.05        0.00005
7119          564111.63    4344586.05        0.00005                    565111.63
              4344586.05        0.00005
7120          566111.63    4344586.05        0.00004                    567111.63
              4344586.05        0.00004
```

```
7121          568111.63    4344586.05        0.00004                    569111.63
              4344586.05         0.00004
7122          570111.63    4344586.05        0.00005                    571111.63
              4344586.05         0.00004
7123          572111.63    4344586.05        0.00003                    573111.63
              4344586.05         0.00003
7124          574111.63    4344586.05        0.00003                    575111.63
              4344586.05         0.00002
7125          576111.63    4344586.05        0.00002                    577111.63
              4344586.05         0.00002
7126          578111.63    4344586.05        0.00002                    579111.63
              4344586.05         0.00002
7127          580111.63    4344586.05        0.00002                    581111.63
              4344586.05         0.00002
7128          582111.63    4344586.05        0.00002                    583111.63
              4344586.05         0.00002
7129          584111.63    4344586.05        0.00002                    542111.63
              4345586.05         0.00001
7130          543111.63    4345586.05        0.00001                    544111.63
              4345586.05         0.00001
7131          545111.63    4345586.05        0.00001                    546111.63
              4345586.05         0.00001
7132          547111.63    4345586.05        0.00001                    548111.63
              4345586.05         0.00001
7133          549111.63    4345586.05        0.00001                    550111.63
              4345586.05         0.00001
7134          551111.63    4345586.05        0.00001                    552111.63
              4345586.05         0.00002
7135          553111.63    4345586.05        0.00002                    554111.63
              4345586.05         0.00003
7136          555111.63    4345586.05        0.00005                    556111.63
              4345586.05         0.00003
7137          557111.63    4345586.05        0.00003                    558111.63
              4345586.05         0.00003
7138          559111.63    4345586.05        0.00005                    560111.63
              4345586.05         0.00005
7139          561111.63    4345586.05        0.00004                    562111.63
              4345586.05         0.00005
7140          563111.63    4345586.05        0.00005                    564111.63
              4345586.05         0.00005
7141          565111.63    4345586.05        0.00004                    566111.63
              4345586.05         0.00004
7142          567111.63    4345586.05        0.00004                    568111.63
              4345586.05         0.00004
7143          569111.63    4345586.05        0.00004                    570111.63
              4345586.05         0.00005
7144          571111.63    4345586.05        0.00004                    572111.63
              4345586.05         0.00003
7145          573111.63    4345586.05        0.00003                    574111.63
              4345586.05         0.00002
7146          575111.63    4345586.05        0.00002                    576111.63
              4345586.05         0.00002
7147          577111.63    4345586.05        0.00002                    578111.63
              4345586.05         0.00002
7148          579111.63    4345586.05        0.00002                    580111.63
              4345586.05         0.00002
7149          581111.63    4345586.05        0.00002                    582111.63
              4345586.05         0.00002
7150          583111.63    4345586.05        0.00002                    584111.63
              4345586.05         0.00002
7151          542111.63    4346586.05        0.00001                    543111.63
              4346586.05         0.00001
7152          544111.63    4346586.05        0.00001                    545111.63
              4346586.05         0.00001
7153  FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                        ***       11/14/24
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
546111.63	4346586.05	0.00001	547111.63	4346586.05	0.00001
548111.63	4346586.05	0.00001	549111.63	4346586.05	0.00001
550111.63	4346586.05	0.00001	551111.63	4346586.05	0.00002
552111.63	4346586.05	0.00002	553111.63	4346586.05	0.00002
554111.63	4346586.05	0.00003	555111.63	4346586.05	0.00005
556111.63	4346586.05	0.00005	557111.63	4346586.05	0.00003
558111.63	4346586.05	0.00004	559111.63	4346586.05	0.00005
560111.63	4346586.05	0.00004	561111.63	4346586.05	0.00004
562111.63	4346586.05	0.00004	563111.63	4346586.05	0.00004
564111.63	4346586.05	0.00004	565111.63	4346586.05	0.00004
566111.63	4346586.05	0.00004	567111.63	4346586.05	0.00004
568111.63	4346586.05	0.00003	569111.63	4346586.05	0.00003
570111.63	4346586.05	0.00004	571111.63	4346586.05	0.00004
572111.63	4346586.05	0.00003	573111.63	4346586.05	0.00003
574111.63	4346586.05	0.00002	575111.63	4346586.05	0.00002
576111.63	4346586.05	0.00002	577111.63	4346586.05	0.00002
578111.63	4346586.05	0.00002	579111.63	4346586.05	0.00002
580111.63	4346586.05	0.00002	581111.63	4346586.05	0.00002
582111.63	4346586.05	0.00002	583111.63	4346586.05	0.00002
584111.63	4346586.05	0.00002	542111.63	4347586.05	0.00001
543111.63	4347586.05	0.00001	544111.63	4347586.05	0.00001
545111.63	4347586.05	0.00001	546111.63	4347586.05	0.00001
547111.63	4347586.05	0.00001	548111.63	4347586.05	0.00001
549111.63	4347586.05	0.00001	550111.63		

```
          4347586.05        0.00001
7191      551111.63    4347586.05        0.00002                    552111.63
          4347586.05        0.00002
7192      553111.63    4347586.05        0.00003                    554111.63
          4347586.05        0.00004
7193      555111.63    4347586.05        0.00004                    556111.63
          4347586.05        0.00005
7194      557111.63    4347586.05        0.00003                    558111.63
          4347586.05        0.00003
7195      559111.63    4347586.05        0.00004                    560111.63
          4347586.05        0.00004
7196      561111.63    4347586.05        0.00004                    562111.63
          4347586.05        0.00004
7197      563111.63    4347586.05        0.00004                    564111.63
          4347586.05        0.00004
7198      565111.63    4347586.05        0.00004                    566111.63
          4347586.05        0.00004
7199      567111.63    4347586.05        0.00003                    568111.63
          4347586.05        0.00003
7200      569111.63    4347586.05        0.00003                    570111.63
          4347586.05        0.00003
7201      571111.63    4347586.05        0.00004                    572111.63
          4347586.05        0.00004
7202      573111.63    4347586.05        0.00003                    574111.63
          4347586.05        0.00002
7203      575111.63    4347586.05        0.00002                    576111.63
          4347586.05        0.00002
7204      577111.63    4347586.05        0.00002                    578111.63
          4347586.05        0.00002
7205      579111.63    4347586.05        0.00002                    580111.63
          4347586.05        0.00002
7206      581111.63    4347586.05        0.00002                    582111.63
          4347586.05        0.00002
7207  FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                          ***        11/14/24
7208   *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                          ***        11:46:05
7209
                                  PAGE 135
7210   *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
7211
7212                     *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                        YEARS FOR SOURCE GROUP: ALL      ***
7213                                INCLUDING SOURCE(S):     PAREA1      ,
7214
7215                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***
7216
7217                                       ** CONC OF DPM      IN
                                          MICROGRAMS/M**3                          **
7218
7219          X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD
             (M)        CONC
7220     - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
     - - - - - - - - - - - - - - - - - - - -
7221          583111.63    4347586.05        0.00002                    584111.63
              4347586.05        0.00002
7222          542111.63    4348586.05        0.00001                    543111.63
              4348586.05        0.00001
7223          544111.63    4348586.05        0.00001                    545111.63
              4348586.05        0.00001
7224          546111.63    4348586.05        0.00001                    547111.63
              4348586.05        0.00001
7225          548111.63    4348586.05        0.00001                    549111.63
              4348586.05        0.00001
7226          550111.63    4348586.05        0.00001                    551111.63
              4348586.05        0.00002
```

7227 552111.63 4348586.05 0.00002 553111.63 4348586.05 0.00002
7228 554111.63 4348586.05 0.00003 555111.63 4348586.05 0.00004
7229 556111.63 4348586.05 0.00005 557111.63 4348586.05 0.00002
7230 558111.63 4348586.05 0.00002 559111.63 4348586.05 0.00004
7231 560111.63 4348586.05 0.00004 561111.63 4348586.05 0.00004
7232 562111.63 4348586.05 0.00004 563111.63 4348586.05 0.00004
7233 564111.63 4348586.05 0.00004 565111.63 4348586.05 0.00004
7234 566111.63 4348586.05 0.00003 567111.63 4348586.05 0.00003
7235 568111.63 4348586.05 0.00003 569111.63 4348586.05 0.00003
7236 570111.63 4348586.05 0.00003 571111.63 4348586.05 0.00004
7237 572111.63 4348586.05 0.00004 573111.63 4348586.05 0.00003
7238 574111.63 4348586.05 0.00002 575111.63 4348586.05 0.00002
7239 576111.63 4348586.05 0.00002 577111.63 4348586.05 0.00002
7240 578111.63 4348586.05 0.00002 579111.63 4348586.05 0.00002
7241 580111.63 4348586.05 0.00002 581111.63 4348586.05 0.00002
7242 582111.63 4348586.05 0.00002 583111.63 4348586.05 0.00002
7243 584111.63 4348586.05 0.00002 562146.93 4328276.92 0.00695
7244 564540.14 4328281.94 0.00451 564535.11 4327110.48 0.00530
7245 564313.89 4327115.51 0.00724 564218.36 4327040.09 0.00623
7246 564042.39 4327040.09 0.00811 563861.39 4326828.92 0.00646
7247 562911.15 4326678.09 0.00937 562921.20 4326597.65 0.00522
7248 562131.84 4326617.76 0.00242 562166.87 4328276.96 0.00809
7249 562186.82 4328277.00 0.00866 562206.76 4328277.05 0.00900
7250 562226.70 4328277.09 0.00929 562246.65 4328277.13 0.00949
7251 562266.59 4328277.17 0.00965 562286.53 4328277.21 0.00975
7252 562306.48 4328277.25 0.00986 562326.42 4328277.30 0.00996
7253 562346.36 4328277.34 0.01004 562366.31 4328277.38 0.01012
7254 562386.25 4328277.42 0.01024 562406.19 4328277.46 0.01034
7255 562426.14 4328277.51 0.01041 562446.08 4328277.55 0.01041
7256 562466.02 4328277.59 0.01040 562485.97 4328277.63 0.01033
7257 562505.91 4328277.67 0.01012 562525.85 4328277.71 0.00993
7258 562545.80 4328277.76 0.00988 562565.74 4328277.80 0.01008
7259 562585.69 4328277.84 0.01043 562605.63 4328277.88 0.01076

```
          562625.57    4328277.92        0.01081                       562645.52
          4328277.97        0.01081
 *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
DPM                          ***        11/14/24
 *** AERMET - VERSION  19191 ***   *** Met data: Oroville
 2015-2019                                          ***        11:46:05

                                PAGE 136
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                   YEARS FOR SOURCE GROUP: ALL      ***
                                    INCLUDING SOURCE(S):     PAREA1      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                               ** CONC OF DPM      IN
                                               MICROGRAMS/M**3                          **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)   Y-COORD
       (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - -
          562665.46    4328278.01        0.01081                       562685.40
          4328278.05        0.01085
          562705.35    4328278.09        0.01088                       562725.29
          4328278.13        0.01088
          562745.23    4328278.17        0.01086                       562765.18
          4328278.22        0.01086
          562785.12    4328278.26        0.01085                       562805.06
          4328278.30        0.01088
          562825.01    4328278.34        0.01089                       562844.95
          4328278.38        0.01092
          562864.89    4328278.43        0.01094                       562884.84
          4328278.47        0.01097
          562904.78    4328278.51        0.01098                       562924.72
          4328278.55        0.01099
          562944.67    4328278.59        0.01100                       562964.61
          4328278.64        0.01100
          562984.55    4328278.68        0.01098                       563004.50
          4328278.72        0.01098
          563024.44    4328278.76        0.01098                       563044.38
          4328278.80        0.01100
          563064.33    4328278.84        0.01099                       563084.27
          4328278.89        0.01099
          563104.21    4328278.93        0.01098                       563124.16
          4328278.97        0.01099
          563144.10    4328279.01        0.01098                       563164.04
          4328279.05        0.01097
          563183.99    4328279.10        0.01099                       563203.93
          4328279.14        0.01099
          563223.87    4328279.18        0.01097                       563243.82
          4328279.22        0.01092
          563263.76    4328279.26        0.01086                       563283.70
          4328279.30        0.01081
          563303.65    4328279.35        0.01078                       563323.59
          4328279.39        0.01082
          563343.54    4328279.43        0.01085                       563363.48
          4328279.47        0.01083
          563383.42    4328279.51        0.01078                       563403.37
          4328279.56        0.01074
          563423.31    4328279.60        0.01071                       563443.25
          4328279.64        0.01057
          563463.20    4328279.68        0.01033                       563483.14
          4328279.72        0.01006
          563503.08    4328279.76        0.00996                       563523.03
```

```
          4328279.81       0.01012
7297      563542.97    4328279.85       0.01035                    563562.91
          4328279.89       0.01047
7298      563582.86    4328279.93       0.01053                    563602.80
          4328279.97       0.01054
7299      563622.74    4328280.02       0.01052                    563642.69
          4328280.06       0.01049
7300      563662.63    4328280.10       0.01040                    563682.57
          4328280.14       0.01025
7301      563702.52    4328280.18       0.00996                    563722.46
          4328280.22       0.00966
7302      563742.40    4328280.27       0.00953                    563762.35
          4328280.31       0.00954
7303      563782.29    4328280.35       0.00984                    563802.23
          4328280.39       0.01024
7304      563822.18    4328280.43       0.01042                    563842.12
          4328280.48       0.01034
7305      563862.06    4328280.52       0.01022                    563882.01
          4328280.56       0.01031
7306      563901.95    4328280.60       0.01006                    563921.89
          4328280.64       0.00992
7307      563941.84    4328280.69       0.01007                    563961.78
          4328280.73       0.01008
7308      563981.72    4328280.77       0.00932                    564001.67
          4328280.81       0.00892
7309      564021.61    4328280.85       0.00873                    564041.55
          4328280.89       0.00860
7310      564061.50    4328280.94       0.00850                    564081.44
          4328280.98       0.00839
7311      564101.38    4328281.02       0.00831                    564121.33
          4328281.06       0.00823
7312      564141.27    4328281.10       0.00817                    564161.22
          4328281.15       0.00815
7313      564181.16    4328281.19       0.00817                    564201.10
          4328281.23       0.00811
7314      564221.05    4328281.27       0.00796                    564240.99
          4328281.31       0.00785
7315  FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
      DPM                        ***       11/14/24
7316   *** AERMET - VERSION  19191 ***   *** Met data: Oroville
       2015-2019                                        ***       11:46:05
7317
                                 PAGE 137
7318   *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
7319
7320                     *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                         YEARS FOR SOURCE GROUP: ALL      ***
7321                                 INCLUDING SOURCE(S):     PAREA1      ,
7322
7323                                      *** DISCRETE CARTESIAN RECEPTOR POINTS ***
7324
7325                                    ** CONC OF DPM      IN
                                       MICROGRAMS/M**3                          **
7326
7327         X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD
             (M)        CONC
7328     - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
     - - - - - - - - - - - - - - - - - - - -
7329           564260.93    4328281.35       0.00781                    564280.88
               4328281.40       0.00789
7330           564300.82    4328281.44       0.00809                    564320.76
               4328281.48       0.00837
7331           564340.71    4328281.52       0.00844                    564360.65
               4328281.56       0.00821
7332           564380.59    4328281.61       0.00791                    564400.54
               4328281.65       0.00744
```

