

A P P E N D I X C

AIR QUALITY, GREENHOUSE GAS, ENERGY, AND CONSTRUCTION HEALTH RISK ASSESSMENT MODELING

Assumptions Worksheet

CalEEMod Inputs - Construction

Name:
Project Number: COSC-07.2
Project Location: City of San Carlos
County: San Mateo County
Land Use Setting: Urban
Operational Year: NA
Air Basin: San Francisco Bay Area Air Basin
Air District: Bay Area Air Quality Management District

	Total
Project Site Acreage	2.09
Additional Improvement Area	0.08
Disturbed Site Acreage	2.17

New Construction				
	Number of Units	Land Use Area (SF)	Floor Area (SF)	Acres
Hotel (Building A)	--	31,128	31,128	0.71
Hotel (Building B/C)	188	104,599	0	0.00
Parking Structure		8,933	0	0.00
Trash enclosure	--	411	0	0.00
TOTAL BUILDING			31,128	0.71
Landscaping	--	11,427	11,427	0.26
Landscaping - Offsite		960	960	0.02
Surface Parking Lot	148	13,780	13,780	0.32
Asphalt	--	27,636	27,636	0.63
Hardscape	--	7,233	7,233	0.17
Hardscape - Offsite		2,440	2,440.00	0.06
				2.17

CalEEMod Land Use Inputs

Land Use Type	Land Use Subtype	Unit Amount	Size Metric	Lot Acreage	Land Use Square Feet	Landscape Square Feet
Recreational	Hotel	188	Room	0.51	127,205	12,387
Parking Lot	Parking Lot	13,780	1000 BSF	0.3163	13,780	
Parking Lot	Parking Structure	8,933	1000 BSF	0.2051	8,933	
Parking Lot	Other Asphalt	27.64	1000 BSF	0.63	27,636	
Parking Lot	Other Non-Asphalt	9,673	1000 BSF	0.222	9,673	
Recreational	City Park	0.284	acre	0.284	12,387	
				2.17		

Demolition

		Haul Truck Capacity				
Component	Tons Demolished ¹	(Ton) ²	Haul Distance (miles) ²	Total Trip Ends	Duration (days)	Trip Ends/ day
Asphalt Demolition	294	20.23	20	30	30	2
Total	294			30		2

Soil Haul

Construction Activities	Import Haul Volume (cy) ¹	Haul Truck Capacity (CY) ²	Haul Distance (miles) ²	Total Trip Ends	Duration (days)	Trip Ends/ day
Grading	2,933	20	20.00	293	9	34

¹ Based on information provided by project applicant.

² CalEEMod Version 2022.1.1.14 default value.

Architectural Coating

Land Use	Land Use Square Feet	CalEEMod Factor ¹	Total Paintable Surface Area	Paintable Interior Area ²	Paintable Exterior Area ³
Hotel	127,205	2.0	254,410	190,808	63,603
Parking Structure	8,933	0.05	447	402	45
Total Non-Residential	136,138		254,857	191,209	63,647
			254,857	191,209	63,647
Parking Structure	8,933	6%	536	0	536
Parking Lot	13,780	6%	827	0	827
			1,363	0	1,363

¹ The program assumes the total surface for painting equals 2 times the floor square footage for non-parking garage nonresidential square footage defined by the user and 5 percent for parking garage square footage. Architectural coatings for the parking lot and the parking stalls of a parking garage is based on CalEEMod methodology applied to a surface parking lot (i.e., striping), in which 6% of surface area is painted.

² CalEEMod methodology calculates the paintable interior and exterior areas by multiplying the total paintable surface area by 75 and 25 percent, respectively, for non-parking garage nonresidential structures and 90 and 10 percent, respectively, for parking garages.

Construction Mitigation

BAAQMD Best Management Practices¹

Water Exposed Area	Frequency:	2	per day
	PM10:	55	% Reduction
	PM25:	55	% Reduction
Unpaved Roads	Vehicle Speed:	15	mph

¹ These two measures from BAAQMD's list of Basic BMPs are applied in the unmitigated modeling scenario per recommendations in the BAAQMD's 2022 CEQA Guidelines.

CalEEMod Inputs - Operation: Proposed Project

Name:	
Project Number:	COSC-07.2
Project Location:	City of San Carlos
County:	San Mateo
Land Use Setting:	Urban
Operational Year:	2025
Utility Company:	Peninsula Clean Energy
Air Basin:	San Francisco Bay Area Air Basin
Air District:	Bay Area Air Quality Management District

	Total
Project Site Acreage	2.09
Additional Improvement Area	0.08
Disturbed Site Acreage	2.17

New Construction				
	Number of Units	Land Use Area (SF)	Floor Area (SF)	Acres
Hotel (Building A)		31,128	31,128	0.71
Hotel (Building B/C)	188	104,599	0	0.00
Parking Structure		8,933	0	0.00
Trash enclosure		411	0	0.00
TOTAL BUILDING			31,128	0.71
Landscaping	--	11,427	11,427	0.26
Surface Parking Lot	148	13,780	13,780	0.32
Asphalt		27,636	27,636	0.63
Hardscape		7,233	7,233	0.17
				2.09

CalEEMod Land Use Inputs

Land Use Type	Land Use Subtype	Unit Amount	Size Metric	Lot Acreage	Land Use Square Feet	Landscape Square Feet
Recreational	Hotel	188	DU	0.71	127,205	11,427
Parking Lot	Enclosed Parking with Elevator	8,933	1000 BSF	0.00	8,933	0
Parking Lot	Parking Lot	148	Stalls	0.32	13,780	0
Parking Lot	Other Non-Asphalt	18,660	1000 BSF	0.43	7,233	0
Parking Lot	Other Asphalt	27.64	1000 BSF	0.63	27,636	0
				2.09		

Project Trips CalEEMod Inputs¹

Land Use	Weekday Trip Rate	Saturday Trip Rate	Sunday Trip Rate
Hotel	4.02	5.79	4.43
	756	1,089	833

¹ Based on information provided by W-Trans.

Vehicle Mix¹

	Daily Trips	Percent of Trips
Trucks	28	3.70%
Passenger Vehicles	728	96.30%
Total	756	100%

¹ Based on information provided by W-Trans.

Water Demand¹

	Gallons Per Day	Gallons Per Year
Indoor Water: ²	28,200	10,293,000
Outdoor Water:	344	125,724
Total	28,544	10,418,724

¹ As discussed under Impact UTIL-1 of Chapter 4.1713, Utilities and Service Systems, of this Draft EIR, the indoor water usage for the proposed hotel is based on the City's Sewer Collector Master Plan wastewater generation rate of 150 gallons per day for hotels. Additionally, the outdoor water demand is based on the State's Model Water Efficient Landscape Ordinance water budget worksheet for non-residential landscapes.

² Assumes no septic.

Solid Waste¹

Land Use	Amount (tons/yr)	Solid Waste Rate
Hotel	68.62	0.365

¹ Based on solid waste calculations under Impact UTIL-8 of the SEIR.

Architectural Coating

Land Use	Land Use Square Feet	CalEEMod Factor ¹	Total Paintable Surface	Paintable Interior Area ²	Paintable Exterior Area ²
Hotel	127,205	2.0	254,410	190,808	63,603
Parking Structure	8,933	0.05	447	402	45
Total Non-Residential	136,138		254,857	191,209	63,647
Parking Structure	8,933	6%	536	0	536
Surface Parking Lot	13,780	6%	827	0	827
			1,363	0	1,363

¹ The program assumes the total surface for painting equals 2 times the floor square footage for non-parking garage nonresidential square footage defined by the user and 5 percent for parking garage square footage. Architectural coatings for the parking lot and the parking stalls of parking garages is based on CalEEMod methodology applied to a surface parking lot (i.e., striping), in which 6% of surface area is painted.

² CalEEMod methodology calculates the paintable interior and exterior areas by multiplying the total paintable surface area by 75 and 25 percent, respectively, for non-parking garage nonresidential structures and 90 and 10 percent, respectively, for parking garages.

Carbon Intensity Factors

Peninsula Clean Energy Carbon Intensity Factors

	Intensity Factors ¹	
CO2:	99.983	pounds per megawatt hour
CH4	0.033	pound per megawatt hour
N2O	0.004	pound per megawatt hour

¹ CalEEMod Version 2022.1.1.14 default value.

Construction Activities and Schedule Assumptions:

* based on info provided by applicant

CalEEMod Construction Schedule

		Construction Schedule			
Construction Activities	Phase Type	Start Date	End Date	CalEEMod Duration (Workday)	Calendar Days
Building Demolition	Demolition	6/3/2024	7/1/2024	20	28
Site Preparation	Site Preparation	7/2/2024	7/6/2024	3	4
Rough Grading	Grading	7/7/2024	7/15/2024	6	8
Building Construction	Building Construction	7/16/2024	5/20/2025	220	308
Paving	Paving	5/21/2025	6/4/2025	10	14
Architectural Coating	Architectural Coating	6/5/2025	6/19/2025	10	14

CalEEMod Default Days: 381

Assumed Start Date: 10/1/2023

Assumed End Date: 3/30/2025

Total Duration (calendar days): 546

Adjustment Factor: 1.43

Adjusted Construction Schedule for CalEEMod

		Construction Schedule			
Construction Activities	Phase Type	Start Date	End Date	CalEEMod Duration (Workday)	Calendar Days
Demolition	Demolition	6/3/2024	7/13/2024	30	40
Site Preparation	Site Preparation	7/14/2024	7/20/2024	5	6
Rough Grading	Grading	7/21/2024	8/1/2024	9	11
Building Construction	Building Construction	8/2/2024	12/11/2025	355	496
Architectural Coating	Architectural Coating	11/21/2025	12/11/2025	15	20
Paving	Paving	11/21/2025	12/11/2025	15	20

Overlapping Construction Schedule

	Construction Schedule		
Construction Activities	Start Date	End Date	CalEEMod Duration (Workday)
Asphalt Demolition	6/3/2024	7/13/2024	30
Site Preparation	7/14/2024	7/20/2024	5
Grading	7/21/2024	8/1/2024	9
Building Construction	8/2/2024	11/20/2025	340
Building Construction, Architectural Coating, and Paving Overlap	11/21/2025	12/11/2025	15

CalEEMod Construction Off-Road Equipment Inputs:

* CalEEMod version 2022.1.1.14 defaults used for construction equipment

General Construction Hours: btwn 7:00 AM to 4:00 PM (with 1 hr break), Mon-Fri

Construction Equipment Details					
Equipment	# of Equipment	hr/day	hp	load factor*	total trips
Demolition					
Concrete/Industrial Saws	1	8	33	0.73	
Rubber Tired Dozers	1	8	367	0.4	
Tractors/Loaders/Backhoes	3	8	84	0.37	
Worker Trips					13
Vendor Trips					2
Vendor Trips					0
Water Truck Trips ¹					2
Hauling Trips					2
Site Preparation					
Grader	1	8	148	0.41	
Scraper	1	8	423	0.48	
Tractors/Loaders/Backhoes	1	7	84	0.37	
Worker Trips					8
Vendor Trips					8
Vendor Trips					0
Water Truck Trips ²					8
Onsite Truck					1
Hauling Trips					0
Grading					
Graders	1	8	148	0.41	
Rubber Tired Dozers	1	8	367	0.4	
Tractors/Loaders/Backhoes	2	7	84	0.37	
Worker Trips					10
Vendor Trips					6
Vendor Trips					0
Water Truck Trips ²					6
Onsite Truck					1
Hauling Trips					34
Building Construction					
Cranes	1	8	367	0.29	
Forklifts	2	7	82	0.2	
Generator Sets	1	8	14	0.74	
Tractors/Loaders/Backhoes	1	6	84	0.37	
Welders	3	8	46	0.45	
Compressor	1	8	37	0.48	
Worker Trips					57
Vendor Trips					22
Paving/Finishing					
Cement and Mortar Mixers	1	8	10	0.56	
Pavers	1	8	81	0.42	
Paving Equipment	1	8	89	0.36	
Rollers	2	8	36	0.38	
Tractors/Loaders/Backhoes	1	8	84	0.37	
Worker Trips					15
Vendor Trips					
Hauling Trips					
Architectural Coating					
Air Compressors	1	6	37	0.48	
Worker Trips					11
Vendor Trips					
Hauling Trips					0

¹ Assumed for purposes of modeling.

² Maricopa County Air Quality Department. 2005, June. Guidance for Application of Dust Control Permit. https://www.epa.gov/sites/default/files/2019-04/documents/mr_guidanceforapplicationfordustcontrolpermit.pdf

Construction Trips Worksheet

Phase Name	Worker Trip Ends Per	Vendor Trip Ends Per	Haul Truck Trip Ends	Total Haul Truck	Start Date	End Date	Workdays
	Day	Day	Per Day	Trip Ends			
Building Demolition	5	2	2	34	2/1/2022	3/15/2022	31
Asphalt Demolition	5	2	15	114	2/18/2022	3/1/2022	8
Site Preparation	3	2	0	0	3/18/2022	3/24/2022	5
Building Construction	100	39	0	0	3/19/2022	9/20/2022	132
Rough Grading	15	2	136	2,987	3/22/2022	4/20/2022	22
Utility Trenching	5	0	0	0	4/18/2022	5/16/2022	21
Fine Grading	5	2	0	0	7/2/2022	7/19/2022	12
Architectural Coating	20	0	0	0	7/20/2022	8/17/2022	21
Finishing/Landscaping	3	0	0	0	8/18/2022	10/4/2022	34

Construction Scenarios	Worker Trip Ends Per	Vendor Trip Ends Per	Haul Truck Trip Ends	Total Trip Ends	Start Date	End Date	Workdays
	Day	Day	Per Day	Per Day			
Building Demolition	5	2	2	9	2/1/2022	2/17/2022	13
Building Demolition & Asphalt Demolition	10	4	17	31	2/18/2022	3/1/2022	8
Building Demolition	5	2	2	9	3/2/2022	3/15/2022	10
Site Preparation	3	2	0	5	3/18/2022	3/18/2022	1
Site Preparation & Building Construction	103	41	0	144	3/19/2022	3/21/2022	1
Site Preparation, Building Construction, & Rough Grading	118	43	136	297	3/22/2022	3/24/2022	3
Building Construction & Rough Grading	115	41	136	292	3/25/2022	4/17/2022	16
Building Construction, Rough Grading, & Utility Trenching	120	41	136	297	4/18/2022	4/20/2022	3
Building Construction & Utility Trenching	105	39	0	144	4/21/2022	5/16/2022	18
Building Construction	100	39	0	139	5/17/2022	7/1/2022	34
Building Construction & Fine Grading	105	41	0	146	7/2/2022	7/19/2022	12
Building Construction & Architectural Coating	120	39	0	159	7/20/2022	8/17/2022	21
Building Construction & Finishing/Landscaping	103	39	0	142	8/18/2022	9/20/2022	24
Finishing/Landscaping	3	0	0	3	9/21/2022	10/4/2022	10
Maximum Daily Trips	120	43	136	297			

Pavement Volume to Weight Conversion:

Component	Total SF of Area¹	Assumed Thickness (foot)²	Debris Volume (cu. ft)	Weight of Crushed Asphalt (lbs/cf)³	AC Mass (lbs)	AC Mass (tons)
Onsite	24,029	0.250	6,007	89	533,978	266.99
Offsite	2,440	0.250	610	89	54,222	27.11
Total	26,469					294

¹ Onsite area provided by project applicant. Offsite area measured using Google Earth based on areas anticipated for improvement.

² Pavements and Surface Materials. Nonpoint Education for Municipal Officials, Technical Paper Number 8. University of Connecticut Cooperative Extension System, 1999.

³ Based on the construction debris, asphalt or concrete: loose materials category of the CalRecycle Solid Waste Cleanup Program Weights and Volumes for Project Estimates

Changes to the CalEEMod Defaults - Year 2025

Total ADTs: 756

Commercial Default	HHD	LDA	LDT1	LDT2	LHD1	LHD2	MCY	MDV	MH	MHD	OBUS	SBUS	UBUS	
FleetMix (Model Default)	0.255797	44.824302	4.310920	27.536011	2.882877	0.632978	2.350009	15.781678	0.204032	0.874278	0.230996	0.041787	0.074335	10000%
FleetMix (Model Default)	0.002558	0.448243	0.043109	0.275360	0.028829	0.006330	0.023500	0.157817	0.002040	0.008743	0.002310	0.000418	0.000743	100%
Trips	2	339	33	208	22	5	18	119	2	7	2	0	1	756
Percent		98%								2%				100%
Proportion	0.152149	0.455908	0.043846	0.280069	0.029322	0.006438	0.023902	0.160515	0.121359	0.520024	0.137397	0.024855	0.044214	
Assumed Mix	0.00%	96.30%								3.70%	27.99111111			100.00%
adjusted with Assumed	0.005635	0.439022	0.042222	0.269696	0.028236	0.006200	0.023017	0.154570	0.004495	0.019260	0.005089	0.000921	0.001638	100%
	0.005635								0.004495	0.019260	0.005089	0.000921	0.001638	4%
	0.152149								0.121359	0.520024	0.137397	0.024855	0.044214	100.00%
	0.152149								0.000000	0.520024	0.000000	0.000000	0.000000	67.22%
	0.226354								0.000000	0.773646	0.000000	0.000000	0.000000	100.00%
	0.008383								0.000000	0.028654	0.000000	0.000000	0.000000	3.70%
Trips	4	332	32	204	21	5	17	117	3	15	4	1	1	756
	0.008383	0.439022	0.042222	0.269696	0.028236	0.006200	0.023017	0.154570	0.000000	0.028654	0.000000	0.000000	0.000000	100%
Modified	0.838349161%	43.902238220%	4.222241398%	26.969577751%	2.823574589%	0.619956833%	2.301668253%	15.457039251%	0%	2.865354542%	0%	0%	0%	100.000%
Final Check Trips	6	332	32	204	21	5	17	117	0	22	0	0	0	749

Emissions Worksheet

Regional Construction Emissions

Annual Average Emissions with Best Control Measures for Fugitive Dust

No. of Construction Days:

Year	Start	End	Workdays
2024	6/3/2024	12/31/2024	152
2025	1/1/2025	12/11/2025	247
Entire	6/3/2024	12/11/2025	399

Emissions by Year (tons/year)

	ROG	NOx	CO	SO2	Exhaust PM10	Fugitive PM10	PM10 Total	Exhaust PM2.5	Fugitive PM2.5	PM2.5 Total
2024	0.1264135	1.0986194	1.2247891	0.002283	0.0424769	0.1951407	0.2376177	0.0391254	0.0490617	0.0881871
2025	0.8687101	1.6251534	1.9973196	0.003676	0.057471	0.3309787	0.3884497	0.0529441	0.0820529	0.134997
Total	0.9951	2.7238	3.2221	0.0060	0.0999	0.5261	0.6261	0.0921	0.1311	0.2232

Average Daily Emissions (lbs/day)

Annual emissions divided by total construction duration to obtain average daily emissions. Average construction emissions accounts for the duration of each construction phase and the time each piece of construction equipment is onsite.

	ROG	NOx	CO	SO2	Exhaust PM10	Fugitive PM10	PM10 Total	Exhaust PM2.5	Fugitive PM2.5	PM2.5 Total
2024	1.6633	14.4555	16.115646	0.0300397	0.5589	2.5676	3.1265482	0.5148	0.6455	1.1603566
2025	7.0341	13.1591	16.172628	0.0297655	0.4654	2.6800	3.1453419	0.4287	0.6644	1.0930935
Total	4.9881	13.6530	16.1509	0.0299	0.5010	2.6372	3.1382	0.4615	0.6572	1.1187

BAAQMD Average
Daily Threshold
Exceed Average Daily
Thresholds?

54	54	NA	NA	82	BMPs	NA	54	BMPs	NA
No	No	NA	NA	No	NA	NA	No	NA	NA

Construction Risk Assessment Emissions Worksheet

Total Construction Workdays:
2024 152 workdays
2025 247 workdays

Onsite Emissions

Year	ROG	NOx	CO	SO2	Exhaust PM10	Fugitive PM10	PM10 Total	Exhaust PM2.5	Fugitive PM2.5	PM2.5 Total
2024	0.116153968	1.01256936	1.06963821	0.001904	0.041894702	0.02962836	0.0715231	0.038543174	0.007918486	0.04646166
2025	0.849073865	1.50336726	1.71804927	0.003234	0.0565861	0	0.0565861	0.052059212	0	0.05205921

Pounds/Day

Year	ROG	NOx	CO	SO2	Exhaust PM10	Fugitive PM10	PM10 Total	Exhaust PM2.5	Fugitive PM2.5	PM2.5 Total
2024	1.52834	13.32328	14.07419	0.02505	0.55125	0.38985	0.94109	0.50715	0.10419	0.61134
2025	6.87509	12.17301	13.91133	0.02618	0.45819	0.00000	0.45819	0.42153	0.00000	0.42153

Offsite Emissions

Year	ROG	NOx	CO	SO2	Exhaust PM10	Fugitive PM10	PM10 Total	Exhaust PM2.5	Fugitive PM2.5	PM2.5 Total
2024	0.010259576	0.08605001	0.15515091	0.000379	0.000582217	0.165512387	0.1660946	0.000582217	0.041143227	0.04172544
2025	0.019636193	0.12178617	0.27927031	0.000442	0.000884927	0.330978692	0.3318636	0.000884927	0.082052907	0.08293783

Pounds/Day

Year	ROG	NOx	CO	SO2	Exhaust PM10	Fugitive PM10	PM10 Total	Exhaust PM2.5	Fugitive PM2.5	PM2.5 Total
2024	0.13499	1.13224	2.04146	0.00499	0.00766	2.17779	2.18546	0.00766	0.54136	0.54902
2025	0.15900	0.98612	2.26130	0.00358	0.00717	2.67999	2.68715	0.00717	0.66440	0.67156

Maximum Emissions per phase (tons/year)

Demolition										
		ROG	NOx	CO	SO2	Exhaust PM10	Fugitive PM10	PM10 Total	Exhaust PM2.5	PM2.5 Total
Onsite	2024									
	Off-Road Equipment	0.024168132	0.23366519	0.24044616	0.000359	0.010076729		0.0100767	0.009270591	0.00927059
	Demolition						0.003416765	0.0034168		0.0005174
	Onsite Truck	0	0	0	0	0	0	0	0	0
	Total	0.024168132	0.23366519	0.24044616	0.000359	0.010076729	0.003416765	0.0134935	0.009270591	0.00978799
Offsite										
	Worker	0.000478761	0.00049083	0.00609179	0	0	0.006979026	0.006979	0	0.00171826
	Vendor	3.12175E-05	0.00121589	0.00070696	4.83E-06	9.65625E-06	0.00066964	0.0006793	9.65625E-06	0.000171031
	Hauling	6.85197E-05	0.00487876	0.0030736	3.34E-05	3.26284E-05	0.002311651	0.0023443	3.26284E-05	0.000594227
	Total	0.000578498	0.00658549	0.00987234	3.83E-05	4.22847E-05	0.009960317	0.0100026	4.22847E-05	0.002483518
TOTAL		0.0247	0.2403	0.2503	0.0004	0.0101	0.0134	0.0235	0.0093	0.0123

Site Preparation

		ROG	NOx	CO	SO2	Exhaust PM10	Fugitive PM10	PM10 Total	Exhaust PM2.5	PM2.5 Total
Onsite	2024									
	Off-Road Equipment	0.003269134	0.03164309	0.02861587	6.27E-05	0.001378423		0.0013784	0.00126815	0.00126815
	Dust From Material Movement						0.001550982	0.001551		0.00016747
	Onsite truck	1.73201E-06	7.3683E-05	4.637E-05	3.28E-07	2.73E-07	0.005528257	0.0055285	2.73E-07	0.000551288
	Total	0.003270866	0.03171677	0.02866224	6.3E-05	0.001378696	0.007079239	0.0084579	0.001268422	0.00198718
Offsite										
	Worker	4.78761E-05	4.9083E-05	0.00060918	0	0	0.000697903	0.0006979	0	0.000171826
	Vendor	2.08116E-05	0.0008106	0.0004713	3.22E-06	6.4375E-06	0.000446426	0.0004529	6.4375E-06	0.000114021
	Hauling	0	0	0	0	0	0	0	0	0
	Total	6.86878E-05	0.00085968	0.00108048	3.22E-06	6.4375E-06	0.001144329	0.0011508	6.4375E-06	0.000285847
TOTAL		0.0033	0.0326	0.0297	0.0001	0.0014	0.0082	0.0096	0.0013	0.0023

Grading

		ROG	NOx	CO	SO2	Exhaust PM10	Fugitive PM10	PM10 Total	Exhaust PM2.5	PM2.5 Total
Onsite	2024									
	Off-Road Equipment	0.007426605	0.07148069	0.06937719	0.000102	0.003344029		0.003344	0.003076507	0.00307651
	Dust From Material Movement						0.012498447	0.0124984		0.00602079
	Onsite truck	2.87207E-06	0.00011094	6.9798E-05	4.27E-07	3.27E-07	0.006633909	0.0066342	3.27E-07	0.000661546
	Total	0.007429477	0.07159163	0.06944699	0.000102	0.003344357	0.019132356	0.0224767	0.003076834	0.006682332
Offsite										
	Worker	0.000114903	0.0001178	0.00146203	0	0	0.001674966	0.001675	0	0.000412382
	Vendor	2.80957E-05	0.0010943	0.00063626	4.35E-06	8.69062E-06	0.000602676	0.0006114	8.69062E-06	0.000153928
	Hauling	0.000283338	0.02017435	0.01270974	0.000138	0.000134923	0.009558991	0.0096939	0.000134923	0.002457209
	Total	0.000426337	0.02138645	0.01480803	0.000143	0.000143614	0.011836633	0.0119802	0.000143614	0.003023519
TOTAL		0.0079	0.0930	0.0843	0.0002	0.0035	0.0310	0.0345	0.0032	0.0129

Building Construction

		ROG	NOx	CO	SO2	Exhaust PM10	Fugitive PM10	PM10 Total	Exhaust PM2.5	PM2.5 Total
Onsite	2024									
	Off-Road Equipment	0.081285494	0.67559576	0.73108281	0.00138	0.027094919		0.0270949	0.024927326	0.02492733
	Onsite Truck	0	0	0	0	0	0	0	0	0
	Total	0.081285494	0.67559576	0.73108281	0.00138	0.027094919	0	0.0270949	0.024927326	0.02492733
Offsite										
	Worker	0.007925616	0.00812543	0.10084597	0	0	0.115533722	0.1155337	0	0.028444791
	Vendor	0.001260437	0.04909295	0.02854409	0.000195	0.000389881	0.027037386	0.0274273	0.000389881	0.00729543
	Hauling	0	0	0	0	0	0	0	0	0
	Total	0.009186053	0.05721839	0.12939006	0.000195	0.000389881	0.142571109	0.142961	0.000389881	0.035350343
TOTAL		0.0905	0.7328	0.8605	0.0016	0.0275	0.1426	0.1701	0.0253	0.0607
Onsite	2025									
	Off-Road Equipment	0.173627392	1.45076879	1.64790119	0.003132	0.054332749		0.0543327	0.049986129	0.04998613
	Onsite Truck	0	0	0	0	0	0	0	0	0
	Total	0.173627392	1.45076879	1.64790119	0.003132	0.054332749	0	0.0543327	0.049986129	0.04998613
Offsite										
	Worker	0.01674651	0.01614077	0.21045122	0	0	0.262231146	0.2622311	0	0.064562191
	Vendor	0.002418397	0.10519117	0.0628965	0.000442	0.000884927	0.061367752	0.0622527	0.000884927	0.015673786
	Hauling	0	0	0	0	0	0	0	0	0
	Total	0.019164907	0.12133193	0.27334772	0.000442	0.000884927	0.323598898	0.3244838	0.000884927	0.080235976
TOTAL		0.1928	1.5721	1.9212	0.0036	0.0552	0.3236	0.3788	0.0509	0.1311

Asphalt Paving												
			ROG	NOx	CO	SO2	Exhaust PM10	Fugitive PM10	PM10 Total	Exhaust PM2.5	Fugitive PM2.5	PM2.5 Total
Onsite	Off-Road Equipment Paving	2025	0.0052	0.04598137	0.06159926	8.86E-05	0.002047652		0.0020477	0.00188384		0.00188384
			0.001514324									
			0	0	0	0	0	0	0	0	0	0
		Total	0.006754371	0.04598137	0.06159926	8.86E-05	0.002047652	0	0.0020477	0.00188384	0	0.00188384
Offsite	Worker Vendor Hauling		0.000267415	0.00025774	0.00336057	0	0	0.004187416	0.0041874	0	0.001030956	0.00103096
			0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0
		Total	0.000267415	0.00025774	0.00336057	0	0	0.004187416	0.0041874	0	0.001030956	0.00103096
TOTAL			0.0070	0.0462	0.0650	0.0001	0.0020	0.0042	0.0062	0.0019	0.0010	0.0029
Architectural Coating												
			ROG	NOx	CO	SO2	Exhaust PM10	Fugitive PM10	PM10 Total	Exhaust PM2.5	Fugitive PM2.5	PM2.5 Total
Onsite	Off-Road Equipment Architectural Coatings	2025	0.0009597	0.0066171	0.00854882	1.29E-05	0.000205699		0.0002057	0.000189243		0.00018924
			0.667732402									
			0	0	0	0	0	0	0	0	0	0
		Total	0.668692102	0.0066171	0.00854882	1.29E-05	0.000205699	0	0.0002057	0.000189243	0	0.00018924
Offsite	Worker Vendor Hauling		0.000203871	0.0001965	0.00256201	0	0	0.003192379	0.0031924	0	0.000785974	0.00078597
			0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0
		Total	0.000203871	0.0001965	0.00256201	0	0	0.003192379	0.0031924	0	0.000785974	0.00078597
TOTAL			0.6689	0.0068	0.0111	0.0000	0.0002	0.0032	0.0034	0.0002	0.0008	0.0010

Construction Risk Assessment Emissions Worksheet: Mitigated

Total Construction Workdays:
 2024 152 workdays
 2025 247 workdays

Onsite Emissions

Tons/Year	Year	ROG	NOx	CO	SO2	Exhaust PM10	Fugitive PM10	PM10 Total	Exhaust PM2.5	Fugitive PM2.5	PM2.5 Total
	2024	0.055958172	0.72893619	1.13864359	0.001904	0.010765789	0.019415166	0.030181	0.010122324	0.006900714	0.01702304
	2025	0.776916077	1.29350953	1.92501149	0.003234	0.020379056	0	0.0203791	0.019068192	0	0.01906819

Pounds/Day

Year	ROG	NOx	CO	SO2	Exhaust PM10	Fugitive PM10	PM10 Total	Exhaust PM2.5	Fugitive PM2.5	PM2.5 Total
2024	0.73629	9.59127	14.98215	0.02505	0.14166	0.25546	0.39712	0.13319	0.09080	0.22399
2025	6.29082	10.47376	15.58714	0.02618	0.16501	0.00000	0.16501	0.15440	0.00000	0.15440

Offsite Emissions

Tons/Year	Year	ROG	NOx	CO	SO2	Exhaust PM10	Fugitive PM10	PM10 Total	Exhaust PM2.5	Fugitive PM2.5	PM2.5 Total
	2024	0.010259576	0.08605001	0.15515091	0.000379	0.000582217	0.165512387	0.1660946	0.000582217	0.041143227	0.04172544
	2025	0.019636193	0.12178617	0.27927031	0.000442	0.000884927	0.330978692	0.3318636	0.000884927	0.082052907	0.08293783

Pounds/Day

Year	ROG	NOx	CO	SO2	Exhaust PM10	Fugitive PM10	PM10 Total	Exhaust PM2.5	Fugitive PM2.5	PM2.5 Total
2024	0.13499	1.13224	2.04146	0.00499	0.00766	2.17779	2.18546	0.00766	0.54136	0.54902
2025	0.15900	0.98612	2.26130	0.00358	0.00717	2.67999	2.68715	0.00717	0.66440	0.67156

Maximum Emissions per phase (tons/year)

Demolition											
		ROG	NOx	CO	SO2	Exhaust PM10	Fugitive PM10	PM10 Total	Exhaust PM2.5	Fugitive PM2.5	PM2.5 Total
Onsite		2024									
	Off-Road Equipment	0.004877145	0.12065957	0.21837325	0.000359	0.000698768		0.0006988	0.000698768		0.00069877
	Demolition						0.003416765	0.0034168		0.000517396	0.0005174
	Onsite Truck	0	0	0	0	0	0	0	0	0	0
	Total	0.004877145	0.12065957	0.21837325	0.000359	0.000698768	0.003416765	0.0041155	0.000698768	0.000517396	0.00121616
Offsite											
	Worker	0.000478761	0.00049083	0.00609179	0	0	0.006979026	0.006979	0	0.00171826	0.00171826
	Vendor	3.12175E-05	0.00121589	0.00070696	4.83E-06	9.65625E-06	0.00066964	0.0006793	9.65625E-06	0.000171031	0.00018069
	Hauling	6.85197E-05	0.00487876	0.0030736	3.34E-05	3.26284E-05	0.002311651	0.0023443	3.26284E-05	0.000594227	0.00062686
	Total	0.000578498	0.00658549	0.00987234	3.83E-05	4.22847E-05	0.009960317	0.0100026	4.22847E-05	0.002483518	0.0025258
TOTAL		0.0055	0.1272	0.2282	0.0004	0.0007	0.0134	0.0141	0.0007	0.0030	0.0037

Site Preparation

		ROG	NOx	CO	SO2	Exhaust PM10	Fugitive PM10	PM10 Total	Exhaust PM2.5	Fugitive PM2.5	PM2.5 Total
Onsite		2024									
	Off-Road Equipment	0.000847122	0.01987921	0.03761269	6.27E-05	0.000128272		0.0001283	0.000128272		0.00012827
	Dust From Material Movement						0.001550982	0.001551		0.00016747	0.00016747
	Onsite truck	1.73201E-06	7.3683E-05	4.637E-05	3.28E-07	2.73E-07	0.000885896	0.0008862	2.73E-07	8.86644E-05	8.8937E-05
	Total	0.000848854	0.01995289	0.03765906	6.3E-05	0.000128544	0.002436878	0.0025654	0.000128544	0.000256134	0.00038468
Offsite											
	Worker	4.78761E-05	4.9083E-05	0.00060918	0	0	0.000697903	0.0006979	0	0.000171826	0.00017183
	Vendor	2.08116E-05	0.0008106	0.0004713	3.22E-06	6.4375E-06	0.000446426	0.0004529	6.4375E-06	0.000114021	0.00012046
	Hauling	0	0	0	0	0	0	0	0	0	0
	Total	6.86878E-05	0.00085968	0.00108048	3.22E-06	6.4375E-06	0.001144329	0.0011508	6.4375E-06	0.000285847	0.00029228
TOTAL		0.0009	0.0208	0.0387	0.0001	0.0001	0.0036	0.0037	0.0001	0.0005	0.0007

Grading

		ROG	NOx	CO	SO2	Exhaust PM10	Fugitive PM10	PM10 Total	Exhaust PM2.5	Fugitive PM2.5	PM2.5 Total
Onsite		2024									
	Off-Road Equipment	0.001429675	0.03466507	0.06408354	0.000102	0.000207837		0.0002078	0.000207837		0.00020784
	Dust From Material Movement						0.012498447	0.0124984		0.006020787	0.00602079
	Onsite truck	2.87207E-06	0.00011094	6.9798E-05	4.27E-07	3.27E-07	0.001063075	0.0010634	3.27E-07	0.000106397	0.00010672
	Total	0.001432547	0.03477601	0.06415334	0.000102	0.000208164	0.013561522	0.0137697	0.000208164	0.006127184	0.00633535
Offsite											
	Worker	0.000114903	0.00011178	0.00146203	0	0	0.001674966	0.001675	0	0.000412382	0.00041238
	Vendor	2.80957E-05	0.0010943	0.00063626	4.35E-06	8.69062E-06	0.000602676	0.0006114	8.69062E-06	0.000153928	0.00016262
	Hauling	0.000283338	0.02017435	0.01270974	0.000138	0.000134923	0.009558991	0.0096939	0.000134923	0.002457209	0.00259213
	Total	0.000426337	0.02138645	0.01480803	0.000143	0.000143614	0.011836633	0.0119802	0.000143614	0.003023519	0.00316713
TOTAL		0.0019	0.0562	0.0790	0.0002	0.0004	0.0254	0.0257	0.0004	0.0092	0.0095

Building Construction

		ROG	NOx	CO	SO2	Exhaust PM10	Fugitive PM10	PM10 Total	Exhaust PM2.5	Fugitive PM2.5	PM2.5 Total
Onsite		2024									
	Off-Road Equipment	0.048799626	0.55354773	0.81845795	0.00138	0.009730312		0.0097303	0.009086847		0.00908685
	Onsite Truck	0	0	0	0	0	0	0	0	0	0
	Total	0.048799626	0.55354773	0.81845795	0.00138	0.009730312	0	0.0097303	0.009086847	0	0.00908685
Offsite											
	Worker	0.007925616	0.00812543	0.10084597	0	0	0.115533722	0.1155337	0	0.028444791	0.02844479
	Vendor	0.001260437	0.04909295	0.02854409	0.000195	0.000389881	0.027037386	0.0274273	0.000389881	0.006905552	0.00729543
	Hauling	0	0	0	0	0	0	0	0	0	0
	Total	0.009186053	0.05721839	0.12939006	0.000195	0.000389881	0.142571109	0.142961	0.000389881	0.035350343	0.03574022
TOTAL		0.0580	0.6108	0.9478	0.0016	0.0101	0.1426	0.1527	0.0095	0.0354	0.0448
Onsite		2025									
	Off-Road Equipment	0.105747343	1.24146016	1.85299484	0.003132	0.019641221		0.0196412	0.018376248		0.01837625
	Onsite Truck	0	0	0	0	0	0	0	0	0	0
	Total	0.105747343	1.24146016	1.85299484	0.003132	0.019641221	0	0.0196412	0.018376248	0	0.01837625
Offsite											
	Worker	0.01674651	0.01614077	0.21045122	0	0	0.262231146	0.2622311	0	0.064562191	0.06456219
	Vendor	0.002418397	0.10519117	0.0628965	0.000442	0.000884927	0.061367752	0.0622527	0.000884927	0.015673786	0.01655871
	Hauling	0	0	0	0	0	0	0	0	0	0
	Total	0.019164907	0.12133193	0.27334772	0.000442	0.000884927	0.323598898	0.3244838	0.000884927	0.080235976	0.0811209
TOTAL		0.1249	1.3628	2.1263	0.0036	0.0205	0.3236	0.3441	0.0193	0.0802	0.0995

Asphalt Paving												
			ROG	NOx	CO	SO2	Exhaust PM10	Fugitive PM10	PM10 Total	Exhaust PM2.5	Fugitive PM2.5	PM2.5 Total
Onsite		2025										
	Off-Road Equipment		0.001763434	0.04720405	0.06479272	8.86E-05	0.000720216		0.0007202	0.000674325		0.00067433
	Paving		0.001514324									
	Onsite Truck		0	0	0	0	0	0	0	0	0	0
	Total		0.003277758	0.04720405	0.06479272	8.86E-05	0.000720216	0	0.0007202	0.000674325	0	0.00067433
Offsite												
	Worker		0.000267415	0.00025774	0.00336057	0	0	0.004187416	0.0041874	0	0.001030956	0.00103096
	Vendor		0	0	0	0	0	0	0	0	0	0
	Hauling		0	0	0	0	0	0	0	0	0	0
	Total		0.000267415	0.00025774	0.00336057	0	0	0.004187416	0.0041874	0	0.001030956	0.00103096
TOTAL			0.0035	0.0475	0.0682	0.0001	0.0007	0.0042	0.0049	0.0007	0.0010	0.0017
Architectural Coating												
			ROG	NOx	CO	SO2	Exhaust PM10	Fugitive PM10	PM10 Total	Exhaust PM2.5	Fugitive PM2.5	PM2.5 Total
Onsite		2025										
	Off-Road Equipment		0.000158574	0.00484532	0.00722393	1.29E-05	1.76193E-05		1.762E-05	1.76193E-05		1.7619E-05
	Architectural Coatings		0.667732402									
	Onsite truck		0	0	0	0	0	0	0	0	0	0
	Total		0.667890976	0.00484532	0.00722393	1.29E-05	1.76193E-05	0	1.762E-05	1.76193E-05	0	1.7619E-05
Offsite												
	Worker		0.000203871	0.0001965	0.00256201	0	0	0.003192379	0.0031924	0	0.000785974	0.00078597
	Vendor		0	0	0	0	0	0	0	0	0	0
	Hauling		0	0	0	0	0	0	0	0	0	0
	Total		0.000203871	0.0001965	0.00256201	0	0	0.003192379	0.0031924	0	0.000785974	0.00078597
TOTAL			0.6681	0.0050	0.0098	0.0000	0.0000	0.0032	0.0032	0.0000	0.0008	0.0008

Construction Risk Assessment Emissions Worksheet: Mitigated for Cumulative

Total Construction Workdays:

2023	152	days
2024	247	days
2025	#REF!	days

Onsite Emissions

Tons/Year	Year	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	2023	1.49E-02	2.98E-01	4.97E-01	8.00E-04	2.25E-02	2.53E-03	2.51E-02	7.72E-03	2.53E-03	1.03E-02
	2024	0.0697	1.6321	2.3385	0.0038	0	0.0225	0.0225	0	0.0225	0.0225
	2025	7.38E-01	5.22E-01	7.65E-01	1.21E-03	0.00E+00	6.62E-03	6.62E-03	0.00E+00	6.62E-03	6.62E-03

Pounds/Day

Year	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
2023	0.19632	3.91579	6.53684	0.01053	0.29645	0.03329	0.33013	0.10158	0.03329	0.13487
2024	0.56437	13.21538	18.93522	0.03077	0.00000	0.18219	0.18219	0.00000	0.18219	0.18219
2025	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!

Offsite Emissions

Tons/Year	Year	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	2023	2.94E-03	4.32E-02	3.37E-02	2.40E-04	1.21E-02	2.90E-04	1.23E-02	3.31E-03	2.90E-04	3.58E-03
	2024	0.024	0.1895	0.243	0.00139	0.0946	0.00128	0.0958	0.0259	0.00121	0.0271
	2025	6.84E-03	5.22E-02	6.87E-02	3.90E-04	2.80E-02	3.50E-04	2.83E-02	7.65E-03	3.40E-04	7.99E-03

Pounds/Day

Year	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
2023	0.03868	0.56816	0.44395	0.00316	0.15855	0.00382	0.16211	0.04355	0.00382	0.04711
2024	0.19433	1.53441	1.96761	0.01126	0.76599	0.01036	0.77571	0.20972	0.00980	0.21943
2025	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!

Maximum Emissions per phase (tons/year)

Demolition												
			ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Onsite		2023										
	Fugitive Dust						0.0080	0.0000	0.0080	0.0012	0.0000	0.0012
	Off-Road		6.71E-03	0.1239	0.2235	3.50E-04		5.40E-04	5.40E-04		5.40E-04	5.40E-04
	Total		6.71E-03	0.1239	0.2235	3.50E-04	7.96E-03	5.40E-04	8.50E-03	1.21E-03	5.40E-04	1.75E-03
Offsite												
	Hauling		2.30E-04	0.0156	5.11E-03	6.00E-05	1.56E-03	1.00E-04	1.66E-03	4.30E-04	1.00E-04	5.30E-04
	Vendor		3.00E-05	1.37E-03	4.90E-04	1.00E-05	1.80E-04	1.00E-05	1.80E-04	5.00E-05	1.00E-05	6.00E-05
	Worker		4.10E-04	2.70E-04	3.65E-03	1.00E-05	1.37E-03	1.00E-05	1.38E-03	3.70E-04	1.00E-05	3.70E-04
	Total		6.70E-04	0.0173	9.25E-03	8.00E-05	3.11E-03	1.20E-04	3.22E-03	8.50E-04	1.20E-04	9.60E-04
TOTAL			0.0074	0.1412	0.2328	0.0004	0.0111	0.0007	0.0117	0.0021	0.0007	0.0027

Site Preparation

		Year	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Onsite		2023										
	Fugitive Dust						0.0015	0.0000	0.0015	0.0002	0.0000	0.0002
	Off-Road		1.04E-03	1.73E-02	0.0341	6.00E-05		1.00E-04	1.00E-04		1.00E-04	1.00E-04
	Total		1.04E-03	1.73E-02	0.0341	6.00E-05	1.47E-03	1.00E-04	1.57E-03	1.60E-04	1.00E-04	2.60E-04
Offsite												
	Hauling		0	0	0	0	0	0	0	0	0	0
	Vendor		3.00E-05	1.18E-03	4.20E-04	1.00E-05	1.50E-04	1.00E-05	1.60E-04	4.00E-05	1.00E-05	5.00E-05
	Worker		4.00E-05	3.00E-05	3.90E-04	0.00E+00	1.50E-04	0.00E+00	1.50E-04	4.00E-05	0.00E+00	4.00E-05
	Total		7.00E-05	1.21E-03	8.10E-04	1.00E-05	3.00E-04	1.00E-05	3.10E-04	8.00E-05	1.00E-05	9.00E-05
TOTAL			0.0011	0.0185	0.0349	0.0001	0.0018	0.0001	0.0019	0.0002	0.0001	0.0004

Grading

		Year	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Onsite		2023										
	Fugitive Dust						0.0131	0.0000	0.0131	0.0064	0.0000	0.0064
	Off-Road		1.85E-03	3.18E-02	0.0607	1.00E-04		1.70E-04	1.70E-04		1.70E-04	1.70E-04
	Total		1.85E-03	3.18E-02	0.0607	1.00E-04	0.0131	1.70E-04	0.0133	6.35E-03	1.70E-04	6.52E-03
Offsite												
	Hauling		1.10E-04	7.55E-03	2.47E-03	3.00E-05	7.50E-04	5.00E-05	8.00E-04	2.10E-04	5.00E-05	2.60E-04
	Vendor		5.00E-05	2.35E-03	8.40E-04	1.00E-05	3.10E-04	1.00E-05	3.20E-04	9.00E-05	1.00E-05	1.00E-04
	Worker		1.10E-04	7.00E-05	9.70E-04	0.00E+00	3.60E-04	0.00E+00	3.60E-04	1.00E-04	0.00E+00	1.00E-04
	Total		2.70E-04	9.97E-03	4.28E-03	4.00E-05	1.42E-03	6.00E-05	1.48E-03	4.00E-04	6.00E-05	4.60E-04
TOTAL			0.0021	0.0418	0.0650	0.0001	0.0145	0.0002	0.0148	0.0068	0.0002	0.0070

Building Construction

		Year	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Onsite		2023										
	Off-Road		5.32E-03	0.1246	0.1785	2.90E-04		1.72E-03	1.72E-03		1.72E-03	1.72E-03
	Total		5.32E-03	0.1246	0.1785	2.90E-04		1.72E-03	1.72E-03		1.72E-03	1.72E-03
Offsite												
	Hauling		0	0	0	0	0	0	0	0	0	0
	Vendor		3.10E-04	0.0137	4.90E-03	6.00E-05	1.77E-03	7.00E-05	1.84E-03	5.20E-04	7.00E-05	5.90E-04
	Worker		1.62E-03	1.06E-03	0.0145	5.00E-05	5.45E-03	3.00E-05	5.47E-03	1.46E-03	3.00E-05	1.48E-03
	Total		1.93E-03	0.0147	0.0194	1.10E-04	7.22E-03	1.00E-04	7.31E-03	1.98E-03	1.00E-04	2.07E-03
TOTAL			0.0073	0.1393	0.1979	0.0004	0.0072	0.0018	0.0090	0.0020	0.0018	0.0038
Onsite		2024										
	Off-Road		0.0697	1.6321	2.3385	3.80E-03		2.25E-02	2.25E-02		2.25E-02	2.25E-02
	Total		0.0697	1.6321	2.3385	3.80E-03		2.25E-02	2.25E-02		2.25E-02	2.25E-02
Offsite												
	Hauling		0	0	0	0	0	0	0	0	0	0
	Vendor		3.91E-03	0.1771	0.0639	7.80E-04	0.0232	9.20E-04	0.0242	6.79E-03	8.80E-04	7.67E-03
	Worker		0.0201	0.0124	0.1791	6.10E-04	0.0713	3.60E-04	0.0717	0.0191	3.30E-04	0.0194
	Total		0.024	0.1895	0.243	1.39E-03	0.0946	1.28E-03	0.0958	0.0259	1.21E-03	0.0271
TOTAL			0.0937	1.8216	2.5815	0.0052	0.0946	0.0238	0.1183	0.0259	0.0237	0.0496
Onsite		2025										
	Off-Road		0.0194	0.4547	0.6516	1.06E-03		6.27E-03	6.27E-03		6.27E-03	6.27E-03

Offsite	Total	0.0194	0.4547	0.6516	1.06E-03		6.27E-03	6.27E-03		6.27E-03	6.27E-03
	Hauling	0	0	0	0	0	0	0	0	0	0
	Vendor	1.06E-03	0.0488	0.0178	2.10E-04	6.47E-03	2.60E-04	6.73E-03	1.89E-03	2.50E-04	2.14E-03
	Worker	5.34E-03	3.13E-03	0.047	1.60E-04	0.0199	9.00E-05	0.02	5.32E-03	9.00E-05	5.41E-03
	Total	6.40E-03	0.0519	0.0648	3.70E-04	0.0264	3.50E-04	0.0267	7.21E-03	3.40E-04	7.55E-03
TOTAL		0.0258	0.5066	0.7164	0.0014	0.0264	0.0066	0.0330	0.0072	0.0066	0.0138

Asphalt Paving

		2025	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Onsite	Off-Road		0.0027	0.0592	0.0996	0.0001		0.0003	0.0003		0.0003	0.0003
	Paving		1.24E-03					0	0		0	0
	Total		3.90E-03	5.92E-02	0.0996	1.30E-04		3.20E-04	3.20E-04		3.20E-04	3.20E-04
Offsite	Hauling		0	0	0	0	0	0	0	0	0	0
	Vendor		0	0	0	0.00E+00	0	0.00E+00	0	0.00E+00	0.00E+00	0
	Worker		2.20E-04	1.30E-04	1.93E-03	1.00E-05	8.20E-04	0.00E+00	8.20E-04	2.20E-04	0.00E+00	2.20E-04
	Total		2.20E-04	1.30E-04	1.93E-03	1.00E-05	8.20E-04	0.00E+00	8.20E-04	2.20E-04	0.00E+00	2.20E-04
TOTAL			0.0041	0.0593	0.1015	0.0001	0.0008	0.0003	0.0011	0.0002	0.0003	0.0005

Architectural Coating

		2025	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Onsite	Architectural Coating		0.7146					0.0000	0.0000		0.0000	0.0000
	Off-Road		4.10E-04	7.95E-03	0.0137	2.00E-05		3.00E-05	3.00E-05		3.00E-05	3.00E-05
	Total		0.715	7.95E-03	0.0137	2.00E-05		3.00E-05	3.00E-05		3.00E-05	3.00E-05
Offsite	Hauling		0	0	0	0	0	0	0	0	0	0
	Vendor		0	0	0	0.00E+00	0	0.00E+00	0	0.00E+00	0.00E+00	0
	Worker		2.20E-04	1.30E-04	1.93E-03	1.00E-05	8.20E-04	0.00E+00	8.20E-04	2.20E-04	0.00E+00	2.20E-04
	Total		2.20E-04	1.30E-04	1.93E-03	1.00E-05	8.20E-04	0.00E+00	8.20E-04	2.20E-04	0.00E+00	2.20E-04
TOTAL			0.7152	0.0081	0.0156	0.0000	0.0008	0.0000	0.0009	0.0002	0.0000	0.0003

Regional Operational Emissions Worksheet

Proposed

Annual (tons/yr)

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Mobile	0.3889181	0.46558986	3.59400367	0.010918	0.006881384	1.011425566	1.01830695	0.006430662	0.256496397	0.262927059
Area	0.65314665	0.00448719	0.53280728	3.18E-05	0.000715523		0.00071552	0.000947022		0.000947022
Energy	0.01032193	0.1876714	0.15764398	0.001126	0.014263026		0.01426303	0.014263026		0.014263026
Total	1.052387	0.657748	4.284455	0.012076	0.021860	1.011426	1.033285	0.021641	0.256496	0.278137
BAAQMD Threshold	10	10					15			10
Exceeds Threshold?	No	No					No			No

Average Daily (pounds/day)

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Mobile	2.131058	2.551177	19.693171	0.059827	0.037706	5.542058	5.579764	0.035237	1.405460	1.440696
Area	3.578886	0.024587	2.919492	0.000174	0.003921		0.003921	0.005189		0.005189
Energy	0.056559	1.028336	0.863803	0.006170	0.078154		0.078154	0.078154		0.078154
Total	5.766502	3.604101	23.476465	0.066171	0.119780	5.542058	5.661838	0.118579	1.405460	1.524039
BAAQMD Threshold	54	54					82			54
Exceeds Threshold?	No	No					No			No

GHG Emissions Worksheet

Construction

	Mtons Total
2024	240.79
2025	398.76
Total Construction	640
30-Year Amortization¹	21

¹ Total construction emissions are amortized over 30 years per BAAQMD methodology; International Energy Agency, 2008. Energy Efficiency Requirements in Building Codes, Energy Efficiency Policies for New Buildings. https://iea.blob.core.windows.net/assets/3783f5e8-b14c-4c18-b04c-aab7c59d6e92/Building_Codes.pdf, accessed October.

Operation

Source	Buildout Mtons/Year	Percent of Project Total
Mobile	1,028	76%
Area	2	0%
Energy	245	18%
Water	17	1%
Waste	22	2%
Refrig.	33	2%
Total All Sectors	1,347	100%

CalEEMod Model

COSC-07.2 Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	COSC-07.2
Construction Start Date	6/3/2024
Operational Year	2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	4.70
Precipitation (days)	3.20
Location	37.51186213123031, -122.25667579683123
County	San Mateo
City	San Carlos
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1205
EDFZ	1
Electric Utility	Peninsula Clean Energy
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.14

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
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Hotel	188	Room	0.51	127,205	0.00	—	—	—
Parking Lot	13.8	1000sqft	0.32	0.32	0.00	—	—	—
Enclosed Parking with Elevator	8.93	1000sqft	0.21	8,933	0.00	—	—	—
Other Asphalt Surfaces	27.6	1000sqft	0.63	0.00	0.00	—	—	—
Other Non-Asphalt Surfaces	9.67	1000sqft	0.22	0.00	0.00	—	—	—
City Park	0.28	Acre	0.28	0.00	12,387	12,387	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

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.	2.52	1.75	20.5	18.8	0.05	0.78	6.89	7.66	0.72	2.16	2.87	—	5,441	5,441	0.54	0.49	6.09	5,607
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.99	91.7	19.9	25.8	0.04	0.75	3.62	4.37	0.69	0.90	1.58	—	5,030	5,030	0.22	0.14	0.10	5,077
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.35	4.76	8.90	10.9	0.02	0.31	1.81	2.13	0.29	0.45	0.74	—	2,381	2,381	0.11	0.08	0.92	2,409

Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.25	0.87	1.63	2.00	< 0.005	0.06	0.33	0.39	0.05	0.08	0.13	—	394	394	0.02	0.01	0.15	399

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	2.52	1.75	20.5	18.8	0.05	0.78	6.89	7.66	0.72	2.16	2.87	—	5,441	5,441	0.54	0.49	6.09	5,607
2025	1.93	1.57	12.7	15.8	0.03	0.45	2.63	3.08	0.41	0.65	1.07	—	3,456	3,456	0.16	0.10	3.10	3,493
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	2.05	1.67	13.5	15.9	0.03	0.51	2.63	3.14	0.47	0.65	1.12	—	3,448	3,448	0.17	0.12	0.09	3,489
2025	2.99	91.7	19.9	25.8	0.04	0.75	3.62	4.37	0.69	0.90	1.58	—	5,030	5,030	0.22	0.14	0.10	5,077
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.86	0.69	6.02	6.71	0.01	0.23	1.07	1.30	0.21	0.27	0.48	—	1,436	1,436	0.08	0.05	0.53	1,454
2025	1.35	4.76	8.90	10.9	0.02	0.31	1.81	2.13	0.29	0.45	0.74	—	2,381	2,381	0.11	0.08	0.92	2,409
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.16	0.13	1.10	1.22	< 0.005	0.04	0.20	0.24	0.04	0.05	0.09	—	238	238	0.01	0.01	0.09	241
2025	0.25	0.87	1.63	2.00	< 0.005	0.06	0.33	0.39	0.05	0.08	0.13	—	394	394	0.02	0.01	0.15	399

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
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Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.40	7.05	4.20	34.8	0.09	0.14	7.41	7.54	0.14	1.88	2.01	57.2	10,016	10,073	6.28	0.41	228	10,580
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.35	6.06	4.60	28.2	0.09	0.13	7.41	7.54	0.13	1.88	2.00	57.2	9,643	9,700	6.31	0.44	200	10,188
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.00	5.77	3.60	23.5	0.07	0.12	5.54	5.66	0.12	1.41	1.52	57.2	7,614	7,671	6.22	0.34	208	8,135
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.55	1.05	0.66	4.28	0.01	0.02	1.01	1.03	0.02	0.26	0.28	9.47	1,261	1,270	1.03	0.06	34.5	1,347

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	3.24	2.92	3.12	28.0	0.08	0.05	7.41	7.46	0.05	1.88	1.93	—	8,504	8,504	0.32	0.35	28.7	8,645
Area	1.05	4.07	0.05	5.92	< 0.005	0.01	—	0.01	0.01	—	0.01	—	24.3	24.3	< 0.005	< 0.005	—	24.4
Energy	0.11	0.06	1.03	0.86	0.01	0.08	—	0.08	0.08	—	0.08	—	1,470	1,470	0.19	0.01	—	1,478
Water	—	—	—	—	—	—	—	—	—	—	—	19.7	18.4	38.2	2.03	0.05	—	103
Waste	—	—	—	—	—	—	—	—	—	—	—	37.5	0.00	37.5	3.75	0.00	—	131
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	199	199
Total	4.40	7.05	4.20	34.8	0.09	0.14	7.41	7.54	0.14	1.88	2.01	57.2	10,016	10,073	6.28	0.41	228	10,580

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.23	2.91	3.58	27.3	0.08	0.05	7.41	7.46	0.05	1.88	1.93	—	8,155	8,155	0.35	0.38	0.74	8,276
Area	—	3.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.11	0.06	1.03	0.86	0.01	0.08	—	0.08	0.08	—	0.08	—	1,470	1,470	0.19	0.01	—	1,478
Water	—	—	—	—	—	—	—	—	—	—	—	19.7	18.4	38.2	2.03	0.05	—	103
Waste	—	—	—	—	—	—	—	—	—	—	—	37.5	0.00	37.5	3.75	0.00	—	131
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	199	199
Total	3.35	6.06	4.60	28.2	0.09	0.13	7.41	7.54	0.13	1.88	2.00	57.2	9,643	9,700	6.31	0.44	200	10,188
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.37	2.13	2.55	19.7	0.06	0.04	5.54	5.58	0.04	1.41	1.44	—	6,114	6,114	0.25	0.27	9.27	6,211
Area	0.52	3.58	0.02	2.92	< 0.005	< 0.005	—	< 0.005	0.01	—	0.01	—	12.0	12.0	< 0.005	< 0.005	—	12.1
Energy	0.11	0.06	1.03	0.86	0.01	0.08	—	0.08	0.08	—	0.08	—	1,470	1,470	0.19	0.01	—	1,478
Water	—	—	—	—	—	—	—	—	—	—	—	19.7	18.4	38.2	2.03	0.05	—	103
Waste	—	—	—	—	—	—	—	—	—	—	—	37.5	0.00	37.5	3.75	0.00	—	131
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	199	199
Total	3.00	5.77	3.60	23.5	0.07	0.12	5.54	5.66	0.12	1.41	1.52	57.2	7,614	7,671	6.22	0.34	208	8,135
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.43	0.39	0.47	3.59	0.01	0.01	1.01	1.02	0.01	0.26	0.26	—	1,012	1,012	0.04	0.05	1.54	1,028
Area	0.09	0.65	< 0.005	0.53	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.99	1.99	< 0.005	< 0.005	—	2.00
Energy	0.02	0.01	0.19	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	243	243	0.03	< 0.005	—	245
Water	—	—	—	—	—	—	—	—	—	—	—	3.27	3.05	6.32	0.34	0.01	—	17.1
Waste	—	—	—	—	—	—	—	—	—	—	—	6.21	0.00	6.21	0.62	0.00	—	21.7
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.9	32.9
Total	0.55	1.05	0.66	4.28	0.01	0.02	1.01	1.03	0.02	0.26	0.28	9.47	1,261	1,270	1.03	0.06	34.5	1,347

3. Construction Emissions Details

3.1. Demolition (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.92	1.61	15.6	16.0	0.02	0.67	—	0.67	0.62	—	0.62	—	2,494	2,494	0.10	0.02	—	2,502
Demolition	—	—	—	—	—	—	0.23	0.23	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.13	1.28	1.32	< 0.005	0.06	—	0.06	0.05	—	0.05	—	205	205	0.01	< 0.005	—	206
Demolition	—	—	—	—	—	—	0.02	0.02	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.02	0.23	0.24	< 0.005	0.01	—	0.01	0.01	—	0.01	—	33.9	33.9	< 0.005	< 0.005	—	34.0
Demolition	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—

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	0.04	0.03	0.03	0.46	0.00	0.00	0.47	0.47	0.00	0.11	0.11	—	115	115	< 0.005	< 0.005	0.42	117
Vendor	0.01	< 0.005	0.08	0.05	< 0.005	< 0.005	0.04	0.05	< 0.005	0.01	0.01	—	51.2	51.2	0.01	0.01	0.13	53.7
Hauling	0.04	< 0.005	0.31	0.21	< 0.005	< 0.005	0.15	0.16	< 0.005	0.04	0.04	—	198	198	0.03	0.03	0.39	209
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	8.97	8.97	< 0.005	< 0.005	0.01	9.09
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.21	4.21	< 0.005	< 0.005	< 0.005	4.41
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	16.3	16.3	< 0.005	< 0.005	0.01	17.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	1.48	1.48	< 0.005	< 0.005	< 0.005	1.51
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.70	0.70	< 0.005	< 0.005	< 0.005	0.73
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.70	2.70	< 0.005	< 0.005	< 0.005	2.84

3.3. Site Preparation (2024) - Unmitigated

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

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

Off-Road Equipment	1.56	1.31	12.7	11.4	0.03	0.55	—	0.55	0.51	—	0.51	—	2,716	2,716	0.11	0.02	—	2,725
Dust From Material Movement	—	—	—	—	—	—	0.62	0.62	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	2.21	2.21	< 0.005	0.22	0.22	—	11.4	11.4	< 0.005	< 0.005	0.02	12.0
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.17	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	37.2	37.2	< 0.005	< 0.005	—	37.3
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	0.03	0.03	< 0.005	< 0.005	< 0.005	—	0.16	0.16	< 0.005	< 0.005	< 0.005	0.16
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.16	6.16	< 0.005	< 0.005	—	6.18
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.03	0.03	< 0.005	< 0.005	< 0.005	0.03
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.27	0.00	0.00	0.28	0.28	0.00	0.07	0.07	—	69.1	69.1	< 0.005	< 0.005	0.25	70.1

Vendor	0.03	0.01	0.31	0.19	< 0.005	< 0.005	0.18	0.18	< 0.005	0.05	0.05	—	205	205	0.02	0.03	0.50	215
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	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.90	0.90	< 0.005	< 0.005	< 0.005	0.91
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.81	2.81	< 0.005	< 0.005	< 0.005	2.94
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	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.15	0.15	< 0.005	< 0.005	< 0.005	0.15
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.46	0.46	< 0.005	< 0.005	< 0.005	0.49
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Grading (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.96	1.65	15.9	15.4	0.02	0.74	—	0.74	0.68	—	0.68	—	2,454	2,454	0.10	0.02	—	2,462
Dust From Material Movement	—	—	—	—	—	—	2.78	2.78	—	1.34	1.34	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	1.47	1.47	< 0.005	0.15	0.15	—	8.16	8.16	< 0.005	< 0.005	0.01	8.62

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.39	0.38	< 0.005	0.02	—	0.02	0.02	—	0.02	—	60.5	60.5	< 0.005	< 0.005	—	60.7
Dust From Material Movement	—	—	—	—	—	—	0.07	0.07	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.04	0.04	< 0.005	< 0.005	< 0.005	—	0.20	0.20	< 0.005	< 0.005	< 0.005	0.21
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.0	10.0	< 0.005	< 0.005	—	10.1
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.03	0.03	< 0.005	< 0.005	< 0.005	0.04
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.37	0.00	0.00	0.37	0.37	0.00	0.09	0.09	—	92.1	92.1	< 0.005	< 0.005	0.34	93.5
Vendor	0.02	0.01	0.24	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.03	0.04	—	154	154	0.02	0.02	0.38	161
Hauling	0.50	0.06	4.33	2.83	0.03	0.03	2.13	2.16	0.03	0.55	0.58	—	2,734	2,734	0.42	0.44	5.36	2,882
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	2.15	2.15	< 0.005	< 0.005	< 0.005	2.18
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.79	3.79	< 0.005	< 0.005	< 0.005	3.97
Hauling	0.01	< 0.005	0.11	0.07	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	67.4	67.4	0.01	0.01	0.06	71.0
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.36	0.36	< 0.005	< 0.005	< 0.005	0.36
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.63	0.63	< 0.005	< 0.005	< 0.005	0.66
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	11.2	11.2	< 0.005	< 0.005	0.01	11.8

3.7. Building Construction (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.80	1.50	12.4	13.5	0.03	0.50	—	0.50	0.46	—	0.46	—	2,379	2,379	0.10	0.02	—	2,387
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.80	1.50	12.4	13.5	0.03	0.50	—	0.50	0.46	—	0.46	—	2,379	2,379	0.10	0.02	—	2,387
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.54	0.45	3.70	4.01	0.01	0.15	—	0.15	0.14	—	0.14	—	708	708	0.03	0.01	—	710

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	0.10	0.08	0.68	0.73	< 0.005	0.03	—	0.03	0.02	—	0.02	—	117	117	< 0.005	< 0.005	—	118
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	0.17	0.15	0.13	2.09	0.00	0.00	2.13	2.13	0.00	0.53	0.53	—	527	527	0.01	0.02	1.93	535
Vendor	0.09	0.02	0.87	0.52	< 0.005	0.01	0.50	0.51	0.01	0.13	0.13	—	572	572	0.06	0.08	1.40	599
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.15	0.17	1.91	0.00	0.00	2.13	2.13	0.00	0.53	0.53	—	497	497	0.01	0.02	0.05	504
Vendor	0.08	0.02	0.92	0.53	< 0.005	0.01	0.50	0.51	0.01	0.13	0.13	—	572	572	0.06	0.08	0.04	598
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	0.05	0.04	0.04	0.55	0.00	0.00	0.63	0.63	0.00	0.16	0.16	—	148	148	< 0.005	0.01	0.25	151
Vendor	0.03	0.01	0.27	0.16	< 0.005	< 0.005	0.15	0.15	< 0.005	0.04	0.04	—	170	170	0.02	0.02	0.18	178
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	0.10	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	24.6	24.6	< 0.005	< 0.005	0.04	24.9
Vendor	< 0.005	< 0.005	0.05	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	28.1	28.1	< 0.005	< 0.005	0.03	29.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Building Construction (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	1.69	1.41	11.8	13.4	0.03	0.44	—	0.44	0.41	—	0.41	—	2,379	2,379	0.10	0.02	—	2,387
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.69	1.41	11.8	13.4	0.03	0.44	—	0.44	0.41	—	0.41	—	2,379	2,379	0.10	0.02	—	2,387
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.14	0.95	7.95	9.03	0.02	0.30	—	0.30	0.27	—	0.27	—	1,606	1,606	0.07	0.01	—	1,612
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	0.21	0.17	1.45	1.65	< 0.005	0.05	—	0.05	0.05	—	0.05	—	266	266	0.01	< 0.005	—	267
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.14	0.11	1.92	0.00	0.00	2.13	2.13	0.00	0.53	0.53	—	515	515	0.01	< 0.005	1.71	518
Vendor	0.08	0.02	0.83	0.51	< 0.005	0.01	0.50	0.51	0.01	0.13	0.13	—	561	561	0.06	0.08	1.39	588
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.14	0.15	1.76	0.00	0.00	2.13	2.13	0.00	0.53	0.53	—	487	487	0.01	0.02	0.04	493
Vendor	0.08	0.02	0.86	0.52	< 0.005	0.01	0.50	0.51	0.01	0.13	0.13	—	561	561	0.06	0.08	0.04	586
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.09	0.09	1.15	0.00	0.00	1.44	1.44	0.00	0.35	0.35	—	330	330	0.01	0.01	0.50	334
Vendor	0.05	0.01	0.58	0.34	< 0.005	< 0.005	0.34	0.34	< 0.005	0.09	0.09	—	379	379	0.04	0.05	0.41	396
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.21	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	54.6	54.6	< 0.005	< 0.005	0.08	55.3
Vendor	0.01	< 0.005	0.11	0.06	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	62.7	62.7	0.01	0.01	0.07	65.6
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. Paving (2025) - Unmitigated

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

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

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.83	0.70	6.13	8.21	0.01	0.27	—	0.27	0.25	—	0.25	—	1,244	1,244	0.05	0.01	—	1,248
Paving	—	0.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.25	0.34	< 0.005	0.01	—	0.01	0.01	—	0.01	—	51.1	51.1	< 0.005	< 0.005	—	51.3
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.46	8.46	< 0.005	< 0.005	—	8.49
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.46	0.00	0.00	0.56	0.56	0.00	0.14	0.14	—	128	128	< 0.005	0.01	0.01	129
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	5.26	5.26	< 0.005	< 0.005	0.01	5.34
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.87	0.87	< 0.005	< 0.005	< 0.005	0.88
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Architectural Coating (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.13	0.88	1.14	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134
Architect ural Coatings	—	89.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.04	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.49	5.49	< 0.005	< 0.005	—	5.51
Architect ural Coatings	—	3.66	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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	—	0.91	0.91	< 0.005	< 0.005	—	0.91
Architectural Coatings	—	0.67	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.35	0.00	0.00	0.43	0.43	0.00	0.11	0.11	—	97.3	97.3	< 0.005	< 0.005	0.01	98.6
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	4.01	4.01	< 0.005	< 0.005	0.01	4.07
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.66	0.66	< 0.005	< 0.005	< 0.005	0.67
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	3.24	2.92	3.12	28.0	0.08	0.05	7.41	7.46	0.05	1.88	1.93	—	8,504	8,504	0.32	0.35	28.7	8,645
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	3.24	2.92	3.12	28.0	0.08	0.05	7.41	7.46	0.05	1.88	1.93	—	8,504	8,504	0.32	0.35	28.7	8,645
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	3.23	2.91	3.58	27.3	0.08	0.05	7.41	7.46	0.05	1.88	1.93	—	8,155	8,155	0.35	0.38	0.74	8,276
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	3.23	2.91	3.58	27.3	0.08	0.05	7.41	7.46	0.05	1.88	1.93	—	8,155	8,155	0.35	0.38	0.74	8,276
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	0.43	0.39	0.47	3.59	0.01	0.01	1.01	1.02	0.01	0.26	0.26	—	1,012	1,012	0.04	0.05	1.54	1,028
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.43	0.39	0.47	3.59	0.01	0.01	1.01	1.02	0.01	0.26	0.26	—	1,012	1,012	0.04	0.05	1.54	1,028