7333	564420.48	4328281.69	0.00685	564440.42
	4328281.73	0.00640		
7334	564460.37	4328281.77	0.00608	564480.31
	4328281.81	0.00581		
7335	564500.25	4328281.86	0.00552	564520.20
	4328281.90	0.00512		
7336	564540.05	4328262.08	0.00571	564539.97
	4328242.23	0.00616		
7337	564539.88	4328222.37	0.00621	564539.80
	4328202.52	0.00626		
7338	564539.71	4328182.66	0.00638	564539.63
	4328162.81	0.00657		
7339	564539.54	4328142.95	0.00668	564539.46
	4328123.10	0.00674		
7340	564539.37	4328103.24	0.00683	564539.29
	4328083.39	0.00701		
7341	564539.20	4328063.53	0.00726	564539.12
	4328043.68	0.00763		
7342	564539.03	4328023.82	0.00818	564538.95
	4328003.97	0.00851		
7343	564538.86	4327984.11	0.00868	564538.78
	4327964.26	0.00875		
7344	564538.69	4327944.40	0.00869	564538.61
	4327924.55	0.00896		
7345	564538.52	4327904.69	0.00845	564538.43
	4327884.83	0.00850		
7346	564538.35	4327864.98	0.00907	564538.26
	4327845.12	0.00898		
7347	564538.18	4327825.27	0.00908	564538.09
	4327805.41	0.00900		
7348	564538.01	4327785.56	0.00907	564537.92
	4327765.70	0.00914		
7349	564537.84	4327745.85	0.00853	564537.75
	4327725.99	0.00855		
7350	564537.67	4327706.14	0.00922	564537.58
	4327686.28	0.00902		
7351	564537.50	4327666.43	0.00895	564537.41
	4327646.57	0.00916		
7352	564537.33	4327626.72	0.00934	564537.24
	4327606.86	0.00934		
7353	564537.16	4327587.01	0.00935	564537.07
	4327567.15	0.00933		
7354	564536.99	4327547.30	0.00912	564536.90
	4327527.44	0.00889		
7355	564536.82	4327507.59	0.00884	564536.73
	4327487.73	0.00893		
7356	564536.64	4327467.87	0.00913	564536.56
	4327448.02	0.00915		
7357	564536.47	4327428.16	0.00848	564536.39
	4327408.31	0.00810		
7358	564536.30	4327388.45	0.00797	564536.22
	4327368.60	0.00773		
7359	564536.13	4327348.74	0.00766	564536.05
	4327328.89	0.00766		
7360	564535.96	4327309.03	0.00782	564535.88
	4327289.18	0.00824		
7361	564535.79	4327269.32	0.00842	564535.71
	4327249.47	0.00802		
7362	564535.62	4327229.61	0.00783	564535.54
	4327209.76	0.00838		
7363	564535.45	4327189.90	0.00782	564535.37
	4327170.05	0.00690		
7364	564535.28	4327150.19	0.00759	564535.20
	4327130.34	0.00650		
7365	564516.68	4327110.90	0.00549	564498.24
	4327111.32	0.00561		

564479.80 4327111.74 0.00572 564461.37 4327112.16 0.00582
564442.94 4327112.58 0.00592 564424.50 4327113.00 0.00603
564406.06 4327113.41 0.00614 564387.63 4327113.83 0.00626

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
564369.20	4327114.25	0.00637	564350.76	4327114.67	0.00651
564332.32	4327115.09	0.00672	564300.24	4327104.74	0.00713
564286.60	4327093.96	0.00705	564272.95	4327083.19	0.00698
564259.30	4327072.41	0.00694	564245.65	4327061.64	0.00684
564232.01	4327050.86	0.00663	564198.81	4327040.09	0.00643
564179.26	4327040.09	0.00660	564159.70	4327040.09	0.00675
564140.15	4327040.09	0.00690	564120.60	4327040.09	0.00705
564101.05	4327040.09	0.00718	564081.49	4327040.09	0.00734
564061.94	4327040.09	0.00761	564029.46	4327025.01	0.00791
564016.53	4327009.92	0.00780	564003.60	4326994.84	0.00772
563990.68	4326979.76	0.00766	563977.75	4326964.67	0.00761
563964.82	4326949.59	0.00757	563951.89	4326934.50	0.00752
563938.96	4326919.42	0.00747	563926.03	4326904.34	0.00741
563913.10	4326889.25	0.00734	563900.18	4326874.17	0.00726
563887.25	4326859.09	0.00715	563874.32	4326844.00	0.00696
563842.00	4326825.84	0.00660	563822.60	4326822.76	0.00669
563803.21	4326819.69	0.00676	563783.82	4326816.61	0.00681
563764.43	4326813.53	0.00689	563745.03	4326810.45	0.00691
563725.64	4326807.37	0.00694	563706.25	4326804.29	0.00700
563686.86	4326801.22	0.00707	563667.46		

```
                4326798.14        0.00711
7403            563648.07    4326795.06        0.00715                      563628.68
                4326791.98        0.00719
7404            563609.29    4326788.90        0.00723                      563589.89
                4326785.83        0.00726
7405            563570.50    4326782.75        0.00729                      563551.11
                4326779.67        0.00730
7406            563531.71    4326776.59        0.00734                      563512.32
                4326773.51        0.00736
7407            563492.93    4326770.43        0.00735                      563473.54
                4326767.36        0.00734
7408            563454.14    4326764.28        0.00736                      563434.75
                4326761.20        0.00734
7409            563415.36    4326758.12        0.00746                      563395.97
                4326755.04        0.00745
7410            563376.57    4326751.97        0.00746                      563357.18
                4326748.89        0.00748
7411            563337.79    4326745.81        0.00767                      563318.40
                4326742.73        0.00804
7412            563299.00    4326739.65        0.00809                      563279.61
                4326736.58        0.00781
7413            563260.22    4326733.50        0.00755                      563240.83
                4326730.42        0.00758
7414            563221.43    4326727.34        0.00764                      563202.04
                4326724.26        0.00812
7415            563182.65    4326721.18        0.00750                      563163.25
                4326718.11        0.00655
7416            563143.86    4326715.03        0.00690                      563124.47
                4326711.95        0.00787
7417            563105.08    4326708.87        0.00813                      563085.68
                4326705.79        0.00803
7418            563066.29    4326702.72        0.00764                      563046.90
                4326699.64        0.00744
7419            563027.51    4326696.56        0.00751                      563008.11
                4326693.48        0.00755
7420            562988.72    4326690.40        0.00760                      562969.33
                4326687.32        0.00779
7421            562949.94    4326684.25        0.00831                      562930.54
                4326681.17        0.00859
7422            562913.16    4326662.00        0.00908                      562915.17
                4326645.91        0.00830
7423 FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
     DPM                        ***        11/14/24
7424  *** AERMET - VERSION  19191 ***   *** Met data: Oroville
      2015-2019                                    ***       11:46:05
7425
                                PAGE 139
7426  *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
7427
7428                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5
                        YEARS FOR SOURCE GROUP: ALL      ***
7429                                INCLUDING SOURCE(S):     PAREA1      ,
7430
7431                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***
7432
7433                                       ** CONC OF DPM      IN
                                          MICROGRAMS/M**3                          **
7434
7435          X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD
              (M)        CONC
7436    - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        - - - - - - - - - - - - - - - - - - - -
7437            562917.18    4326629.83        0.00742                      562919.19
                4326613.74        0.00621
7438            562901.47    4326598.15        0.00533                      562881.73
                4326598.66        0.00486
```