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	230	230	0.08	0.01	—	235
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	3.31	3.31	< 0.005	< 0.005	—	3.37
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	9.03	9.03	< 0.005	< 0.005	—	9.22
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	243	243	0.08	0.01	—	248
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	230	230	0.08	0.01	—	235
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	3.31	3.31	< 0.005	< 0.005	—	3.37
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	9.03	9.03	< 0.005	< 0.005	—	9.22
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	243	243	0.08	0.01	—	248
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	38.1	38.1	0.01	< 0.005	—	38.9
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.55	0.55	< 0.005	< 0.005	—	0.56
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	1.50	1.50	< 0.005	< 0.005	—	1.53
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	40.2	40.2	0.01	< 0.005	—	41.0

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	0.11	0.06	1.03	0.86	0.01	0.08	—	0.08	0.08	—	0.08	—	1,227	1,227	0.11	< 0.005	—	1,230
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.11	0.06	1.03	0.86	0.01	0.08	—	0.08	0.08	—	0.08	—	1,227	1,227	0.11	< 0.005	—	1,230
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	0.11	0.06	1.03	0.86	0.01	0.08	—	0.08	0.08	—	0.08	—	1,227	1,227	0.11	< 0.005	—	1,230
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.11	0.06	1.03	0.86	0.01	0.08	—	0.08	0.08	—	0.08	—	1,227	1,227	0.11	< 0.005	—	1,230
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	0.02	0.01	0.19	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	203	203	0.02	< 0.005	—	204
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.02	0.01	0.19	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	203	203	0.02	< 0.005	—	204

4.3. Area Emissions by Source

4.3.2. 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	—	2.73	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.37	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.05	0.97	0.05	5.92	< 0.005	0.01	—	0.01	0.01	—	0.01	—	24.3	24.3	< 0.005	< 0.005	—	24.4
Total	1.05	4.07	0.05	5.92	< 0.005	0.01	—	0.01	0.01	—	0.01	—	24.3	24.3	< 0.005	< 0.005	—	24.4

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	2.73	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.37	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	3.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.09	0.09	< 0.005	0.53	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.99	1.99	< 0.005	< 0.005	—	2.00
Total	0.09	0.65	< 0.005	0.53	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.99	1.99	< 0.005	< 0.005	—	2.00

4.4. Water Emissions by Land Use

4.4.2. 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	—	—	—	—	—	—	—	—	—	—	—	19.7	18.3	38.0	2.03	0.05	—	103

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	0.17	0.17	< 0.005	< 0.005	—	0.17
Total	—	—	—	—	—	—	—	—	—	—	—	19.7	18.4	38.2	2.03	0.05	—	103
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	—	—	—	—	—	—	—	—	—	—	—	19.7	18.3	38.0	2.03	0.05	—	103
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	0.17	0.17	< 0.005	< 0.005	—	0.17
Total	—	—	—	—	—	—	—	—	—	—	—	19.7	18.4	38.2	2.03	0.05	—	103
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	—	—	—	—	—	—	—	—	—	—	—	3.27	3.02	6.29	0.34	0.01	—	17.1

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	0.03	0.03	< 0.005	< 0.005	—	0.03
Total	—	—	—	—	—	—	—	—	—	—	—	3.27	3.05	6.32	0.34	0.01	—	17.1

4.5. Waste Emissions by Land Use

4.5.2. 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	—	—	—	—	—	—	—	—	—	—	—	37.5	0.00	37.5	3.75	0.00	—	131
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
City Park	—	—	—	—	—	—	—	—	—	—	—	0.01	0.00	0.01	< 0.005	0.00	—	0.05
Total	—	—	—	—	—	—	—	—	—	—	—	37.5	0.00	37.5	3.75	0.00	—	131
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	—	—	—	—	—	—	—	—	—	—	—	37.5	0.00	37.5	3.75	0.00	—	131
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
City Park	—	—	—	—	—	—	—	—	—	—	—	0.01	0.00	0.01	< 0.005	0.00	—	0.05
Total	—	—	—	—	—	—	—	—	—	—	—	37.5	0.00	37.5	3.75	0.00	—	131
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	—	—	—	—	—	—	—	—	—	—	—	6.21	0.00	6.21	0.62	0.00	—	21.7
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
City Park	—	—	—	—	—	—	—	—	—	—	—	< 0.005	0.00	< 0.005	< 0.005	0.00	—	0.01
Total	—	—	—	—	—	—	—	—	—	—	—	6.21	0.00	6.21	0.62	0.00	—	21.7

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	199	199
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	199	199
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	199	199
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	199	199
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.9	32.9
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.9	32.9

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

4.8. 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

Equipme nt 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)

Vegetatio n	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Remove d	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequest ered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Remove d	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequest ered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Remove d	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	6/3/2024	7/13/2024	5.00	30.0	—
Site Preparation	Site Preparation	7/14/2024	7/20/2024	5.00	5.00	—
Grading	Grading	7/21/2024	8/1/2024	5.00	9.00	—
Building Construction	Building Construction	8/2/2024	12/11/2025	5.00	355	—
Paving	Paving	11/21/2025	12/11/2025	5.00	15.0	—
Architectural Coating	Architectural Coating	11/21/2025	12/11/2025	5.00	15.0	—

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
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Demolition	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Demolition	Tractors/Loaders/Backhoes	Diesel	Average	3.00	8.00	84.0	0.37
Site Preparation	Graders	Diesel	Average	1.00	8.00	148	0.41
Site Preparation	Scrapers	Diesel	Average	1.00	8.00	423	0.48
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	1.00	7.00	84.0	0.37
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Backhoes	Diesel	Average	2.00	7.00	84.0	0.37

Building Construction	Cranes	Diesel	Average	1.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Average	2.00	7.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	1.00	6.00	84.0	0.37
Building Construction	Welders	Diesel	Average	3.00	8.00	46.0	0.45
Building Construction	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48
Paving	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Paving	Pavers	Diesel	Average	1.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	1.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Paving	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	12.5	12.8	LDA,LDT1,LDT2
Demolition	Vendor	2.00	7.30	HHDT,MHDT
Demolition	Hauling	2.47	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	7.50	12.8	LDA,LDT1,LDT2
Site Preparation	Vendor	8.00	7.30	HHDT,MHDT

Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	1.00	2.48	HHDT
Grading	—	—	—	—
Grading	Worker	10.0	12.8	LDA,LDT1,LDT2
Grading	Vendor	6.00	7.30	HHDT,MHDT
Grading	Hauling	34.0	20.0	HHDT
Grading	Onsite truck	1.00	1.65	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	57.2	12.8	LDA,LDT1,LDT2
Building Construction	Vendor	22.3	7.30	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	12.8	LDA,LDT1,LDT2
Paving	Vendor	—	7.30	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	11.4	12.8	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	7.30	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

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)
Architectural Coating	0.00	0.00	191,210	63,647	1,363

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	294	—
Site Preparation	—	—	7.50	0.00	—
Grading	2,933	—	9.00	0.00	—
Paving	0.00	0.00	0.00	0.00	1.38

5.6.2. Construction Earthmoving Control Strategies

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

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Hotel	0.00	0%
Parking Lot	0.32	100%
Enclosed Parking with Elevator	0.21	100%
Other Asphalt Surfaces	0.63	100%
Other Non-Asphalt Surfaces	0.22	0%

City Park	0.00	0%
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5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2024	0.00	100.0	0.03	< 0.005
2025	0.00	100.0	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
Hotel	756	1,089	833	297,223	7,284	10,491	8,027	2,864,612
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

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	191,210	63,647	1,363

5.10.3. Landscape Equipment

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)
Hotel	840,803	100.0	0.0330	0.0040	3,828,497
Parking Lot	12,071	100.0	0.0330	0.0040	0.00
Enclosed Parking with Elevator	32,976	100.0	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	100.0	0.0330	0.0040	0.00
Other Non-Asphalt Surfaces	0.00	100.0	0.0330	0.0040	0.00
City Park	0.00	100.0	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Hotel	10,293,000	0.00
Parking Lot	0.00	0.00

Enclosed Parking with Elevator	0.00	0.00
Other Asphalt Surfaces	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00
City Park	0.00	125,724

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Hotel	69.6	—
Parking Lot	0.00	—
Enclosed Parking with Elevator	0.00	—
Other Asphalt Surfaces	0.00	—
Other Non-Asphalt Surfaces	0.00	—
City Park	0.02	—

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
Hotel	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00
Hotel	Other commercial A/C and heat pumps	R-410A	2,088	1.80	4.00	4.00	18.0
Hotel	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
City Park	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
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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
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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
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5.16.2. Process Boilers

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

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres
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5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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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	9.23	annual days of extreme heat
Extreme Precipitation	4.65	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	13.4	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 (2040–2059 average under RCP 8.5), and consider different increments of sea level rise coupled with extreme storm events. Users may select from four model simulations to view the range in potential inundation depth 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 50 meters (m) by 50 m, or about 164 feet (ft) by 164 ft.

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	N/A	N/A	N/A	N/A
Extreme Precipitation	1	0	0	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	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	N/A	N/A	N/A	N/A
Extreme Precipitation	1	1	1	2
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A

Air Quality Degradation	1	1	1	2
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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	6.38
AQ-PM	20.0
AQ-DPM	91.1
Drinking Water	12.7
Lead Risk Housing	80.0
Pesticides	0.00
Toxic Releases	27.3
Traffic	90.2
Effect Indicators	—
CleanUp Sites	98.8
Groundwater	99.3
Haz Waste Facilities/Generators	97.4
Impaired Water Bodies	0.00
Solid Waste	76.4

Sensitive Population	—
Asthma	10.7
Cardio-vascular	10.9
Low Birth Weights	63.0
Socioeconomic Factor Indicators	—
Education	20.9
Housing	22.7
Linguistic	30.0
Poverty	14.5
Unemployment	29.4

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	61.34992942
Employed	98.22918003
Median HI	86.60336199
Education	—
Bachelor's or higher	77.58244578
High school enrollment	1.360195047
Preschool enrollment	29.03888105
Transportation	—
Auto Access	92.6344155
Active commuting	61.09328885
Social	—
2-parent households	85.65379186

Voting	83.98562813
Neighborhood	—
Alcohol availability	20.60823816
Park access	61.24727319
Retail density	91.6078532
Supermarket access	51.81573207
Tree canopy	76.15809059
Housing	—
Homeownership	72.09033748
Housing habitability	74.06646991
Low-inc homeowner severe housing cost burden	63.06942128
Low-inc renter severe housing cost burden	73.97664571
Uncrowded housing	43.11561658
Health Outcomes	—
Insured adults	39.07352752
Arthritis	0.0
Asthma ER Admissions	78.6
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	90.3
Cognitively Disabled	84.2
Physically Disabled	83.0
Heart Attack ER Admissions	84.7

Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
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	0.0
SLR Inundation Area	13.2
Children	35.2
Elderly	84.2
English Speaking	56.5
Foreign-born	55.3
Outdoor Workers	36.3
Climate Change Adaptive Capacity	—
Impervious Surface Cover	28.2
Traffic Density	86.3
Traffic Access	87.4
Other Indices	—
Hardship	26.3
Other Decision Support	—
2016 Voting	78.7

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	31.0
Healthy Places Index Score for Project Location (b)	70.0
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
Characteristics: Utility Information	Electricity provider for the City of San Carlos.
Land Use	Based on information provided by the applicant.
Construction: Construction Phases	See the AQ/GHG appendix in the DEIR.
Construction: Off-Road Equipment	See AQ/GHG appendix in the DEIR.
Construction: On-Road Fugitive Dust	Bay Area Air Quality Management District 2022 CEQA Guidelines -- Air Quality Guidelines Appendix D: Using CalEEMod for Bay Area Projects and BAAQMD Best Management Practices for Construction-Related Fugitive Dust Emissions
Construction: Architectural Coatings	Covers parking structure and parking lot only.

Operations: Vehicle Data	Based trip generation data provided by W-Trans.
Operations: Fleet Mix	Normalized based on trip generation info provided by W-Trans.
Operations: Architectural Coatings	Parking lot and parking structure only.
Operations: Water and Waste Water	See assumptions in the AQ/GHG appendix of the DEIR.
Operations: Solid Waste	See AQ/GHG appendix of the DEIR for details.

COSC-07.2_Mitigated Construction Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	COSC-07.2_Mitigated Construction
Construction Start Date	6/3/2024
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	4.70
Precipitation (days)	3.20
Location	37.51186213123031, -122.25667579683123
County	San Mateo
City	San Carlos
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1205
EDFZ	1
Electric Utility	Peninsula Clean Energy
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.14

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
Hotel	188	Room	0.51	127,205	0.00	—	—	—

Parking Lot	13.8	1000sqft	0.32	0.32	0.00	—	—	—
Enclosed Parking with Elevator	8.93	1000sqft	0.21	8,933	0.00	—	—	—
Other Asphalt Surfaces	27.6	1000sqft	0.63	0.00	0.00	—	—	—
Other Non-Asphalt Surfaces	9.67	1000sqft	0.22	0.00	0.00	—	—	—
City Park	0.28	Acre	0.28	0.00	12,387	12,387	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers
Construction	C-6	Use Diesel Particulate Filters
Construction	C-9	Use Dust Suppressants
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.	2.52	1.75	20.5	18.8	0.05	0.78	11.2	12.0	0.72	4.25	4.97	—	5,441	5,441	0.54	0.49	6.09	5,607
Mit.	1.30	1.07	12.3	17.7	0.05	0.19	5.65	5.73	0.17	2.03	2.11	—	5,441	5,441	0.54	0.49	6.09	5,607
% Reduced	48%	39%	40%	6%	—	76%	50%	52%	76%	52%	57%	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.99	91.7	19.9	25.8	0.04	0.75	3.62	4.37	0.69	0.90	1.58	—	5,030	5,030	0.22	0.14	0.10	5,077
Mit.	1.57	90.6	18.1	27.7	0.04	0.26	3.62	3.88	0.25	0.90	1.14	—	5,030	5,030	0.22	0.14	0.10	5,077
% Reduced	47%	1%	9%	-7%	—	65%	—	11%	64%	—	28%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.35	4.76	8.90	10.9	0.02	0.31	1.81	2.13	0.29	0.45	0.74	—	2,381	2,381	0.11	0.08	0.92	2,409
Mit.	0.84	4.36	7.76	12.1	0.02	0.12	1.81	1.93	0.11	0.45	0.56	—	2,381	2,381	0.11	0.08	0.92	2,409
% Reduced	37%	8%	13%	-10%	—	63%	—	9%	62%	—	24%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.25	0.87	1.63	2.00	< 0.005	0.06	0.33	0.39	0.05	0.08	0.13	—	394	394	0.02	0.01	0.15	399
Mit.	0.15	0.80	1.42	2.20	< 0.005	0.02	0.33	0.35	0.02	0.08	0.10	—	394	394	0.02	0.01	0.15	399
% Reduced	37%	8%	13%	-10%	—	63%	—	9%	62%	—	24%	—	—	—	—	—	—	—

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	2.52	1.75	20.5	18.8	0.05	0.78	11.2	12.0	0.72	4.25	4.97	—	5,441	5,441	0.54	0.49	6.09	5,607
2025	1.93	1.57	12.7	15.8	0.03	0.45	2.63	3.08	0.41	0.65	1.07	—	3,456	3,456	0.16	0.10	3.10	3,493
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2024	2.05	1.67	13.5	15.9	0.03	0.51	2.63	3.14	0.47	0.65	1.12	—	3,448	3,448	0.17	0.12	0.09	3,489
2025	2.99	91.7	19.9	25.8	0.04	0.75	3.62	4.37	0.69	0.90	1.58	—	5,030	5,030	0.22	0.14	0.10	5,077
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.86	0.69	6.02	6.71	0.01	0.23	1.19	1.42	0.21	0.32	0.54	—	1,436	1,436	0.08	0.05	0.53	1,454
2025	1.35	4.76	8.90	10.9	0.02	0.31	1.81	2.13	0.29	0.45	0.74	—	2,381	2,381	0.11	0.08	0.92	2,409
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.16	0.13	1.10	1.22	< 0.005	0.04	0.22	0.26	0.04	0.06	0.10	—	238	238	0.01	0.01	0.09	241
2025	0.25	0.87	1.63	2.00	< 0.005	0.06	0.33	0.39	0.05	0.08	0.13	—	394	394	0.02	0.01	0.15	399

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.30	1.07	12.3	17.7	0.05	0.19	5.65	5.73	0.17	2.03	2.11	—	5,441	5,441	0.54	0.49	6.09	5,607
2025	1.23	1.02	11.0	17.5	0.03	0.17	2.63	2.80	0.16	0.65	0.81	—	3,456	3,456	0.16	0.10	3.10	3,493
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.30	1.07	11.3	17.5	0.03	0.19	2.63	2.82	0.17	0.65	0.83	—	3,448	3,448	0.17	0.12	0.09	3,489
2025	1.57	90.6	18.1	27.7	0.04	0.26	3.62	3.88	0.25	0.90	1.14	—	5,030	5,030	0.22	0.14	0.10	5,077
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.45	0.36	4.47	7.09	0.01	0.06	1.01	1.08	0.06	0.26	0.32	—	1,436	1,436	0.08	0.05	0.53	1,454
2025	0.84	4.36	7.76	12.1	0.02	0.12	1.81	1.93	0.11	0.45	0.56	—	2,381	2,381	0.11	0.08	0.92	2,409
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.08	0.07	0.81	1.29	< 0.005	0.01	0.18	0.20	0.01	0.05	0.06	—	238	238	0.01	0.01	0.09	241

2025	0.15	0.80	1.42	2.20	< 0.005	0.02	0.33	0.35	0.02	0.08	0.10	—	394	394	0.02	0.01	0.15	399
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3. Construction Emissions Details

3.1. Demolition (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.92	1.61	15.6	16.0	0.02	0.67	—	0.67	0.62	—	0.62	—	2,494	2,494	0.10	0.02	—	2,502
Demolition	—	—	—	—	—	—	0.23	0.23	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.13	1.28	1.32	< 0.005	0.06	—	0.06	0.05	—	0.05	—	205	205	0.01	< 0.005	—	206
Demolition	—	—	—	—	—	—	0.02	0.02	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.02	0.23	0.24	< 0.005	0.01	—	0.01	0.01	—	0.01	—	33.9	33.9	< 0.005	< 0.005	—	34.0

Demolition	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
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	0.04	0.03	0.03	0.46	0.00	0.00	0.47	0.47	0.00	0.11	0.11	—	115	115	< 0.005	< 0.005	0.42	117
Vendor	0.01	< 0.005	0.08	0.05	< 0.005	< 0.005	0.04	0.05	< 0.005	0.01	0.01	—	51.2	51.2	0.01	0.01	0.13	53.7
Hauling	0.04	< 0.005	0.31	0.21	< 0.005	< 0.005	0.15	0.16	< 0.005	0.04	0.04	—	198	198	0.03	0.03	0.39	209
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	8.97	8.97	< 0.005	< 0.005	0.01	9.09
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.21	4.21	< 0.005	< 0.005	< 0.005	4.41
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	16.3	16.3	< 0.005	< 0.005	0.01	17.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	1.48	1.48	< 0.005	< 0.005	< 0.005	1.51
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.70	0.70	< 0.005	< 0.005	< 0.005	0.73
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.70	2.70	< 0.005	< 0.005	< 0.005	2.84

3.2. Demolition (2024) - 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	0.33	0.33	8.04	14.6	0.02	0.05	—	0.05	0.05	—	0.05	—	2,494	2,494	0.10	0.02	—	2,502
Demolition	—	—	—	—	—	—	0.23	0.23	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.66	1.20	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	205	205	0.01	< 0.005	—	206
Demolition	—	—	—	—	—	—	0.02	0.02	—	< 0.005	< 0.005	—	—	—	—	—	—	—
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	0.12	0.22	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	33.9	33.9	< 0.005	< 0.005	—	34.0
Demolition	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
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	0.04	0.03	0.03	0.46	0.00	0.00	0.47	0.47	0.00	0.11	0.11	—	115	115	< 0.005	< 0.005	0.42	117
Vendor	0.01	< 0.005	0.08	0.05	< 0.005	< 0.005	0.04	0.05	< 0.005	0.01	0.01	—	51.2	51.2	0.01	0.01	0.13	53.7

Hauling	0.04	< 0.005	0.31	0.21	< 0.005	< 0.005	0.15	0.16	< 0.005	0.04	0.04	—	198	198	0.03	0.03	0.39	209
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	8.97	8.97	< 0.005	< 0.005	0.01	9.09
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.21	4.21	< 0.005	< 0.005	< 0.005	4.41
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	16.3	16.3	< 0.005	< 0.005	0.01	17.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	1.48	1.48	< 0.005	< 0.005	< 0.005	1.51
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.70	0.70	< 0.005	< 0.005	< 0.005	0.73
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.70	2.70	< 0.005	< 0.005	< 0.005	2.84

3.3. Site Preparation (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.56	1.31	12.7	11.4	0.03	0.55	—	0.55	0.51	—	0.51	—	2,716	2,716	0.11	0.02	—	2,725
Dust From Material Movement	—	—	—	—	—	—	1.59	1.59	—	0.17	0.17	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	2.21	2.21	< 0.005	0.22	0.22	—	11.4	11.4	< 0.005	< 0.005	0.02	12.0
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.17	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	37.2	37.2	< 0.005	< 0.005	—	37.3
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	0.03	0.03	< 0.005	< 0.005	< 0.005	—	0.16	0.16	< 0.005	< 0.005	< 0.005	0.16
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.16	6.16	< 0.005	< 0.005	—	6.18
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.03	0.03	< 0.005	< 0.005	< 0.005	0.03
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.27	0.00	0.00	0.28	0.28	0.00	0.07	0.07	—	69.1	69.1	< 0.005	< 0.005	0.25	70.1
Vendor	0.03	0.01	0.31	0.19	< 0.005	< 0.005	0.18	0.18	< 0.005	0.05	0.05	—	205	205	0.02	0.03	0.50	215
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	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.90	0.90	< 0.005	< 0.005	< 0.005	0.91
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.81	2.81	< 0.005	< 0.005	< 0.005	2.94

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	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.15	0.15	< 0.005	< 0.005	< 0.005	0.15
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.46	0.46	< 0.005	< 0.005	< 0.005	0.49
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.4. Site Preparation (2024) - 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	0.34	0.34	7.95	15.0	0.03	0.05	—	0.05	0.05	—	0.05	—	2,716	2,716	0.11	0.02	—	2,725
Dust From Material Movement	—	—	—	—	—	—	0.62	0.62	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.35	0.35	< 0.005	0.04	0.04	—	11.4	11.4	< 0.005	< 0.005	0.02	12.0
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.11	0.21	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	37.2	37.2	< 0.005	< 0.005	—	37.3
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	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.16	0.16	< 0.005	< 0.005	< 0.005	0.16
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.16	6.16	< 0.005	< 0.005	—	6.18
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.03	0.03	< 0.005	< 0.005	< 0.005	0.03
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.27	0.00	0.00	0.28	0.28	0.00	0.07	0.07	—	69.1	69.1	< 0.005	< 0.005	0.25	70.1
Vendor	0.03	0.01	0.31	0.19	< 0.005	< 0.005	0.18	0.18	< 0.005	0.05	0.05	—	205	205	0.02	0.03	0.50	215
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	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.90	0.90	< 0.005	< 0.005	< 0.005	0.91
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.81	2.81	< 0.005	< 0.005	< 0.005	2.94
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	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.15	0.15	< 0.005	< 0.005	< 0.005	0.15
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.46	0.46	< 0.005	< 0.005	< 0.005	0.49
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Grading (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.96	1.65	15.9	15.4	0.02	0.74	—	0.74	0.68	—	0.68	—	2,454	2,454	0.10	0.02	—	2,462
Dust From Material Movement	—	—	—	—	—	—	7.12	7.12	—	3.43	3.43	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	1.47	1.47	< 0.005	0.15	0.15	—	8.16	8.16	< 0.005	< 0.005	0.01	8.62
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.39	0.38	< 0.005	0.02	—	0.02	0.02	—	0.02	—	60.5	60.5	< 0.005	< 0.005	—	60.7
Dust From Material Movement	—	—	—	—	—	—	0.18	0.18	—	0.08	0.08	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.04	0.04	< 0.005	< 0.005	< 0.005	—	0.20	0.20	< 0.005	< 0.005	< 0.005	0.21
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.0	10.0	< 0.005	< 0.005	—	10.1

Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.03	0.03	< 0.005	< 0.005	< 0.005	0.04
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.37	0.00	0.00	0.37	0.37	0.00	0.09	0.09	—	92.1	92.1	< 0.005	< 0.005	0.34	93.5
Vendor	0.02	0.01	0.24	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.03	0.04	—	154	154	0.02	0.02	0.38	161
Hauling	0.50	0.06	4.33	2.83	0.03	0.03	2.13	2.16	0.03	0.55	0.58	—	2,734	2,734	0.42	0.44	5.36	2,882
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	2.15	2.15	< 0.005	< 0.005	< 0.005	2.18
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.79	3.79	< 0.005	< 0.005	< 0.005	3.97
Hauling	0.01	< 0.005	0.11	0.07	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	67.4	67.4	0.01	0.01	0.06	71.0
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.36	0.36	< 0.005	< 0.005	< 0.005	0.36
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.63	0.63	< 0.005	< 0.005	< 0.005	0.66
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	11.2	11.2	< 0.005	< 0.005	0.01	11.8

3.6. Grading (2024) - 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	0.32	0.32	7.70	14.2	0.02	0.05	—	0.05	0.05	—	0.05	—	2,454	2,454	0.10	0.02	—	2,462
Dust From Material Movement	—	—	—	—	—	—	2.78	2.78	—	1.34	1.34	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.24	0.24	< 0.005	0.02	0.02	—	8.16	8.16	< 0.005	< 0.005	0.01	8.62
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.19	0.35	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	60.5	60.5	< 0.005	< 0.005	—	60.7
Dust From Material Movement	—	—	—	—	—	—	0.07	0.07	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.20	0.20	< 0.005	< 0.005	< 0.005	0.21
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.0	10.0	< 0.005	< 0.005	—	10.1
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.03	0.03	< 0.005	< 0.005	< 0.005	0.04
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.37	0.00	0.00	0.37	0.37	0.00	0.09	0.09	—	92.1	92.1	< 0.005	< 0.005	0.34	93.5
Vendor	0.02	0.01	0.24	0.14	< 0.005	< 0.005	0.13	0.14	< 0.005	0.03	0.04	—	154	154	0.02	0.02	0.38	161
Hauling	0.50	0.06	4.33	2.83	0.03	0.03	2.13	2.16	0.03	0.55	0.58	—	2,734	2,734	0.42	0.44	5.36	2,882
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	2.15	2.15	< 0.005	< 0.005	< 0.005	2.18
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.79	3.79	< 0.005	< 0.005	< 0.005	3.97
Hauling	0.01	< 0.005	0.11	0.07	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	67.4	67.4	0.01	0.01	0.06	71.0
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.36	0.36	< 0.005	< 0.005	< 0.005	0.36
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.63	0.63	< 0.005	< 0.005	< 0.005	0.66
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	11.2	11.2	< 0.005	< 0.005	0.01	11.8

3.7. Building Construction (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.80	1.50	12.4	13.5	0.03	0.50	—	0.50	0.46	—	0.46	—	2,379	2,379	0.10	0.02	—	2,387
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.80	1.50	12.4	13.5	0.03	0.50	—	0.50	0.46	—	0.46	—	2,379	2,379	0.10	0.02	—	2,387
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.54	0.45	3.70	4.01	0.01	0.15	—	0.15	0.14	—	0.14	—	708	708	0.03	0.01	—	710
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	0.10	0.08	0.68	0.73	< 0.005	0.03	—	0.03	0.02	—	0.02	—	117	117	< 0.005	< 0.005	—	118
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	0.17	0.15	0.13	2.09	0.00	0.00	2.13	2.13	0.00	0.53	0.53	—	527	527	0.01	0.02	1.93	535
Vendor	0.09	0.02	0.87	0.52	< 0.005	0.01	0.50	0.51	0.01	0.13	0.13	—	572	572	0.06	0.08	1.40	599
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.15	0.17	1.91	0.00	0.00	2.13	2.13	0.00	0.53	0.53	—	497	497	0.01	0.02	0.05	504
Vendor	0.08	0.02	0.92	0.53	< 0.005	0.01	0.50	0.51	0.01	0.13	0.13	—	572	572	0.06	0.08	0.04	598
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	0.05	0.04	0.04	0.55	0.00	0.00	0.63	0.63	0.00	0.16	0.16	—	148	148	< 0.005	0.01	0.25	151
Vendor	0.03	0.01	0.27	0.16	< 0.005	< 0.005	0.15	0.15	< 0.005	0.04	0.04	—	170	170	0.02	0.02	0.18	178
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	0.10	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	24.6	24.6	< 0.005	< 0.005	0.04	24.9
Vendor	< 0.005	< 0.005	0.05	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	28.1	28.1	< 0.005	< 0.005	0.03	29.5
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. Building Construction (2024) - 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	1.04	0.90	10.2	15.1	0.03	0.18	—	0.18	0.17	—	0.17	—	2,379	2,379	0.10	0.02	—	2,387
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.04	0.90	10.2	15.1	0.03	0.18	—	0.18	0.17	—	0.17	—	2,379	2,379	0.10	0.02	—	2,387
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.31	0.27	3.03	4.48	0.01	0.05	—	0.05	0.05	—	0.05	—	708	708	0.03	0.01	—	710

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.55	0.82	< 0.005	0.01	—	0.01	0.01	—	0.01	—	117	117	< 0.005	< 0.005	—	118
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	0.17	0.15	0.13	2.09	0.00	0.00	2.13	2.13	0.00	0.53	0.53	—	527	527	0.01	0.02	1.93	535
Vendor	0.09	0.02	0.87	0.52	< 0.005	0.01	0.50	0.51	0.01	0.13	0.13	—	572	572	0.06	0.08	1.40	599
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.15	0.17	1.91	0.00	0.00	2.13	2.13	0.00	0.53	0.53	—	497	497	0.01	0.02	0.05	504
Vendor	0.08	0.02	0.92	0.53	< 0.005	0.01	0.50	0.51	0.01	0.13	0.13	—	572	572	0.06	0.08	0.04	598
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	0.05	0.04	0.04	0.55	0.00	0.00	0.63	0.63	0.00	0.16	0.16	—	148	148	< 0.005	0.01	0.25	151
Vendor	0.03	0.01	0.27	0.16	< 0.005	< 0.005	0.15	0.15	< 0.005	0.04	0.04	—	170	170	0.02	0.02	0.18	178
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	0.10	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	24.6	24.6	< 0.005	< 0.005	0.04	24.9
Vendor	< 0.005	< 0.005	0.05	0.03	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	28.1	28.1	< 0.005	< 0.005	0.03	29.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Building Construction (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	1.69	1.41	11.8	13.4	0.03	0.44	—	0.44	0.41	—	0.41	—	2,379	2,379	0.10	0.02	—	2,387
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.69	1.41	11.8	13.4	0.03	0.44	—	0.44	0.41	—	0.41	—	2,379	2,379	0.10	0.02	—	2,387
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.14	0.95	7.95	9.03	0.02	0.30	—	0.30	0.27	—	0.27	—	1,606	1,606	0.07	0.01	—	1,612
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	0.21	0.17	1.45	1.65	< 0.005	0.05	—	0.05	0.05	—	0.05	—	266	266	0.01	< 0.005	—	267
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.14	0.11	1.92	0.00	0.00	2.13	2.13	0.00	0.53	0.53	—	515	515	0.01	< 0.005	1.71	518
Vendor	0.08	0.02	0.83	0.51	< 0.005	0.01	0.50	0.51	0.01	0.13	0.13	—	561	561	0.06	0.08	1.39	588
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.14	0.15	1.76	0.00	0.00	2.13	2.13	0.00	0.53	0.53	—	487	487	0.01	0.02	0.04	493
Vendor	0.08	0.02	0.86	0.52	< 0.005	0.01	0.50	0.51	0.01	0.13	0.13	—	561	561	0.06	0.08	0.04	586
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.09	0.09	1.15	0.00	0.00	1.44	1.44	0.00	0.35	0.35	—	330	330	0.01	0.01	0.50	334
Vendor	0.05	0.01	0.58	0.34	< 0.005	< 0.005	0.34	0.34	< 0.005	0.09	0.09	—	379	379	0.04	0.05	0.41	396
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.21	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	54.6	54.6	< 0.005	< 0.005	0.08	55.3
Vendor	0.01	< 0.005	0.11	0.06	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	62.7	62.7	0.01	0.01	0.07	65.6
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. Building 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	0.99	0.86	10.1	15.0	0.03	0.16	—	0.16	0.15	—	0.15	—	2,379	2,379	0.10	0.02	—	2,387
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.99	0.86	10.1	15.0	0.03	0.16	—	0.16	0.15	—	0.15	—	2,379	2,379	0.10	0.02	—	2,387
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.67	0.58	6.80	10.2	0.02	0.11	—	0.11	0.10	—	0.10	—	1,606	1,606	0.07	0.01	—	1,612
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	0.12	0.11	1.24	1.85	< 0.005	0.02	—	0.02	0.02	—	0.02	—	266	266	0.01	< 0.005	—	267
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.14	0.11	1.92	0.00	0.00	2.13	2.13	0.00	0.53	0.53	—	515	515	0.01	< 0.005	1.71	518
Vendor	0.08	0.02	0.83	0.51	< 0.005	0.01	0.50	0.51	0.01	0.13	0.13	—	561	561	0.06	0.08	1.39	588
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.14	0.15	1.76	0.00	0.00	2.13	2.13	0.00	0.53	0.53	—	487	487	0.01	0.02	0.04	493

Vendor	0.08	0.02	0.86	0.52	< 0.005	0.01	0.50	0.51	0.01	0.13	0.13	—	561	561	0.06	0.08	0.04	586
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.09	0.09	1.15	0.00	0.00	1.44	1.44	0.00	0.35	0.35	—	330	330	0.01	0.01	0.50	334
Vendor	0.05	0.01	0.58	0.34	< 0.005	< 0.005	0.34	0.34	< 0.005	0.09	0.09	—	379	379	0.04	0.05	0.41	396
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.21	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	54.6	54.6	< 0.005	< 0.005	0.08	55.3
Vendor	0.01	< 0.005	0.11	0.06	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	62.7	62.7	0.01	0.01	0.07	65.6
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. Paving (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.83	0.70	6.13	8.21	0.01	0.27	—	0.27	0.25	—	0.25	—	1,244	1,244	0.05	0.01	—	1,248
Paving	—	0.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.03	0.03	0.25	0.34	< 0.005	0.01	—	0.01	0.01	—	0.01	—	51.1	51.1	< 0.005	< 0.005	—	51.3
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.46	8.46	< 0.005	< 0.005	—	8.49
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.46	0.00	0.00	0.56	0.56	0.00	0.14	0.14	—	128	128	< 0.005	0.01	0.01	129
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	5.26	5.26	< 0.005	< 0.005	0.01	5.34
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.87	0.87	< 0.005	< 0.005	< 0.005	0.88
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Paving (2025) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.24	6.29	8.64	0.01	0.10	—	0.10	0.09	—	0.09	—	1,244	1,244	0.05	0.01	—	1,248
Paving	—	0.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.26	0.36	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	51.1	51.1	< 0.005	< 0.005	—	51.3
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.05	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.46	8.46	< 0.005	< 0.005	—	8.49
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.46	0.00	0.00	0.56	0.56	0.00	0.14	0.14	—	128	128	< 0.005	0.01	0.01	129
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	5.26	5.26	< 0.005	< 0.005	0.01	5.34
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.87	0.87	< 0.005	< 0.005	< 0.005	0.88
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Architectural Coating (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.13	0.88	1.14	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134
Architect ural Coatings	—	89.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.04	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.49	5.49	< 0.005	< 0.005	—	5.51
Architectural Coatings	—	3.66	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	—	0.91	0.91	< 0.005	< 0.005	—	0.91
Architectural Coatings	—	0.67	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.35	0.00	0.00	0.43	0.43	0.00	0.11	0.11	—	97.3	97.3	< 0.005	< 0.005	0.01	98.6
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	4.01	4.01	< 0.005	< 0.005	0.01	4.07
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.66	0.66	< 0.005	< 0.005	< 0.005	0.67
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.14. Architectural Coating (2025) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.65	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	134	134	0.01	< 0.005	—	134
Architect ural Coatings	—	89.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.49	5.49	< 0.005	< 0.005	—	5.51
Architect ural Coatings	—	3.66	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.91	0.91	< 0.005	< 0.005	—	0.91
Architectural Coatings	—	0.67	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.35	0.00	0.00	0.43	0.43	0.00	0.11	0.11	—	97.3	97.3	< 0.005	< 0.005	0.01	98.6
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	4.01	4.01	< 0.005	< 0.005	0.01	4.07
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.66	0.66	< 0.005	< 0.005	< 0.005	0.67
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Remove d	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Remove d	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequest ered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Remove d	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	6/3/2024	7/13/2024	5.00	30.0	—
Site Preparation	Site Preparation	7/14/2024	7/20/2024	5.00	5.00	—
Grading	Grading	7/21/2024	8/1/2024	5.00	9.00	—
Building Construction	Building Construction	8/2/2024	12/11/2025	5.00	355	—
Paving	Paving	11/21/2025	12/11/2025	5.00	15.0	—
Architectural Coating	Architectural Coating	11/21/2025	12/11/2025	5.00	15.0	—