7439	562862.00	4326599.16	0.00464	562842.26
	4326599.66	0.00496		
7440	562822.53	4326600.16	0.00529	562802.80
	4326600.67	0.00549		
7441	562783.06	4326601.17	0.00582	562763.33
	4326601.67	0.00637		
7442	562743.59	4326602.17	0.00633	562723.86
	4326602.68	0.00582		
7443	562704.13	4326603.18	0.00573	562684.39
	4326603.68	0.00561		
7444	562664.66	4326604.19	0.00555	562644.92
	4326604.69	0.00545		
7445	562625.19	4326605.19	0.00543	562605.46
	4326605.69	0.00535		
7446	562585.72	4326606.20	0.00512	562565.99
	4326606.70	0.00475		
7447	562546.25	4326607.20	0.00477	562526.52
	4326607.71	0.00502		
7448	562506.79	4326608.21	0.00477	562487.05
	4326608.71	0.00471		
7449	562467.32	4326609.21	0.00463	562447.58
	4326609.72	0.00456		
7450	562427.85	4326610.22	0.00447	562408.12
	4326610.72	0.00439		
7451	562388.38	4326611.22	0.00431	562368.65
	4326611.73	0.00424		
7452	562348.91	4326612.23	0.00413	562329.18
	4326612.73	0.00402		
7453	562309.45	4326613.24	0.00392	562289.71
	4326613.74	0.00379		
7454	562269.98	4326614.24	0.00365	562250.24
	4326614.74	0.00351		
7455	562230.51	4326615.25	0.00337	562210.78
	4326615.75	0.00320		
7456	562191.04	4326616.25	0.00303	562171.31
	4326616.75	0.00282		
7457	562151.57	4326617.26	0.00259	562132.02
	4326637.75	0.00269		
7458	562132.20	4326657.74	0.00302	562132.39
	4326677.73	0.00339		
7459	562132.57	4326697.72	0.00367	562132.75
	4326717.71	0.00386		
7460	562132.93	4326737.70	0.00407	562133.11
	4326757.69	0.00427		
7461	562133.29	4326777.68	0.00446	562133.48
	4326797.67	0.00464		
7462	562133.66	4326817.66	0.00481	562133.84
	4326837.65	0.00497		
7463	562134.02	4326857.64	0.00513	562134.20
	4326877.63	0.00528		
7464	562134.39	4326897.62	0.00542	562134.57
	4326917.61	0.00555		
7465	562134.75	4326937.60	0.00569	562134.93
	4326957.59	0.00583		
7466	562135.11	4326977.58	0.00595	562135.29
	4326997.57	0.00607		
7467	562135.48	4327017.56	0.00619	562135.66
	4327037.55	0.00632		
7468	562135.84	4327057.54	0.00644	562136.02
	4327077.53	0.00656		
7469	562136.20	4327097.52	0.00665	562136.39
	4327117.51	0.00676		
7470	562136.57	4327137.50	0.00685	562136.75
	4327157.49	0.00696		
7471	562136.93	4327177.48	0.00708	562137.11
	4327197.47	0.00759		

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
562137.29	4327217.46	0.00769	562137.48	4327237.45	0.00778
562137.66	4327257.44	0.00788	562137.84	4327277.43	0.00797
562138.02	4327297.42	0.00805	562138.20	4327317.41	0.00813
562138.39	4327337.40	0.00820	562138.57	4327357.39	0.00824
562138.75	4327377.38	0.00829	562138.93	4327397.37	0.00833
562139.11	4327417.36	0.00838	562139.29	4327437.35	0.00845
562139.48	4327457.33	0.00852	562139.66	4327477.32	0.00858
562139.84	4327497.31	0.00863	562140.02	4327517.30	0.00866
562140.20	4327537.29	0.00867	562140.38	4327557.28	0.00868
562140.57	4327577.27	0.00870	562140.75	4327597.26	0.00875
562140.93	4327617.25	0.00884	562141.11	4327637.24	0.00890
562141.29	4327657.23	0.00893	562141.48	4327677.22	0.00894
562141.66	4327697.21	0.00895	562141.84	4327717.20	0.00892
562142.02	4327737.19	0.00888	562142.20	4327757.18	0.00884
562142.38	4327777.17	0.00880	562142.57	4327797.16	0.00876
562142.75	4327817.15	0.00871	562142.93	4327837.14	0.00866
562143.11	4327857.13	0.00862	562143.29	4327877.12	0.00855
562143.48	4327897.11	0.00849	562143.66	4327917.10	0.00846
562143.84	4327937.09	0.00839	562144.02	4327957.08	0.00834
562144.20	4327977.07	0.00824	562144.38	4327997.06	0.00847
562144.57	4328017.05	0.00872	562144.75	4328037.04	0.00867
562144.93	4328057.03	0.00862	562145.11	4328077.02	0.00857
562145.29	4328097.01	0.00847	562145.48		

```
          4328117.00        0.00825
          562145.66    4328136.99        0.00802                        562145.84
          4328156.98        0.00786
          562146.02    4328176.97        0.00772                        562146.20
          4328196.96        0.00762
          562146.38    4328216.95        0.00754                        562146.57
          4328236.94        0.00747
          562146.75    4328256.93
          0.00731

FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
DPM                          ***        11/14/24
 *** AERMET - VERSION  19191 ***   *** Met data: Oroville
 2015-2019                                          ***        11:46:05

                              PAGE 141
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL

                                   *** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED
                                  OVER   5 YEARS ***


                                   ** CONC OF DPM      IN
                                   MICROGRAMS/M**3                          **


                     NETWORK
GROUP ID                        AVERAGE CONC                RECEPTOR  (XR, YR, ZELEV,
ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - -

ALL       1ST HIGHEST VALUE IS       0.01100 AT (  562944.67,  4328278.59,    94.26,
780.04,    0.00)  DC
          2ND HIGHEST VALUE IS       0.01100 AT (  563044.38,  4328278.80,    94.43,
          674.75,    0.00)  DC
          3RD HIGHEST VALUE IS       0.01100 AT (  562964.61,  4328278.64,    94.34,
          780.04,    0.00)  DC
          4TH HIGHEST VALUE IS       0.01099 AT (  563064.33,  4328278.84,    94.46,
          674.75,    0.00)  DC
          5TH HIGHEST VALUE IS       0.01099 AT (  562924.72,  4328278.55,    94.30,
          780.04,    0.00)  DC
          6TH HIGHEST VALUE IS       0.01099 AT (  563084.27,  4328278.89,    94.46,
          674.64,    0.00)  DC
          7TH HIGHEST VALUE IS       0.01099 AT (  563203.93,  4328279.14,    94.25,
          662.28,    0.00)  DC
          8TH HIGHEST VALUE IS       0.01099 AT (  563124.16,  4328278.97,    94.45,
          662.28,    0.00)  DC
          9TH HIGHEST VALUE IS       0.01099 AT (  563183.99,  4328279.10,    94.33,
          662.28,    0.00)  DC
         10TH HIGHEST VALUE IS       0.01098 AT (  563104.21,  4328278.93,    94.49,
         667.72,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
FF *** AERMOD - VERSION 23132  ***   *** Janus Solar and Battery Strorage Project-
DPM                          ***        11/14/24
 *** AERMET - VERSION  19191 ***   *** Met data: Oroville
 2015-2019                                          ***        11:46:05

                              PAGE 142
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL
```

```
*** Message Summary : AERMOD Model Execution ***

 --------- Summary of Total Messages --------

A Total of            0 Fatal Error Message(s)
A Total of            1 Warning Message(s)
A Total of         4109 Informational Message(s)

A Total of        43824 Hours Were Processed

A Total of         2683 Calm Hours Identified

A Total of         1426 Missing Hours Identified (  3.25 Percent)


   ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
ME W186      85       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold
used           0.50

   ***********************************
   *** AERMOD Finishes Successfully ***
   ***********************************
```

APPENDIX E
UPDATED HARP2 OUTPUT

HARP2 - HRACalc (dated 22118) 11/14/2024 12:44:16 PM - Output Log

GLCs loaded successfully
Pollutants 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: 0.9

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 0.9
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: False
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: ON

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
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 saved to: C:\Users\s.sridharan\Documents\CEQA\Janus Solar\HRA1\JanusSolarMEIRCancerRisk.csv
Calculating chronic risk
Chronic risk saved to: C:\Users\s.sridharan\Documents\CEQA\Janus Solar\HRA1\JanusSolarMEIRNCChronicRisk.csv
Calculating acute risk
Acute risk saved to: C:\Users\s.sridharan\Documents\CEQA\Janus Solar\HRA1\JanusSolarMEIRNCAcuteRisk.csv
HRA ran successfully

```

HARP2 - HRACalc (dated 22118) 11/14/2024 12:48:42 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Worker
Scenario: All
Calculation Method: HighEnd

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 16
Total Exposure Duration: 0.9

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: 0.9
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
NOTE: The worker adjustment factors below are only used for cancer assessments. However, the GLC adjustment factor is also applied to 8-hr noncancer chronic assessments.
Worker adjustments factors enabled: YES
GLC adjustment factor: 2
Exposure frequency: 250

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): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Mixed

```
65
66  **********
67  TIER 2 SETTINGS
68
69  Tier2 adjustments were used in this assessment.  Please see the input file for details.
70  Tier2 - What was changed: ED or start age changed|
71  Calculating cancer risk
72  Cancer risk saved to: C:\Users\s.sridharan\Documents\CEQA\Janus
    Solar\HRA1\JanusSolarMEIWCancerRisk.csv
73  Calculating chronic risk
74  Chronic risk saved to: C:\Users\s.sridharan\Documents\CEQA\Janus
    Solar\HRA1\JanusSolarMEIWNCChronicRisk.csv
75  Calculating acute risk
76  Acute risk saved to: C:\Users\s.sridharan\Documents\CEQA\Janus
    Solar\HRA1\JanusSolarMEIWNCAcuteRisk.csv
77  HRA ran successfully
78
```

HARP2 - HRACalc (dated 22118) 8/1/2024 1:53:06 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 0
Total Exposure Duration: 0.9

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0.9
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: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: Moderate8HR

Worker Adjustment Factors
NOTE: The worker adjustment factors below are only used for cancer assessments. However, the GLC adjustment factor is also applied to 8-hr noncancer chronic assessments.
Worker adjustments factors enabled: YES
GLC adjustment factor: 2
Exposure frequency: 250

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: ON

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
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 saved to: C:\Users\s.sridharan\Documents\CEQA\Janus Solar\HRA\JanusSolarSR1CancerRisk.csv
Calculating chronic risk
Chronic risk saved to: C:\Users\s.sridharan\Documents\CEQA\Janus Solar\HRA\JanusSolarSR1NCChronicRisk.csv
Calculating acute risk
Acute risk saved to: C:\Users\s.sridharan\Documents\CEQA\Janus Solar\HRA\JanusSolarSR1NCAcuteRisk.csv
HRA ran successfully
```

HARP2 - HRACalc (dated 22118) 8/1/2024 1:45:41 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 5
Total Exposure Duration: 0.9

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 0.9
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: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: Moderate8HR

Worker Adjustment Factors
NOTE: The worker adjustment factors below are only used for cancer assessments. However, the GLC adjustment factor is also applied to 8-hr noncancer chronic assessments.
Worker adjustments factors enabled: YES
GLC adjustment factor: 2
Exposure frequency: 250

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): 0.05
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 saved to: C:\Users\s.sridharan\Documents\CEQA\Janus Solar\HRA\JanusSolarSRCancerRisk.csv
Calculating chronic risk
Chronic risk saved to: C:\Users\s.sridharan\Documents\CEQA\Janus Solar\HRA\JanusSolarSRNCChronicRisk.csv
Calculating acute risk
Acute risk saved to: C:\Users\s.sridharan\Documents\CEQA\Janus Solar\HRA\JanusSolarSRNCAcuteRisk.csv
HRA ran successfully
```

APPENDIX F
UPDATED 2020 PHASE I ENVIRONMENTAL SITE ASSESSMENT

DRAFT Phase I Environmental Site Assessment: RWE Solar Development, LLC: Janus Solar
~~1830~~ 1958 and 1961 Spring Valley Road Williams California 95987

Tt Project No. 194-7055

TETRA TECH

PRESENTED TO

RWE Solar Development, LLC
20 California Street, Suite 500
San Francisco, CA 94111
Attn: Ms. Camila Goetze

PRESENTED BY

Tetra Tech, Inc.
17885 Von Karman Avenue
Irvine, CA 92614-6213
949-809-5043

November 25, 2024

www.tetratech.com

EXECUTIVE SUMMARY

Tetra Tech, Inc. (Tetra Tech) conducted a Phase I Environmental Site Assessment (ESA) on behalf of RWE Solar Development, LLC and any entity in which it has an ownership interest, either directly or indirectly, for the real property listed as Favero Ranch (hereinafter referred to as the "Site") located at ~~1830 Spring Valley Road~~ 1958 and 1961 Spring Valley Road (Figure 1). The Site is further identified by the Colusa County Assessor's Office as the Assessor's Parcel Numbers: 018-050-005-000, 018-050-006-000 and 018-050-013-000.

INTRODUCTION

This Phase I ESA was performed in accordance with American Society for Testing and Materials (ASTM) Standard E1527-13 and Final Rule 40 Code of Federal Regulations (CFR) Part 312 et seq. and the U.S. Environmental Protection Agency's All Appropriate Inquiries Final Rule, 40 CFR Part 312. Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report. The objective of this Phase I ESA is to identify Recognized Environmental Conditions (RECs) in connection with the Site. ASTM defines a REC as: "the presence or likely presence of any hazardous substances or petroleum products on a property; (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment."

SITE DESCRIPTION

The Site is located at ~~1830~~1958 and 1961 Spring Valley Road in Williams, California, approximately 8 miles southwest of the city of Williams. The Site is currently operated as a cattle ranch and is comprised of three parcels totaling approximately 967 acres and is surrounded by rural residential, agricultural fields, and undeveloped land. The Site boundaries as pertaining to this report exclude approximately 56 acres of land west of Spring Valley Road (Figure 2). The Favero Corral Area contains all buildings associated with the above listed addresses and will be considered part of this report however, no construction or activities are expected to take place within this space. No other buildings are listed or found on the Site besides what is found in the Favero Corral Area and the Favero retained areas to the west (Figure 3).

SITE HISTORY

Based on a review of historical documentation, the Site appears as partially developed land as far back as 1937 with at least a couple of man-made structures located in a planted tree patch along the southern border and evidence of tilling and agricultural activities throughout the Site. Documentation of surrounding areas show some land improvements of a road and some buildings to the north and east as far back as 1907. Land improvements to the Site appear to be minimal with mostly dirt roads and cattle fencing. In 1989, the historical topographic map shows a windmill located on the Site. Most of the land improvements appear to be to the surrounding areas and adjacent properties which include residential agricultural structures and the creation of dirt roads. According to the City Directories provided in the November 2019 Environmental Data Resources Inc. reports, the Site was owned by the Charles Marsh Ranch in 1996, by Gaylene Parker from 2001 through 2009, and then by Thomas A. Corriea in 2014. However, according to the questionnaire provided by Rex. Favero on behalf of the current owner, Favero Ranch, the Favero family has owned the Site since 1984 with the previous owner being "Kron." No Sanborn maps exist to confirm previous ownership for the Site or the surrounding areas. Based on aerial imagery and the questionnaire provided by the current owner, the Site was used for agriculture, mainly the grazing of cattle, throughout its history. Further details regarding the history of the Site, previous site occupants, and surrounding vicinity are provided in Section 3.5.1.

FINDINGS

Tetra Tech conducted a site reconnaissance on November 20, 2019. No significant environmental concerns were noted during the site reconnaissance.

CONCLUSIONS

Tetra Tech performed a Phase I ESA in conformance with the scope and limitations of ASTM E1527-13 (and Final Rule 40 CFR Part 312 *et seq*.) with respect to the Site. Any exceptions to, or deletions from, this practice are described in Section 1.2 of this report. This assessment has revealed one REC in connection with the Site. Tetra Tech's conclusions are set forth, as follows:

This Phase I ESA investigation has revealed no RECs in connection with the Site as defined by ASTM E1527-13

This Phase I ESA investigation has revealed no *Historical RECs* in connection with the Site as defined by ASTM E1527-13.

This Phase I ESA investigation has revealed no *Controlled RECs* with respect to the Site as defined by ASTM E1527-13.

Tetra Tech identified some *de minimis* staining near waste oil storage next to the maintenance building. Due to the size and nature of the staining, this is not considered a REC.

Tetra Tech identified no potential business environmental risks associated with the Site within the Phase I ESA scope.

TABLE OF CONTENTS

EXECUTIVE SUMMARY **1**

1.0 INTRODUCTION **1**
1.1 Purpose 1
1.2 Limiting Conditions and Methodology Used 1
1.3 Significant Assumptions 2
1.4 Limitations and Exceptions 2
1.5 Special Terms and Conditions 2
1.6 User Reliance 3

2.0 PROJECT DESCRIPTION **4**
2.1 Location of the Site 4
2.2 Characteristics of the Site and Vicinity 4
2.3 User Provided Information 5
2.3.1 Title Records 5
2.3.2 Environmental Liens 5
2.3.3 Site Improvements 5

3.0 RECORDS REVIEW **6**
3.1 Standard Environmental Record Sources 6
3.1.1 National Priorities List (Superfund) 7
3.1.2 Comprehensive Environmental Response, Compensation, and Liability Information System 7
3.1.3 Resource Conservation and Recovery Act Corrective Action Reports 8
3.1.4 Resource Conservation and Recovery Act Non-Corrective Action Reports Treatment, Storage, and Disposal Facilities 8
3.1.5 Resource Conservation and Recovery Act Generator List 8
3.1.6 Federal Emergency Response Notification System List 8
3.1.7 State Hazardous Waste List (State-Equivalent NPL and CERCLIS) 8
3.1.8 State Landfills and/or Solid Waste Disposal Sites 8
3.1.9 California State Leaking Underground Storage Tank Sites 8
3.1.10 California State Registered Underground Storage Tanks 8
3.1.11 California State Voluntary Cleanup Sites and/or Independent Remedial Action Program 9
3.1.12 Orphaned / Unmappable Properties 9
3.1.13 California Integrated Water Quality System 9
3.1.14 California Environmental Protection Agency Regulated Site Portal 9
3.1.15 Other Historical or Regulatory Findings 9
3.2 Vapor Encroachment Screen 10
3.3 Agency Records 10
3.4 Previous Environmental Reports 11
3.5 Additional Environmental Record Sources 11
3.5.1 Prior Uses of the Site and Surrounding Properties 12
3.6 Property History Summary 14

4.0 SITE RECONNAISSANCE **15**
4.1 Methodology and Limitations 15
4.2 Current Property Use 15
4.3 Past Property Use 15
4.4 Observations 15

4.4.1 Interior and Exterior Observations 15
4.4.2 Chemical Usage/Waste Storage 15
4.4.3 Abandoned or Unidentified Containers 16
4.4.4 Catch Basins, Pits, Ponds, Lagoons and Drains 16
4.4.5 Dry Wells 16
4.4.6 Soil Staining 16
4.4.7 Vegetative Stress 16
4.4.8 Sheens 17
4.4.9 Soil Disturbance 17
4.4.10 Odors 17
4.4.11 Underground Storage Tanks 17
4.4.12 Aboveground Storage Tanks 17
4.4.13 Oil and Gas Wells/Activities 17
4.4.14 Polychlorinated Biphenyl-Containing Materials 17
4.4.15 Monitoring Wells and Soil Borings 17
4.4.16 Spills/Releases 17
4.4.17 Surface Debris 17
4.4.18 Hydraulic Equipment 17
4.4.19 Air Compressor Usage 17
4.4.20 Asbestos-Containing Materials 17
4.4.21 Lead-Based Paint and Other Lead-Containing Materials 18
4.4.22 Lead in Drinking Water 18
4.4.23 Microbial Growth and Moisture Intrusion 18
4.4.24 Waste Disposal 18
4.4.25 Wastewater Discharges 18
4.4.26 Storm Water Discharges 18
4.4.27 Utilities 18
4.5 Current Use of Adjoining Properties 18
4.6 Past Use of Adjoining Properties 18

5.0 INTERVIEWS 19
5.1 Past and/or Present Owners and/or Occupants 19
5.2 State and Local Government Officials 19

6.0 FINDINGS AND CONCLUSIONS 20
6.1 Characteristics of the Site and Vicinity 20
6.2 Summary of Findings 20
6.3 RECs 20
6.4 HRECs 20
6.5 CRECs 21
6.6 Business Environmental Risks 21
6.7 Non-ASTM Environmental Issues 21
6.8 Limitations and Exceptions of Assessments 21
6.8.1 Data Failures, Data Gaps, and Other Opinions 22

7.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONALS 23

8.0 REFERENCES 24

LIST OF TABLES

Table 3-1. Records Review 6
Table 3-2. Vapor Encroachment Screen Approximate Minimum Search Distances Surrounding the Subject Property (miles) 10
Table 3-3. Prior Uses and Features of Site and Surrounding Properties 12
Table 4-1. Storage Tank Summary 16

LIST OF FIGURES

Figure 1. Site Location Map
Figure 2. Site Map and Surrounding Areas
Figure 3. Site Map and Surrounding Areas (Favero Corral Area)

APPENDICES

Appendix A – Client Provided Information
Appendix B – Regulatory Documentation
Appendix C – User and Owner Questionnaires
Appendix D – EDR Regulatory Database Report and Historical Documentation
Appendix E – Permits
Appendix F – Site Photographs
Appendix G – Qualifications of Environmental Professionals

1.0 INTRODUCTION

Tetra Tech, Inc. (Tetra Tech) conducted a Phase I Environmental Site Assessment (ESA) on behalf of RWE Solar Development, LLC (RWE) for the asset listed as the Favero Ranch property located at ~~18301~~1958 Spring Valley Road and 1961 Spring Valley Road in Williams, California (hereinafter referred to as the "Site"; Figures 1 and 2). This Phase I ESA was completed in accordance with the requirements of American Society for Testing and Materials (ASTM) E1527-13 and All Appropriate Inquiries Final Rule 40 Code of Federal Regulations (CFR) Part 312.

Tetra Tech conducted interviews with owners, operators, and/or occupants of the facility on the Site, reviewed federal, tribal, state and local government records, and performed a visual inspection of the Site.

This report was prepared based on review of the data as described herein, in accordance with generally accepted professional practices, applicable to work of similar nature and complexity of similar localities, at the time the services were performed. No warranty, express or implied, is made. The scope of this report is intended to provide a preliminary evaluation of the current readily observable/obvious environmental conditions at the Site at the time of the site reconnaissance and report preparation and does not constitute a definitive or in-depth review of all of the potential environmental impairments and situations. Tetra Tech assumes no responsibility for conditions of which it is unaware and/or to which there was no opportunity or request for review.

It is important to recognize that even the most comprehensive scope of services may not detect all the environmental liabilities at a particular site. Therefore, nothing herein shall be construed as a representation or certification that the Site is either fully characterized or is free of environmental impairments and/or contamination.

In order to conduct the investigation for this report, Tetra Tech reviewed readily available information, as discussed in this report, and unless explicitly included in our scope included no verification of the accuracy or completeness of documentation or data or possible withholding of information by the interviewees, agencies, or other parties.

1.1 PURPOSE

Pursuant to the scope of work and the applicable ASTM standard, the purpose of this ESA is to identify recognized environmental conditions (RECs) in connection with the Site. As defined in Section 1.1.1 of ASTM Standard E1527-13, "recognized environmental conditions" means "the presence or likely presence of any hazardous substances or petroleum products on a property; (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment." A "hazardous substance or petroleum product" is not intended to include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies."

1.2 LIMITING CONDITIONS AND METHODOLOGY USED

The scope of work includes interviews with the property owners, occupants and/or operators, regulatory database review, visual noninvasive reconnaissance of the Site, compilation and evaluation of data, and preparation of this report.

Tetra Tech's assessment is limited strictly to identifying RECs, controlled recognized environmental conditions (CRECs), and historical recognized environmental conditions (HRECs) associated with the Site. Tetra Tech's assessment did not include evaluation of structural conditions of any buildings on the Site, nor were sampling of soils, groundwater, or surface water within the scope of work. In addition, this assessment did not attempt to identify the presence of environmental contamination that exists in areas that were not able to be visually inspected. This includes surface soils located under pavement, interiors of structures, landfills, vehicles, or other media interference; subsurface soils; groundwater; or areas of the Site or buildings on the Site which were otherwise inaccessible due to locked or blocked accesses; geographic or vegetation impediments; weather interferences; or size of the Site.