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
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Demolition	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Demolition	Tractors/Loaders/Backhoes	Diesel	Average	3.00	8.00	84.0	0.37
Site Preparation	Graders	Diesel	Average	1.00	8.00	148	0.41
Site Preparation	Scrapers	Diesel	Average	1.00	8.00	423	0.48
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	1.00	7.00	84.0	0.37
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Backhoes	Diesel	Average	2.00	7.00	84.0	0.37
Building Construction	Cranes	Diesel	Average	1.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Average	2.00	7.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	1.00	6.00	84.0	0.37
Building Construction	Welders	Diesel	Average	3.00	8.00	46.0	0.45
Building Construction	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48
Paving	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Paving	Pavers	Diesel	Average	1.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	1.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Paving	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37

Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48
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5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	Diesel	Tier 4 Final	1.00	8.00	33.0	0.73
Demolition	Rubber Tired Dozers	Diesel	Tier 4 Interim	1.00	8.00	367	0.40
Demolition	Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	3.00	8.00	84.0	0.37
Site Preparation	Graders	Diesel	Tier 4 Interim	1.00	8.00	148	0.41
Site Preparation	Scrapers	Diesel	Tier 4 Interim	1.00	8.00	423	0.48
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	1.00	7.00	84.0	0.37
Grading	Graders	Diesel	Tier 4 Interim	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Tier 4 Interim	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	2.00	7.00	84.0	0.37
Building Construction	Cranes	Diesel	Tier 4 Interim	1.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 4 Interim	2.00	7.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	1.00	6.00	84.0	0.37
Building Construction	Welders	Diesel	Average	3.00	8.00	46.0	0.45
Building Construction	Air Compressors	Diesel	Tier 4 Final	1.00	8.00	37.0	0.48
Paving	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Paving	Pavers	Diesel	Tier 4 Interim	1.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Interim	1.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Tier 4 Interim	2.00	8.00	36.0	0.38

Paving	Tractors/Loaders/Backh	Diesel	Tier 4 Interim	1.00	8.00	84.0	0.37
Architectural Coating	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	12.5	12.8	LDA,LDT1,LDT2
Demolition	Vendor	2.00	7.30	HHDT,MHDT
Demolition	Hauling	2.47	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	7.50	12.8	LDA,LDT1,LDT2
Site Preparation	Vendor	8.00	7.30	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	1.00	2.48	HHDT
Grading	—	—	—	—
Grading	Worker	10.0	12.8	LDA,LDT1,LDT2
Grading	Vendor	6.00	7.30	HHDT,MHDT
Grading	Hauling	34.0	20.0	HHDT
Grading	Onsite truck	1.00	1.65	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	57.2	12.8	LDA,LDT1,LDT2
Building Construction	Vendor	22.3	7.30	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT

Paving	—	—	—	—
Paving	Worker	15.0	12.8	LDA,LDT1,LDT2
Paving	Vendor	—	7.30	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	11.4	12.8	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	7.30	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	12.5	12.8	LDA,LDT1,LDT2
Demolition	Vendor	2.00	7.30	HHDT,MHDT
Demolition	Hauling	2.47	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	7.50	12.8	LDA,LDT1,LDT2
Site Preparation	Vendor	8.00	7.30	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	1.00	2.48	HHDT
Grading	—	—	—	—
Grading	Worker	10.0	12.8	LDA,LDT1,LDT2
Grading	Vendor	6.00	7.30	HHDT,MHDT
Grading	Hauling	34.0	20.0	HHDT

Grading	Onsite truck	1.00	1.65	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	57.2	12.8	LDA,LDT1,LDT2
Building Construction	Vendor	22.3	7.30	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	12.8	LDA,LDT1,LDT2
Paving	Vendor	—	7.30	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	11.4	12.8	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	7.30	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

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)
Architectural Coating	0.00	0.00	191,210	63,647	1,363

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	294	—
Site Preparation	—	—	7.50	0.00	—
Grading	2,933	—	9.00	0.00	—
Paving	0.00	0.00	0.00	0.00	1.38

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
Hotel	0.00	0%
Parking Lot	0.32	100%
Enclosed Parking with Elevator	0.21	100%
Other Asphalt Surfaces	0.63	100%
Other Non-Asphalt Surfaces	0.22	0%
City Park	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2024	0.00	100.0	0.03	< 0.005
2025	0.00	100.0	0.03	< 0.005

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
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5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres
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5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres
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5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres
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5.18.2. Sequestration

5.18.2.1. Unmitigated

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

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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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	9.23	annual days of extreme heat
Extreme Precipitation	4.65	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	13.4	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 $\frac{3}{4}$ 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 (2040–2059 average under RCP 8.5), and consider different increments of sea level rise coupled with extreme storm events. Users may select from four model simulations to view the range in potential inundation depth 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 50 meters (m) by 50 m, or about 164 feet (ft) by 164 ft.

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	N/A	N/A	N/A	N/A
Extreme Precipitation	1	0	0	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	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	N/A	N/A	N/A	N/A
Extreme Precipitation	1	1	1	2
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
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	6.38

AQ-PM	20.0
AQ-DPM	91.1
Drinking Water	12.7
Lead Risk Housing	80.0
Pesticides	0.00
Toxic Releases	27.3
Traffic	90.2
Effect Indicators	—
CleanUp Sites	98.8
Groundwater	99.3
Haz Waste Facilities/Generators	97.4
Impaired Water Bodies	0.00
Solid Waste	76.4
Sensitive Population	—
Asthma	10.7
Cardio-vascular	10.9
Low Birth Weights	63.0
Socioeconomic Factor Indicators	—
Education	20.9
Housing	22.7
Linguistic	30.0
Poverty	14.5
Unemployment	29.4

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
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Economic	—
Above Poverty	61.34992942
Employed	98.22918003
Median HI	86.60336199
Education	—
Bachelor's or higher	77.58244578
High school enrollment	1.360195047
Preschool enrollment	29.03888105
Transportation	—
Auto Access	92.6344155
Active commuting	61.09328885
Social	—
2-parent households	85.65379186
Voting	83.98562813
Neighborhood	—
Alcohol availability	20.60823816
Park access	61.24727319
Retail density	91.6078532
Supermarket access	51.81573207
Tree canopy	76.15809059
Housing	—
Homeownership	72.09033748
Housing habitability	74.06646991
Low-inc homeowner severe housing cost burden	63.06942128
Low-inc renter severe housing cost burden	73.97664571
Uncrowded housing	43.11561658
Health Outcomes	—

Insured adults	39.07352752
Arthritis	0.0
Asthma ER Admissions	78.6
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	90.3
Cognitively Disabled	84.2
Physically Disabled	83.0
Heart Attack ER Admissions	84.7
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
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	0.0
SLR Inundation Area	13.2
Children	35.2

Elderly	84.2
English Speaking	56.5
Foreign-born	55.3
Outdoor Workers	36.3
Climate Change Adaptive Capacity	—
Impervious Surface Cover	28.2
Traffic Density	86.3
Traffic Access	87.4
Other Indices	—
Hardship	26.3
Other Decision Support	—
2016 Voting	78.7

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	31.0
Healthy Places Index Score for Project Location (b)	70.0
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
Characteristics: Utility Information	Electricity provider for the City of San Carlos.
Land Use	Based on information provided by the applicant.
Construction: Construction Phases	See the AQ/GHG appendix in the DEIR.
Construction: Off-Road Equipment	See AQ/GHG appendix in the DEIR.
Construction: On-Road Fugitive Dust	Bay Area Air Quality Management District 2022 CEQA Guidelines -- Air Quality Guidelines Appendix D: Using CalEEMod for Bay Area Projects and BAAQMD Best Management Practices for Construction-Related Fugitive Dust Emissions
Construction: Architectural Coatings	Covers parking structure and parking lot only.
Operations: Vehicle Data	Based trip generation data provided by W-Trans.
Operations: Fleet Mix	Normalized based on trip generation info provided by W-Trans.
Operations: Architectural Coatings	Parking lot and parking structure only.
Operations: Water and Waste Water	See assumptions in the AQ/GHG appendix of the DEIR.
Operations: Solid Waste	See AQ/GHG appendix of the DEIR for details.

Energy Calculations

Operation-Related Annual Vehicle Fuel/Energy Usage Summary

Proposed Project

Year	Gas			Diesel			CNG			Electricity		
	VMT	Gallons	Miles/Gal	VMT	Gallons	Miles/Gal	VMT	Gallons	Miles/Gal	VMT	kWh	Miles/kWh
Proposed Project	2,563,666	99,948	25.65	133,803	14,292	9.36	2,875	436	6.59	164,268	59,756	2.75

Notes

* VMT based on trip generation data provided by W-Trans and default CalEEMod Version 2020.4.0 trip distances.

** Fuel consumption rates based on data obtained from EMFAC2021 Web Database, Version 1.0.2. <https://arb.ca.gov/emfac/>

Land Use			
Vehicle type	Fleet percent ¹	V/mi ²	Total
	Hotel	Hotel	
HHD	0.84%	24,015	24,015
LDA	43.90%	1,257,629	1,257,629
LDT1	4.22%	120,951	120,951
LDT2	26.97%	772,574	772,574
LHD1	2.82%	80,884	80,884
LHD2	0.62%	17,759	17,759
MCY	2.30%	65,934	65,934
MDV	15.46%	442,784	442,784
MH	0%	0	0
MHD	2.87%	82,081	82,081
OBUS	0%	0	0
SBUS	0%	0	0
UBUS	0%	0	0
	100.00%	2,864,612	2,864,612

¹ EMFAC2021, v1.0.2² CalEEMod, V2020.4.0

Proposed Conditions ¹				
Vehicle type	Gas percent	Diesel percent	CNG percent	Electricity percent
HHD	0.41%	90.00%	8.91%	0.68%
LDA	88.94%	0.19%	0.00%	10.87%
LDT1	99.18%	0.01%	0.00%	0.81%
LDT2	97.93%	0.37%	0.00%	1.70%
LHD1	66.00%	32.57%	0.00%	1.43%
LHD2	33.24%	65.18%	0.00%	1.58%
MCY	100.00%	0.00%	0.00%	0.00%
MDV	96.27%	1.25%	0.00%	2.48%
MH	67.58%	32.42%	0.00%	0.00%
MHD	20.73%	77.32%	0.89%	1.05%
OBUS	15.27%	83.87%	0.65%	0.21%
SBUS	47.91%	48.93%	2.13%	1.03%
UBUS	12.28%	63.09%	13.29%	11.34%

<< Equal to T7 (<https://www.arb.ca.gov/msei/downloads/emfac2014/emfac2014-vol3-technical-documentation-052015.pdf>)<< Equal to T6 (<https://www.arb.ca.gov/msei/downloads/emfac2014/emfac2014-vol3-technical-documentation-052015.pdf>)<< Motor coach, all other buses, and OBUS (<https://www.arb.ca.gov/msei/downloads/emfac2014/emfac2014-vol3-technical-documentation-052015.pdf>)¹ EMFAC2021, v1.0.2

Proposed Conditions											
Vehicle type	Gasoline			Diesel			CNG			Electricity	
	VMT	mpg	Gallons	VMT	mpg	Gallons	VMT	mpg	Gallons	VMT	m/kWh
HHD	98	3.85	25	21,614	5.42	3,987	2,141	4.91	436	163	0.54
LDA	1,118,545	31.20	35,852	2,354	44.21	53	0	0.00	0	136,729	2.69
LDT1	119,958	26.60	4,511	13	24.39	1	0	0.00	0	980	2.76
LDT2	756,566	26.06	29,027	2,882	34.32	84	0	0.00	0	13,126	2.87
LHD1	53,383	10.27	5,199	26,346	16.26	1,620	0	0.00	0	1,156	1.53
LHD2	5,902	9.11	648	11,576	13.77	841	0	0.00	0	281	1.55
MCY	65,934	42.53	1,550	0	0.00	0	0	0.00	0	0	0.00
MDV	426,262	21.65	19,693	5,551	26.05	213	0	0.00	0	10,973	2.78
MH	0	4.42	0	0	9.35	0	0	0.00	0	0	0.00
MHD	17,019	4.94	3,443	63,467	8.47	7,493	734	7.04	0	861	0.00
OBUS	0	4.99	0	0	8.34	0	0	7.77	0	0	0.00
SBUS	0	10.30	0	0	8.20	0	0	5.60	0	0	0.95
UBUS	0	8.62	0	0	8.30	0	0	6.22	0	0	0.57
	2,563,666		99,948	133,803		14,292	2,875		436	164,268	59,756

Vehicle type	GAS			DSL			NG			ELEC		
	VMT/day	Gallons/day	Miles/gallon	VMT/day	Gallons/day	Miles/gallon	VMT/day	Gallons/day	Miles/gallon	VMT/day	kWh/day	Miles/kWh
All other buses	0	0	0.00	65,844	7,533	8.74	585	75	7.77	0	0	0.00
LDA	7,320,237	234,632	31.20	15,407	349	44.21	0	0	0.00	894,815	332,952	2.69
LD1	724,296	27,234	26.60	76	3	24.39	0	0	0.00	5,918	2,141	2.76
LD2	5,105,177	195,871	26.06	19,447	567	34.32	0	0	0.00	88,574	30,855	2.87
LHD1	405,927	39,534	10.27	200,335	12,320	16.26	0	0	0.00	8,787	5,753	1.53
LHD2	45,031	4,942	9.11	88,315	6,413	13.77	0	0	0.00	2,145	1,384	1.55
MCY	78,703	1,851	42.53	0	0	0.00	0	0	0.00	0	0	0.00
MDV	2,935,201	135,601	21.65	38,223	1,467	26.05	0	0	0.00	75,551	27,224	2.78
MH	8,053	1,822	4.42	3,863	413	9.35	0	0	0.00	0	0	0.00
Motor coach	0	0	0.00	9,461	1,704	5.55	0	0	0.00	0	0	0.00
OBUS	13,715	2,746	4.99	0	0	0.00	0	0	0.00	186	206	0.90
PTO	0	0	0.00	5,226	1,063	4.92	0	0	0.00	47	98	0.48
SBUS	3,680	357	10.30	3,758	458	8.20	164	29	5.60	79	83	0.95
T6	47,613	9,632	4.94	177,558	20,964	8.47	2,054	292	7.04	2,408	2,680	0.90
T7	539	140	3.85	114,335	21,003	5.44	11,843	2,414	4.91	854	1,584	0.54
UBUS	4,190	486	8.62	21,527	2,594	8.30	4,534	730	6.22	3,871	6,747	0.57
Total	16,692,363	654,849	25.49	763,375	76,851	9.93	19,180	3,540	5.42	1,083,234	411,707	2.63

Source: EMFAC2021 (v1.0.2) Emissions Inventory

Region Type: County

Region: San Mateo

Calendar Year: 2025

Season: Annual

Vehicle Classification: EMFAC202x Categories

Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	Population	Total VMT	CVMT	EVMT	Trips	Fuel Consumption	Energy Consumption	
San Mateo	2025	All Other Buses	Aggregate	Aggregate	Diesel	1040.8077	65844.05968	65844.05968		0	9263.188531	7.532879185	0
San Mateo	2025	All Other Buses	Aggregate	Aggregate	Natural Gas	9.184140215	584.7868438	584.7868438		0	81.73884791	0.075279772	0
San Mateo	2025	LDA	Aggregate	Aggregate	Gasoline	238618.0156	7185689.215	7185689.215		0	1119871.966	230.1674627	0
San Mateo	2025	LDA	Aggregate	Aggregate	Diesel	710.583414	15407.46136	15407.46136		0	2980.227477	0.348539837	0
San Mateo	2025	LDA	Aggregate	Aggregate	Electricity	19564.98048	745853.7547		745853.7547	0	96825.51426	0	287961.108
San Mateo	2025	LDA	Aggregate	Aggregate	Plug-in Hybrid	8044.117209	283509.4476	134548.0823	148961.3653	0	33262.42466	4.464823587	44990.77207
San Mateo	2025	LD1	Aggregate	Aggregate	Gasoline	25473.09348	722986.1754	722986.1754		0	116608.1368	27.19037031	0
San Mateo	2025	LD1	Aggregate	Aggregate	Diesel	6.297195674	75.91060561	75.91060561		0	17.66290289	0.003112561	0
San Mateo	2025	LD1	Aggregate	Aggregate	Electricity	114.3012571	4207.979092		4207.979092	0	557.9393722	0	1624.627233
San Mateo	2025	LD1	Aggregate	Aggregate	Plug-in Hybrid	78.6973584	3019.598639	1309.634959	1709.96368	0	235.413577	0.04365314	516.4599965
San Mateo	2025	LD2	Aggregate	Aggregate	Gasoline	159673.5604	5072144.161	5072144.161		0	766397.1666	194.764239	0
San Mateo	2025	LD2	Aggregate	Aggregate	Diesel	618.927636	19447.23923	19447.23923		0	2972.356105	0.566638403	0
San Mateo	2025	LD2	Aggregate	Aggregate	Electricity	1700.502052	48819.40297		48819.40297	0	8654.221885	0	18848.31883
San Mateo	2025	LD2	Aggregate	Aggregate	Plug-in Hybrid	1989.466385	72787.25781	33032.95112	39754.30669	0	8226.443501	1.106976395	12006.98549
San Mateo	2025	LHD1	Aggregate	Aggregate	Gasoline	11613.81544	405927.2357	405927.2357		0	173028.5455	39.53365219	0
San Mateo	2025	LHD1	Aggregate	Aggregate	Diesel	5396.711247	200335.3424	200335.3424		0	67883.83842	12.3208971	0
San Mateo	2025	LHD1	Aggregate	Aggregate	Electricity	157.5841429	8786.545918		8786.545918	0	2203.77465	0	5753.375069
San Mateo	2025	LHD2	Aggregate	Aggregate	Gasoline	1342.428797	45031.49712		45031.49712	0	20000.18886	4.942436869	0
San Mateo	2025	LHD2	Aggregate	Aggregate	Diesel	2386.5916	88314.96693	88314.96693		0	30020.32	6.413096055	0
San Mateo	2025	LHD2	Aggregate	Aggregate	Electricity	40.48817067	2145.223609		2145.223609	0	536.9130925	0	1383.681892
San Mateo	2025	MCY	Aggregate	Aggregate	Gasoline	13994.77616	78703.41705		78703.41705	0	27989.55232	1.850753134	0
San Mateo	2025	MDV	Aggregate	Aggregate	Gasoline	89810.74471	2915872.313	2915872.313		0	429459.6994	134.9452377	0
San Mateo	2025	MDV	Aggregate	Aggregate	Diesel	1216.212956	38222.5519	38222.5519		0	5783.755573	1.467189141	0
San Mateo	2025	MDV	Aggregate	Aggregate	Electricity	1824.96966	52408.32384		52408.32384	0	9288.746363	0	20233.93849
San Mateo	2025	MDV	Aggregate	Aggregate	Plug-in Hybrid	1131.123972	42471.44363	19328.4067	23143.03693	0	4677.197622	0.655594945	6989.886925
San Mateo	2025	MH	Aggregate	Aggregate	Gasoline	830.540792	8053.176778	8053.176778		0	38.08729252	1.820252821	0
San Mateo	2025	MH	Aggregate	Aggregate	Diesel	384.5124606	3863.222216	3863.222216		0	38.45124606	0.413181561	0
San Mateo	2025	Motor Coach	Aggregate	Aggregate	Diesel	70.7687627	9461.069488	9461.069488		0	1626.266167	1.704157475	0
San Mateo	2025	OBUS	Aggregate	Aggregate	Gasoline	252.7220053	1715.01944	1371.501944		0	5056.461881	2.746270321	0
San Mateo	2025	OBUS	Aggregate	Aggregate	Electricity	2.143948864	185.5535584		185.5535584	42.89612887	0	205.5649516	0
San Mateo	2025	PTO	Aggregate	Aggregate	Diesel	0	5225.78065	5225.78065		0	0	1.062762653	0
San Mateo	2025	PTO	Aggregate	Aggregate	Electricity	0	47.15436847		47.15436847	0	0	0	97.68115928
San Mateo	2025	SBUS	Aggregate	Aggregate	Gasoline	71.37135106	3679.781406	3679.781406		0	285.4854042	0.357303751	0
San Mateo	2025	SBUS	Aggregate	Aggregate	Diesel	168.9397086	3758.239997	3758.239997		0	2446.246981	0.458490745	0
San Mateo	2025	SBUS	Aggregate	Aggregate	Electricity	1.984894066	78.89105226		78.89105226	0	17.79859501	0	83.10822001
San Mateo	2025	SBUS	Aggregate	Aggregate	Natural Gas	6.55279461	163.6294666	163.6294666		0	94.88453619	0.029218589	0
San Mateo	2025	T6 CAIRP Class 4	Aggregate	Aggregate	Diesel	2.003877095	130.4859608	130.4859608		0	46.04909564	0.014510315	0
San Mateo	2025	T6 CAIRP Class 4	Aggregate	Aggregate	Electricity	0.024356646	1.914994938		1.914994938	0.559715717	0	2.08022745	0
San Mateo	2025	T6 CAIRP Class 5	Aggregate	Aggregate	Diesel	2.654036342	179.2922033	179.2922033		0	60.98975514	0.019947866	0
San Mateo	2025	T6 CAIRP Class 5	Aggregate	Aggregate	Electricity	0.028151688	2.338099023		2.338099023	0.646925788	0	2.539838446	0
San Mateo	2025	T6 CAIRP Class 6	Aggregate	Aggregate	Diesel	8.952440073	465.37636	465.37636		0	205.7270729	0.050977147	0
San Mateo	2025	T6 CAIRP Class 6	Aggregate	Aggregate	Electricity	0.159149258	9.228816692		9.228816692	3.657249952	0	10.02511152	0
San Mateo	2025	T6 CAIRP Class 7	Aggregate	Aggregate	Diesel	14.76915394	2948.837643		2948.837643	0	339.3951575	0.300366912	0
San Mateo	2025	T6 CAIRP Class 7	Aggregate	Aggregate	Electricity	0.134084983	18.12591612		28.12591612	3.081272905	0	30.55271928	0
San Mateo	2025	T6 Instate Delivery Class 4	Aggregate	Aggregate	Diesel	369.1320373	12364.52256	12364.52256		0	5267.514173	1.502211222	0
San Mateo	2025	T6 Instate Delivery Class 4	Aggregate	Aggregate	Electricity	3.001468811	122.4721858		122.4721858	42.83095993	0	130.8344739	0
San Mateo	2025	T6 Instate Delivery Class 4	Aggregate	Aggregate	Natural Gas	1.667638074	63.73693569	63.73693569		0	23.79719531	0.009386172	0
San Mateo	2025	T6 Instate Delivery Class 5	Aggregate	Aggregate	Diesel	298.7234664	10109.26401	10109.26401		0	4262.783866	1.225903906	0
San Mateo	2025	T6 Instate Delivery Class 5	Aggregate	Aggregate	Electricity	1.964085256	79.67730943		79.67730943	28.02749661	0	85.11760273	0
San Mateo	2025	T6 Instate Delivery Class 5	Aggregate	Aggregate	Natural Gas	1.117425154	41.88355474	41.88355474		0	15.94565694	0.006127966	0
San Mateo	2025	T6 Instate Delivery Class 6	Aggregate	Aggregate	Diesel	623.3187412	20961.18077	20961.18077		0	8894.758437	2.535656757	0
San Mateo	2025	T6 Instate Delivery Class 6	Aggregate	Aggregate	Electricity	4.46366115	180.7077267		180.7077267	63.69651546	0	193.0462839	0
San Mateo	2025	T6 Instate Delivery Class 6	Aggregate	Aggregate	Natural Gas	2.349234828	89.45009888	89.45009888		0	33.523581	0.013107221	0
San Mateo	2025	T6 Instate Delivery Class 7	Aggregate	Aggregate	Diesel	151.3727757	8264.289081	8264.289081		0	2160.089509	0.974722227	0
San Mateo	2025	T6 Instate Delivery Class 7	Aggregate	Aggregate	Electricity	0.508269875	24.50715508		24.50715508	7.25301112	0	26.18048106	0
San Mateo	2025	T6 Instate Delivery Class 7	Aggregate	Aggregate	Natural Gas	3.662212447	205.0947695	205.0947695		0	52.25977162	0.029981649	0
San Mateo	2025	T6 Instate Other Class 4	Aggregate	Aggregate	Diesel	416.8784784	16965.32001	16965.32001		0	4819.11521	1.97752927	0
San Mateo	2025	T6 Instate Other Class 4	Aggregate	Aggregate	Electricity	3.421219274	159.4974179		159.4974179	39.5429481	0	169.0801961	0
San Mateo	2025	T6 Instate Other Class 4	Aggregate	Aggregate	Natural Gas	1.617942688	75.28484537	75.28484537		0	18.70341747	0.00984102	0
San Mateo	2025	T6 Instate Other Class 5	Aggregate	Aggregate	Diesel	1019.305927	43794.01901	43794.01901		0	11783.17652	5.139985966	0
San Mateo	2025	T6 Instate Other Class 5	Aggregate	Aggregate	Electricity	6.465215909	301.3754372		301.3754372	74.73789591	0	319.4824009	0
San Mateo	2025	T6 Instate Other Class 5	Aggregate	Aggregate	Natural Gas	3.31184479	150.6639629	150.6639629		0	38.28076417	0.019392948	0
San Mateo	2025	T6 Instate Other Class 6	Aggregate	Aggregate	Diesel	654.034459	27611.46946	27611.46946		0	7560.638346	3.223101596	0
San Mateo	2025	T6 Instate Other Class 6	Aggregate	Aggregate	Electricity	4.923588924	230.7608663		230.7608663	56.91668796	0	244.6252299	0
San Mateo	2025	T6 Instate Other Class 6	Aggregate	Aggregate	Natural Gas	2.163987515	98.22711448	98.22711448		0	2501.569567	0.01266258	0
San Mateo	2025	T6 Instate Other Class 7	Aggregate	Aggregate	Diesel	283.7422774	12927.75181	12927.75181		0	3280.060727	1.477658497	0
San Mateo	2025	T6 Instate Other Class 7	Aggregate	Aggregate	Electricity	1.537916743	106.3729401		106.3729401	17.77831755	0	112.7639419	0
San Mateo	2025	T6 Instate Other Class 7	Aggregate	Aggregate	Natural Gas	6.55531519	322.0737754	322.0737754		0	75.77944324	0.041594186	0
San Mateo	2025	T6 Instate Tractor Class 6	Aggregate	Aggregate	Diesel	10.13467751	539.6263022	539.6263022		0	117.156872	0.064019679	0
San Mateo	2025	T6 Instate Tractor Class 6	Aggregate	Aggregate	Electricity	0.075355334	4.909706858		4.909706858	0.871107657	0	5.204867381	0
San Mateo	2025	T6 Instate Tractor Class 6	Aggregate	Aggregate	Natural Gas	0.02688816	1.694023916	1.694023916		0	0.329099518	0.000208467	0
San Mateo	2025	T6 Instate Tractor Class 7	Aggregate	Aggregate	Diesel	66.10946604	3799.922963	3799.922963		0	764.2254275	0.0410838516	0
San Mateo	2025	T6 Instate Tractor Class 7	Aggregate	Aggregate	Electricity	0.0202670826	14.71495974		14.71495974	23.24874747	0	15.59905051	0
San Mateo	2025	T6 Instate Tractor Class 7	Aggregate	Aggregate	Natural Gas	1.141295304	71.18913069	71.18913069		0	13.19373772	0.009002432	0
San Mateo	2025	T6 OOS Class 4	Aggregate	Aggregate	Diesel	1.144301481	74.04664904	74.04664904		0	26.29604802	0.008138608	0
San Mateo	2025	T6 OOS Class 5	Aggregate	Aggregate	Diesel	1.508231121	101.5786871	101.5786871		0	34.65915115	0.01118519	0
San Mateo	2025	T6 OOS Class 6	Aggregate	Aggregate	Diesel	5.123932276	265.4280157	265.4280157		0	117.7479637	0.028635054	0
San Mateo	2025	T6 OOS Class 7	Aggregate	Aggregate	Diesel	7.767155493	1929.991731	1929.991731		0	178.4892332	0.194933302	0
San Mateo	2025	T6 Public Class 4	Aggregate	Aggregate	Diesel	33.75322843	1157.332044	1157.332044		0	173.1540619	0.151338618	0
San Mateo	2025	T6 Public Class 4	Aggregate	Aggregate	Electricity	0.341576374	14.73327454		14.73327454	1.752286797	0	17.39853212	0
San Mateo	2025	T6 Public Class 4	Aggregate	Aggregate	Natural Gas	1.326450993	55.6165902	55.6165902		0	6.804693595	0.008365911	0
San Mateo	2025	T6 Public Class 5	Aggregate	Aggregate	Diesel	105.4894963	375.418734	385.914573		0	54.1167858	0.041328063	0
San Mateo	2025	T6 Public Class 5	Aggregate	Aggregate	Electricity	0.876216732	37.6569447		37.6569447	44.44991835	0	44.44991835	0
San Mateo	2025	T6 Public Class 5	Aggregate	Aggregate	Natural Gas	8.567226273	348.4917906	348.4917906		0	43.94978078	0.053515091	0
San Mateo	2025	T6 Public Class 6	Aggregate	Aggregate	Diesel	66.9526361	2320.41664	2320.					

San Mateo	2025 T6 Public Class 7	Aggregate	Aggregate	Natural Gas	7.882203597	404.9312002	404.9312002	0	40.43570445	0.060057783	0
San Mateo	2025 T6 Utility Class 5	Aggregate	Aggregate	Diesel	8.294605107	335.5663812	335.5663812	0	106.1709454	0.037767494	0
San Mateo	2025 T6 Utility Class 5	Aggregate	Aggregate	Electricity	0.14480872	6.292940703	0	6.292940703	1.85355161	0	7.048492483
San Mateo	2025 T6 Utility Class 5	Aggregate	Aggregate	Natural Gas	0.103816712	4.031474773	4.031474773	0	1.328853918	0.000547552	0
San Mateo	2025 T6 Utility Class 6	Aggregate	Aggregate	Diesel	1.573247411	63.36584323	63.36584323	0	20.13756686	0.007107166	0
San Mateo	2025 T6 Utility Class 6	Aggregate	Aggregate	Electricity	0.027559276	1.197667532	0	1.197667532	0.352758737	0	1.341463553
San Mateo	2025 T6 Utility Class 6	Aggregate	Aggregate	Natural Gas	0.020599173	0.802848017	0.802848017	0	0.263669418	0.000108437	0
San Mateo	2025 T6 Utility Class 7	Aggregate	Aggregate	Diesel	1.774535015	87.63463766	87.63463766	0	22.7140482	0.009762134	0
San Mateo	2025 T6 Utility Class 7	Aggregate	Aggregate	Electricity	0.031169532	1.921961607	0	1.921961607	0.398970008	0	2.152718829
San Mateo	2025 T6 Utility Class 7	Aggregate	Aggregate	Natural Gas	0.032295556	1.389719043	1.389719043	0	0.413383118	0.000187167	0
San Mateo	2025 T6T5	Aggregate	Aggregate	Gasoline	825.6426507	47612.5764	47612.5764	0	16519.45816	9.632361865	0
San Mateo	2025 T6T5	Aggregate	Aggregate	Electricity	11.09506799	961.042555	0	961.042555	221.9901204	0	1120.998493
San Mateo	2025 T7 CAIRP Class 8	Aggregate	Aggregate	Diesel	85.72371699	17218.77993	17218.77993	0	1969.931016	2.780455183	0
San Mateo	2025 T7 CAIRP Class 8	Aggregate	Aggregate	Electricity	1.029342449	200.556448	0	200.556448	23.65428947	0	366.2012482
San Mateo	2025 T7 CAIRP Class 8	Aggregate	Aggregate	Natural Gas	0.20030591	40.19751559	40.19751559	0	4.603029823	0.007104561	0
San Mateo	2025 T7 NNOOS Class 8	Aggregate	Aggregate	Diesel	77.40668477	20729.86847	20729.86847	0	1778.805616	3.253888898	0
San Mateo	2025 T7 NNOOS Class 8	Aggregate	Aggregate	Diesel	32.77989272	7532.550421	7532.550421	0	753.2819347	1.211260748	0
San Mateo	2025 T7 Other Port Class 8	Aggregate	Aggregate	Diesel	9.05644488	1681.425025	1681.425025	0	148.1634318	0.281179738	0
San Mateo	2025 T7 Other Port Class 8	Aggregate	Aggregate	Electricity	0.037139323	8.837079872	0	8.837079872	0.607599318	0	16.08319584
San Mateo	2025 T7 POAK Class 8	Aggregate	Aggregate	Diesel	57.3446348	5708.565925	5708.565925	0	938.1582253	0.97395879	0
San Mateo	2025 T7 POAK Class 8	Aggregate	Aggregate	Electricity	0.303490253	26.45065172	0	26.45065172	4.965100533	0	48.13931954
San Mateo	2025 T7 POAK Class 8	Aggregate	Aggregate	Natural Gas	0.033968515	3.313895527	3.313895527	0	0.555724912	0.000578103	0
San Mateo	2025 T7 Public Class 8	Aggregate	Aggregate	Diesel	333.0153862	14449.86118	14449.86118	0	1708.368931	2.736873884	0
San Mateo	2025 T7 Public Class 8	Aggregate	Aggregate	Electricity	2.412920398	153.4659998	0	153.4659998	12.37828164	0	301.189695
San Mateo	2025 T7 Public Class 8	Aggregate	Aggregate	Natural Gas	1.687422911	81.28204728	81.28204728	0	8.656479534	0.017532655	0
San Mateo	2025 T7 Single Concrete/Transit Mix Cl	Aggregate	Aggregate	Diesel	48.78002678	3418.143462	3418.143462	0	459.5078523	0.570560628	0
San Mateo	2025 T7 Single Concrete/Transit Mix Cl	Aggregate	Aggregate	Electricity	0.859347171	68.12031453	0	68.12031453	8.095050351	0	124.1938357
San Mateo	2025 T7 Single Dump Class 8	Aggregate	Aggregate	Natural Gas	2.91250752	207.748401	207.748401	0	27.43582084	0.03514837	0
San Mateo	2025 T7 Single Dump Class 8	Aggregate	Aggregate	Diesel	179.2047138	10422.83531	10422.83531	0	1688.108404	1.796572706	0
San Mateo	2025 T7 Single Dump Class 8	Aggregate	Aggregate	Electricity	1.288763108	101.2247659	0	101.2247659	12.14014847	0	184.5483544
San Mateo	2025 T7 Single Dump Class 8	Aggregate	Aggregate	Natural Gas	9.499426473	578.0396062	578.0396062	0	89.48459738	0.105677063	0
San Mateo	2025 T7 Single Other Class 8	Aggregate	Aggregate	Diesel	185.6544659	10944.80091	10944.80091	0	1748.865069	1.872559931	0
San Mateo	2025 T7 Single Other Class 8	Aggregate	Aggregate	Electricity	0.851976526	68.13374461	0	68.13374461	8.025618872	0	124.2183209
San Mateo	2025 T7 Single Other Class 8	Aggregate	Aggregate	Natural Gas	12.00587264	746.5082107	746.5082107	0	113.0953203	0.13393807	0
San Mateo	2025 T7 SWCV Class 8	Aggregate	Aggregate	Diesel	121.065957	7853.609244	7853.609244	0	556.9034021	3.187332907	0
San Mateo	2025 T7 SWCV Class 8	Aggregate	Aggregate	Electricity	2.081840498	132.5524998	0	132.5524998	9.576466291	0	246.6206469
San Mateo	2025 T7 SWCV Class 8	Aggregate	Aggregate	Natural Gas	129.3531447	8372.301938	8372.301938	0	595.0244658	1.789563688	0
San Mateo	2025 T7 Tractor Class 8	Aggregate	Aggregate	Diesel	192.2387457	14103.55303	14103.55303	0	2793.228975	2.292304276	0
San Mateo	2025 T7 Tractor Class 8	Aggregate	Aggregate	Electricity	1.114566843	89.5405085	0	89.5405085	16.19465623	0	163.0272813
San Mateo	2025 T7 Tractor Class 8	Aggregate	Aggregate	Natural Gas	24.86229998	1813.264056	1813.264056	0	361.2492188	0.324571533	0
San Mateo	2025 T7 Utility Class 8	Aggregate	Aggregate	Diesel	6.139513724	270.9104505	270.9104505	0	78.58577567	0.046469367	0
San Mateo	2025 T7 Utility Class 8	Aggregate	Aggregate	Electricity	0.034492744	2.209200345	0	2.209200345	0.441507118	0	4.159478617
San Mateo	2025 T7T5	Aggregate	Aggregate	Gasoline	4.335983662	539.4433859	539.4433859	0	86.75436111	0.139960652	0
San Mateo	2025 T7T5	Aggregate	Aggregate	Electricity	0.009958784	2.756575802	0	2.756575802	0.199255342	0	5.538881144
San Mateo	2025 UBUS	Aggregate	Aggregate	Gasoline	61.62556829	4190.343901	4190.343901	0	246.5022732	0.485935879	0
San Mateo	2025 UBUS	Aggregate	Aggregate	Diesel	278.2185493	21526.82546	21526.82546	0	1112.874197	2.593709261	0
San Mateo	2025 UBUS	Aggregate	Aggregate	Electricity	37.31747983	3870.538449	3870.538449	0	149.2699193	0	6747.293388
San Mateo	2025 UBUS	Aggregate	Aggregate	Natural Gas	65.51540147	4534.391341	4534.391341	0	262.0616059	0.729524748	0

Construction Health Risk Assessment

1. Construction Health Risk Assessment

1.1 INTRODUCTION

Holly Hotel Group (the project applicant) proposes the development of a 188-room hotel (proposed project) in the City of San Carlos, San Mateo County, California. The approximately 2.09-acre proposed project site is currently developed with three vacant commercial buildings. The project site is bounded by the US Highway 101 southbound onramp to the north, commercial buildings and a hotel to the east and south, Industrial Road to the southwest, and Holly Street to the northwest. The project site is surrounded by commercial uses to the north, commercial uses and the San Carlos Airport to the east across Highway 101, and commercial and residential uses to the south and west. The following provides the background methodology used for the construction health risk assessment for the proposed project.