The site reconnaissance was conducted by ground inspection and vehicle inspection completed as warranted based on visual observations and data developed during a pre-site reconnaissance desktop review of aerial photography, historic topographic maps, and regulatory agency database search. A complete description of the site reconnaissance is provided in Section 4.0. The inspection covered the Site with particular focus on areas of suspected chemical and petroleum usage and/or storage, discharges, soil disturbance, review of groundwater investigation data, and/or unusual vegetation. Tetra Tech did not inspect subsurface features such as underground utilities or utility corridors. Additionally, Tetra Tech did not inspect the interior of related structures.

Tetra Tech did not sample the Site for the potential for liabilities associated with the following:

- Asbestos-containing building materials
- Biological Agents
- Radon
- Lead-based paint
- Lead in drinking water
- Wetlands
- Regulatory compliance
- Cultural and historic resources
- Industrial hygiene
- Health and safety
- Ecological resources
- Endangered species
- Indoor air quality
- Mold

This list is not all-inclusive, and no implication is intended as to the relative importance of inquiry. These can present environmental liabilities to a property owner but are not included in the ASTM Standard E1527-13 scope of work for Phase I ESAs.

1.3 SIGNIFICANT ASSUMPTIONS

In reviewing the information from the client, Tetra Tech evaluated the thoroughness and reliability of the information provided. Tetra Tech cannot, however, warrant or guarantee either the accuracy or the comprehensiveness of such information.

1.4 LIMITATIONS AND EXCEPTIONS

Results of this assessment are based upon the visual site inspection of readily accessible areas of the Site conducted by Tetra Tech personnel, information from interviews with knowledgeable persons regarding the Site, information reviewed regarding historical uses, information provided by contacted regulatory agencies, and review of publicly available and practically reviewable information identifying current and historical uses of the Site and surrounding properties. A title search was not conducted for the Phase I ESA. No environmental samples were collected from the Site.

1.5 SPECIAL TERMS AND CONDITIONS

In accordance with the agreed upon scope of work between RWE and Tetra Tech, there are no special terms and conditions. In the event of any conflict between the terms and conditions of this report and the terms and conditions of the consulting services agreement between RWE and Tetra Tech, the consulting services agreement shall control.

1.6 USER RELIANCE

This report was prepared for the sole use of RWE and its beneficiaries and any entity in which it has an ownership interest, whether directly or indirectly. This report was prepared in accordance with generally accepted professional practices, applicable to work of similar nature and complexity of similar localities, at the time the services were performed. No warranty, express or implied, is made. Tetra Tech's services, and the resulting scope and conclusions of this report are in accordance with the criteria of ASTM practice E1527-13 governing Phase I ESAs and All Appropriate Inquiries Final Rule 40 CFR Part 312.

2.0 PROJECT DESCRIPTION

2.1 LOCATION OF THE SITE

The Site is located in Williams, California in a rural/agricultural area at ~~18301~~1958 and 1961 Spring Valley Road (Figures 1 and 2). The Site is located in Colusa County, east of the Cortina Ridge and is approximately 8 miles southwest of the City of Williams.

2.2 CHARACTERISTICS OF THE SITE AND VICINITY

The Site is comprised of three parcels totaling approximately 967 acres and is surrounded by rural residential, agricultural fields, and undeveloped land. The Site boundaries as pertaining to this report exclude approximately 56 acres of land west of Spring Valley Road (Figure 2). The Favero Corral Area contains all buildings associated with the above listed addresses and will be considered part of this report, however, no construction or activities are expected to take place within this space. The Favero Corral Area is improved with six buildings and one large open-air garage as well as corral areas used for cattle. The six buildings include a warehouse, a maintenance shop, a small shed and three residential-like buildings. No other buildings are listed or found on the Site besides what is found in the Favero Corral Area and the Favero retained areas to the west (Figure 3). The Site is configured with one rectangular-like parcel to the west of Spring Valley Road and two larger rectangular-like parcels to the east of Spring Valley Road. The Site parcels according to the Colusa County, California assessor database (Appendix A) include:

- 018-050-005-000, approximately 620 acres, is associated with the ~~18301~~1958 Spring Valley Road address and contains the Favero cattle ranch corral property as well as most of the grazing areas. Two aboveground storage tanks (ASTs) containing water can be found on this parcel along with a derelict windmill. The corral portion of the property is not part of this Phase I ESA.
- 018-050-006-000, approximately 250 acres, to the east of the 018-050-005-000 parcel. No improvements are found on this parcel.
- 018-050-013-000, approximately 148.08 acres, is associated with the 1961 Spring Valley Road address. A residential house is found on this parcel however it is not part of this Phase I ESA. Approximately 56 acres of land is taken out of this to be retained by Favero.

Section 8.2.4 of the ASTM Standard E1527-13 states “a current United States Geological Survey (USGS) 7.5 Minute Topographic Map (or equivalent) showing the area on which the property is located shall be reviewed. It is the only standard physical setting source and the only physical setting source that is required to be obtained.” A topographic map of the Site was reviewed (Figure 1). Discretionary physical setting sources shall be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to the property or from or within the property into the groundwater or soil and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial and customary practice in initial environmental site assessments in the type of commercial real estate transaction involved, in order to assess the impact of such migration on RECs in connection with the Site.

The Site is located within the Sacramento Valley and is approximately 324 feet above sea level. The Site and surrounding area are underlain by soils of the Capay Formation (Environmental Data Resources Inc. [EDR] Radius Map). The Capay Formation is described as a clay loam with very slow infiltration rates and are moderately well drained. There is also some Corning Formation which is also described as a silt loam with very slow infiltration rates and are well drained. The rock stratigraphic is from the Upper Cretaceous of the Mesozoic era.

Federal Emergency Management Agency

According to Federal Emergency Management Agency information Flood Insurance Rate Map (Appendix B) the Site is mostly located in Zone X. According to Federal Emergency Management Agency website information,

Zone X includes areas outside of the 0.2 percent annual chance flood (500-year flood). There are a few portions that are in Zone A which are areas that are subject to inundation by the 1 percent annual chance of a flood event in any given year. These Zone A areas appear to overlay areas that contain the ephemeral creek beds of Spring Creek which enter into part of the Site.

2.3 USER PROVIDED INFORMATION

Phase I ESA questionnaires were provided to the current landowner, Favero Ranch, for completion. The questionnaire was completed by Rex Favero, one of the owners at Favero Ranch. Information from the questionnaire, as well as other documentation provided to Tetra Tech by Favero Ranch or RWE Solar Development, LLC, is referenced below and included in applicable sections of this Phase I ESA report. A copy of the completed questionnaire is provided in Appendix C.

2.3.1 Title Records

A title search was not conducted by Tetra Tech as part of this Phase I ESA and is not required as part of ASTM-1527-13 requirements. The lack of this information does not represent a significant data gap.

2.3.2 Environmental Liens

No information regarding environmental liens or activity and use limitations was provided to Tetra Tech by Favero or RWE and none were indicated based on the files received for this Phase I.

2.3.3 Site Improvements

The Site, as described in Section 2.2, Characteristics of the Site and Vicinity, contain six buildings and one large open-air garage as well as corral fencing used for cattle. The six buildings include a warehouse, a maintenance shop, a small shed and three residential-like buildings. The Site does not have any other improvements besides dirt roads, fencing, concrete culverts, water tanks, and a windmill. The use of the remainder of the Site is comprised of grazing areas and retainment ponds for cattle ranching (Figure 2).

3.0 RECORDS REVIEW

This section includes the results of the database search, review of physical setting services, and historical uses of the Site and adjoining properties.

3.1 STANDARD ENVIRONMENTAL RECORD SOURCES

A search of readily available federal, state, regional, and local agency database listings was conducted by EDR. The EDR Radius Map and GeoCheck report (and related source documentation) is presented in Appendix D. EDR searched numerous government databases as described in detail in its report, including, but not limited to the following databases specified in Section 8.2.1 of ASTM E1527-13.

Table 3-1. Records Review

Data Source*	Search Distance, Miles	# of Records on Site	# Of Records Within Search Area
National Priorities List (NPL) Sites	1.0	0	0
Proposed NPL	1.0	0	0
NPL Liens	TP	0	NR
Delisted NPL	1.0	0	0
Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)	0.5	0	0
Federal Facility	0.5	0	0
CERC-NFRAP	0.5	0	0
CORRACTS (Corrective Action Reports)	1.0	0	0
Resource Conservation and Recovery Act (RCRA) Treatment, Storage, and Disposal Facilities (TSDF)	0.5	0	0
RCRA Large Quantity Generator (LQG)	0.25	0	0
RCRA Small Quantity Generator (SQG)	0.25	0	0
RCRA Very Small Quantity Generator (VSQ)	0.25	0	0
LUCIS	0.5	0	0
US Engineering Controls	0.5	0	0
US and State Institutional Controls	0.5	0	0
US Brownfields	0.5	0	0
Emergency Response Notification System (ERNS)	TP	0	NR
State and Tribal Equivalent NPL (Response)	1.0	0	0
State and Tribal Landfills	0.5	0	0
State and Tribal CERCLIS (Envirostor)	0.5	0	0
State Leaking Underground Storage Tank (LUST)	0.5	0	0
Tribal LUST	0.5	0	0
FEMA UST	0.25	0	0
State and Tribal Registered UST	0.25	0	**1**
State and Tribal Registered AST	0.25	0	0
Indian UST	0.25	0	0

Data Source*	Search Distance, Miles	# of Records on Site	# Of Records Within Search Area
State and Tribal Voluntary Cleanup Sites (VCP)	0.5	0	0
Institutional Controls	0.5	0	0
State and Tribal Brownfield	0.5	0	0
Drycleaners	0.25	0	0
US Clandestine Drug Lab (CDL)/Historical US CDL	TP	0	NR
Local Lists of Landfill/Solid Waste Disposal Sites	0.5	0	0
Liens / Liens 2	TP	0	0
Deed	0.5	0	0
SPILLS	TP	0	NR
Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA)/Toxic Substances Control Act (TSCA) Tracking System (FFTS)/Historical FFTS	TP	0	NR
RCRA NonGen/NLR	0.25	0	0
Integrated Compliance Information System (ICIS)	TP	0	NR
Facility Index System/Facility Registry System (FINDS)	TP	0	NR
US MINES	0.25	0	0
Enforcement and Compliance History Information (ECHO)	TP	0	NR
Risk Management Plans (RMP)	TP	0	NR
US Aerometric Information Retrieval System (AIRS)	TP	0	NR
CERS	0.25	0	**1**
CIWQS	1.0	0	**1**
U.S. Environmental Protection Agency (EPA) Watch List	TP	0	NR
EDR Manufactured Gas Plant (MGP)	1.0	0	0
EDR US Historical Auto Stations	0.25	0	0
EDR US Historical Cleaners	0.25	0	0

TP- target property, NR- not required

* Not all databases are listed in Table 3-1. A complete listing of databases searched are included in Appendix D.

3.1.1 National Priorities List (Superfund)

The National Priorities List (NPL) identifies federal Superfund sites with the highest priority for cleanup. ASTM Standard E 527-13 requires the identification of NPL sites within 1 mile of the Site. There are no NPL sites identified within 1 mile of the boundaries of the Site.

3.1.2 Comprehensive Environmental Response, Compensation, and Liability Information System

The Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) list identifies sites that the U.S. Environmental Protection Agency (EPA) has investigated or is in the process of investigating for potential hazardous substance contamination. A CERCLIS site may or may not become an NPL site. The ASTM Standard E1527-13 requires the identification of CERCLIS sites within 0.5 mile of the Site. The standard also requires the identification of CERCLIS No Further Remedial Action Planned sites on a Property or adjoining properties. There are no federal CERCLIS No Further Remedial Action Planned sites identified within

0.5 mile of the boundaries of the Site and no State and tribal equivalent CERCLIS, Confirmed and Suspected Contaminated Sites List (CSCSL), identified within 1 mile of the boundaries of the Site.

3.1.3 Resource Conservation and Recovery Act Corrective Action Reports

The Resource Conservation and Recovery Act (RCRA) Corrective Action Reports (CORRACTS) is used to track the status and filing of any corrective actions that have taken place at a facility. ASTM Standard E1527-13 requires the identification of RCRA CORRACTS facilities within 1 mile of the Site. There are no RCRA CORRACTS sites identified within 1 mile of the boundaries of the Site.

3.1.4 Resource Conservation and Recovery Act Non-Corrective Action Reports Treatment, Storage, and Disposal Facilities

The RCRA non-CORRACTS treatment, storage, and disposal facilities (TSDF) lists those facilities where treatment, storage, and/or disposal of hazardous wastes takes place and where corrective remedial action has not been required by EPA, as defined and regulated by RCRA. ASTM Standard E1527-13 requires the identification of RCRA non-CORRACTS TSDF within 0.5 mile of the Site. There are no RCRA non-CORRACTS TSDF within 0.5 mile of the boundaries of the Site.

3.1.5 Resource Conservation and Recovery Act Generator List

The EDR Report lists no RCRA generator property within 0.25 mile of the Site (ASTM E1527-13 criteria is to identify RCRA generator sites that are on, adjacent to, or adjoining, the Site).

3.1.6 Federal Emergency Response Notification System List

The federal Emergency Response Notification System (ERNS) list records and stores information on reported releases of oil and hazardous substances. ASTM Standard E1527-13 requires the identification of ERNS on the Site. The Site and adjacent properties were not listed on the ERNS list.

3.1.7 State Hazardous Waste List (State-Equivalent NPL and CERCLIS)

ASTM Standard E1527-13 requires that state-equivalent NPL (Hazardous Sites List), Response, and CERCLIS (CSCSL) properties be identified within 1 mile of the Site. There are no sites identified on CSCSL within 1 mile of the Site.

3.1.8 State Landfills and/or Solid Waste Disposal Sites

Landfills and/or solid waste disposal sites are facilities that used to accept or currently accept waste of any kind for disposal onsite. ASTM Standard E1527-13 requires the identification of these sites within 0.5 mile of the subject properties. There are no state landfills and/or solid waste disposal sites within 0.5 mile of the boundaries of the Site.

3.1.9 California State Leaking Underground Storage Tank Sites

The Leaking Underground Storage Tank (LUST) database is a listing of confirmed or suspected releases to soil or groundwater from underground storage tanks (USTs) that have been reported to the state. ASTM Standard E1527-13 requires the identification of LUST sites within 0.5 mile of the Site. No LUST sites were identified within 0.5 miles of the Site.

3.1.10 California State Registered Underground Storage Tanks

The UST database contains registered USTs. USTs are regulated under Subtitle I of the RCRA. A review of the UST list, as provided by EDR, and dated October 31, 2019 revealed one UST site within approximately 0.25 miles of the target property, however on review of the data, the address and the name of the owner is associated with a different location within Williams. The address of the associated UST is for a Love's Travel Stop #652 located at 100 Margurite Street in Williams, California. The address given appears to contain the business listed however the

location of the address and business is approximately 8.75 miles to the northeast of the Site, on the other side of the city of Williams. The coordinates for the site may be incorrectly listed in the database.

3.1.11 California State Voluntary Cleanup Sites and/or Independent Remedial Action Program

A review of the California State Voluntary Cleanup Program sites list by EDR has no listed Voluntary Cleanup Program within 0.5 mile of the boundaries of the Site.

3.1.12 Orphaned / Unmappable Properties

The EDR Report listed no properties as “orphaned” or unmappable due to incomplete or incorrect location information.

3.1.13 California Integrated Water Quality System

The California Integrated Water Quality System is a system used by the state and regional water quality boards to track information about places of environmental interest. One site was listed by the California Integrated Water Quality System within 1 mile of the Site and it is for a National Pollutant Discharge Elimination System permit (CAG990005) to the Reclamation District 1004 to discharge residual aquatic pesticides to waterways in the area for algae and aquatic weed control (Appendix E). No environmental violations were found.

3.1.14 California Environmental Protection Agency Regulated Site Portal

The California EPA Regulated Site Portal (CERS) is a database that combines data about environmentally regulated sites and facilities in California into one database. One site was listed by CERS within 1 mile of the Site which is for the National Pollutant Discharge Elimination System permit discussed above.

3.1.15 Other Historical or Regulatory Findings

EDR US Historical Auto Stations: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR’s review was limited to those categories of sources that might, in EDR’s opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR’s HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns but may not show up in current government records searches. A review of the addresses and historic addressed associated with the Site and adjacent properties revealed that none of the properties are located on or adjacent to the Site. There are also no listed properties found within 0.25 miles of the Site.

EDR US Historical Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR’s review was limited to those categories of sources that might, in EDR’s opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, Laundromat, cleaning/laundry, wash and dry etc. This database falls within a category of information EDR classifies as HRHR. EDR’s HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns but may not show up in current government records searches. A review of the addresses and historic addressed associated with the Site and adjacent properties revealed that none of the properties are located on or adjacent to the Site. There are also no listed properties found within 0.25 miles of the Site.

Based on Tetra Tech’s review, the remaining surrounding properties listed in the EDR Report are not likely to present a significant environmental concern to the Site, based on the nature of their hazardous waste operations, releases and/or their distance/gradient location relative to the Site.

3.2 VAPOR ENCROACHMENT SCREEN

Tetra Tech completed an initial vapor encroachment screen to determine if a vapor encroachment condition (VEC) exists in the subsurface below any existing structures at the subject property from hazardous substances, petroleum, and petroleum products that can include volatile organic compounds, semi volatile organic compounds, and inorganic volatile compounds. The Tier 1 non-invasive vapor encroachment screen was performed for the chemicals of concern and the approximate recommended minimum search distances included in ASTM E2600-10, *Standard Guide for Vapor Encroachment Screening on Sites Involved in Real Estate Transactions*. The following minimum search distances are outlined in ASTM E2600-10 (ASTM 2010) and Table 3-2 below.

Table 3-2. Vapor Encroachment Screen Approximate Minimum Search Distances Surrounding the Subject Property (miles)

Standard Environmental Record Sources (where available)	Chemicals of Concern	Petroleum Hydrocarbon Chemicals of Concern
Federal NPL	0.33	0.1
Federal CERCLIS	0.33	0.1
Federal RCRA CORRACTS	0.33	0.1
Federal RCRA non-CORRACTS TSDF	0.33	0.1
Federal RCRA Generators	Subject Property Only	Subject Property Only
Federal Institutional Control/Engineering Control	Subject Property Only	Subject Property Only
Federal ERNS	Subject Property Only	Subject Property Only
State and Tribal-equivalent NPL	0.33	0.1
State and Tribal-equivalent CERCLIS	0.33	0.1
State and Tribal Landfill or Solid Waste Disposal Sites	0.33	0.1
State and Tribal LUST	0.33	0.1
State and Tribal UST	Subject Property Only	Subject Property Only
State and Tribal Institutional Control/Engineering Control	Subject Property Only	Subject Property Only
State and Tribal Voluntary Cleanup	0.33	0.1
State and Tribal Brownfield	0.33	0.1

Based on the results of the Tier 1 vapor encroachment screening, no potential VEC sites were identified, therefore no Tier 2 screening was conducted to further evaluate whether these facilities pose a VEC with respect to the Site.

3.3 AGENCY RECORDS

The following agencies were contacted for information related to environmental issues associated with the Site and surrounding properties:

- City of Williams – City Clerk's Office
- Colusa County – Environmental Health Division
- California Department of Pesticide Regulation
- California Department of Toxic Substances Control
- California Office of Environmental Health Hazard Assessment
- EPA Comprehensive Environmental Response, Compensation, and Liability Act Region 9

Regulatory correspondence documents are provided as Appendix B.

City of Williams – City Clerk's Office

On November 17, 2019 Tetra Tech emailed the City of Williams - City Clerk's Office in an effort to obtain any records that include groundwater or soil sampling reports/analytical results, reports of spills of petroleum or hazardous chemicals (both closed and open), ASTs and USTs closure reports/certificates, inspection reports, wastewater permits, air permits, building permits, and reports of chemical odors or fumes. At the time of writing this report, Tetra Tech has not received any response prudent to the request.

Colusa County – Department of Environmental Health

On November 17, 2019, Tetra Tech filled out a public records release request and sent an email to the County of Colusa in an effort to obtain any records that include groundwater or soil sampling reports/analytical results, reports of spills of petroleum or hazardous chemicals (both closed and open), ASTs and USTs closure reports/certificates, inspection reports, wastewater permits, air permits, building permits, and reports of chemical odors or fumes. Colusa County responded on November 18, 2019 with well and septic applications for the Site.

California Department of Pesticide Regulation

On November 17, 2019, Tetra Tech submitted a records request through California Department of Pesticide Regulation. A response from Department of Pesticide Regulation indicated that they do not have any records pertaining to Site. A suggestion to reach out to the Colusa County Agricultural Commissioner's Office was given (Appendix F).

Colusa County Agricultural Commissioner's Office

On November 25, 2019, Tetra Tech reached out to the Colusa County Agricultural Commissioner's Office for any permits that might pertain to environmental issues. A response from the Commissioner's Office gave a National Pollutant Discharge Elimination System permit (CAG990005) to the Reclamation District 1004 to discharge residual aquatic pesticides to waterways in the area for algae and aquatic weed control.

U.S. Environmental Protection Agency, Region 9

On November 26, 2019 Tetra Tech submitted a records request to the EPA Region 9. At the time of writing this report, Tetra Tech has not received any response prudent to the request.

No other responses from the remaining contacted agencies have been received as of the date of this Phase I ESA. Any future responses will be evaluated, and if deemed appropriate, the responses will be forwarded as an addendum to this Phase I ESA under separate cover. Based on its review of other sources, however, Tetra Tech considers it unlikely that any further regulatory records would alter the conclusions or recommendations of this report.

3.4 PREVIOUS ENVIRONMENTAL REPORTS

Previous environmental investigation reports were not provided to Tetra Tech by either RWE Solar Development, LLC or by the current owners. Based on a review of available records and during the performance pf the current Phase I ESA, it does not appear that any previous environmental reports exist for the Site.

3.5 Additional Environmental Record Sources

Prior uses of the Site and surrounding properties were drawn from review of agency records and historical information obtained from EDR including aerial photographs, city directories, and topographic maps; fire insurance maps were not available. Table 3-3 below is a summary of historical information drawn from the EDR records (provided in Appendix D).

3.5.1 Prior Uses of the Site and Surrounding Properties

Table 3-3. Prior Uses and Features of Site and Surrounding Properties

Decade Starting	Site	Surrounding Properties	Sources
1890	No Sources Found	No Sources Found	N/A
1900	No sources found for the Site, however a topographic map for land immediately to the east of the Site boundaries is found.	E: The scale of the map is too large to discern specific details regarding the Site and surrounding areas; however, the land appears to be mostly undeveloped with Spring Valley spring and a road running west to east. A single rectangular building can be found to the east of the Site along the road. Walters Creek is located running west to east to the southeast.	T(1907)
1910	No sources found for the Site, however a topographic map for land immediately to the east of the Site boundaries is found.	E: The scale of the map is too large to discern specific details regarding the Site and surrounding areas; however, the surrounding areas appears to be in a similar configuration as the previous map with the exception of an additional rectangular structure to the southeast of the Site.	T(1918)
1920	No Sources Found	No Sources Found	N/A
1930	The Site appears to be mostly undeveloped plowed open land with a spring running across it going west to east through the middle. Two rectangular buildings can now be located in the northwest corner of the middle parcel. Some light vegetation can be seen along the spring. A small grouping of trees forming a rectangular formation around two structures can be found along the southern border of the Site. There appears to be a dirt road truncating the Site from west to east near the north of the Site. Spring Valley Road can be seen running through the Site going from north to south	N: The area immediately north of the Site appears to be undeveloped open land. Further to the north is Spring Valley Road. E: Based on the scale and extent of the maps no information can be discerned however it is assumed that the land immediately to the east of the Site is undeveloped open land. S: The area immediate to the south of the Site is a small creek and dirt road that boarders the property boundary. Most of the land is undeveloped open land with the exception of a couple small plots of land adjacent to the Site to the southwest that have a few rectangular structures. Further to the south is another plot of land that appears to have a few man-made rectangular structures. W: The area immediately west of the Site appears to be undeveloped open land. Further to the northwest of the Site is a plot of land containing a couple of man-made structures.	A(1937)