The latest version of the Bay Area Air Quality Management District (BAAQMD) CEQA Air Quality Guidelines requires projects to evaluate the impacts of construction activities on sensitive receptors (BAAQMD, 2022). Project construction is anticipated to take place starting in June 2024 and be completed by December 2025 (approximately 400 workdays or 1.53 years). The nearest receptors to the project site include the single-family residences to the south and west across Industrial Road and employees at the Residence Inn and another commercial business adjacent to the southeast. As a result, a site-specific construction health risk assessment (HRA) has been prepared for the proposed project. This HRA considers the health impact to nearby receptors (i.e., residents and workers) from construction emissions at the project site, including diesel equipment exhaust (diesel particulate matter or DPM) and particulate matter less than 2.5 microns (PM_{2.5}).

1.2 METHODOLOGY AND SIGNIFICANCE THRESHOLDS

For this HRA, the BAAQMD significance thresholds were deemed to be appropriate and the thresholds that were used for this project are shown below:

- Excess cancer risk of more than 10 in a million
- Non-cancer hazard index (chronic or acute) greater than 1.0
- Incremental increase in average annual PM_{2.5} concentration of greater than 0.3 µg/m³

The methodology used in this HRA is consistent with the following BAAQMD and the Office of Environmental Health Hazard Assessment (OEHHA) guidance documents:

- BAAQMD, 2022. *California Environmental Quality Act (CEQA) Air Quality Guidelines*. April 2023.
- BAAQMD, 2016. *Planning Healthy Places*. May 2016.
- OEHHA. 2015. *Air Toxics Hot Spots Program Guidance Manual for the Preparation of Health Risk Assessments*. February 2015.

Potential exposures to DPM and PM_{2.5} from proposed project construction were evaluated for off-site receptors in close proximity to the site. Pollutant concentrations were estimated using an air dispersion model, and excess lifetime cancer risks and chronic non-cancer hazard indexes were calculated. These risks were then compared to the significance thresholds adopted for this HRA.

It should be noted that these health impacts are based on conservative (i.e., health protective) assumptions. The United States Environmental Protection Agency (USEPA, 2005) and OEHHA note that conservative assumptions used in a risk assessment are intended to ensure that the estimated risks do not underestimate the actual risks. Therefore, the estimated risks may not necessarily represent actual risks experienced by populations at or near a site. The use of conservative assumptions tends to produce upper-bound estimates of exposure and thus risk.

For residential-based receptors, the following conservative assumptions were used:

- It was assumed that maximum-exposed residential receptors (both children and adults) stood outdoors and are subject to DPM at their residence for 8 hours per day, and approximately 260 construction days per year. In reality, California residents typically will spend on average 2 hours per day outdoors at their residences (USEPA, 2011), so actual exposures and risks would be significantly lower than those calculated in this HRA.
- The calculated risk for infants from third trimester to age 2 is multiplied by a factor of 10 and for children age 2 to age 16 is multiplied by a factor of 3 to account for early life exposure and uncertainty in child versus adult exposure impacts (OEHHA, 2015).

For workers, the following conservative assumptions were used:

- It was assumed that maximum exposed worker receptors stood outside and are subject to DPM for 8 hours per weekday and approximately 260 construction days per year.

1.3 CONSTRUCTION EMISSIONS

Construction emissions were calculated as average daily emissions in pounds per day, using the proposed construction schedule and the latest version of California Emissions Estimation Model, known as CalEEMod Version 2022.1. DPM emissions were based on the CalEEMod construction runs, using annual exhaust PM₁₀ construction emissions presented in pounds (lbs) per day. The PM_{2.5} emissions were taken from the CalEEMod output for total PM_{2.5} also presented in lbs per day (exhaust and fugitive dust).

The project was assumed to take place over approximately 18 months (approximately 400 workdays) from June 2024 to December 2025. The average daily emission rates from construction equipment used during the proposed project were determined by dividing the annual average emissions for each construction year by the number of construction days in that particular calendar year (i.e., 2024 and 2025). The off-site hauling emission rates were adjusted to evaluate localized emissions from the 0.88-mile haul route within 1,000 feet of the project site. The CalEEMod construction emissions output and emission rate calculations are provided in Appendix A of the HRA.

1.4 DISPERSION MODELING

Air quality modeling was performed using the AERMOD atmospheric dispersion model to assess the impact of emitted compounds on sensitive receptors near the project. The model is a steady state Gaussian plume model and is an approved model by BAAQMD for estimating ground level impacts from point and fugitive sources in simple and complex terrain. The on-site construction emissions for the project were modeled as poly-area sources. The off-site mobile sources were modeled as adjacent line volume sources. The model requires additional input parameters, including chemical emission data and local meteorology. Inputs for the construction emission rates are those described in Section 1.3. Meteorological data obtained from the California Air Resources Control Board (CARB) for the nearest representative meteorological station (San Carlos Airport) with the five latest available years (2012 to 2015 and 2017) of record were used to represent local weather conditions and prevailing winds (CARB, 2022).

The modeling analysis also considered the spatial distribution and elevation of each emitting source in relation to the sensitive receptors. To accommodate the model's Cartesian grid format, direction-dependent calculations were obtained by identifying the Universal Transverse Mercator (UTM) coordinates for each source location. In addition, digital elevation model (DEM) data for the area were obtained and included in the model runs to account for complex terrain. An emission release height of 4.15 meters was used as representative of the stack exhaust height for off-road construction equipment and diesel truck traffic (CARB, 2000). A ground-level release height was used to represent fugitive dust emissions from off-road equipment and haul trucks.

To determine contaminant impacts during construction hours, the model's Season-Hour-Day (HRDOW) scalar option was invoked to predict flagpole-level concentrations (1.5 m for ground floor receptors) for construction emissions generated between the hours of 7:00 AM and 4:00 PM with a 1-hour lunch break.

A unit emission rate of 1 gram per second was used for all modeling runs. The unit emission rates were proportioned over the poly-area sources for on-site construction emissions and divided between the volume sources for off-site hauling emissions. The maximum modeled concentrations from the output files were then multiplied by the emission rates calculated in Appendix A to obtain the maximum flagpole-level concentrations at the off-site maximum exposed individual receptor (MEIR) and maximum exposed individual worker (MEIW). The air dispersion modeling predicted the off-site MEIR is a single-family residence southwest of the site across Industrial Road.¹ The predicted MEIW is the commercial facility immediately southeast of the project site at 551 Industrial Road.

The receptor locations are presented in Figure 1. The air dispersion model output is presented in Appendix B. The DPM and PM_{2.5} concentrations at the MEIR and MEIW are provided in Appendix C.

¹ The MEIR or MEIW location is the receptor location associated with the maximum predicted AERMOD concentrations from off-road equipment (i.e., on-site emissions). The calculated on-site emission rates are approximately 2 to 3 orders of magnitude higher than the calculated off-site (hauling) emission rates (see Appendix A). Therefore, the maximum concentrations associated with the on-site emission sources produce the highest overall ground-level MEIR concentrations and, consequently, highest calculated health risks.

1.5 RISK CHARACTERIZATION

1.5.1 Carcinogenic Chemical Risk

A threshold of ten in a million (10×10^{-6}) has been established as a level posing no significant risk for exposures to carcinogens. Health risks associated with exposure to carcinogenic compounds can be defined in terms of the probability of developing cancer as a result of exposure to a chemical at a given concentration. The cancer risk probability is determined by multiplying the chemical's annual concentration by its cancer potency factor (CPF), a measure of the carcinogenic potential of a chemical when a dose is received through the inhalation pathway. It is an upper-limit estimate of the probability of contracting cancer as a result of continuous exposure to an ambient concentration of one microgram per cubic meter ($\mu\text{g}/\text{m}^3$) over a lifetime of 70 years.

Recent guidance from OEHHA recommends a refinement to the standard point estimate approach with the use of age-specific breathing rates and age sensitivity factors (ASFs) to assess risk for susceptible subpopulations such as children. For the inhalation pathway, the procedure requires the incorporation of several discrete variates to effectively quantify dose for each age group. Once determined, contaminant dose is multiplied by the cancer potency factor in units of inverse dose expressed in milligrams per kilogram per day ($\text{mg}/\text{kg}/\text{day}$)⁻¹ to derive the cancer risk estimate. Therefore, to accommodate the unique exposures associated with the sensitive receptors, the following dose algorithm was used.

$$\text{Dose}_{\text{AIR, per age group}} = (C_{\text{air}} \times \text{EF} \times [\frac{\text{BR}}{\text{BW}}] \times A \times \text{CF})$$

Where:

Dose_{AIR}	=	dose by inhalation ($\text{mg}/\text{kg}/\text{day}$), per age group
C_{air}	=	concentration of contaminant in air ($\mu\text{g}/\text{m}^3$)
EF	=	exposure frequency (number of days/365 days)
BR/BW	=	daily breathing rate normalized to body weight ($\text{L}/\text{kg}/\text{day}$)
A	=	inhalation absorption factor (default = 1)
CF	=	conversion factor (1×10^{-6} , μg to mg , L to m^3)

The inhalation absorption factor (A) is a unitless factor that is only used if the cancer potency factor included a correction for absorption across the lung. The default value of 1 was used for this assessment. For residential receptors, the exposure frequency (EF) of 0.96 is used to represent 350 days per year to allow for a two-week period away from home each year (OEHHA, 2015).

For construction analysis, the exposure duration spans the length of construction (e.g., 399 workdays, approximately 1.53 years). As the length of construction is shorter than 2.25 years, the third trimester and 0-2 age bins apply to the construction analysis for the off-site residential receptors. For residential receptors, the 95th percentile daily breathing rates (BR/BW), exposure duration (ED), age sensitivity factors (ASFs), and fraction of time at home (FAH) for the various age groups are provided herein:

<u>Age Groups</u>	<u>BR/BW (L/kg-day)</u>	<u>ED</u>	<u>ASF</u>	<u>FAH</u>
Third trimester	361	0.25	10	0.85
0-2 age group	1,090	2	10	0.85
16-70 age group	230	25	1	n/a

To calculate the overall cancer risk, the risk for each appropriate age group is calculated per the following equation:

$$\text{Cancer Risk}_{\text{AIR}} = \text{Dose}_{\text{AIR}} \times \text{CPF} \times \text{ASF} \times \text{FAH} \times \frac{\text{ED}}{\text{AT}}$$

Where:

Dose _{AIR}	=	dose by inhalation (mg/kg-day), per age group
CPF	=	cancer potency factor, chemical-specific (mg/kg-day) ⁻¹
ASF	=	age sensitivity factor, per age group
FAH	=	fraction of time at home, per age group (for residential receptors only)
ED	=	exposure duration (years)
AT	=	averaging time period over which exposure duration is averaged (70 years)

The CPFs used in the assessment were obtained from OEHHA guidance. The excess lifetime cancer risks during the construction period to the maximally exposed resident were calculated based on the factors provided above. The cancer risks for each age group are summed to estimate the total cancer risk for each toxic chemical species. The final step converts the cancer risk in scientific notation to a whole number that expresses the cancer risk in “chances per million” by multiplying the cancer risk by a factor of 1x10⁶ (i.e., 1 million). The calculated results are provided in Appendix C.

1.5.2 Non-Carcinogenic Hazards

An evaluation was also conducted of the potential non-cancer effects of chronic chemical exposures. Adverse health effects are evaluated by comparing the annual receptor level (flagpole) concentration of each chemical compound with the appropriate reference exposure limit (REL). Available RELs promulgated by OEHHA were considered in the assessment.

The hazard index approach was used to quantify non-carcinogenic impacts. The hazard index assumes that chronic sub-threshold exposures adversely affect a specific organ or organ system (toxicological endpoint). Target organs presented in regulatory guidance were used for each discrete chemical exposure. To calculate the hazard index, each chemical concentration or dose is divided by the appropriate toxicity value. This ratio is summed for compounds affecting the same toxicological endpoint. A health hazard is presumed to exist where the total equals or exceeds one.

The chronic hazard analysis for DPM is provided in Appendix C. The calculations contain the relevant exposure concentrations and corresponding reference dose values used in the evaluation of non-carcinogenic exposures.

1.5.3 Criteria Pollutants

The BAAQMD has recently incorporated PM_{2.5} into the District's CEQA significance thresholds due to recent studies that show adverse health impacts from exposure to this pollutant. An incremental increase of greater than 0.3 µg/m³ for the annual average PM_{2.5} concentration is considered to be a significant impact.

1.6 CONSTRUCTION HRA RESULTS

The calculated results are provided in Appendix C and the results are summarized in Table 1.

TABLE 1. CONSTRUCTION RISK SUMMARY - UNMITIGATED

Receptor	Cancer Risk (per million)	Chronic Hazards	PM _{2.5} (µg/m ³)
Maximum Exposed Individual Resident (MEIR)	24.0	0.05	0.17
Maximum Exposed Individual Worker (MEIW)	0.9	0.10	0.35
BAAQMD Threshold	10	1.0	0.30
Exceeds Threshold?	Yes	No	Yes

Note: Cancer risk calculated using 2015 OEHHA HRA guidance.

Cancer risk for the MEIR from project-related construction emissions was calculated to be 24 in a million, which would exceed the 10 in a million significance threshold. In accordance with the latest 2015 OEHHA guidance, the calculated total cancer risk conservatively assumes that the risk for the MEIR consists of a pregnant woman in the third trimester that subsequently gives birth to an infant during the approximately 1.53-year construction period; therefore, calculated risk values for the 1.53 years were multiplied by a factor of 10. In addition, it was conservatively assumed that the residents were outdoors 8 hours a day and exposed to all of the daily construction emissions.

Cancer risk for the maximum exposed individual worker (MEIW), which would be the workers at the building in the adjacent lot southeast of the project site, from unmitigated construction activities related to the project were calculated to be 0.9 in a million and would not exceed the 10 in a million significance threshold.

For non-carcinogenic effects, the chronic hazard index identified for each toxicological endpoint totaled less than one for both the MEIR and the MEIW. Therefore, chronic non-carcinogenic hazards are less than significant. The highest PM_{2.5} annual concentration of 0.26 µg/m³ at the MEIR would not exceed the 0.3 µg/m³ significance threshold. However, the highest PM_{2.5} annual concentration of 0.35 µg/m³ at the MEIW would exceed the 0.3 µg/m³ significance threshold.

Because cancer risk at the MEIR and the PM_{2.5} concentrations at the MEIW would exceed BAAQMD significance thresholds due to construction activities associated with the proposed project, the following mitigation measure is proposed:

Mitigation Measure AQ-3: Construction contractors shall use United States Environmental Protection Agency Tier 4 Interim equipment for all off-road, diesel-powered construction equipment

of greater than 50 horsepower (HP) that are in use over 20 hours and Tier 4 Final equipment for all off-road, diesel-powered equipment of 50 or less HP that are in use over 20 hours, unless it can be demonstrated to the City of San Carlos Building Division that such equipment is not commercially available. For purposes of this mitigation measure, “commercially available” shall mean the availability of Tier 4 Interim and Tier 4 Final engines similar to the availability for other large-scale construction projects in the city occurring at the same time and taking into consideration factors such as (i) potential significant delays to critical-path timing of construction and (ii) geographic proximity to the project site of Tier 4 Interim and Tier 4 Final equipment. Where such equipment is not commercially available, as demonstrated by the construction contractor, Tier 3 equipment retrofitted with a California Air Resources Board’s Level 3 Verified Diesel Emissions Control Strategy (VDECS) shall be used. Furthermore, all diesel generators, if used, shall be fitted with a Level 3 diesel particulate filter (DPF). The requirement to use Tier 4 Interim and Tier 4 Final equipment for all off-road, diesel-powered construction equipment in use over 20 hours, and the requirement for diesel-powered generators fitted with Level 3 DPF shall be identified in construction bids. In addition, the following shall also be completed:

- Requirements for off-road equipment:
 - Prior to construction, the project engineer shall ensure that all demolition and grading plans clearly show the requirement for United States Environmental Protection Agency Tier 4 Interim or higher emissions standards for all off-road, diesel-powered construction equipment in use over 20 hours and the level 3 DPF for all diesel generators.
 - During construction, the construction contractor shall maintain a list of all operating off-road equipment in use over 20 hours on the construction site for verification by the San Carlos Building Division.
 - The construction equipment list shall state the makes, models, Engine Identification Numbers, Engine Family Numbers, and numbers of off-road construction equipment on-site.
 - To the extent that equipment is available and cost-effective, contractors shall use electric, hybrid, or alternate-fueled off-road construction equipment.
- Contractors shall use electric construction tools, such as saws, drills, and compressors, where grid electricity is available.
- Construction contractors shall also ensure that all nonessential idling of construction equipment is restricted to 5 minutes or less in compliance with Section 2449 of the California Code of Regulations, Title 13, Article 4.8, Chapter 9.
- All sub-contracts and construction documents shall identify that all non-essential idling of construction equipment is restricted to 5 minutes or less in compliance with California Air Resources Board Rule 2449. The construction contractor is responsible for ensuring that this requirement is met.

- Construction contractors shall water exposed surfaces at least three (3) times per day.
- Construction contractors shall apply non-toxic soil stabilizers to exposed disturbed surfaces.

Mitigation Measure AQ-3 would reduce the project's localized construction emissions, as shown in Table 2. The results indicate that, with mitigation, cancer risk would be less than the BAAQMD's significance thresholds at the MEIR and PM_{2.5} concentrations would be less than 0.3 µg/m³ at the MEIW. Therefore, the project would not expose off-site sensitive receptors to substantial concentrations of air pollutant emissions during construction and impacts would be less than significant with implementation of mitigation measure AQ-3.

TABLE 2 CONSTRUCTION RISK SUMMARY – MITIGATED

Receptor	Cancer Risk (per million)	Chronic Hazards	PM _{2.5} (µg/m ³) ^a
Maximum Exposed Individual Resident (MEIR)	7.8	0.02	0.07
Maximum Exposed Individual Worker (MEIW)	0.3	0.03	0.13
BAAQMD Threshold	10	1.0	0.3
Exceeds Threshold?	No	No	No

Modeling includes Mitigation Measure AQ-3, which requires use of Tier 4 Interim equipment for all diesel-powered off-road equipment in use over 20 hours; watering surfaces three times per day and non-toxic soil stabilizers to exposed disturbed surfaces.

Note: Cancer risk calculated using 2015 OEHHA HRA guidance.

1.7 CUMULATIVE COMMUNITY HEALTH RISK

BAAQMD recommends assessing the potential cumulative impacts from sources of TACs within 1,000 feet of the project to address the project's cumulative contribution to localized TACs and PM_{2.5}. The existing TACs that BAAQMD recommends including in a cumulative analysis include permitted stationary sources, marine sources, roadway sources, rail sources, and highway sources. Risks from permitted stationary sources within 1,000 feet of the project site can be identified using BAAQMD's *Stationary Source Screening Map* (BAAQMD 2022). Risks from roadway sources are released periodically from the BAAQMD in the form of risk assessment screening tools (RAST), which were utilized in determining associated risks at the MEIR during project construction. No marine or rail activities occur within 1,000 feet of the project site and are therefore not included in the cumulative risk analysis.

Table 3 summarizes the risk levels at the residential MEIR from the existing TAC sources in combination with project construction-related risks without implementation of Mitigation Measure AQ-3. As shown in the table, the cumulative cancer risk, chronic noncarcinogenic hazards and PM_{2.5} concentrations would not exceed the respective cumulative significance thresholds for both the unmitigated construction scenario and with implementation of Mitigation Measure AQ-3.

TABLE 3 CUMULATIVE COMMUNITY RISK SUMMARY AT MEIR

Source	Source Type	Distance to MEIR ¹	Cancer Risk (per million)	Chronic Hazards	PM _{2.5} (µg/m ³)
Project Impacts					
Project Construction (prior to mitigation) ²	Diesel Construction Equipment	80 feet	24.0	0.05	0.17
Project Construction (mitigated) ³	Diesel Construction Equipment	80 feet	7.8	0.02	0.07
Permitted Stationary Source Impacts					
Silicon Valley Clean Water (Facility ID 1244)	N/D	>1,000 feet	1.13	0.002	0.001
Holly Petroleum (Facility ID 9095)	Gasoline Dispensing	Adjacent	24.59	0.118	N/A
Holly 76 (Bay Petroleum) (Facility ID 9615)	Gasoline Dispensing	200 feet	8.61	0.030	N/A
Roadway Impacts					
US Highway 101 ⁴	Vehicles	800 feet	34.01	0.102	0.53
Cumulative Health Impacts					
Cumulative Project Health Impacts (prior to mitigation) ²			92.3	0.31	0.70
Cumulative Project Health Impacts (mitigated) ³			76.1	0.27	0.60
BAAQMD Threshold			100	10.0	0.80
Exceeds Threshold?			No	No	No

Notes: N/D = No Data; N/A = Not Applicable

¹ MEIR is the resident at 96 Bayport Ct in the City of San Carlos.

² Does not include implementation of Mitigation Measure AQ-3.

³ Includes implementation of Mitigation Measure AQ-3.

⁴ BAAQMD-provided values correspond with risks experienced at the MEIR.

Table 4 summarizes the risk levels at the MEIR from the existing TAC sources and project construction risks both prior to mitigation and with implementation of Mitigation Measure AQ-3. As shown in Table 4, the cumulative cancer risk and chronic noncarcinogenic hazards would not exceed the respective cumulative significance thresholds for both the unmitigated construction scenario and with implementation of Mitigation Measure AQ-3. And although the cumulative PM_{2.5} concentration would exceed the cumulative significance threshold of 0.8 µg/m³ for the unmitigated construction scenario, with incorporation of Mitigation Measure AQ-3 the cumulative PM_{2.5} concentration would be reduced below BAAQMD's cumulative PM_{2.5} significance threshold. Therefore, cumulative localized impacts from TACs and PM_{2.5} would be reduced to less-than-significant levels with incorporation of Mitigation Measure AQ-3.

TABLE 4 CUMULATIVE COMMUNITY RISK SUMMARY AT MEIW

Source	Source Type	Distance to MEIW ¹	Cancer Risk (per million)	Chronic Hazards	PM _{2.5} (µg/m ³)
Project Impacts					
Project Construction (prior to mitigation) ²	Diesel Construction Equipment	Adjacent	0.9	0.10	0.35
Project Construction (mitigated) ³	Diesel Construction Equipment	Adjacent	0.3	0.03	0.13
Permitted Stationary Source Impacts					
Silicon Valley Clean Water (Facility ID 1244)	N/D	>1,000 feet	1.13	0.002	0.001
Holly Petroleum (Facility ID 9095)	Gasoline Dispensing	360 feet	0.23	0.020	N/A
Holly 76 (Bay Petroleum) (Facility ID 9615)	Gasoline Dispensing	525 feet	0.15	0.030	N/A
Roadway Impacts					
US Highway 101 ⁴	Vehicles	550 feet	22.3	0.078	0.46
Cumulative Health Impacts					
Cumulative Project Health Impacts (prior to mitigation) ²			49.6	0.32	0.81
BAAQMD Threshold			100	10.0	0.80
Exceeds Threshold?			No	No	Yes
Cumulative Project Health Impacts (mitigated) ³			49.0	0.26	0.59
BAAQMD Threshold			100	10.0	0.80
Exceeds Threshold?			No	No	No

Notes: N/D = No Data; N/A = Not Applicable

¹ MEIW is the commercial building at 551 Industrial Road in the City of San Carlos.

² Does not include implementation of Mitigation Measure AQ-3.

³ Includes implementation of Mitigation Measure AQ-3.

⁴ BAAQMD-provided values correspond with risks at the MEIW. It should be noted that the screening level cancer risk values for permitted stationary sources and roadway sources provided in Table 4 are determined for residential receptors, which tend to produce higher cancer risks than for worker receptors due to longer residential exposure duration, age sensitivity factors, and elevated breathing rates as compared to worker receptors. Therefore, the cumulative cancer risk values provided in Table 4 are conservative.

2. References

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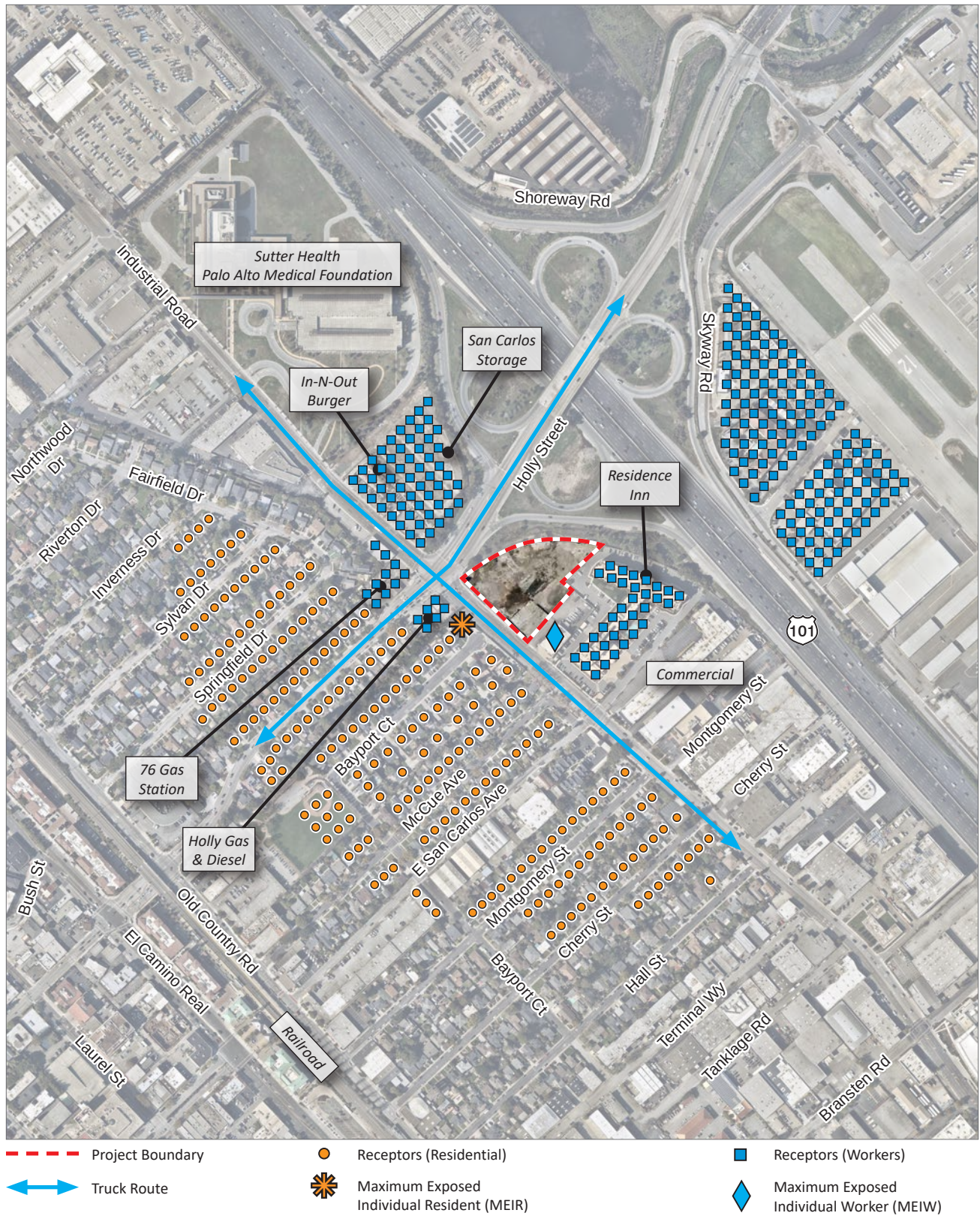
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Source: Nearmap, Inc., 2023; PlaceWorks, 2023.

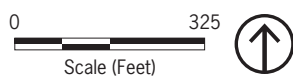


Figure 1
Project Sources and Off-Site Receptor Locations

Appendix A. Emission Rate Calculations

**Construction Emissions - DPM and PM2.5
Input to Risk Tables**

Average Daily Emissions and Emission Rates: Unmitigated Scenario

Onsite Construction PM10 Exhaust Emissions ¹					Onsite Construction PM2.5 Emissions ²			
Year	Average Daily Emissions (lbs/day)	Average Daily Emissions (lbs/hr)	Emission Rate (g/s)		Average Daily Emissions (lbs/day)	Average Daily Emissions (lbs/hr)	Emission Rate (g/s)	
2024	0.55	6.89E-02	8.68E-03		0.61	7.64E-02	9.63E-03	
2025	0.46	5.73E-02	7.22E-03		0.42	5.27E-02	6.64E-03	

Offsite Construction PM10 Exhaust Emissions ¹					Offsite Construction PM2.5 Emissions ²			
Year	Average Daily Emissions (lbs/day)	Hauling Emissions w/in 1,000ft (lbs/day) ³	Emission Rate (lbs/hr)	Emission Rate (g/s)	Average Daily Emissions (lbs/day)	Hauling Emissions w/in 1,000ft (lbs/day) ³	Emission Rate (lbs/hr)	Emission Rate (g/s)
2024	0.0077	3.36E-04	4.21E-05	5.30E-06	0.55	2.41E-02	3.01E-03	3.80E-04
2025	0.0072	3.15E-04	3.93E-05	4.96E-06	0.67	2.95E-02	3.69E-03	4.65E-04

Note: Emissions evenly distributed over 89 modeled volume sources.

	Year	Workdays	Risk Scalar ⁵
Hauling Length (miles)	2024	152	0.58
Haul Length within 1,000 ft of Site (mile) ³	2025	247	0.95
Hours per work day (7:00 AM to 4:00 PM, 1-hour of breaks) ⁴	Total	399	1.53

¹ DPM emissions taken as PM₁₀ average daily exhaust emissions, which are based on CalEEMod annual emissions (tons per year) divided by the number of construction workdays in a given year.

² PM_{2.5} emissions taken as PM_{2.5} exhaust + fugitive dust emissions from CalEEMod annual emissions (tons per year) divided by the number of construction workdays in the given year.

³ Emissions from CalEEMod offsite average daily emissions, which is based on proportioned haul truck trip distances, are adjusted to evaluate emissions from the 0.88-mile route within 1,000 of the project site.

⁴ Work hours applied in By Hour/Day (HRDOW) variable emissions module in air dispersion model (see App B - Air Dispersion Model Output).

⁵ Risk scalars determined for each year of construction to adjust receptor exposures to the exposure durations for each construction year (see App C - Risk Calculations).

Construction Emissions - DPM and PM2.5

Input to Risk Tables

With Mitigation - Tier 4 Final Engines for Eq. ≤ 50 hp; Tier 4 Interim Engines for Eq. > 50 hp; Watering 3x Daily; Use Dust

Suppressants

Average Daily Emissions and Emission Rates: Mitigated Scenario

Onsite Construction PM10 Exhaust Emissions ¹				Onsite Construction PM2.5 Emissions ²		
Year	Average Daily Emissions (lbs/day)	Average Daily Emissions (lbs/hr)	Emission Rate (g/s)	Average Daily Emissions (lbs/day)	Average Daily Emissions (lbs/hr)	Emission Rate (g/s)
2024	0.14	1.77E-02	2.23E-03	0.22	2.80E-02	3.53E-03
2025	0.17	2.06E-02	2.60E-03	0.15	1.93E-02	2.43E-03

Offsite Construction PM10 Exhaust Emissions ¹					Offsite Construction PM2.5 Emissions ²			
Year	Average Daily Emissions (lbs/day)	Hauling Emissions w/in 1,000ft (lbs/day) ³	Emission Rate (lbs/hr)	Emission Rate (g/s)	Average Daily Emissions (lbs/day)	Hauling Emissions w/in 1,000ft (lbs/day) ³	Emission Rate (lbs/hr)	Emission Rate (g/s)
2024	0.0077	3.36E-04	4.21E-05	5.30E-06	0.55	2.41E-02	3.01E-03	3.80E-04
2025	0.0072	3.15E-04	3.93E-05	4.96E-06	0.67	2.95E-02	3.69E-03	4.65E-04

Note: Emissions evenly distributed over 89 modeled volume sources.

	Year	Workdays	Risk Scalar ⁵
Hauling Length (miles)	20	miles	0.58
Haul Length within 1,000 ft of Site (mile) ³	0.88	miles	0.95
Hours per work day (7:00 AM to 4:00 PM, 1-hour of breaks) ⁴	8	hours	1.53
	Total	399	1.53

¹ DPM emissions taken as PM₁₀ average daily exhaust emissions, which are based on CalEEMod annual emissions (tons per year) divided by the number of construction workdays in a given year.

² PM_{2.5} emissions taken as PM_{2.5} exhaust + fugitive dust emissions from CalEEMod annual emissions (tons per year) divided by the number of construction workdays in the given year.

³ Emissions from CalEEMod offsite average daily emissions, which is based on proportioned haul truck trip distances, are adjusted to evaluate emissions from the 0.88-mile route within 1,000 of the project site.