1940	The Site appears as undeveloped land with a creek truncating the Site from west to east. Two rectangular structures can be found along the southern border of the Site property.	N: Based on the scale and extent of the maps no information can be discerned however it is assumed that the land immediately to the north of the Site is undeveloped open land. E: The area immediately to the east of the Site appears to be undeveloped land with the creek that runs through the Site and the creek that runs along the southern border meeting to continue further east. S:The area immediately to the south of the Site is a small creek and road that runs along the border of the Site. Further to the south is a road that leads to a man-made structure. W:The area immediately to the west appears to be open undeveloped land with the exception of a road that goes westward away from the Site.	T(1944)

Decade Starting	Site	Surrounding Properties	Sources
1950	The Site appears to be in a similar configuration as the previous years with the exception of the two small rectangular structures in the southern portion of the Site are now gone.	No significant changes could be discerned in the surrounding properties to the Site.	A(1952, 1957)
1960	The Site appears to be in a similar configuration as the previous years.	No significant changes could be discerned in the surrounding properties to the Site with the exception of the road to the south continuing to the south.	T(1961)
1970	Aerial resolution of the Site is too poor to discern any changes to the Site or the surrounding properties, however a topographic map for land immediately to the east of the Site boundaries is found. It is assumed that the Site is in a similar configuration as the previous years.	N: Aerial resolution of the areas to the north are too poor to discern any changes. It is assumed that the area to the north is in a similar configuration as previous years. E: No significant changes can be noted in the area immediately to the east of the Site besides three new structures and a road going to them further to the east. S: Aerial resolution of the areas to the south are too poor to discern any changes. It is assumed that the area to the south is in a similar configuration as previous years. W: Aerial resolution of the areas to the west are too poor to discern any changes. It is assumed that the area to the west is in a similar configuration as previous years.	A(1974) T(1973)
1980	The Site appears to be in a similar configuration as the previous years.	No significant changes could be discerned in the surrounding properties to the Site with the exception of multiple other buildings being added to the property adjacent to the southwest.	A(1983, 1987) T(1989)
1990	Aerial resolution is poor however it appears that the Site is in a similar configuration as the previous years. The 1994 topographic map indicates that there is a wind operated device or windmill located on the Site. ~~According to the city directory, Charles Marsh Ranch is located at 1830 Spring Valley Road in 1996.~~	<u>According to the city directory, Charles Marsh Ranch is located at 1830 Spring Valley Road in 1996.</u> Aerial resolution however, no significant changes could be discerned in the surrounding properties to the Site.	A(1993, 1998) CD(1996) T(1994)
2000	No significant changes noted. Site appears in a configuration largely matching that of the current property configuration. Can now discern individual buildings in detail. ~~According to the city directory Gaylene Parker is located at 1830 Spring Valley Road in 2001, 2005, and 2009.~~	<u>According to the city directory Gaylene Parker is located at 1830 Spring Valley Road in 2001, 2005, and 2009.</u> No significant changes could be discerned in the surrounding properties to the Site.	A(2005) CD(2001, 2005, 2009)
2010	No significant changes noted. ~~According to the city directory, Thomas A. Corriea is located at 1830 Spring Valley Road in 2014.~~	<u>According to the city directory, Thomas A. Corriea is located at 1830 Spring Valley Road in 2014</u>. No significant changes could be discerned in the surrounding properties to the Site.	A(2010, 2012, 2014, 2016) T(2012) CD(2014)

N= north, E = east, S = south, W= west

Sources:
A = aerial photograph (year in parentheses), CD = city directory abstract (year in parentheses), T = topographic map (year in parentheses), FIM=Fire Insurance Maps, and NA = not applicable (no sources found).

3.6 PROPERTY HISTORY SUMMARY

Based on a review of historical documentation, the Site appears as partially developed land as far back as 1937 with at least a couple of man-made structures located in a planted tree patch along the southern border and evidence of tilling and agriculture activities throughout the Site. Documentation of surrounding areas show some land improvements of a road and some buildings to the north and east as far back as 1907. Land improvements to the Site appear to be minimal with mostly dirt roads and cattle fencing. In 1989, the historical topographic map shows a windmill located on the Site. Most of the land improvements appear to be to the surrounding areas and adjacent properties which include residential agricultural structures and the creation of dirt roads. According to the City Directories provided in the November 2019 EDR Reports, the Site was owned by the Charles Marsh Ranch in 1996 then by Gaylene Parker from 2001 through 2009 then Thomas A. Corriea in 2014. However, according to the questionnaire provided by the current owner, Mr. Favero, Favero Ranch has owned the Site since 1984 with the previous owner being “Kron.” No Sanborn maps exist to confirm to confirm previous ownership for the Site or the surrounding areas. Based on aerial imagery and the questionnaire the Site was used for agriculture, mainly the grazing of cattle throughout its history.

4.0 SITE RECONNAISSANCE

The objective of the site reconnaissance is to obtain information about the Site and surrounding properties indicating the likelihood of RECs associated with the Site. This includes describing the exterior and interior of the Site buildings and the general Site setting and obtaining photographs of the Site which document the site reconnaissance. The photographs taken during this site reconnaissance are included in Appendix F.

A site reconnaissance was completed by Mr. Kian Lew of Tetra Tech on November 20, 2019. Weather at the time of the site reconnaissance was sunny and very windy with an ambient air temperature of approximately 68 degrees Fahrenheit.

4.1 METHODOLOGY AND LIMITATIONS

The site reconnaissance consisted of a visual assessment of the facility and a curbside review of adjacent properties and was conducted consistent with the methodology specified in ASTM E1527-13. The purpose of the site reconnaissance was to evaluate the Site for evidence of current or previous activities that may have resulted in adverse environmental impacts. The following subsections detail visual observations of the Site and other potential sources of contamination identified during the site reconnaissance. All portions of the Site were accessible to Tetra Tech personnel and no specific limitations to our inspection were noted. Site features identified during the site reconnaissance are illustrated in Figure 2 and Figure 3.

4.2 CURRENT PROPERTY USE

The Site consists of approximately 967 acres of land within an agricultural setting in the outskirts of the City of Williams. The Site is currently utilized as a cattle ranch with grazing land.

4.3 PAST PROPERTY USE

Details regarding the past property use of the Site are provided in Section 3.5 and 3.6.

4.4 OBSERVATIONS

4.4.1 Interior and Exterior Observations

At the time of the site reconnaissance by Tetra Tech, the Site was observed to be improved with six buildings and one large open-air garage as well as corral areas used for cattle. The six buildings include a warehouse, a maintenance shop, a small shed and three residential-like buildings. Other improvements include dirt roads, fencing, concrete culverts, water tanks, and a windmill. The concrete culverts, windmill and the water tanks were located in the middle of the Site on parcel 018-050-005-000 (see photolog). All other Site improvements include dirt roads to provide access across the Site and fencing to keep cattle in certain areas. What appears to be a man-made tree stand can be found in the southern portion of the Site. Access most of the Site can be reached by going through the Favero Corral Area in the northwestern portion of the middle parcel. The Favero Corral Area has most of the man-made improvements to the area and consists of multiple buildings and storage structures used in cattle ranching. The dirt road, Spring Valley Road truncates the Site going from north to south and splits the parcels 018-050-013-000 and 018-050-005-000. Baker Road runs along the southern border of the 018-050-013-000 parcel and an unnamed dirt road runs along the southern border of the 018-050-005-000 and 018-050-005-000 parcels.

4.4.2 Chemical Usage/Waste Storage

Tetra Tech observed a couple of areas in the Favero Corral Area of the Site that were utilized for chemical storage and/or hazardous waste storage. Storage on the Favero Corral Area include waste oil, water, liquid cattle feed, and gasoline/diesel storage tanks (Figure 3). A scrap metal and small junk yard was also observed in the field north of

the main Corral Area however all staining appeared to be *de minimis*. The only other storage tanks that were observed on the Site included two ASTs containing water located in the middle of the Site.

Table 4-1 summarizes the storage tanks located at the Site, which were observed during the site reconnaissance.

Table 4-1. Storage Tank Summary

Tank #	Description	Contents	Capacity (gallons)	Location
1	Metal aboveground storage tank #1	Water	~5,000	Middle of parcel 018-050-005-000
2	Metal aboveground storage tank #2	Water	~5,000	Middle of parcel 018-050-005-000
3	Poly aboveground storage tank #1	Empty, Liquid Feed	~5,000	Corral Area
4	Poly aboveground storage tank #2	Empty, Liquid Feed	~275	Corral Area
5	Metal aboveground storage tank #3	Gasoline	~1,000	Corral Area
6	Metal aboveground storage tank #4	Gasoline	~1,000	Corral Area
7	Metal aboveground storage tank #5	Diesel	~1,000	Corral Area
8	Metal aboveground storage tank #6	Diesel	~1,000	Corral Area
9	Poly aboveground storage tank #3	Empty	~1,000	Corral Area
10	Poly aboveground storage tank #4	Water	~20,000	Corral Area
11	Poly aboveground storage tank #5	Water	~20,000	Corral Area
12	Poly aboveground storage tank #6	Water	~20,000	Corral Area
13	Metal aboveground storage tank #7	Water	~10,000	Corral Area
14	Metal aboveground storage tank #8	Empty, Gasoline	~1,000	Corral Area
15	Poly aboveground storage tank #7	Empty, Unknown	~10,000	Corral Area
16	Poly aboveground storage tank #8	Empty, Unknown	~10,000	Corral Area

4.4.3 Abandoned or Unidentified Containers

Some abandoned or unidentified containers were observed on the Site during the site reconnaissance on the outskirts of the Favero Corral Area and in a junkyard area north of the corral area. No significant staining was observed.

4.4.4 Catch Basins, Pits, Ponds, Lagoons and Drains

Several retention basins most likely used for runoff were observed on the Site during the site reconnaissance. No evidence of dumping was observed near basins.

4.4.5 Dry Wells

No evidence of dry wells was observed at the site during the site reconnaissance.

4.4.6 Soil Staining

No evidence of soil staining was observed at the site during the site reconnaissance.

4.4.7 Vegetative Stress

Due to the time of year and that most of the land is used for grazing or is plowed, most of the vegetation was dry or dead. As a result, no stressed vegetation out of the ordinary was observed during the site reconnaissance.

4.4.8 Sheens

No evidence of sheens was observed during the site reconnaissance.

4.4.9 Soil Disturbance

Some soil disturbance evidence near retention basins and tree stands were observed, most likely due to cattle activities.

4.4.10 Odors

Some noticeable odors were detected during the site reconnaissance near retention basins, however they were attributed to cattle activities.

4.4.11 Underground Storage Tanks

No evidence of the presence of existing or previous USTs was observed on the Site during the site reconnaissance.

4.4.12 Aboveground Storage Tanks

Tetra Tech observed two water ASTs associated with the operation and maintenance of the Site, which are listed in Table 4-1.

4.4.13 Oil and Gas Wells/Activities

During the site reconnaissance, no visual evidence of current or historical oil wells and/or oil and gas activities was observed at the Site or in its immediate vicinity.

4.4.14 Polychlorinated Biphenyl-Containing Materials

No polychlorinated biphenyl-containing materials were observed during the site reconnaissance.

4.4.15 Monitoring Wells and Soil Borings

No previous boring locations were observed during the site reconnaissance.

4.4.16 Spills/Releases

No evidence of spills or releases was observed during the site reconnaissance besides some *de minimis* staining near waste oil drums.

4.4.17 Surface Debris

No evidence of surface debris was found on the Site during the site reconnaissance, however some debris was observed in the Favero Corral Area with a small junkyard area in the field north of the main cattle ranch buildings containing scrap metal, spare parts, and old tires. No evidence of ground staining or additional contamination was noted.

4.4.18 Hydraulic Equipment

No hydraulic equipment was observed during the site reconnaissance.

4.4.19 Air Compressor Usage

No air compressor equipment was observed during the site reconnaissance.

4.4.20 Asbestos-Containing Materials

No buildings or structures are located on the Site. However, based on the age of construction materials at the Site (1930s), the potential for asbestos-containing materials was identified in the Favero corral property. At the time of

the site reconnaissance, an asbestos-containing material survey was not conducted to evaluate the presence of such materials.

4.4.21 Lead-Based Paint and Other Lead-Containing Materials

No evidence of lead-based paint or other lead containing materials were observed on the Site during the site reconnaissance. However, based on the age of construction materials at the Site (1930s), the potential for lead-based paint and other lead-containing materials was identified in the Favero corral property. At the time of the site reconnaissance, a lead-based paint survey was not conducted to evaluate the presence of such materials.

4.4.22 Lead in Drinking Water

Drinking water supplied to the Site is expected to comply with state standards, such that lead is unlikely to be present at elevated levels. No information was provided or obtained suggesting elevated lead levels in drinking water at the Site. Drinking water is provided to the Site via wells located onsite.

4.4.23 Microbial Growth and Moisture Intrusion

Tetra Tech observed no evidence of potential mold/microbial growth and/or moisture intrusion at the Site during the site reconnaissance.

4.4.24 Waste Disposal

Tetra Tech observed no evidence of waste disposal at the Site during the site reconnaissance.

4.4.25 Wastewater Discharges

No wastewater discharges were observed on the Site during the site reconnaissance.

4.4.26 Storm Water Discharges

No stormwater drains or grates were observed on the Site during the site reconnaissance. However, there are several retention basins located throughout the Site that appear to contain and runoff that may occur from the Site.

4.4.27 Utilities

Overhead power lines were observed along the Spring Valley Road and leading to buildings located in the Favero Corral Area and adjacent to the Site. Electricity utilities are provided to the area by Pacific Gas and Electric; natural gas (propane) is provided to the area by Ferrell Gas; and the Site does not have any sewer services.

4.5 CURRENT USE OF ADJOINING PROPERTIES

The Site is surrounded by mostly open land in the adjoining properties with areas to the north and northwest retained by the Favero cattle ranching. Some residential buildings are also located to the west northwest. Spring Valley Road truncates the Site between parcels 018-050-13-000 and 018-050-005-000 and continues past the Site boundaries to the north and south. The Site is bounded to the south by Baker Road along the southwestern portion of the Site and by an unnamed dirt road and Spring Creek along the rest of the southern borders. Some small residential buildings are located to the southwest of the Site. Based on the Site and area history, the land in the adjoining properties are used for cattle ranching and agriculture.

4.6 PAST USE OF ADJOINING PROPERTIES

Past uses of the adjoining properties are discussed in Section 4.3 and in Table 3-3.

The adjoining properties to the Site were historically noted primarily for agricultural use since development of the surrounding area beginning in the 1900s.

5.0 INTERVIEWS

5.1 PAST AND/OR PRESENT OWNERS AND/OR OCCUPANTS

An owner/occupant questionnaire was completed by Mr. Rex Favero, one of the owners of Favero Ranch, on November 12, 2019. Mr. Favero indicated in the owner questionnaire that he was not aware of any environmental cleanup liens or activity/land use limitations at the Site. Mr. Favero indicated that he is not aware of any environmental issues pertaining to the Site than already noted.

The completed Owner/Occupant questionnaire is provided in Appendix C.

5.2 STATE AND LOCAL GOVERNMENT OFFICIALS

State and local government agencies were contacted for information related to the Site as discussed in Section 3.3. No other interviews with state or local government agency officials were deemed necessary, based on the information available for the Site.

6.0 FINDINGS AND CONCLUSIONS

6.1 CHARACTERISTICS OF THE SITE AND VICINITY

The Site is comprised of three parcels totaling approximately 967 acres and is surrounded by rural residential, agricultural fields, and undeveloped land. The Site boundaries as pertaining to this report exclude approximately 56 acres of land west of Spring Valley Road (Figure 2). The Favero Corral Area contains all buildings associated with the above listed addresses and will be considered part of this report, however, no construction or activities are expected to take place within this space. The Favero Corral Area is improved with six buildings and one large open-air garage as well as corral areas used for cattle. The six buildings include a warehouse, a maintenance shop, a small shed and three residential-like buildings. No other buildings are listed or found on the Site besides what is found in the Favero Corral Area and the Favero retained areas to the west (Figure 3). The Site is configured with one rectangular-like parcel to the west of Spring Valley Road and two larger rectangular-like parcels to the east of Spring Valley Road. At the time of the site reconnaissance by Tetra Tech, the Site was observed to be improved with dirt roads, fencing, concrete culverts, water tanks, and a windmill. The concrete culverts, windmill and the water tanks were located in the middle of the Site on parcel 018-050-005-000 (see Appendix F). Other Site improvements include dirt roads to provide access across the Site and fencing to keep cattle in certain areas. What appears to be a man-made tree stand can be found in the southern portion of the Site. Access to the Site can be made via Spring Valley Road and by going through the Favero Corral Area in the northwestern adjacent property. The location of the Site is depicted on Figure 1.

6.2 SUMMARY OF FINDINGS

Tetra Tech has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-13 of the Site. Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report.

Based on a review of historical documentation, the Site appears as partially developed land as far back as 1937 with at least some dirt roads and possible fencing. Buildings possible associated with cattle ranching can also be seen in adjacent properties. No buildings besides those found in the Favero Corral Area are currently occupying the Site. Further details regarding the history of the Site, previous site occupants, and surrounding vicinity are provided in Section 3.5.

Tetra Tech conducted a site reconnaissance on November 20, 2019. No significant environmental concerns were noted or observed during the site reconnaissance.

6.3 RECs

Section 3.2.78 of ASTM Standard E1527-13 defines RECs as the "*presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions.*"

This Phase I ESA was performed in general conformance with the scope and limitations of ASTM Practice E1527-13 of the Site. Any exceptions to, or deletions from, this practice are described in Section 6.8 of this report.

This Phase I ESA has revealed no REC(s) in connection with the Site as defined by ASTM E1527-13.

6.4 HRECS

Section 3.2.42 of ASTM Standard E1527-13 defines HRECs as "*a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (e.g., property use restrictions, activity and use limitations*

[AULs], institutional controls or engineering controls)." Before calling the past release an HREC, the Environmental Professional (EP) must determine whether the past release is a REC at the time the Phase I ESA is conducted (e.g., if there has been a change in the regulatory criteria). If the EP considers this past release to be a REC at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a REC."

This Phase I ESA has revealed no HRECs in connection with the Site as defined by ASTM E1527-13.

6.5 CRECs

Section 3.2.18 of ASTM Standard E1527-13 defines CRECs as an "*a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority (e.g., as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances allowed to remain in place subject to the implementation of required controls. A condition considered by the environmental professional to be a CREC shall be listed in the findings section of the ESA and as a REC in the conclusions section of the ESA.*"

This Phase I ESA has revealed no CRECs with respect to the Site as defined by ASTM E1527-13.

6.6 BUSINESS ENVIRONMENTAL RISKS

Section 3.2.11 of ASTM Standard E1527-13 defines business environmental risk as "*a risk which can have a material, environmental, or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice. Consideration of business environmental risk issues may involve addressing one or more non-scope considerations*."

This Phase I ESA has revealed no business environmental risks in connection with the Site as defined by ASTM E1527-13.

6.7 NON-ASTM ENVIRONMENTAL ISSUES

Tetra Tech identified some *de minimis* staining near waste oil storage next to the maintenance building. Due to the size and nature of the staining, this is not considered a REC or environmental concern.

6.8 LIMITATIONS AND EXCEPTIONS OF ASSESSMENTS

This report is prepared for the sole use of the RWE and its representatives and assignees, pursuant to the Consulting Services Agreement between RWE and Tetra Tech, and is based on review of the available data, as described herein, in accordance with generally accepted professional practices, applicable to work of similar nature and complexity at similar localities, at the time the services were performed. No warranty, expressed or implied, is made.

The scope of this report is limited in nature and intended to provide a preliminary evaluation of the current conspicuous environmental conditions at the site at the time of the report and does not constitute definitive or in-depth review of all the potential environmental impairments and situations. Tetra Tech assumes no responsibility for conditions of which it is unaware and/or as to which there was no opportunity or request for review.

It is important to recognize that even the most comprehensive scope of services may not detect all the environmental liabilities at a particular site. Therefore, nothing herein shall be construed as a representation or certification that the site is either fully characterized or is free of environmental impairments and/or contamination.

To conduct the ESA for this report, Tetra Tech evaluated the readily available information. Tetra Tech cannot, however, warrant or guarantee either the accuracy or the comprehensiveness of such information.

6.8.1 Data Failures, Data Gaps, and Other Opinions

Through the course of this assessment, Tetra Tech may have encountered data failures or data gaps. These failures or gaps, if any, are discussed below. The following provides the opinion of the EP as to the significance of the data gaps in terms of defining recognized environmental conditions at the Site. Data failures may or may not be significant data gaps, and the discussion also provides information pertaining to whether the data failures resulted in significant data gaps.

6.8.1.1 Data Failures

Data failure is a failure to achieve the historical (property use) research objectives specified in the ASTM Standard Practice even after reviewing the standard historical sources that are reasonably ascertainable and likely to be useful. Data failure is one type of data gap.

Tetra Tech identified no data failures during the course of this Phase I ESA.

6.8.1.2 Data Gaps

A data gap is a lack of or inability to obtain information required by the ASTM Standard Practice, despite good faith efforts by the EP to gather such information. This could include any component of the Practice, e.g., standard environmental records, interviews, or a complete reconnaissance. A data gap by itself is not inherently significant, but if other information and/or the EP's experience raise reasonable concerns about the gap, it may be judged to be significant.

7.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONALS

I declare that, to the best of my professional knowledge and belief, I meet the definition of EP as defined in Section 312.10 of 40 CFR 312. I have the specific qualifications based on education, training and experience to assess a property of the nature, history and setting of the property (Appendix G). I have developed and performed all the appropriate inquires in conformation with the standards and practices set forth in 40 CFR Part 312.

Preparation of this Report was conducted by the following Tetra Tech personnel:

Kian Lew
Environmental Scientist

Review of the Report was performed by the following Tetra Tech personnel:

Jennifer Merrick
Senior Project Manager

8.0 REFERENCES

Resources Consulted:

- Environmental Data Resources Inc. (EDR) of Shelton, Connecticut, Regulatory Agency Database Report, dated October 31, 2019.
- EDR Aerial Photo Decade Package, dated November 05, 2019.
- EDR City Directory Image Report, dated November 06, 2019.
- EDR Historical Topographic Map Report, dated November 01, 2019.
- EDR Radius Map Report, dated October 31, 2019
- EDR Certified Sanborn® Map Report, dated October 31, 2019.

Regulatory Agencies Contacted:

- City of Williams – City Clerk's Office
- Colusa County – Environmental Health Division
- California Department of Pesticide Regulation
- California Department of Toxic Substances Control
- California Office of Environmental Health Hazard Assessment
- U.S. Environmental Protection Agency Comprehensive Environmental Response, Compensation, and Liability Act Region 9

Documents and Maps:

- State Water Resources Control Board, Notice of Applicability; Reclamation District 1004, March 28, 2014.
- FEMA FIRM Map, USGS April 2019.
- Colusa County Health & Human Services, Application for Well/Pump Permit, May 23, 2003.
- Colusa County Health & Human Services, Application for Sewage Disposal System Permit, June 25, 2003.
- ASTM, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process," ASTM Designation E1527-13, 2013.
- ASTM, "Standard Guide for Vapor Encroachment Screening on Sites Involved in Real Estate Transactions," ASTM Designation E2600-10, 2010.