⁴ Work hours applied in By Hour/Day (HRDOW) variable emissions module in air dispersion model (see App B - Air Dispersion Model Output).

⁵ Risk scalars determined for each year of construction to adjust receptor exposures to the exposure durations for each construction year (see App C - Risk Calculations).

Appendix B. Air Dispersion Model Output

*** AERMOD - VERSION 22112 *** *** Construction HRA, Residential Receptors *** 06/26/23
*** AERMET - VERSION 18081 *** *** 501 Industrial Road Hotel EIR *** 07:03:09
PAGE 1

*** MODELOPTS: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** MODEL SETUP OPTIONS SUMMARY ***

** Model Options Selected:

- * Model Allows User-Specified Options
- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.
- * NO PARTICLE DEPOSITION Data Provided.
- * Model Uses NO DRY DEPLETION. DDPLETE = F
- * Model Uses NO WET DEPLETION. WETDPLT = F
- * Stack-tip Downwash.
- * Allow FLAT/ELEV Terrain Option by Source,
with 0 FLAT and 180 ELEV Source(s).
- * Use Calms Processing Routine.
- * Use Missing Data Processing Routine.
- * No Exponential Decay.
- * Model Uses URBAN Dispersion Algorithm for the SBL for 180 Source(s),
for Total of 1 Urban Area(s):
- Urban Population = 737888.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Accepts FLAGPOLE Receptor . Heights.
- * The User Specified a Pollutant Type of: OTHER

**Model Calculates PERIOD Averages Only

**This Run Includes: 180 Source(s); 4 Source Group(s); and 1043 Receptor(s)

with: 0 POINT(s), including
 0 POINTCAP(s) and 0 POINTHOR(s)
and: 178 VOLUME source(s)
and: 2 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
and: 0 SWPOINT source(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 18081

**Output Options Selected:

Model Outputs Tables of PERIOD Averages by Receptor
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 1.50 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 4.0 MB of RAM.

**Input Runstream File: aermod.inp
**Output Print File: aermod.out

**Detailed Error/Message File: COSC07.err
**File for Summary of Results: COSC07.sum

*** AERMOD - VERSION 22112 ***
*** AERMET - VERSION 18081 ***

*** Construction HRA, Residential Receptors
*** 501 Industrial Road Hotel EIR

*** 06/26/23
*** 07:03:09
PAGE 2

*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000734	0	0.14985E-01	565384.9	4152125.1	3.2	3.40	9.77	3.16	YES	HRDOW
L0000735	0	0.14985E-01	565398.4	4152109.1	3.0	3.40	9.77	3.16	YES	HRDOW
L0000736	0	0.14985E-01	565412.0	4152093.0	3.1	3.40	9.77	3.16	YES	HRDOW
L0000737	0	0.14985E-01	565425.6	4152077.0	2.9	3.40	9.77	3.16	YES	HRDOW
L0000738	0	0.14985E-01	565439.1	4152061.0	2.9	3.40	9.77	3.16	YES	HRDOW
L0000739	0	0.14985E-01	565452.7	4152044.9	2.8	3.40	9.77	3.16	YES	HRDOW
L0000740	0	0.14985E-01	565468.2	4152030.8	2.8	3.40	9.77	3.16	YES	HRDOW
L0000741	0	0.14985E-01	565484.2	4152017.3	2.8	3.40	9.77	3.16	YES	HRDOW
L0000742	0	0.14985E-01	565500.2	4152003.7	3.0	3.40	9.77	3.16	YES	HRDOW
L0000743	0	0.14985E-01	565516.3	4151990.1	3.0	3.40	9.77	3.16	YES	HRDOW
L0000744	0	0.14985E-01	565532.3	4151976.5	3.1	3.40	9.77	3.16	YES	HRDOW
L0000745	0	0.14985E-01	565548.3	4151963.0	2.9	3.40	9.77	3.16	YES	HRDOW
L0000746	0	0.14985E-01	565564.3	4151949.4	2.8	3.40	9.77	3.16	YES	HRDOW
L0000747	0	0.14985E-01	565580.4	4151935.8	2.9	3.40	9.77	3.16	YES	HRDOW
L0000748	0	0.14985E-01	565596.3	4151922.2	3.2	3.40	9.77	3.16	YES	HRDOW
L0000749	0	0.14985E-01	565612.1	4151908.4	3.2	3.40	9.77	3.16	YES	HRDOW
L0000750	0	0.14985E-01	565627.9	4151894.5	2.9	3.40	9.77	3.16	YES	HRDOW
L0000751	0	0.14985E-01	565643.7	4151880.7	2.7	3.40	9.77	3.16	YES	HRDOW
L0000752	0	0.14985E-01	565659.5	4151866.8	3.0	3.40	9.77	3.16	YES	HRDOW
L0000753	0	0.14985E-01	565675.3	4151853.0	3.1	3.40	9.77	3.16	YES	HRDOW
L0000754	0	0.14985E-01	565691.1	4151839.2	2.9	3.40	9.77	3.16	YES	HRDOW
L0000755	0	0.14985E-01	565706.9	4151825.3	2.9	3.40	9.77	3.16	YES	HRDOW
L0000756	0	0.14985E-01	565722.7	4151811.5	2.7	3.40	9.77	3.16	YES	HRDOW
L0000757	0	0.14985E-01	565738.5	4151797.7	2.6	3.40	9.77	3.16	YES	HRDOW
L0000758	0	0.14985E-01	565754.3	4151783.8	2.6	3.40	9.77	3.16	YES	HRDOW
L0000759	0	0.14985E-01	565770.1	4151770.0	2.6	3.40	9.77	3.16	YES	HRDOW
L0000760	0	0.14985E-01	565785.9	4151756.1	2.8	3.40	9.77	3.16	YES	HRDOW
L0000761	0	0.14985E-01	565801.7	4151742.3	2.8	3.40	9.77	3.16	YES	HRDOW
L0000762	0	0.14985E-01	565817.5	4151728.5	2.7	3.40	9.77	3.16	YES	HRDOW
L0000763	0	0.14985E-01	565833.3	4151714.6	2.7	3.40	9.77	3.16	YES	HRDOW
L0000764	0	0.14985E-01	565849.1	4151700.8	2.8	3.40	9.77	3.16	YES	HRDOW
L0000765	0	0.14985E-01	565864.9	4151687.0	2.8	3.40	9.77	3.16	YES	HRDOW
L0000766	0	0.14985E-01	565880.7	4151673.1	2.7	3.40	9.77	3.16	YES	HRDOW
L0000767	0	0.14985E-01	565896.5	4151659.3	2.6	3.40	9.77	3.16	YES	HRDOW
L0000768	0	0.89186E-02	565812.1	4152257.6	4.7	3.40	5.81	3.16	YES	HRDOW
L0000769	0	0.89186E-02	565805.2	4152247.1	5.4	3.40	5.81	3.16	YES	HRDOW
L0000770	0	0.89186E-02	565798.4	4152236.7	6.0	3.40	5.81	3.16	YES	HRDOW
L0000771	0	0.89186E-02	565791.5	4152226.2	6.6	3.40	5.81	3.16	YES	HRDOW

L0000772	0	0.89186E-02	565784.7	4152215.7	7.2	3.40	5.81	3.16	YES	HRDOW
L0000773	0	0.89186E-02	565777.9	4152205.3	7.8	3.40	5.81	3.16	YES	HRDOW
*** AERMOD - VERSION 22112 *** *** Construction HRA, Residential Receptors ***										
*** AERMET - VERSION 18081 *** *** 501 Industrial Road Hotel EIR ***										

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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000774	0	0.89186E-02	565771.0	4152194.8	7.5	3.40	5.81	3.16	YES	HRDOW
L0000775	0	0.89186E-02	565764.2	4152184.3	6.4	3.40	5.81	3.16	YES	HRDOW
L0000776	0	0.89186E-02	565757.4	4152173.9	4.8	3.40	5.81	3.16	YES	HRDOW
L0000777	0	0.89186E-02	565750.5	4152163.4	3.8	3.40	5.81	3.16	YES	HRDOW
L0000778	0	0.89186E-02	565743.7	4152152.9	3.6	3.40	5.81	3.16	YES	HRDOW
L0000779	0	0.89186E-02	565736.9	4152142.5	3.7	3.40	5.81	3.16	YES	HRDOW
L0000780	0	0.89186E-02	565730.0	4152132.0	3.8	3.40	5.81	3.16	YES	HRDOW
L0000781	0	0.89186E-02	565723.2	4152121.5	4.7	3.40	5.81	3.16	YES	HRDOW
L0000782	0	0.89186E-02	565716.3	4152111.1	6.2	3.40	5.81	3.16	YES	HRDOW
L0000783	0	0.89186E-02	565709.5	4152100.6	7.8	3.40	5.81	3.16	YES	HRDOW
L0000784	0	0.89186E-02	565702.7	4152090.2	8.4	3.40	5.81	3.16	YES	HRDOW
L0000785	0	0.89186E-02	565695.8	4152079.7	7.6	3.40	5.81	3.16	YES	HRDOW
L0000786	0	0.89186E-02	565689.1	4152069.2	7.1	3.40	5.81	3.16	YES	HRDOW
L0000787	0	0.89186E-02	565682.4	4152058.6	6.5	3.40	5.81	3.16	YES	HRDOW
L0000788	0	0.89186E-02	565675.7	4152048.1	5.8	3.40	5.81	3.16	YES	HRDOW
L0000789	0	0.89186E-02	565669.0	4152037.5	5.2	3.40	5.81	3.16	YES	HRDOW
L0000790	0	0.89186E-02	565662.3	4152027.0	4.8	3.40	5.81	3.16	YES	HRDOW
L0000791	0	0.89186E-02	565655.6	4152016.4	4.4	3.40	5.81	3.16	YES	HRDOW
L0000792	0	0.89186E-02	565648.9	4152005.9	4.0	3.40	5.81	3.16	YES	HRDOW
L0000793	0	0.89186E-02	565642.2	4151995.3	3.8	3.40	5.81	3.16	YES	HRDOW
L0000794	0	0.89186E-02	565635.5	4151984.8	3.8	3.40	5.81	3.16	YES	HRDOW
L0000795	0	0.89186E-02	565628.8	4151974.2	3.8	3.40	5.81	3.16	YES	HRDOW
L0000796	0	0.89186E-02	565622.1	4151963.7	3.6	3.40	5.81	3.16	YES	HRDOW
L0000797	0	0.89186E-02	565615.4	4151953.1	3.4	3.40	5.81	3.16	YES	HRDOW
L0000798	0	0.89186E-02	565608.7	4151942.5	3.5	3.40	5.81	3.16	YES	HRDOW
L0000799	0	0.89186E-02	565600.5	4151933.2	3.3	3.40	5.81	3.16	YES	HRDOW
L0000800	0	0.89186E-02	565591.3	4151924.7	3.2	3.40	5.81	3.16	YES	HRDOW
L0000801	0	0.89186E-02	565582.2	4151916.1	3.1	3.40	5.81	3.16	YES	HRDOW
L0000802	0	0.89186E-02	565573.1	4151907.5	3.0	3.40	5.81	3.16	YES	HRDOW
L0000803	0	0.89186E-02	565564.0	4151899.0	3.0	3.40	5.81	3.16	YES	HRDOW
L0000804	0	0.89186E-02	565554.9	4151890.4	3.0	3.40	5.81	3.16	YES	HRDOW
L0000805	0	0.89186E-02	565545.8	4151881.9	3.0	3.40	5.81	3.16	YES	HRDOW
L0000806	0	0.89186E-02	565536.7	4151873.3	3.1	3.40	5.81	3.16	YES	HRDOW
L0000807	0	0.89186E-02	565527.6	4151864.7	3.3	3.40	5.81	3.16	YES	HRDOW
L0000808	0	0.89186E-02	565518.5	4151856.2	3.4	3.40	5.81	3.16	YES	HRDOW
L0000809	0	0.89186E-02	565509.4	4151847.6	3.5	3.40	5.81	3.16	YES	HRDOW

L0000810	0	0.89186E-02	565500.3	4151839.0	3.6	3.40	5.81	3.16	YES	HRDOW
L0000811	0	0.89186E-02	565491.2	4151830.4	3.8	3.40	5.81	3.16	YES	HRDOW
L0000812	0	0.89186E-02	565482.1	4151821.8	3.9	3.40	5.81	3.16	YES	HRDOW
L0000813	0	0.89186E-02	565473.1	4151813.2	4.1	3.40	5.81	3.16	YES	HRDOW

*** AERMOD - VERSION 22112 *** *** Construction HRA, Residential Receptors ***

*** AERMET - VERSION 18081 *** *** 501 Industrial Road Hotel EIR ***

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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000814	0	0.89186E-02	565464.0	4151804.7	4.4	3.40	5.81	3.16	YES	HRDOW
L0000815	0	0.89186E-02	565454.9	4151796.1	4.6	3.40	5.81	3.16	YES	HRDOW
L0000816	0	0.89186E-02	565445.8	4151787.5	4.7	3.40	5.81	3.16	YES	HRDOW
L0000817	0	0.89186E-02	565436.7	4151778.9	4.8	3.40	5.81	3.16	YES	HRDOW
L0000818	0	0.89186E-02	565427.7	4151770.3	5.1	3.40	5.81	3.16	YES	HRDOW
L0000819	0	0.89186E-02	565418.6	4151761.7	5.3	3.40	5.81	3.16	YES	HRDOW
L0000820	0	0.89186E-02	565409.5	4151753.1	5.5	3.40	5.81	3.16	YES	HRDOW
L0000821	0	0.89186E-02	565400.7	4151744.2	5.8	3.40	5.81	3.16	YES	HRDOW
L0000822	0	0.89186E-02	565392.3	4151735.0	6.0	3.40	5.81	3.16	YES	HRDOW
L0000878	0	0.14985E-01	565384.9	4152125.1	3.2	0.00	9.77	3.16	YES	HRDOW
L0000879	0	0.14985E-01	565398.4	4152109.1	3.0	0.00	9.77	3.16	YES	HRDOW
L0000880	0	0.14985E-01	565412.0	4152093.0	3.1	0.00	9.77	3.16	YES	HRDOW
L0000881	0	0.14985E-01	565425.6	4152077.0	2.9	0.00	9.77	3.16	YES	HRDOW
L0000882	0	0.14985E-01	565439.1	4152061.0	2.9	0.00	9.77	3.16	YES	HRDOW
L0000883	0	0.14985E-01	565452.7	4152044.9	2.8	0.00	9.77	3.16	YES	HRDOW
L0000884	0	0.14985E-01	565468.2	4152030.8	2.8	0.00	9.77	3.16	YES	HRDOW
L0000885	0	0.14985E-01	565484.2	4152017.3	2.8	0.00	9.77	3.16	YES	HRDOW
L0000886	0	0.14985E-01	565500.2	4152003.7	3.0	0.00	9.77	3.16	YES	HRDOW
L0000887	0	0.14985E-01	565516.3	4151990.1	3.0	0.00	9.77	3.16	YES	HRDOW
L0000888	0	0.14985E-01	565532.3	4151976.5	3.1	0.00	9.77	3.16	YES	HRDOW
L0000889	0	0.14985E-01	565548.3	4151963.0	2.9	0.00	9.77	3.16	YES	HRDOW
L0000890	0	0.14985E-01	565564.3	4151949.4	2.8	0.00	9.77	3.16	YES	HRDOW
L0000891	0	0.14985E-01	565580.4	4151935.8	2.9	0.00	9.77	3.16	YES	HRDOW
L0000892	0	0.14985E-01	565596.3	4151922.2	3.2	0.00	9.77	3.16	YES	HRDOW
L0000893	0	0.14985E-01	565612.1	4151908.4	3.2	0.00	9.77	3.16	YES	HRDOW
L0000894	0	0.14985E-01	565627.9	4151894.5	2.9	0.00	9.77	3.16	YES	HRDOW
L0000895	0	0.14985E-01	565643.7	4151880.7	2.7	0.00	9.77	3.16	YES	HRDOW
L0000896	0	0.14985E-01	565659.5	4151866.8	3.0	0.00	9.77	3.16	YES	HRDOW
L0000897	0	0.14985E-01	565675.3	4151853.0	3.1	0.00	9.77	3.16	YES	HRDOW
L0000898	0	0.14985E-01	565691.1	4151839.2	2.9	0.00	9.77	3.16	YES	HRDOW
L0000899	0	0.14985E-01	565706.9	4151825.3	2.9	0.00	9.77	3.16	YES	HRDOW
L0000900	0	0.14985E-01	565722.7	4151811.5	2.7	0.00	9.77	3.16	YES	HRDOW
L0000901	0	0.14985E-01	565738.5	4151797.7	2.6	0.00	9.77	3.16	YES	HRDOW
L0000902	0	0.14985E-01	565754.3	4151783.8	2.6	0.00	9.77	3.16	YES	HRDOW

L0000903	0	0.14985E-01	565770.1	4151770.0	2.6	0.00	9.77	3.16	YES	HRDOW
L0000904	0	0.14985E-01	565785.9	4151756.1	2.8	0.00	9.77	3.16	YES	HRDOW
L0000905	0	0.14985E-01	565801.7	4151742.3	2.8	0.00	9.77	3.16	YES	HRDOW
L0000906	0	0.14985E-01	565817.5	4151728.5	2.7	0.00	9.77	3.16	YES	HRDOW
L0000907	0	0.14985E-01	565833.3	4151714.6	2.7	0.00	9.77	3.16	YES	HRDOW
L0000908	0	0.14985E-01	565849.1	4151700.8	2.8	0.00	9.77	3.16	YES	HRDOW

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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.	URBAN	EMISSION	RATE
ID	PART.	(GRAMS/SEC)		X	ELEV.	HEIGHT	SY	SZ	SOURCE	SCALAR	VARY
	CATS.			(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		BY	
L0000909	0	0.14985E-01	565864.9	4151687.0	2.8	0.00	9.77	3.16	YES	HRDOW	
L0000910	0	0.14985E-01	565880.7	4151673.1	2.7	0.00	9.77	3.16	YES	HRDOW	
L0000911	0	0.14985E-01	565896.5	4151659.3	2.6	0.00	9.77	3.16	YES	HRDOW	
L0000823	0	0.89186E-02	565812.1	4152257.6	4.7	0.00	5.81	3.16	YES	HRDOW	
L0000824	0	0.89186E-02	565805.2	4152247.1	5.4	0.00	5.81	3.16	YES	HRDOW	
L0000825	0	0.89186E-02	565798.4	4152236.7	6.0	0.00	5.81	3.16	YES	HRDOW	
L0000826	0	0.89186E-02	565791.5	4152226.2	6.6	0.00	5.81	3.16	YES	HRDOW	
L0000827	0	0.89186E-02	565784.7	4152215.7	7.2	0.00	5.81	3.16	YES	HRDOW	
L0000828	0	0.89186E-02	565777.9	4152205.3	7.8	0.00	5.81	3.16	YES	HRDOW	
L0000829	0	0.89186E-02	565771.0	4152194.8	7.5	0.00	5.81	3.16	YES	HRDOW	
L0000830	0	0.89186E-02	565764.2	4152184.3	6.4	0.00	5.81	3.16	YES	HRDOW	
L0000831	0	0.89186E-02	565757.4	4152173.9	4.8	0.00	5.81	3.16	YES	HRDOW	
L0000832	0	0.89186E-02	565750.5	4152163.4	3.8	0.00	5.81	3.16	YES	HRDOW	
L0000833	0	0.89186E-02	565743.7	4152152.9	3.6	0.00	5.81	3.16	YES	HRDOW	
L0000834	0	0.89186E-02	565736.9	4152142.5	3.7	0.00	5.81	3.16	YES	HRDOW	
L0000835	0	0.89186E-02	565730.0	4152132.0	3.8	0.00	5.81	3.16	YES	HRDOW	
L0000836	0	0.89186E-02	565723.2	4152121.5	4.7	0.00	5.81	3.16	YES	HRDOW	
L0000837	0	0.89186E-02	565716.3	4152111.1	6.2	0.00	5.81	3.16	YES	HRDOW	
L0000838	0	0.89186E-02	565709.5	4152100.6	7.8	0.00	5.81	3.16	YES	HRDOW	
L0000839	0	0.89186E-02	565702.7	4152090.2	8.4	0.00	5.81	3.16	YES	HRDOW	
L0000840	0	0.89186E-02	565695.8	4152079.7	7.6	0.00	5.81	3.16	YES	HRDOW	
L0000841	0	0.89186E-02	565689.1	4152069.2	7.1	0.00	5.81	3.16	YES	HRDOW	
L0000842	0	0.89186E-02	565682.4	4152058.6	6.5	0.00	5.81	3.16	YES	HRDOW	
L0000843	0	0.89186E-02	565675.7	4152048.1	5.8	0.00	5.81	3.16	YES	HRDOW	
L0000844	0	0.89186E-02	565669.0	4152037.5	5.2	0.00	5.81	3.16	YES	HRDOW	
L0000845	0	0.89186E-02	565662.3	4152027.0	4.8	0.00	5.81	3.16	YES	HRDOW	
L0000846	0	0.89186E-02	565655.6	4152016.4	4.4	0.00	5.81	3.16	YES	HRDOW	
L0000847	0	0.89186E-02	565648.9	4152005.9	4.0	0.00	5.81	3.16	YES	HRDOW	
L0000848	0	0.89186E-02	565642.2	4151995.3	3.8	0.00	5.81	3.16	YES	HRDOW	
L0000849	0	0.89186E-02	565635.5	4151984.8	3.8	0.00	5.81	3.16	YES	HRDOW	
L0000850	0	0.89186E-02	565628.8	4151974.2	3.8	0.00	5.81	3.16	YES	HRDOW	

L0000851	0	0.89186E-02	565622.1	4151963.7	3.6	0.00	5.81	3.16	YES	HRDOW
L0000852	0	0.89186E-02	565615.4	4151953.1	3.4	0.00	5.81	3.16	YES	HRDOW
L0000853	0	0.89186E-02	565608.7	4151942.5	3.5	0.00	5.81	3.16	YES	HRDOW
L0000854	0	0.89186E-02	565600.5	4151933.2	3.3	0.00	5.81	3.16	YES	HRDOW
L0000855	0	0.89186E-02	565591.3	4151924.7	3.2	0.00	5.81	3.16	YES	HRDOW
L0000856	0	0.89186E-02	565582.2	4151916.1	3.1	0.00	5.81	3.16	YES	HRDOW
L0000857	0	0.89186E-02	565573.1	4151907.5	3.0	0.00	5.81	3.16	YES	HRDOW
L0000858	0	0.89186E-02	565564.0	4151899.0	3.0	0.00	5.81	3.16	YES	HRDOW
L0000859	0	0.89186E-02	565554.9	4151890.4	3.0	0.00	5.81	3.16	YES	HRDOW

*** AERMOD - VERSION 22112 *** *** Construction HRA, Residential Receptors
 *** AERMET - VERSION 18081 *** *** 501 Industrial Road Hotel EIR

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*** MODELOPTs: NonDFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000860	0	0.89186E-02	565545.8	4151881.9	3.0	0.00	5.81	3.16	YES	HRDOW
L0000861	0	0.89186E-02	565536.7	4151873.3	3.1	0.00	5.81	3.16	YES	HRDOW
L0000862	0	0.89186E-02	565527.6	4151864.7	3.3	0.00	5.81	3.16	YES	HRDOW
L0000863	0	0.89186E-02	565518.5	4151856.2	3.4	0.00	5.81	3.16	YES	HRDOW
L0000864	0	0.89186E-02	565509.4	4151847.6	3.5	0.00	5.81	3.16	YES	HRDOW
L0000865	0	0.89186E-02	565500.3	4151839.0	3.6	0.00	5.81	3.16	YES	HRDOW
L0000866	0	0.89186E-02	565491.2	4151830.4	3.8	0.00	5.81	3.16	YES	HRDOW
L0000867	0	0.89186E-02	565482.1	4151821.8	3.9	0.00	5.81	3.16	YES	HRDOW
L0000868	0	0.89186E-02	565473.1	4151813.2	4.1	0.00	5.81	3.16	YES	HRDOW
L0000869	0	0.89186E-02	565464.0	4151804.7	4.4	0.00	5.81	3.16	YES	HRDOW
L0000870	0	0.89186E-02	565454.9	4151796.1	4.6	0.00	5.81	3.16	YES	HRDOW
L0000871	0	0.89186E-02	565445.8	4151787.5	4.7	0.00	5.81	3.16	YES	HRDOW
L0000872	0	0.89186E-02	565436.7	4151778.9	4.8	0.00	5.81	3.16	YES	HRDOW
L0000873	0	0.89186E-02	565427.7	4151770.3	5.1	0.00	5.81	3.16	YES	HRDOW
L0000874	0	0.89186E-02	565418.6	4151761.7	5.3	0.00	5.81	3.16	YES	HRDOW
L0000875	0	0.89186E-02	565409.5	4151753.1	5.5	0.00	5.81	3.16	YES	HRDOW
L0000876	0	0.89186E-02	565400.7	4151744.2	5.8	0.00	5.81	3.16	YES	HRDOW
L0000877	0	0.89186E-02	565392.3	4151735.0	6.0	0.00	5.81	3.16	YES	HRDOW

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*** MODELOPTs: NonDFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** AREAPOLY SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
PAREA1	0	0.10644E-03	565773.2	4151960.3	2.2	3.40	19	1.58	YES	HRDOW
PAREA2	0	0.10644E-03	565773.2	4151960.3	2.2	0.00	19	0.00	YES	HRDOW

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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SOURCE IDs

[illegible]

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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

L0000845 , L0000846 , L0000847 , L0000848 , L0000849 , L0000850 , L0000851 , L0000852 ,
L0000853 , L0000854 , L0000855 , L0000856 , L0000857 , L0000858 , L0000859 , L0000860 ,
L0000861 , L0000862 , L0000863 , L0000864 , L0000865 , L0000866 , L0000867 , L0000868 ,
L0000869 , L0000870 , L0000871 , L0000872 , L0000873 , L0000874 , L0000875 , L0000876 ,
L0000877 ,

ONSITEPM PAREA2 ,

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*** MODELOPTs:   NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0000740	737888. PAREA1	, L0000734 , L0000735 , L0000736 , L0000737 , L0000738 , L0000739 ,
		, L0000741 , L0000742 , L0000743 , L0000744 , L0000745 , L0000746 , L0000747 , L0000748 ,
		, L0000749 , L0000750 , L0000751 , L0000752 , L0000753 , L0000754 , L0000755 , L0000756 ,
		, L0000757 , L0000758 , L0000759 , L0000760 , L0000761 , L0000762 , L0000763 , L0000764 ,
		, L0000765 , L0000766 , L0000767 , L0000768 , L0000769 , L0000770 , L0000771 , L0000772 ,
		, L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000778 , L0000779 , L0000780 ,
		, L0000781 , L0000782 , L0000783 , L0000784 , L0000785 , L0000786 , L0000787 , L0000788 ,
		, L0000789 , L0000790 , L0000791 , L0000792 , L0000793 , L0000794 , L0000795 , L0000796 ,
		, L0000797 , L0000798 , L0000799 , L0000800 , L0000801 , L0000802 , L0000803 , L0000804 ,
		, L0000805 , L0000806 , L0000807 , L0000808 , L0000809 , L0000810 , L0000811 , L0000812 ,
		, L0000813 , L0000814 , L0000815 , L0000816 , L0000817 , L0000818 , L0000819 , L0000820 ,
		, L0000821 , L0000822 , PAREA2 , L0000878 , L0000879 , L0000880 , L0000881 , L0000882 ,
		, L0000883 , L0000884 , L0000885 , L0000886 , L0000887 , L0000888 , L0000889 , L0000890 ,
		, L0000891 , L0000892 , L0000893 , L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
		, L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 ,
		, L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000823 , L0000824 , L0000825 ,
		, L0000826 , L0000827 , L0000828 , L0000829 , L0000830 , L0000831 , L0000832 , L0000833 ,
		, L0000834 , L0000835 , L0000836 , L0000837 , L0000838 , L0000839 , L0000840 , L0000841 ,
		, L0000842 , L0000843 , L0000844 , L0000845 , L0000846 , L0000847 , L0000848 , L0000849 ,
		, L0000850 , L0000851 , L0000852 , L0000853 , L0000854 , L0000855 , L0000856 , L0000857 ,

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*** MODELOPTs:   NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
		, L0000858 , L0000859 , L0000860 , L0000861 , L0000862 , L0000863 , L0000864 , L0000865 ,
		, L0000866 , L0000867 , L0000868 , L0000869 , L0000870 , L0000871 , L0000872 , L0000873 ,
		, L0000874 , L0000875 , L0000876 , L0000877 ,

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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

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

(565602.0, 4151557.4,	5.5,	172.0,	1.5);	(565622.0, 4151557.4,	5.2,	172.0,	1.5);
(565632.0, 4151557.4,	5.1,	171.5,	1.5);	(565642.0, 4151557.4,	5.0,	171.5,	1.5);
(565682.0, 4151557.4,	4.5,	4.5,	1.5);	(565692.0, 4151557.4,	4.4,	4.4,	1.5);
(565702.0, 4151557.4,	4.3,	4.3,	1.5);	(565712.0, 4151557.4,	4.3,	4.3,	1.5);
(565722.0, 4151557.4,	4.2,	4.2,	1.5);	(565732.0, 4151557.4,	4.1,	4.1,	1.5);
(565742.0, 4151557.4,	4.0,	4.0,	1.5);	(565752.0, 4151557.4,	3.9,	3.9,	1.5);
(565762.0, 4151557.4,	3.8,	3.8,	1.5);	(565572.0, 4151567.4,	5.8,	172.0,	1.5);
(565582.0, 4151567.4,	5.8,	172.0,	1.5);	(565592.0, 4151567.4,	5.7,	172.0,	1.5);
(565622.0, 4151567.4,	5.1,	172.0,	1.5);	(565632.0, 4151567.4,	5.1,	171.5,	1.5);
(565642.0, 4151567.4,	4.9,	171.5,	1.5);	(565652.0, 4151567.4,	4.8,	170.7,	1.5);
(565692.0, 4151567.4,	4.2,	4.2,	1.5);	(565702.0, 4151567.4,	4.2,	4.2,	1.5);
(565712.0, 4151567.4,	4.1,	4.1,	1.5);	(565722.0, 4151567.4,	4.0,	4.0,	1.5);
(565732.0, 4151567.4,	4.0,	4.0,	1.5);	(565742.0, 4151567.4,	3.9,	3.9,	1.5);
(565752.0, 4151567.4,	3.9,	3.9,	1.5);	(565762.0, 4151567.4,	3.8,	3.8,	1.5);
(565772.0, 4151567.4,	3.6,	3.6,	1.5);	(565572.0, 4151577.4,	5.6,	172.0,	1.5);
(565582.0, 4151577.4,	5.6,	172.0,	1.5);	(565632.0, 4151577.4,	5.0,	171.5,	1.5);
(565642.0, 4151577.4,	4.8,	171.5,	1.5);	(565652.0, 4151577.4,	4.7,	170.7,	1.5);
(565662.0, 4151577.4,	4.5,	170.7,	1.5);	(565702.0, 4151577.4,	4.0,	4.0,	1.5);
(565712.0, 4151577.4,	4.0,	4.0,	1.5);	(565722.0, 4151577.4,	3.9,	3.9,	1.5);
(565732.0, 4151577.4,	3.9,	3.9,	1.5);	(565742.0, 4151577.4,	3.8,	3.8,	1.5);
(565752.0, 4151577.4,	3.8,	3.8,	1.5);	(565762.0, 4151577.4,	3.7,	3.7,	1.5);
(565772.0, 4151577.4,	3.5,	3.5,	1.5);	(565782.0, 4151577.4,	3.3,	3.3,	1.5);
(565812.0, 4151577.4,	3.3,	3.3,	1.5);	(565822.0, 4151577.4,	3.3,	3.3,	1.5);
(565832.0, 4151577.4,	3.2,	3.2,	1.5);	(565532.0, 4151587.4,	5.6,	172.0,	1.5);
(565542.0, 4151587.4,	5.6,	172.0,	1.5);	(565552.0, 4151587.4,	5.5,	172.0,	1.5);
(565562.0, 4151587.4,	5.4,	172.0,	1.5);	(565572.0, 4151587.4,	5.4,	172.0,	1.5);
(565642.0, 4151587.4,	4.7,	171.5,	1.5);	(565652.0, 4151587.4,	4.6,	171.5,	1.5);
(565662.0, 4151587.4,	4.4,	170.7,	1.5);	(565672.0, 4151587.4,	4.3,	170.7,	1.5);
(565712.0, 4151587.4,	3.8,	3.8,	1.5);	(565722.0, 4151587.4,	3.8,	3.8,	1.5);
(565732.0, 4151587.4,	3.8,	3.8,	1.5);	(565742.0, 4151587.4,	3.7,	3.7,	1.5);
(565752.0, 4151587.4,	3.6,	3.6,	1.5);	(565762.0, 4151587.4,	3.5,	3.5,	1.5);
(565772.0, 4151587.4,	3.4,	3.4,	1.5);	(565782.0, 4151587.4,	3.3,	3.3,	1.5);
(565792.0, 4151587.4,	3.3,	3.3,	1.5);	(565822.0, 4151587.4,	3.1,	3.1,	1.5);
(565832.0, 4151587.4,	3.1,	3.1,	1.5);	(565842.0, 4151587.4,	3.0,	3.0,	1.5);
(565522.0, 4151597.4,	5.5,	172.0,	1.5);	(565532.0, 4151597.4,	5.5,	172.0,	1.5);
(565542.0, 4151597.4,	5.5,	172.0,	1.5);	(565552.0, 4151597.4,	5.4,	172.0,	1.5);
(565562.0, 4151597.4,	5.3,	172.0,	1.5);	(565652.0, 4151597.4,	4.5,	171.5,	1.5);
(565662.0, 4151597.4,	4.3,	170.7,	1.5);	(565672.0, 4151597.4,	4.2,	170.7,	1.5);
(565682.0, 4151597.4,	4.1,	4.1,	1.5);	(565722.0, 4151597.4,	3.7,	3.7,	1.5);
(565732.0, 4151597.4,	3.7,	3.7,	1.5);	(565742.0, 4151597.4,	3.6,	3.6,	1.5);
(565752.0, 4151597.4,	3.5,	3.5,	1.5);	(565762.0, 4151597.4,	3.4,	3.4,	1.5);
(565772.0, 4151597.4,	3.4,	3.4,	1.5);	(565782.0, 4151597.4,	3.3,	3.3,	1.5);

(565792.0, 4151597.4,	3.2,	3.2,	1.5);	(565802.0, 4151597.4,	3.1,	3.1,	1.5);
(565832.0, 4151597.4,	2.9,	2.9,	1.5);	(565842.0, 4151597.4,	2.9,	2.9,	1.5);
(565852.0, 4151597.4,	3.0,	3.0,	1.5);	(565892.0, 4151597.4,	2.8,	2.8,	1.5);
*** AERMOD - VERSION 22112	***	*** Construction HRA, Residential Receptors				***	06/26/23
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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data							

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

(565532.0, 4151607.4,	5.3,	172.0,	1.5);	(565542.0, 4151607.4,	5.3,	172.0,	1.5);
(565552.0, 4151607.4,	5.2,	172.0,	1.5);	(565562.0, 4151607.4,	5.1,	172.0,	1.5);
(565642.0, 4151607.4,	4.5,	171.5,	1.5);	(565652.0, 4151607.4,	4.4,	171.5,	1.5);
(565662.0, 4151607.4,	4.3,	170.7,	1.5);	(565672.0, 4151607.4,	4.2,	170.7,	1.5);
(565682.0, 4151607.4,	4.1,	4.1,	1.5);	(565692.0, 4151607.4,	3.9,	3.9,	1.5);
(565702.0, 4151607.4,	3.7,	3.7,	1.5);	(565732.0, 4151607.4,	3.6,	3.6,	1.5);
(565742.0, 4151607.4,	3.5,	3.5,	1.5);	(565752.0, 4151607.4,	3.4,	3.4,	1.5);
(565762.0, 4151607.4,	3.3,	3.3,	1.5);	(565772.0, 4151607.4,	3.3,	3.3,	1.5);
(565782.0, 4151607.4,	3.2,	3.2,	1.5);	(565792.0, 4151607.4,	3.2,	3.2,	1.5);
(565802.0, 4151607.4,	3.1,	3.1,	1.5);	(565812.0, 4151607.4,	3.0,	3.0,	1.5);
(565842.0, 4151607.4,	2.9,	2.9,	1.5);	(565852.0, 4151607.4,	2.9,	2.9,	1.5);
(565862.0, 4151607.4,	2.9,	2.9,	1.5);	(565502.0, 4151617.4,	5.5,	172.0,	1.5);
(565512.0, 4151617.4,	5.3,	172.0,	1.5);	(565552.0, 4151617.4,	5.0,	172.0,	1.5);
(565572.0, 4151617.4,	4.8,	172.0,	1.5);	(565582.0, 4151617.4,	4.7,	172.0,	1.5);
(565672.0, 4151617.4,	4.1,	170.7,	1.5);	(565682.0, 4151617.4,	4.0,	4.0,	1.5);
(565692.0, 4151617.4,	3.9,	3.9,	1.5);	(565702.0, 4151617.4,	3.7,	3.7,	1.5);
(565712.0, 4151617.4,	3.6,	3.6,	1.5);	(565742.0, 4151617.4,	3.4,	3.4,	1.5);
(565752.0, 4151617.4,	3.3,	3.3,	1.5);	(565762.0, 4151617.4,	3.3,	3.3,	1.5);
(565772.0, 4151617.4,	3.2,	3.2,	1.5);	(565782.0, 4151617.4,	3.2,	3.2,	1.5);
(565792.0, 4151617.4,	3.1,	3.1,	1.5);	(565802.0, 4151617.4,	3.0,	3.0,	1.5);
(565812.0, 4151617.4,	3.0,	3.0,	1.5);	(565822.0, 4151617.4,	2.9,	2.9,	1.5);
(565852.0, 4151617.4,	2.8,	2.8,	1.5);	(565862.0, 4151617.4,	2.8,	2.8,	1.5);
(565872.0, 4151617.4,	2.8,	2.8,	1.5);	(565482.0, 4151627.4,	5.8,	172.0,	1.5);
(565492.0, 4151627.4,	5.6,	172.0,	1.5);	(565502.0, 4151627.4,	5.5,	172.0,	1.5);
(565512.0, 4151627.4,	5.3,	172.0,	1.5);	(565522.0, 4151627.4,	5.1,	172.0,	1.5);
(565572.0, 4151627.4,	4.6,	172.0,	1.5);	(565582.0, 4151627.4,	4.5,	172.0,	1.5);
(565592.0, 4151627.4,	4.5,	172.0,	1.5);	(565682.0, 4151627.4,	4.0,	4.0,	1.5);
(565692.0, 4151627.4,	3.8,	3.8,	1.5);	(565702.0, 4151627.4,	3.6,	3.6,	1.5);
(565712.0, 4151627.4,	3.5,	3.5,	1.5);	(565722.0, 4151627.4,	3.5,	3.5,	1.5);
(565752.0, 4151627.4,	3.3,	3.3,	1.5);	(565762.0, 4151627.4,	3.2,	3.2,	1.5);
(565772.0, 4151627.4,	3.2,	3.2,	1.5);	(565782.0, 4151627.4,	3.1,	3.1,	1.5);
(565792.0, 4151627.4,	3.1,	3.1,	1.5);	(565802.0, 4151627.4,	3.0,	3.0,	1.5);
(565812.0, 4151627.4,	3.0,	3.0,	1.5);	(565822.0, 4151627.4,	2.9,	2.9,	1.5);
(565832.0, 4151627.4,	2.9,	2.9,	1.5);	(565862.0, 4151627.4,	2.8,	2.8,	1.5);
(565872.0, 4151627.4,	2.8,	2.8,	1.5);	(565882.0, 4151627.4,	2.7,	2.7,	1.5);
(565482.0, 4151637.4,	5.7,	172.0,	1.5);	(565492.0, 4151637.4,	5.5,	172.0,	1.5);
(565502.0, 4151637.4,	5.4,	172.0,	1.5);	(565512.0, 4151637.4,	5.2,	172.0,	1.5);
(565522.0, 4151637.4,	5.0,	172.0,	1.5);	(565572.0, 4151637.4,	4.5,	172.0,	1.5);
(565582.0, 4151637.4,	4.3,	172.0,	1.5);	(565592.0, 4151637.4,	4.3,	172.0,	1.5);

(565602.0, 4151637.4,	4.3,	172.0,	1.5);	(565702.0, 4151637.4,	3.6,	3.6,	1.5);
(565712.0, 4151637.4,	3.5,	3.5,	1.5);	(565722.0, 4151637.4,	3.4,	3.4,	1.5);
(565732.0, 4151637.4,	3.3,	3.3,	1.5);	(565772.0, 4151637.4,	3.1,	3.1,	1.5);
(565782.0, 4151637.4,	3.1,	3.1,	1.5);	(565792.0, 4151637.4,	3.0,	3.0,	1.5);
(565802.0, 4151637.4,	3.0,	3.0,	1.5);	(565812.0, 4151637.4,	2.9,	2.9,	1.5);
(565822.0, 4151637.4,	2.9,	2.9,	1.5);	(565832.0, 4151637.4,	2.9,	2.9,	1.5);

*** AERMOD - VERSION 22112 *** *** Construction HRA, Residential Receptors

*** AERMET - VERSION 18081 *** *** 501 Industrial Road Hotel EIR

*** 06/26/23

*** 07:03:09

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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

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

(565842.0, 4151637.4,	2.8,	2.8,	1.5);	(565882.0, 4151637.4,	2.7,	2.7,	1.5);
(565892.0, 4151637.4,	2.7,	2.7,	1.5);	(565472.0, 4151647.4,	5.7,	172.0,	1.5);
(565482.0, 4151647.4,	5.6,	172.0,	1.5);	(565492.0, 4151647.4,	5.5,	172.0,	1.5);
(565502.0, 4151647.4,	5.3,	172.0,	1.5);	(565512.0, 4151647.4,	5.1,	172.0,	1.5);
(565552.0, 4151647.4,	4.6,	172.0,	1.5);	(565572.0, 4151647.4,	4.3,	172.0,	1.5);
(565582.0, 4151647.4,	4.2,	172.0,	1.5);	(565592.0, 4151647.4,	4.1,	172.0,	1.5);
(565602.0, 4151647.4,	4.2,	172.0,	1.5);	(565612.0, 4151647.4,	4.2,	172.0,	1.5);
(565712.0, 4151647.4,	3.5,	3.5,	1.5);	(565722.0, 4151647.4,	3.4,	3.4,	1.5);
(565732.0, 4151647.4,	3.2,	3.2,	1.5);	(565742.0, 4151647.4,	3.2,	3.2,	1.5);
(565782.0, 4151647.4,	3.0,	3.0,	1.5);	(565792.0, 4151647.4,	3.0,	3.0,	1.5);
(565802.0, 4151647.4,	3.0,	3.0,	1.5);	(565812.0, 4151647.4,	2.9,	2.9,	1.5);
(565822.0, 4151647.4,	2.9,	2.9,	1.5);	(565832.0, 4151647.4,	2.8,	2.8,	1.5);
(565842.0, 4151647.4,	2.8,	2.8,	1.5);	(565852.0, 4151647.4,	2.8,	2.8,	1.5);
(565862.0, 4151647.4,	2.8,	2.8,	1.5);	(565892.0, 4151647.4,	2.6,	2.6,	1.5);
(565452.0, 4151657.4,	5.9,	172.0,	1.5);	(565462.0, 4151657.4,	5.7,	172.0,	1.5);
(565472.0, 4151657.4,	5.6,	172.0,	1.5);	(565482.0, 4151657.4,	5.5,	172.0,	1.5);
(565492.0, 4151657.4,	5.4,	172.0,	1.5);	(565502.0, 4151657.4,	5.2,	172.0,	1.5);
(565512.0, 4151657.4,	5.0,	172.0,	1.5);	(565542.0, 4151657.4,	4.7,	172.0,	1.5);
(565552.0, 4151657.4,	4.6,	172.0,	1.5);	(565592.0, 4151657.4,	4.0,	172.0,	1.5);
(565602.0, 4151657.4,	4.0,	172.0,	1.5);	(565612.0, 4151657.4,	4.1,	172.0,	1.5);
(565622.0, 4151657.4,	4.0,	172.0,	1.5);	(565722.0, 4151657.4,	3.3,	3.3,	1.5);
(565732.0, 4151657.4,	3.2,	3.2,	1.5);	(565742.0, 4151657.4,	3.1,	3.1,	1.5);
(565752.0, 4151657.4,	3.1,	3.1,	1.5);	(565792.0, 4151657.4,	2.9,	2.9,	1.5);
(565802.0, 4151657.4,	2.9,	2.9,	1.5);	(565812.0, 4151657.4,	2.9,	2.9,	1.5);
(565822.0, 4151657.4,	2.8,	2.8,	1.5);	(565832.0, 4151657.4,	2.8,	2.8,	1.5);
(565842.0, 4151657.4,	2.8,	2.8,	1.5);	(565452.0, 4151667.4,	5.8,	172.0,	1.5);
(565462.0, 4151667.4,	5.6,	172.0,	1.5);	(565472.0, 4151667.4,	5.5,	172.0,	1.5);
(565482.0, 4151667.4,	5.3,	172.0,	1.5);	(565492.0, 4151667.4,	5.2,	172.0,	1.5);
(565502.0, 4151667.4,	5.1,	172.0,	1.5);	(565522.0, 4151667.4,	5.0,	172.0,	1.5);
(565532.0, 4151667.4,	5.0,	172.0,	1.5);	(565542.0, 4151667.4,	4.8,	172.0,	1.5);
(565552.0, 4151667.4,	4.6,	172.0,	1.5);	(565562.0, 4151667.4,	4.3,	172.0,	1.5);
(565572.0, 4151667.4,	4.1,	172.0,	1.5);	(565592.0, 4151667.4,	3.9,	172.0,	1.5);
(565602.0, 4151667.4,	3.9,	172.0,	1.5);	(565612.0, 4151667.4,	3.9,	172.0,	1.5);
(565622.0, 4151667.4,	3.9,	172.0,	1.5);	(565632.0, 4151667.4,	3.9,	172.0,	1.5);
(565732.0, 4151667.4,	3.1,	3.1,	1.5);	(565742.0, 4151667.4,	3.1,	3.1,	1.5);
(565752.0, 4151667.4,	3.0,	3.0,	1.5);	(565762.0, 4151667.4,	2.9,	2.9,	1.5);

(565802.0, 4151667.4,	2.9,	2.9,	1.5);	(565812.0, 4151667.4,	2.9,	2.9,	1.5);
(565822.0, 4151667.4,	2.8,	2.8,	1.5);	(565832.0, 4151667.4,	2.8,	2.8,	1.5);
(565842.0, 4151667.4,	2.8,	2.8,	1.5);	(565432.0, 4151677.4,	6.0,	172.0,	1.5);
(565442.0, 4151677.4,	5.8,	172.0,	1.5);	(565452.0, 4151677.4,	5.7,	172.0,	1.5);
(565462.0, 4151677.4,	5.6,	172.0,	1.5);	(565472.0, 4151677.4,	5.3,	172.0,	1.5);
(565482.0, 4151677.4,	5.0,	172.0,	1.5);	(565492.0, 4151677.4,	5.0,	172.0,	1.5);
(565522.0, 4151677.4,	5.2,	172.0,	1.5);	(565532.0, 4151677.4,	5.1,	172.0,	1.5);
(565542.0, 4151677.4,	4.9,	172.0,	1.5);	(565552.0, 4151677.4,	4.6,	172.0,	1.5);
(565562.0, 4151677.4,	4.3,	172.0,	1.5);	(565572.0, 4151677.4,	4.1,	172.0,	1.5);
*** AERMOD - VERSION 22112	***	*** Construction HRA, Residential Receptors				***	06/26/23
*** AERMET - VERSION 18081	***	*** 501 Industrial Road Hotel EIR				***	07:03:09
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*** MODELOPTs: NonDFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

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

(565602.0, 4151677.4,	3.8,	172.0,	1.5);	(565612.0, 4151677.4,	3.8,	172.0,	1.5);
(565622.0, 4151677.4,	3.8,	172.0,	1.5);	(565632.0, 4151677.4,	3.8,	172.0,	1.5);
(565642.0, 4151677.4,	3.7,	172.0,	1.5);	(565732.0, 4151677.4,	3.2,	3.2,	1.5);
(565742.0, 4151677.4,	3.1,	3.1,	1.5);	(565752.0, 4151677.4,	3.0,	3.0,	1.5);
(565762.0, 4151677.4,	2.9,	2.9,	1.5);	(565772.0, 4151677.4,	2.9,	2.9,	1.5);
(565782.0, 4151677.4,	2.8,	2.8,	1.5);	(565812.0, 4151677.4,	2.8,	2.8,	1.5);
(565822.0, 4151677.4,	2.8,	2.8,	1.5);	(565832.0, 4151677.4,	2.8,	2.8,	1.5);
(565842.0, 4151677.4,	2.8,	2.8,	1.5);	(565432.0, 4151687.4,	5.9,	172.0,	1.5);
(565442.0, 4151687.4,	5.7,	172.0,	1.5);	(565452.0, 4151687.4,	5.6,	172.0,	1.5);
(565462.0, 4151687.4,	5.5,	172.0,	1.5);	(565472.0, 4151687.4,	5.1,	172.0,	1.5);
(565482.0, 4151687.4,	4.8,	172.0,	1.5);	(565502.0, 4151687.4,	5.1,	172.0,	1.5);
(565512.0, 4151687.4,	5.3,	172.0,	1.5);	(565522.0, 4151687.4,	5.3,	172.0,	1.5);
(565532.0, 4151687.4,	5.3,	172.0,	1.5);	(565542.0, 4151687.4,	5.0,	172.0,	1.5);
(565552.0, 4151687.4,	4.6,	172.0,	1.5);	(565562.0, 4151687.4,	4.3,	172.0,	1.5);
(565572.0, 4151687.4,	4.1,	172.0,	1.5);	(565582.0, 4151687.4,	4.0,	172.0,	1.5);
(565612.0, 4151687.4,	3.6,	172.0,	1.5);	(565622.0, 4151687.4,	3.6,	172.0,	1.5);
(565632.0, 4151687.4,	3.7,	172.0,	1.5);	(565642.0, 4151687.4,	3.6,	172.0,	1.5);
(565652.0, 4151687.4,	3.5,	171.5,	1.5);	(565732.0, 4151687.4,	3.3,	3.3,	1.5);
(565742.0, 4151687.4,	3.1,	3.1,	1.5);	(565752.0, 4151687.4,	3.0,	3.0,	1.5);
(565762.0, 4151687.4,	2.9,	2.9,	1.5);	(565772.0, 4151687.4,	2.8,	2.8,	1.5);
(565782.0, 4151687.4,	2.8,	2.8,	1.5);	(565792.0, 4151687.4,	2.8,	2.8,	1.5);
(565822.0, 4151687.4,	2.7,	2.7,	1.5);	(565832.0, 4151687.4,	2.7,	2.7,	1.5);
(565842.0, 4151687.4,	2.8,	2.8,	1.5);	(565412.0, 4151697.4,	6.2,	172.0,	1.5);
(565422.0, 4151697.4,	6.0,	172.0,	1.5);	(565432.0, 4151697.4,	5.8,	172.0,	1.5);
(565442.0, 4151697.4,	5.6,	172.0,	1.5);	(565452.0, 4151697.4,	5.5,	172.0,	1.5);
(565462.0, 4151697.4,	5.4,	172.0,	1.5);	(565472.0, 4151697.4,	5.0,	172.0,	1.5);
(565492.0, 4151697.4,	4.6,	172.0,	1.5);	(565502.0, 4151697.4,	5.0,	172.0,	1.5);
(565512.0, 4151697.4,	5.2,	172.0,	1.5);	(565522.0, 4151697.4,	5.3,	172.0,	1.5);
(565532.0, 4151697.4,	5.3,	172.0,	1.5);	(565542.0, 4151697.4,	5.0,	172.0,	1.5);
(565552.0, 4151697.4,	4.6,	172.0,	1.5);	(565562.0, 4151697.4,	4.3,	172.0,	1.5);
(565572.0, 4151697.4,	4.1,	172.0,	1.5);	(565582.0, 4151697.4,	4.0,	172.0,	1.5);
(565592.0, 4151697.4,	3.8,	172.0,	1.5);	(565622.0, 4151697.4,	3.5,	172.0,	1.5);
(565632.0, 4151697.4,	3.6,	172.0,	1.5);	(565642.0, 4151697.4,	3.5,	172.0,	1.5);

(565652.0, 4151697.4,	3.4,	171.5,	1.5);	(565662.0, 4151697.4,	3.3,	171.5,	1.5);
(565732.0, 4151697.4,	3.3,	3.3,	1.5);	(565742.0, 4151697.4,	3.2,	3.2,	1.5);
(565752.0, 4151697.4,	3.0,	3.0,	1.5);	(565762.0, 4151697.4,	2.9,	2.9,	1.5);
(565772.0, 4151697.4,	2.8,	2.8,	1.5);	(565782.0, 4151697.4,	2.8,	2.8,	1.5);
(565792.0, 4151697.4,	2.8,	2.8,	1.5);	(565802.0, 4151697.4,	2.7,	2.7,	1.5);
(565832.0, 4151697.4,	2.7,	2.7,	1.5);	(565402.0, 4151707.4,	6.2,	172.0,	1.5);
(565412.0, 4151707.4,	6.1,	172.0,	1.5);	(565422.0, 4151707.4,	5.9,	172.0,	1.5);
(565432.0, 4151707.4,	5.7,	172.0,	1.5);	(565442.0, 4151707.4,	5.5,	172.0,	1.5);
(565452.0, 4151707.4,	5.4,	172.0,	1.5);	(565462.0, 4151707.4,	5.2,	172.0,	1.5);
(565472.0, 4151707.4,	4.9,	172.0,	1.5);	(565502.0, 4151707.4,	4.7,	172.0,	1.5);
(565512.0, 4151707.4,	4.8,	172.0,	1.5);	(565522.0, 4151707.4,	4.9,	172.0,	1.5);
(565532.0, 4151707.4,	5.0,	172.0,	1.5);	(565542.0, 4151707.4,	4.9,	172.0,	1.5);
*** AERMOT - VERSION 22112 ***	*** Construction HRA, Residential Receptors			***		06/26/23	
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR			***		07:03:09	
*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data						PAGE 196	

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

(565552.0, 4151707.4,	4.6,	172.0,	1.5);	(565562.0, 4151707.4,	4.3,	172.0,	1.5);
(565572.0, 4151707.4,	4.1,	172.0,	1.5);	(565582.0, 4151707.4,	3.9,	172.0,	1.5);
(565592.0, 4151707.4,	3.8,	172.0,	1.5);	(565602.0, 4151707.4,	3.6,	172.0,	1.5);
(565642.0, 4151707.4,	3.4,	172.0,	1.5);	(565652.0, 4151707.4,	3.3,	171.5,	1.5);
(565662.0, 4151707.4,	3.3,	171.5,	1.5);	(565672.0, 4151707.4,	3.3,	170.7,	1.5);
(565682.0, 4151707.4,	3.3,	170.7,	1.5);	(565722.0, 4151707.4,	3.3,	3.3,	1.5);
(565732.0, 4151707.4,	3.3,	3.3,	1.5);	(565742.0, 4151707.4,	3.2,	3.2,	1.5);
(565752.0, 4151707.4,	3.0,	3.0,	1.5);	(565762.0, 4151707.4,	2.9,	2.9,	1.5);
(565772.0, 4151707.4,	2.9,	2.9,	1.5);	(565782.0, 4151707.4,	2.8,	2.8,	1.5);
(565792.0, 4151707.4,	2.8,	2.8,	1.5);	(565802.0, 4151707.4,	2.7,	2.7,	1.5);
(565392.0, 4151717.4,	6.1,	172.0,	1.5);	(565402.0, 4151717.4,	6.1,	172.0,	1.5);
(565412.0, 4151717.4,	6.1,	172.0,	1.5);	(565422.0, 4151717.4,	5.9,	172.0,	1.5);
(565432.0, 4151717.4,	5.6,	172.0,	1.5);	(565442.0, 4151717.4,	5.5,	172.0,	1.5);
(565452.0, 4151717.4,	5.3,	172.0,	1.5);	(565462.0, 4151717.4,	5.1,	172.0,	1.5);
(565472.0, 4151717.4,	4.8,	172.0,	1.5);	(565502.0, 4151717.4,	4.4,	172.0,	1.5);
(565512.0, 4151717.4,	4.5,	172.0,	1.5);	(565522.0, 4151717.4,	4.6,	172.0,	1.5);
(565532.0, 4151717.4,	4.8,	172.0,	1.5);	(565542.0, 4151717.4,	4.7,	172.0,	1.5);
(565552.0, 4151717.4,	4.5,	172.0,	1.5);	(565562.0, 4151717.4,	4.3,	172.0,	1.5);
(565572.0, 4151717.4,	4.1,	172.0,	1.5);	(565582.0, 4151717.4,	3.9,	172.0,	1.5);
(565592.0, 4151717.4,	3.7,	172.0,	1.5);	(565602.0, 4151717.4,	3.6,	172.0,	1.5);
(565612.0, 4151717.4,	3.5,	172.0,	1.5);	(565652.0, 4151717.4,	3.2,	171.5,	1.5);
(565662.0, 4151717.4,	3.2,	171.5,	1.5);	(565672.0, 4151717.4,	3.2,	170.7,	1.5);
(565682.0, 4151717.4,	3.2,	170.7,	1.5);	(565722.0, 4151717.4,	3.3,	3.3,	1.5);
(565732.0, 4151717.4,	3.3,	3.3,	1.5);	(565742.0, 4151717.4,	3.2,	3.2,	1.5);
(565752.0, 4151717.4,	3.1,	3.1,	1.5);	(565762.0, 4151717.4,	3.0,	3.0,	1.5);
(565772.0, 4151717.4,	2.9,	2.9,	1.5);	(565782.0, 4151717.4,	2.8,	2.8,	1.5);
(565792.0, 4151717.4,	2.8,	2.8,	1.5);	(565802.0, 4151717.4,	2.8,	2.8,	1.5);
(565812.0, 4151717.4,	2.7,	2.7,	1.5);	(565402.0, 4151727.4,	6.0,	172.0,	1.5);
(565412.0, 4151727.4,	6.0,	172.0,	1.5);	(565422.0, 4151727.4,	5.8,	172.0,	1.5);
(565432.0, 4151727.4,	5.6,	172.0,	1.5);	(565442.0, 4151727.4,	5.4,	172.0,	1.5);

(565452.0, 4151727.4,	5.2,	172.0,	1.5);	(565462.0, 4151727.4,	5.0,	172.0,	1.5);
(565472.0, 4151727.4,	4.7,	172.0,	1.5);	(565482.0, 4151727.4,	4.5,	172.0,	1.5);
(565522.0, 4151727.4,	4.3,	172.0,	1.5);	(565532.0, 4151727.4,	4.5,	172.0,	1.5);
(565542.0, 4151727.4,	4.5,	172.0,	1.5);	(565552.0, 4151727.4,	4.4,	172.0,	1.5);
(565562.0, 4151727.4,	4.3,	172.0,	1.5);	(565572.0, 4151727.4,	4.1,	172.0,	1.5);
(565582.0, 4151727.4,	3.9,	172.0,	1.5);	(565592.0, 4151727.4,	3.8,	172.0,	1.5);
(565602.0, 4151727.4,	3.6,	172.0,	1.5);	(565612.0, 4151727.4,	3.5,	172.0,	1.5);
(565622.0, 4151727.4,	3.3,	172.0,	1.5);	(565662.0, 4151727.4,	3.2,	171.5,	1.5);
(565672.0, 4151727.4,	3.2,	170.7,	1.5);	(565682.0, 4151727.4,	3.1,	170.7,	1.5);
(565692.0, 4151727.4,	3.1,	3.1,	1.5);	(565702.0, 4151727.4,	3.0,	3.0,	1.5);
(565732.0, 4151727.4,	3.3,	3.3,	1.5);	(565742.0, 4151727.4,	3.2,	3.2,	1.5);
(565752.0, 4151727.4,	3.1,	3.1,	1.5);	(565412.0, 4151737.4,	5.8,	172.0,	1.5);
(565422.0, 4151737.4,	5.6,	172.0,	1.5);	(565432.0, 4151737.4,	5.4,	172.0,	1.5);
(565442.0, 4151737.4,	5.3,	172.0,	1.5);	(565452.0, 4151737.4,	5.1,	172.0,	1.5);
(565462.0, 4151737.4,	5.0,	172.0,	1.5);	(565472.0, 4151737.4,	4.8,	172.0,	1.5);
*** AERMOD - VERSION 22112	***	*** Construction HRA, Residential Receptors		***			06/26/23
*** AERMET - VERSION 18081	***	*** 501 Industrial Road Hotel EIR		***			07:03:09
							PAGE 197

*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

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

(565482.0, 4151737.4,	4.6,	172.0,	1.5);	(565492.0, 4151737.4,	4.4,	172.0,	1.5);
(565532.0, 4151737.4,	4.2,	172.0,	1.5);	(565542.0, 4151737.4,	4.3,	172.0,	1.5);
(565552.0, 4151737.4,	4.3,	172.0,	1.5);	(565562.0, 4151737.4,	4.3,	172.0,	1.5);
(565572.0, 4151737.4,	4.2,	172.0,	1.5);	(565582.0, 4151737.4,	4.1,	172.0,	1.5);
(565592.0, 4151737.4,	3.9,	172.0,	1.5);	(565602.0, 4151737.4,	3.8,	172.0,	1.5);
(565612.0, 4151737.4,	3.6,	172.0,	1.5);	(565622.0, 4151737.4,	3.4,	172.0,	1.5);
(565632.0, 4151737.4,	3.2,	172.0,	1.5);	(565672.0, 4151737.4,	3.1,	171.5,	1.5);
(565682.0, 4151737.4,	3.0,	170.7,	1.5);	(565692.0, 4151737.4,	3.0,	3.0,	1.5);
(565702.0, 4151737.4,	3.0,	3.0,	1.5);	(565712.0, 4151737.4,	3.0,	3.0,	1.5);
(565372.0, 4151747.4,	6.1,	172.0,	1.5);	(565382.0, 4151747.4,	6.1,	172.0,	1.5);
(565422.0, 4151747.4,	5.4,	172.0,	1.5);	(565432.0, 4151747.4,	5.3,	172.0,	1.5);
(565442.0, 4151747.4,	5.2,	172.0,	1.5);	(565452.0, 4151747.4,	5.1,	172.0,	1.5);
(565462.0, 4151747.4,	5.0,	172.0,	1.5);	(565472.0, 4151747.4,	4.8,	172.0,	1.5);
(565482.0, 4151747.4,	4.7,	172.0,	1.5);	(565492.0, 4151747.4,	4.5,	172.0,	1.5);
(565502.0, 4151747.4,	4.3,	172.0,	1.5);	(565512.0, 4151747.4,	4.2,	172.0,	1.5);
(565542.0, 4151747.4,	4.0,	172.0,	1.5);	(565552.0, 4151747.4,	4.2,	172.0,	1.5);
(565562.0, 4151747.4,	4.3,	172.0,	1.5);	(565572.0, 4151747.4,	4.3,	172.0,	1.5);
(565582.0, 4151747.4,	4.3,	172.0,	1.5);	(565592.0, 4151747.4,	4.1,	172.0,	1.5);
(565602.0, 4151747.4,	3.9,	172.0,	1.5);	(565612.0, 4151747.4,	3.8,	172.0,	1.5);
(565622.0, 4151747.4,	3.5,	172.0,	1.5);	(565632.0, 4151747.4,	3.2,	172.0,	1.5);
(565642.0, 4151747.4,	3.2,	172.0,	1.5);	(565692.0, 4151747.4,	3.0,	3.0,	1.5);
(565702.0, 4151747.4,	3.0,	3.0,	1.5);	(565712.0, 4151747.4,	3.0,	3.0,	1.5);
(565362.0, 4151757.4,	6.0,	172.0,	1.5);	(565372.0, 4151757.4,	6.0,	172.0,	1.5);
(565382.0, 4151757.4,	6.0,	172.0,	1.5);	(565392.0, 4151757.4,	5.9,	172.0,	1.5);
(565402.0, 4151757.4,	5.7,	172.0,	1.5);	(565442.0, 4151757.4,	5.1,	172.0,	1.5);
(565452.0, 4151757.4,	5.0,	172.0,	1.5);	(565462.0, 4151757.4,	5.0,	172.0,	1.5);
(565472.0, 4151757.4,	4.8,	172.0,	1.5);	(565482.0, 4151757.4,	4.7,	172.0,	1.5);

(565492.0, 4151757.4,	4.6,	172.0,	1.5);	(565502.0, 4151757.4,	4.4,	172.0,	1.5);
(565512.0, 4151757.4,	4.2,	172.0,	1.5);	(565552.0, 4151757.4,	4.1,	172.0,	1.5);
(565562.0, 4151757.4,	4.3,	172.0,	1.5);	(565572.0, 4151757.4,	4.3,	172.0,	1.5);
(565582.0, 4151757.4,	4.4,	172.0,	1.5);	(565592.0, 4151757.4,	4.2,	172.0,	1.5);
(565602.0, 4151757.4,	4.1,	172.0,	1.5);	(565612.0, 4151757.4,	3.9,	172.0,	1.5);
(565622.0, 4151757.4,	3.6,	172.0,	1.5);	(565632.0, 4151757.4,	3.2,	172.0,	1.5);
(565642.0, 4151757.4,	3.2,	172.0,	1.5);	(565652.0, 4151757.4,	3.2,	171.5,	1.5);
(565702.0, 4151757.4,	3.0,	3.0,	1.5);	(565712.0, 4151757.4,	2.9,	2.9,	1.5);
(565722.0, 4151757.4,	2.8,	2.8,	1.5);	(565732.0, 4151757.4,	2.6,	2.6,	1.5);
(565362.0, 4151767.4,	5.7,	172.0,	1.5);	(565372.0, 4151767.4,	5.8,	172.0,	1.5);
(565382.0, 4151767.4,	5.8,	172.0,	1.5);	(565392.0, 4151767.4,	5.8,	172.0,	1.5);
(565402.0, 4151767.4,	5.6,	172.0,	1.5);	(565412.0, 4151767.4,	5.4,	172.0,	1.5);
(565442.0, 4151767.4,	4.9,	172.0,	1.5);	(565452.0, 4151767.4,	4.9,	172.0,	1.5);
(565462.0, 4151767.4,	4.8,	172.0,	1.5);	(565472.0, 4151767.4,	4.7,	172.0,	1.5);
(565482.0, 4151767.4,	4.6,	172.0,	1.5);	(565492.0, 4151767.4,	4.5,	172.0,	1.5);
(565502.0, 4151767.4,	4.3,	172.0,	1.5);	(565512.0, 4151767.4,	4.2,	172.0,	1.5);
(565522.0, 4151767.4,	4.0,	172.0,	1.5);	(565562.0, 4151767.4,	4.0,	172.0,	1.5);
(565572.0, 4151767.4,	4.1,	172.0,	1.5);	(565582.0, 4151767.4,	4.1,	172.0,	1.5);
*** AERMOD - VERSION 22112	***	*** Construction HRA, Residential Receptors		***		06/26/23	
*** AERMET - VERSION 18081	***	*** 501 Industrial Road Hotel EIR		***		07:03:09	
						PAGE 198	

*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

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

(565592.0, 4151767.4,	4.1,	172.0,	1.5);	(565602.0, 4151767.4,	4.0,	172.0,	1.5);
(565612.0, 4151767.4,	3.9,	172.0,	1.5);	(565622.0, 4151767.4,	3.7,	172.0,	1.5);
(565632.0, 4151767.4,	3.5,	172.0,	1.5);	(565642.0, 4151767.4,	3.3,	172.0,	1.5);
(565652.0, 4151767.4,	3.2,	171.5,	1.5);	(565662.0, 4151767.4,	3.1,	171.5,	1.5);
(565712.0, 4151767.4,	2.9,	2.9,	1.5);	(565722.0, 4151767.4,	2.7,	2.7,	1.5);
(565732.0, 4151767.4,	2.5,	2.5,	1.5);	(565352.0, 4151777.4,	5.4,	172.0,	1.5);
(565362.0, 4151777.4,	5.4,	172.0,	1.5);	(565372.0, 4151777.4,	5.5,	172.0,	1.5);
(565382.0, 4151777.4,	5.7,	172.0,	1.5);	(565392.0, 4151777.4,	5.7,	172.0,	1.5);
(565402.0, 4151777.4,	5.5,	172.0,	1.5);	(565412.0, 4151777.4,	5.3,	172.0,	1.5);
(565462.0, 4151777.4,	4.8,	172.0,	1.5);	(565472.0, 4151777.4,	4.6,	172.0,	1.5);
(565482.0, 4151777.4,	4.5,	172.0,	1.5);	(565492.0, 4151777.4,	4.4,	172.0,	1.5);
(565502.0, 4151777.4,	4.3,	172.0,	1.5);	(565512.0, 4151777.4,	4.2,	172.0,	1.5);
(565522.0, 4151777.4,	4.1,	172.0,	1.5);	(565532.0, 4151777.4,	4.0,	172.0,	1.5);
(565582.0, 4151777.4,	3.9,	172.0,	1.5);	(565592.0, 4151777.4,	3.9,	172.0,	1.5);
(565602.0, 4151777.4,	4.0,	172.0,	1.5);	(565612.0, 4151777.4,	4.0,	172.0,	1.5);
(565622.0, 4151777.4,	3.8,	172.0,	1.5);	(565632.0, 4151777.4,	3.7,	172.0,	1.5);
(565642.0, 4151777.4,	3.5,	172.0,	1.5);	(565652.0, 4151777.4,	3.2,	171.5,	1.5);
(565662.0, 4151777.4,	3.1,	171.5,	1.5);	(565672.0, 4151777.4,	3.0,	170.7,	1.5);
(565342.0, 4151787.4,	5.2,	172.0,	1.5);	(565352.0, 4151787.4,	5.1,	172.0,	1.5);
(565362.0, 4151787.4,	5.1,	172.0,	1.5);	(565372.0, 4151787.4,	5.3,	172.0,	1.5);
(565382.0, 4151787.4,	5.4,	172.0,	1.5);	(565392.0, 4151787.4,	5.5,	172.0,	1.5);
(565402.0, 4151787.4,	5.4,	172.0,	1.5);	(565412.0, 4151787.4,	5.3,	172.0,	1.5);
(565422.0, 4151787.4,	5.1,	172.0,	1.5);	(565472.0, 4151787.4,	4.5,	172.0,	1.5);
(565482.0, 4151787.4,	4.3,	172.0,	1.5);	(565492.0, 4151787.4,	4.3,	172.0,	1.5);

(565502.0, 4151787.4,	4.2,	172.0,	1.5);	(565512.0, 4151787.4,	4.2,	172.0,	1.5);
(565522.0, 4151787.4,	4.1,	172.0,	1.5);	(565532.0, 4151787.4,	4.1,	172.0,	1.5);
(565542.0, 4151787.4,	3.9,	172.0,	1.5);	(565582.0, 4151787.4,	3.6,	172.0,	1.5);
(565592.0, 4151787.4,	3.8,	172.0,	1.5);	(565602.0, 4151787.4,	3.9,	172.0,	1.5);
(565612.0, 4151787.4,	4.0,	172.0,	1.5);	(565622.0, 4151787.4,	3.9,	172.0,	1.5);
(565632.0, 4151787.4,	3.9,	172.0,	1.5);	(565642.0, 4151787.4,	3.6,	172.0,	1.5);
(565652.0, 4151787.4,	3.2,	171.5,	1.5);	(565662.0, 4151787.4,	3.0,	171.5,	1.5);
(565672.0, 4151787.4,	3.0,	170.7,	1.5);	(565682.0, 4151787.4,	3.0,	170.7,	1.5);
(565352.0, 4151797.4,	5.0,	172.0,	1.5);	(565362.0, 4151797.4,	4.8,	172.0,	1.5);
(565372.0, 4151797.4,	4.9,	172.0,	1.5);	(565382.0, 4151797.4,	5.1,	172.0,	1.5);
(565392.0, 4151797.4,	5.2,	172.0,	1.5);	(565402.0, 4151797.4,	5.2,	172.0,	1.5);
(565412.0, 4151797.4,	5.2,	172.0,	1.5);	(565422.0, 4151797.4,	5.0,	172.0,	1.5);
(565432.0, 4151797.4,	4.8,	172.0,	1.5);	(565482.0, 4151797.4,	4.2,	172.0,	1.5);
(565492.0, 4151797.4,	4.1,	172.0,	1.5);	(565502.0, 4151797.4,	4.1,	172.0,	1.5);
(565512.0, 4151797.4,	4.1,	172.0,	1.5);	(565522.0, 4151797.4,	4.0,	172.0,	1.5);
(565532.0, 4151797.4,	3.9,	172.0,	1.5);	(565542.0, 4151797.4,	3.8,	172.0,	1.5);
(565552.0, 4151797.4,	3.7,	172.0,	1.5);	(565562.0, 4151797.4,	3.6,	172.0,	1.5);
(565592.0, 4151797.4,	3.6,	172.0,	1.5);	(565602.0, 4151797.4,	3.7,	172.0,	1.5);
(565612.0, 4151797.4,	3.8,	172.0,	1.5);	(565622.0, 4151797.4,	3.8,	172.0,	1.5);
(565632.0, 4151797.4,	3.8,	172.0,	1.5);	(565642.0, 4151797.4,	3.6,	172.0,	1.5);
(565652.0, 4151797.4,	3.4,	171.5,	1.5);	(565662.0, 4151797.4,	3.2,	171.5,	1.5);
*** AERMOD - VERSION 22112	***	*** Construction HRA, Residential Receptors		***		06/26/23	
*** AERMET - VERSION 18081	***	*** 501 Industrial Road Hotel EIR		***		07:03:09	
*** MODELOPTs:	NonDEFAULT	CONC	FLAT and ELEV	FLGPOL	URBAN	SigA	Data

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

(565672.0, 4151797.4,	3.0,	170.7,	1.5);	(565682.0, 4151797.4,	2.9,	170.7,	1.5);
(565692.0, 4151797.4,	2.9,	2.9,	1.5);	(565702.0, 4151797.4,	2.8,	2.8,	1.5);
(565322.0, 4151807.4,	5.0,	172.0,	1.5);	(565332.0, 4151807.4,	5.0,	172.0,	1.5);
(565362.0, 4151807.4,	4.6,	172.0,	1.5);	(565372.0, 4151807.4,	4.6,	172.0,	1.5);
(565382.0, 4151807.4,	4.7,	172.0,	1.5);	(565392.0, 4151807.4,	4.8,	172.0,	1.5);
(565402.0, 4151807.4,	5.0,	172.0,	1.5);	(565412.0, 4151807.4,	5.1,	172.0,	1.5);
(565422.0, 4151807.4,	5.0,	172.0,	1.5);	(565432.0, 4151807.4,	4.9,	172.0,	1.5);
(565442.0, 4151807.4,	4.8,	172.0,	1.5);	(565492.0, 4151807.4,	4.0,	172.0,	1.5);
(565502.0, 4151807.4,	4.0,	172.0,	1.5);	(565512.0, 4151807.4,	4.0,	172.0,	1.5);
(565522.0, 4151807.4,	3.9,	172.0,	1.5);	(565532.0, 4151807.4,	3.8,	172.0,	1.5);
(565542.0, 4151807.4,	3.8,	172.0,	1.5);	(565552.0, 4151807.4,	3.8,	172.0,	1.5);
(565562.0, 4151807.4,	3.7,	172.0,	1.5);	(565572.0, 4151807.4,	3.6,	172.0,	1.5);
(565602.0, 4151807.4,	3.5,	172.0,	1.5);	(565612.0, 4151807.4,	3.5,	172.0,	1.5);
(565622.0, 4151807.4,	3.6,	172.0,	1.5);	(565632.0, 4151807.4,	3.7,	172.0,	1.5);
(565642.0, 4151807.4,	3.6,	172.0,	1.5);	(565652.0, 4151807.4,	3.5,	171.5,	1.5);
(565662.0, 4151807.4,	3.3,	171.5,	1.5);	(565672.0, 4151807.4,	3.1,	170.7,	1.5);
(565682.0, 4151807.4,	2.8,	170.7,	1.5);	(565692.0, 4151807.4,	2.8,	2.8,	1.5);
(565702.0, 4151807.4,	2.8,	2.8,	1.5);	(565322.0, 4151817.4,	4.8,	172.0,	1.5);
(565332.0, 4151817.4,	4.9,	172.0,	1.5);	(565342.0, 4151817.4,	4.8,	172.0,	1.5);
(565372.0, 4151817.4,	4.3,	172.0,	1.5);	(565382.0, 4151817.4,	4.4,	172.0,	1.5);
(565392.0, 4151817.4,	4.5,	172.0,	1.5);	(565402.0, 4151817.4,	4.8,	172.0,	1.5);

(565412.0, 4151817.4,	5.0,	172.0,	1.5);	(565422.0, 4151817.4,	5.0,	172.0,	1.5);
(565432.0, 4151817.4,	4.9,	172.0,	1.5);	(565442.0, 4151817.4,	4.7,	172.0,	1.5);
(565452.0, 4151817.4,	4.5,	172.0,	1.5);	(565502.0, 4151817.4,	3.9,	172.0,	1.5);
(565512.0, 4151817.4,	3.8,	172.0,	1.5);	(565522.0, 4151817.4,	3.8,	172.0,	1.5);
(565532.0, 4151817.4,	3.6,	172.0,	1.5);	(565542.0, 4151817.4,	3.7,	172.0,	1.5);
(565552.0, 4151817.4,	3.8,	172.0,	1.5);	(565562.0, 4151817.4,	3.9,	172.0,	1.5);
(565572.0, 4151817.4,	3.7,	172.0,	1.5);	(565582.0, 4151817.4,	3.5,	172.0,	1.5);
(565612.0, 4151817.4,	3.3,	172.0,	1.5);	(565622.0, 4151817.4,	3.5,	172.0,	1.5);
(565632.0, 4151817.4,	3.7,	172.0,	1.5);	(565642.0, 4151817.4,	3.7,	172.0,	1.5);
(565652.0, 4151817.4,	3.7,	171.5,	1.5);	(565662.0, 4151817.4,	3.5,	171.5,	1.5);
(565672.0, 4151817.4,	3.1,	170.7,	1.5);	(565682.0, 4151817.4,	2.7,	170.7,	1.5);
(565692.0, 4151817.4,	2.8,	2.8,	1.5);	(565322.0, 4151827.4,	4.6,	172.0,	1.5);
(565332.0, 4151827.4,	4.6,	172.0,	1.5);	(565342.0, 4151827.4,	4.6,	172.0,	1.5);
(565352.0, 4151827.4,	4.5,	172.0,	1.5);	(565392.0, 4151827.4,	4.4,	172.0,	1.5);
(565402.0, 4151827.4,	4.6,	172.0,	1.5);	(565412.0, 4151827.4,	4.8,	172.0,	1.5);
(565422.0, 4151827.4,	4.7,	172.0,	1.5);	(565432.0, 4151827.4,	4.6,	172.0,	1.5);
(565442.0, 4151827.4,	4.5,	172.0,	1.5);	(565452.0, 4151827.4,	4.3,	172.0,	1.5);
(565462.0, 4151827.4,	4.2,	172.0,	1.5);	(565512.0, 4151827.4,	3.7,	172.0,	1.5);
(565522.0, 4151827.4,	3.7,	172.0,	1.5);	(565532.0, 4151827.4,	3.6,	172.0,	1.5);
(565542.0, 4151827.4,	3.6,	172.0,	1.5);	(565552.0, 4151827.4,	3.6,	172.0,	1.5);
(565562.0, 4151827.4,	3.6,	172.0,	1.5);	(565572.0, 4151827.4,	3.6,	172.0,	1.5);
(565582.0, 4151827.4,	3.5,	172.0,	1.5);	(565592.0, 4151827.4,	3.4,	172.0,	1.5);
(565622.0, 4151827.4,	3.4,	172.0,	1.5);	(565632.0, 4151827.4,	3.4,	172.0,	1.5);
(565642.0, 4151827.4,	3.5,	172.0,	1.5);	(565652.0, 4151827.4,	3.5,	171.5,	1.5);
*** AERMOD - VERSION 22112 ***	***	*** Construction HRA, Residential Receptors		***		06/26/23	
*** AERMET - VERSION 18081 ***	***	*** 501 Industrial Road Hotel EIR		***		07:03:09	
*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data						PAGE 200	

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

(565662.0, 4151827.4,	3.4,	171.5,	1.5);	(565672.0, 4151827.4,	3.1,	170.7,	1.5);
(565322.0, 4151837.4,	4.4,	172.0,	1.5);	(565332.0, 4151837.4,	4.4,	172.0,	1.5);
(565342.0, 4151837.4,	4.3,	172.0,	1.5);	(565352.0, 4151837.4,	4.3,	172.0,	1.5);
(565362.0, 4151837.4,	4.3,	172.0,	1.5);	(565402.0, 4151837.4,	4.4,	172.0,	1.5);
(565412.0, 4151837.4,	4.5,	172.0,	1.5);	(565422.0, 4151837.4,	4.4,	172.0,	1.5);
(565432.0, 4151837.4,	4.4,	172.0,	1.5);	(565442.0, 4151837.4,	4.3,	172.0,	1.5);
(565452.0, 4151837.4,	4.1,	172.0,	1.5);	(565462.0, 4151837.4,	4.0,	172.0,	1.5);
(565472.0, 4151837.4,	3.9,	172.0,	1.5);	(565522.0, 4151837.4,	3.6,	172.0,	1.5);
(565532.0, 4151837.4,	3.6,	172.0,	1.5);	(565542.0, 4151837.4,	3.5,	172.0,	1.5);
(565552.0, 4151837.4,	3.5,	172.0,	1.5);	(565562.0, 4151837.4,	3.4,	172.0,	1.5);
(565572.0, 4151837.4,	3.5,	172.0,	1.5);	(565582.0, 4151837.4,	3.6,	172.0,	1.5);
(565592.0, 4151837.4,	3.5,	172.0,	1.5);	(565602.0, 4151837.4,	3.4,	172.0,	1.5);
(565642.0, 4151837.4,	3.2,	172.0,	1.5);	(565652.0, 4151837.4,	3.3,	171.5,	1.5);
(565662.0, 4151837.4,	3.3,	171.5,	1.5);	(565322.0, 4151847.4,	4.2,	172.0,	1.5);
(565332.0, 4151847.4,	4.1,	172.0,	1.5);	(565342.0, 4151847.4,	4.1,	172.0,	1.5);
(565352.0, 4151847.4,	4.2,	172.0,	1.5);	(565362.0, 4151847.4,	4.3,	172.0,	1.5);
(565372.0, 4151847.4,	4.2,	172.0,	1.5);	(565412.0, 4151847.4,	4.3,	172.0,	1.5);
(565422.0, 4151847.4,	4.2,	172.0,	1.5);	(565432.0, 4151847.4,	4.1,	172.0,	1.5);

(565442.0, 4151847.4,	4.0,	172.0,	1.5);	(565452.0, 4151847.4,	3.9,	172.0,	1.5);
(565462.0, 4151847.4,	3.9,	172.0,	1.5);	(565472.0, 4151847.4,	3.8,	172.0,	1.5);
(565482.0, 4151847.4,	3.8,	172.0,	1.5);	(565532.0, 4151847.4,	3.6,	172.0,	1.5);
(565542.0, 4151847.4,	3.5,	172.0,	1.5);	(565552.0, 4151847.4,	3.3,	172.0,	1.5);
(565562.0, 4151847.4,	3.2,	172.0,	1.5);	(565572.0, 4151847.4,	3.4,	172.0,	1.5);
(565582.0, 4151847.4,	3.6,	172.0,	1.5);	(565592.0, 4151847.4,	3.6,	172.0,	1.5);
(565602.0, 4151847.4,	3.5,	172.0,	1.5);	(565612.0, 4151847.4,	3.4,	172.0,	1.5);
(565652.0, 4151847.4,	3.1,	171.5,	1.5);	(565322.0, 4151857.4,	4.1,	172.0,	1.5);
(565332.0, 4151857.4,	4.0,	172.0,	1.5);	(565342.0, 4151857.4,	4.0,	172.0,	1.5);
(565352.0, 4151857.4,	4.1,	172.0,	1.5);	(565362.0, 4151857.4,	4.1,	172.0,	1.5);
(565372.0, 4151857.4,	4.0,	172.0,	1.5);	(565382.0, 4151857.4,	4.0,	172.0,	1.5);
(565422.0, 4151857.4,	4.1,	172.0,	1.5);	(565432.0, 4151857.4,	4.0,	172.0,	1.5);
(565442.0, 4151857.4,	3.9,	172.0,	1.5);	(565452.0, 4151857.4,	3.9,	172.0,	1.5);
(565462.0, 4151857.4,	3.8,	172.0,	1.5);	(565472.0, 4151857.4,	3.8,	172.0,	1.5);
(565482.0, 4151857.4,	3.7,	172.0,	1.5);	(565492.0, 4151857.4,	3.6,	172.0,	1.5);
(565502.0, 4151857.4,	3.5,	172.0,	1.5);	(565542.0, 4151857.4,	3.3,	172.0,	1.5);
(565552.0, 4151857.4,	3.2,	172.0,	1.5);	(565562.0, 4151857.4,	3.2,	172.0,	1.5);
(565592.0, 4151857.4,	3.5,	172.0,	1.5);	(565602.0, 4151857.4,	3.4,	172.0,	1.5);
(565612.0, 4151857.4,	3.3,	172.0,	1.5);	(565622.0, 4151857.4,	3.0,	172.0,	1.5);
(565322.0, 4151867.4,	4.0,	172.0,	1.5);	(565332.0, 4151867.4,	4.0,	172.0,	1.5);
(565342.0, 4151867.4,	3.9,	172.0,	1.5);	(565352.0, 4151867.4,	3.9,	172.0,	1.5);
(565362.0, 4151867.4,	3.9,	172.0,	1.5);	(565372.0, 4151867.4,	3.9,	172.0,	1.5);
(565382.0, 4151867.4,	4.0,	172.0,	1.5);	(565392.0, 4151867.4,	4.0,	172.0,	1.5);
(565432.0, 4151867.4,	3.9,	172.0,	1.5);	(565442.0, 4151867.4,	3.9,	172.0,	1.5);
(565452.0, 4151867.4,	3.8,	172.0,	1.5);	(565462.0, 4151867.4,	3.7,	172.0,	1.5);
(565472.0, 4151867.4,	3.7,	172.0,	1.5);	(565482.0, 4151867.4,	3.6,	172.0,	1.5);
(565492.0, 4151867.4,	3.5,	172.0,	1.5);	(565502.0, 4151867.4,	3.4,	172.0,	1.5);

*** AERMOD - VERSION 22112 ***
*** AERMET - VERSION 18081 ***

*** Construction HRA, Residential Receptors
*** 501 Industrial Road Hotel EIR

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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

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

(565512.0, 4151867.4,	3.3,	172.0,	1.5);	(565552.0, 4151867.4,	3.2,	172.0,	1.5);
(565602.0, 4151867.4,	3.3,	172.0,	1.5);	(565612.0, 4151867.4,	3.2,	172.0,	1.5);
(565622.0, 4151867.4,	3.0,	172.0,	1.5);	(565332.0, 4151877.4,	3.9,	172.0,	1.5);
(565342.0, 4151877.4,	3.9,	172.0,	1.5);	(565352.0, 4151877.4,	3.8,	172.0,	1.5);
(565362.0, 4151877.4,	3.7,	172.0,	1.5);	(565372.0, 4151877.4,	3.8,	172.0,	1.5);
(565382.0, 4151877.4,	3.9,	172.0,	1.5);	(565392.0, 4151877.4,	3.9,	172.0,	1.5);
(565402.0, 4151877.4,	3.9,	172.0,	1.5);	(565442.0, 4151877.4,	3.8,	172.0,	1.5);
(565452.0, 4151877.4,	3.7,	172.0,	1.5);	(565462.0, 4151877.4,	3.7,	172.0,	1.5);
(565472.0, 4151877.4,	3.6,	172.0,	1.5);	(565482.0, 4151877.4,	3.5,	172.0,	1.5);
(565492.0, 4151877.4,	3.5,	172.0,	1.5);	(565502.0, 4151877.4,	3.3,	172.0,	1.5);
(565512.0, 4151877.4,	3.2,	172.0,	1.5);	(565522.0, 4151877.4,	3.1,	172.0,	1.5);
(565612.0, 4151877.4,	3.1,	172.0,	1.5);	(565622.0, 4151877.4,	2.9,	172.0,	1.5);
(565342.0, 4151887.4,	3.8,	172.0,	1.5);	(565352.0, 4151887.4,	3.8,	172.0,	1.5);
(565362.0, 4151887.4,	3.7,	172.0,	1.5);	(565372.0, 4151887.4,	3.8,	172.0,	1.5);
(565382.0, 4151887.4,	3.8,	172.0,	1.5);	(565392.0, 4151887.4,	3.9,	172.0,	1.5);
(565402.0, 4151887.4,	3.8,	172.0,	1.5);	(565412.0, 4151887.4,	3.8,	172.0,	1.5);
(565452.0, 4151887.4,	3.6,	172.0,	1.5);	(565462.0, 4151887.4,	3.6,	172.0,	1.5);
(565472.0, 4151887.4,	3.5,	172.0,	1.5);	(565482.0, 4151887.4,	3.5,	172.0,	1.5);
(565492.0, 4151887.4,	3.4,	172.0,	1.5);	(565502.0, 4151887.4,	3.3,	172.0,	1.5);
(565512.0, 4151887.4,	3.2,	172.0,	1.5);	(565312.0, 4151897.4,	4.0,	172.0,	1.5);
(565352.0, 4151897.4,	3.7,	172.0,	1.5);	(565362.0, 4151897.4,	3.7,	172.0,	1.5);
(565372.0, 4151897.4,	3.8,	172.0,	1.5);	(565382.0, 4151897.4,	3.8,	172.0,	1.5);
(565392.0, 4151897.4,	3.8,	172.0,	1.5);	(565402.0, 4151897.4,	3.8,	172.0,	1.5);
(565412.0, 4151897.4,	3.7,	172.0,	1.5);	(565422.0, 4151897.4,	3.7,	172.0,	1.5);
(565452.0, 4151897.4,	3.5,	172.0,	1.5);	(565462.0, 4151897.4,	3.5,	172.0,	1.5);
(565472.0, 4151897.4,	3.5,	172.0,	1.5);	(565482.0, 4151897.4,	3.5,	172.0,	1.5);
(565492.0, 4151897.4,	3.4,	172.0,	1.5);	(565502.0, 4151897.4,	3.3,	172.0,	1.5);
(565312.0, 4151907.4,	4.0,	172.0,	1.5);	(565322.0, 4151907.4,	3.9,	172.0,	1.5);
(565362.0, 4151907.4,	3.7,	172.0,	1.5);	(565372.0, 4151907.4,	3.7,	172.0,	1.5);
(565382.0, 4151907.4,	3.7,	172.0,	1.5);	(565392.0, 4151907.4,	3.7,	172.0,	1.5);
(565402.0, 4151907.4,	3.7,	172.0,	1.5);	(565412.0, 4151907.4,	3.7,	172.0,	1.5);
(565422.0, 4151907.4,	3.7,	172.0,	1.5);	(565432.0, 4151907.4,	3.6,	172.0,	1.5);
(565472.0, 4151907.4,	3.5,	172.0,	1.5);	(565482.0, 4151907.4,	3.5,	172.0,	1.5);
(565492.0, 4151907.4,	3.4,	172.0,	1.5);	(565502.0, 4151907.4,	3.3,	172.0,	1.5);
(565312.0, 4151917.4,	3.9,	172.0,	1.5);	(565322.0, 4151917.4,	3.8,	172.0,	1.5);
(565332.0, 4151917.4,	3.7,	172.0,	1.5);	(565372.0, 4151917.4,	3.7,	172.0,	1.5);
(565382.0, 4151917.4,	3.6,	172.0,	1.5);	(565392.0, 4151917.4,	3.6,	172.0,	1.5);
(565402.0, 4151917.4,	3.6,	172.0,	1.5);	(565412.0, 4151917.4,	3.6,	172.0,	1.5);
(565422.0, 4151917.4,	3.6,	172.0,	1.5);	(565432.0, 4151917.4,	3.6,	172.0,	1.5);
(565442.0, 4151917.4,	3.5,	172.0,	1.5);	(565452.0, 4151917.4,	3.4,	172.0,	1.5);
(565482.0, 4151917.4,	3.4,	172.0,	1.5);	(565492.0, 4151917.4,	3.4,	172.0,	1.5);
(565502.0, 4151917.4,	3.3,	172.0,	1.5);	(565512.0, 4151917.4,	3.2,	172.0,	1.5);

(565312.0, 4151927.4,	3.8,	172.0,	1.5);	(565322.0, 4151927.4,	3.8,	172.0,	1.5);
(565332.0, 4151927.4,	3.7,	172.0,	1.5);	(565342.0, 4151927.4,	3.7,	172.0,	1.5);
(565352.0, 4151927.4,	3.7,	172.0,	1.5);	(565372.0, 4151927.4,	3.6,	172.0,	1.5);
*** AERMOD - VERSION 22112	***	*** Construction HRA, Residential Receptors				***	06/26/23
*** AERMET - VERSION 18081	***	*** 501 Industrial Road Hotel EIR				***	07:03:09
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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data							

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

(565382.0, 4151927.4,	3.6,	172.0,	1.5);	(565392.0, 4151927.4,	3.6,	172.0,	1.5);
(565402.0, 4151927.4,	3.6,	172.0,	1.5);	(565412.0, 4151927.4,	3.6,	172.0,	1.5);
(565422.0, 4151927.4,	3.5,	172.0,	1.5);	(565432.0, 4151927.4,	3.5,	172.0,	1.5);
(565442.0, 4151927.4,	3.5,	172.0,	1.5);	(565452.0, 4151927.4,	3.4,	172.0,	1.5);
(565462.0, 4151927.4,	3.4,	172.0,	1.5);	(565482.0, 4151927.4,	3.3,	172.0,	1.5);
(565492.0, 4151927.4,	3.3,	172.0,	1.5);	(565502.0, 4151927.4,	3.3,	172.0,	1.5);
(565512.0, 4151927.4,	3.2,	172.0,	1.5);	(565522.0, 4151927.4,	3.1,	172.0,	1.5);
(565312.0, 4151937.4,	3.6,	172.0,	1.5);	(565322.0, 4151937.4,	3.7,	172.0,	1.5);
(565332.0, 4151937.4,	3.8,	172.0,	1.5);	(565342.0, 4151937.4,	3.8,	172.0,	1.5);
(565352.0, 4151937.4,	3.7,	172.0,	1.5);	(565362.0, 4151937.4,	3.6,	172.0,	1.5);
(565392.0, 4151937.4,	3.5,	172.0,	1.5);	(565402.0, 4151937.4,	3.5,	172.0,	1.5);
(565412.0, 4151937.4,	3.5,	172.0,	1.5);	(565422.0, 4151937.4,	3.5,	172.0,	1.5);
(565432.0, 4151937.4,	3.5,	172.0,	1.5);	(565442.0, 4151937.4,	3.4,	172.0,	1.5);
(565452.0, 4151937.4,	3.4,	172.0,	1.5);	(565462.0, 4151937.4,	3.3,	172.0,	1.5);
(565482.0, 4151937.4,	3.2,	172.0,	1.5);	(565492.0, 4151937.4,	3.2,	172.0,	1.5);
(565502.0, 4151937.4,	3.3,	172.0,	1.5);	(565512.0, 4151937.4,	3.3,	172.0,	1.5);
(565522.0, 4151937.4,	3.1,	172.0,	1.5);	(565312.0, 4151947.4,	3.6,	172.0,	1.5);
(565322.0, 4151947.4,	3.7,	172.0,	1.5);	(565332.0, 4151947.4,	3.7,	172.0,	1.5);
(565342.0, 4151947.4,	3.7,	172.0,	1.5);	(565352.0, 4151947.4,	3.7,	172.0,	1.5);
(565362.0, 4151947.4,	3.7,	172.0,	1.5);	(565372.0, 4151947.4,	3.6,	172.0,	1.5);
(565402.0, 4151947.4,	3.5,	172.0,	1.5);	(565412.0, 4151947.4,	3.4,	172.0,	1.5);
(565422.0, 4151947.4,	3.4,	172.0,	1.5);	(565432.0, 4151947.4,	3.4,	172.0,	1.5);
(565442.0, 4151947.4,	3.4,	172.0,	1.5);	(565452.0, 4151947.4,	3.4,	172.0,	1.5);
(565482.0, 4151947.4,	3.1,	172.0,	1.5);	(565492.0, 4151947.4,	3.2,	172.0,	1.5);
(565502.0, 4151947.4,	3.2,	172.0,	1.5);	(565512.0, 4151947.4,	3.2,	172.0,	1.5);
(565312.0, 4151957.4,	3.6,	172.0,	1.5);	(565322.0, 4151957.4,	3.6,	172.0,	1.5);
(565332.0, 4151957.4,	3.6,	172.0,	1.5);	(565342.0, 4151957.4,	3.6,	172.0,	1.5);
(565352.0, 4151957.4,	3.7,	172.0,	1.5);	(565362.0, 4151957.4,	3.7,	172.0,	1.5);
(565372.0, 4151957.4,	3.6,	172.0,	1.5);	(565382.0, 4151957.4,	3.6,	172.0,	1.5);
(565412.0, 4151957.4,	3.3,	172.0,	1.5);	(565422.0, 4151957.4,	3.3,	172.0,	1.5);
(565432.0, 4151957.4,	3.3,	172.0,	1.5);	(565462.0, 4151957.4,	3.3,	172.0,	1.5);
(565472.0, 4151957.4,	3.2,	172.0,	1.5);	(565482.0, 4151957.4,	3.1,	172.0,	1.5);
(565492.0, 4151957.4,	3.0,	172.0,	1.5);	(565502.0, 4151957.4,	3.0,	172.0,	1.5);
(565312.0, 4151967.4,	3.6,	172.0,	1.5);	(565322.0, 4151967.4,	3.6,	172.0,	1.5);
(565332.0, 4151967.4,	3.5,	172.0,	1.5);	(565342.0, 4151967.4,	3.5,	172.0,	1.5);
(565352.0, 4151967.4,	3.6,	172.0,	1.5);	(565362.0, 4151967.4,	3.7,	172.0,	1.5);
(565372.0, 4151967.4,	3.7,	172.0,	1.5);	(565382.0, 4151967.4,	3.6,	172.0,	1.5);
(565452.0, 4151967.4,	3.3,	172.0,	1.5);	(565462.0, 4151967.4,	3.3,	172.0,	1.5);
(565472.0, 4151967.4,	3.2,	172.0,	1.5);	(565482.0, 4151967.4,	3.0,	172.0,	1.5);

(565492.0, 4151967.4,	2.9,	172.0,	1.5);	(565322.0, 4151977.4,	3.5,	172.0,	1.5);
(565332.0, 4151977.4,	3.4,	172.0,	1.5);	(565342.0, 4151977.4,	3.5,	172.0,	1.5);
(565352.0, 4151977.4,	3.5,	172.0,	1.5);	(565362.0, 4151977.4,	3.6,	172.0,	1.5);
(565372.0, 4151977.4,	3.6,	172.0,	1.5);	(565382.0, 4151977.4,	3.6,	172.0,	1.5);
(565432.0, 4151977.4,	3.1,	172.0,	1.5);	(565442.0, 4151977.4,	3.1,	172.0,	1.5);
(565452.0, 4151977.4,	3.1,	172.0,	1.5);	(565462.0, 4151977.4,	3.1,	172.0,	1.5);
*** AERMOD - VERSION 22112 ***	*** Construction HRA, Residential Receptors				***	06/26/23	
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR				***	07:03:09	
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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data							

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

(565472.0, 4151977.4,	3.1,	172.0,	1.5);	(565482.0, 4151977.4,	3.0,	172.0,	1.5);
(565332.0, 4151987.4,	3.4,	172.0,	1.5);	(565342.0, 4151987.4,	3.4,	172.0,	1.5);
(565352.0, 4151987.4,	3.5,	172.0,	1.5);	(565362.0, 4151987.4,	3.5,	172.0,	1.5);
(565402.0, 4151987.4,	3.4,	172.0,	1.5);	(565412.0, 4151987.4,	3.3,	172.0,	1.5);
(565422.0, 4151987.4,	3.2,	172.0,	1.5);	(565432.0, 4151987.4,	3.0,	172.0,	1.5);
(565442.0, 4151987.4,	3.0,	172.0,	1.5);	(565452.0, 4151987.4,	2.9,	172.0,	1.5);
(565462.0, 4151987.4,	2.9,	172.0,	1.5);	(565472.0, 4151987.4,	2.9,	172.0,	1.5);
(565372.0, 4151997.4,	3.5,	172.0,	1.5);	(565382.0, 4151997.4,	3.5,	172.0,	1.5);
(565392.0, 4151997.4,	3.5,	172.0,	1.5);	(565402.0, 4151997.4,	3.4,	172.0,	1.5);
(565412.0, 4151997.4,	3.4,	172.0,	1.5);	(565422.0, 4151997.4,	3.1,	172.0,	1.5);
(565432.0, 4151997.4,	2.9,	172.0,	1.5);	(565442.0, 4151997.4,	2.8,	172.0,	1.5);
(565452.0, 4151997.4,	2.7,	172.0,	1.5);	(565462.0, 4151997.4,	2.7,	172.0,	1.5);
(565342.0, 4152007.4,	3.2,	172.0,	1.5);	(565352.0, 4152007.4,	3.2,	172.0,	1.5);
(565362.0, 4152007.4,	3.2,	172.0,	1.5);	(565372.0, 4152007.4,	3.3,	172.0,	1.5);
(565382.0, 4152007.4,	3.3,	172.0,	1.5);	(565392.0, 4152007.4,	3.3,	172.0,	1.5);
(565402.0, 4152007.4,	3.3,	172.0,	1.5);	(565412.0, 4152007.4,	3.3,	172.0,	1.5);
(565422.0, 4152007.4,	3.1,	172.0,	1.5);	(565432.0, 4152007.4,	2.9,	172.0,	1.5);
(565442.0, 4152007.4,	2.8,	172.0,	1.5);	(565332.0, 4152017.4,	3.3,	172.0,	1.5);
(565342.0, 4152017.4,	3.2,	172.0,	1.5);	(565352.0, 4152017.4,	3.1,	172.0,	1.5);
(565362.0, 4152017.4,	3.0,	172.0,	1.5);	(565372.0, 4152017.4,	3.0,	172.0,	1.5);
(565382.0, 4152017.4,	3.0,	172.0,	1.5);	(565392.0, 4152017.4,	3.0,	172.0,	1.5);
(565402.0, 4152017.4,	3.1,	172.0,	1.5);	(565412.0, 4152017.4,	3.1,	172.0,	1.5);
(565332.0, 4152027.4,	3.3,	172.0,	1.5);	(565342.0, 4152027.4,	3.2,	172.0,	1.5);
(565352.0, 4152027.4,	3.0,	172.0,	1.5);	(565362.0, 4152027.4,	2.8,	172.0,	1.5);
(565372.0, 4152027.4,	2.7,	172.0,	1.5);	(565382.0, 4152027.4,	2.6,	172.0,	1.5);
(565332.0, 4152037.4,	3.3,	172.0,	1.5);	(565342.0, 4152037.4,	3.2,	172.0,	1.5);
(565352.0, 4152037.4,	3.0,	172.0,	1.5);				

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
L0000750	565622.0 4151877.4	-2.86
L0000751	565622.0 4151877.4	0.95
L0000752	565652.0 4151847.4	-0.13
L0000753	565662.0 4151837.4	-0.48
L0000754	565692.0 4151817.4	0.82
L0000755	565702.0 4151807.4	-2.38
L0000755	565692.0 4151817.4	-4.12
L0000756	565702.0 4151807.4	0.09
L0000762	565802.0 4151717.4	-1.96
L0000762	565812.0 4151717.4	-8.62
L0000763	565832.0 4151697.4	-3.68
L0000763	565812.0 4151717.4	0.43
L0000764	565832.0 4151687.4	0.71
L0000764	565842.0 4151687.4	-5.83
L0000764	565832.0 4151697.4	-3.60
L0000767	565892.0 4151647.4	-8.28
L0000808	565512.0 4151867.4	0.45
L0000809	565502.0 4151857.4	-0.26
L0000817	565442.0 4151767.4	0.18
L0000819	565412.0 4151767.4	-3.83
L0000820	565402.0 4151757.4	-3.89
L0000821	565412.0 4151737.4	0.74
L0000821	565402.0 4151757.4	0.71
L0000822	565402.0 4151727.4	-0.17
L0000894	565622.0 4151877.4	-2.86
L0000895	565622.0 4151877.4	0.95
L0000896	565652.0 4151847.4	-0.13
L0000897	565662.0 4151837.4	-0.48
L0000898	565692.0 4151817.4	0.82
L0000899	565702.0 4151807.4	-2.38
L0000899	565692.0 4151817.4	-4.12
L0000900	565702.0 4151807.4	0.09
L0000906	565802.0 4151717.4	-1.96
L0000906	565812.0 4151717.4	-8.62
L0000907	565832.0 4151697.4	-3.68
L0000907	565812.0 4151717.4	0.43
L0000908	565832.0 4151687.4	0.71
L0000908	565842.0 4151687.4	-5.83
L0000908	565832.0 4151697.4	-3.60
L0000911	565892.0 4151647.4	-8.28

*** AERMOD - VERSION 22112 *** *** Construction HRA, Residential Receptors
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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
L0000863	565512.0 4151867.4	0.45
L0000864	565502.0 4151857.4	-0.26
L0000872	565442.0 4151767.4	0.18
L0000874	565412.0 4151767.4	-3.83
L0000875	565402.0 4151757.4	-3.89
L0000876	565412.0 4151737.4	0.74
L0000876	565402.0 4151757.4	0.71
L0000877	565402.0 4151727.4	-0.17

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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data			

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

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
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
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
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
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
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
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
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1			

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

```

Surface file:    ..\San Carlos Airport - 1.5 m\SanCarlos_2012-2015_2017.SFC
Profile file:    ..\San Carlos Airport - 1.5 m\SanCarlos_2012-2015_2017.PFL
Surface format:  FREE
Profile format:  FREE
Surface station no.: 23254
Upper air station no.: 23230
Name: UNKNOWN
Year: 2012
Name: OAKLAND/WSO_AP
Year: 2012

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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
12	01	01	1	01	-1.0	0.034	-9.000	-9.000	-999.	15.		3.7	0.04	0.60	1.00	1.00	114.	15.0	281.1	8.8
12	01	01	1	02	-4.8	0.085	-9.000	-9.000	-999.	59.		11.3	0.34	0.60	1.00	1.60	229.	15.0	280.2	8.8
12	01	01	1	03	-4.6	0.079	-9.000	-9.000	-999.	54.		9.9	0.34	0.60	1.00	1.50	171.	15.0	280.0	8.8
12	01	01	1	04	-1.8	0.048	-9.000	-9.000	-999.	25.		5.7	0.23	0.60	1.00	1.00	250.	15.0	278.6	8.8
12	01	01	1	05	-7.3	0.100	-9.000	-9.000	-999.	76.		12.5	0.34	0.60	1.00	1.90	191.	15.0	278.5	8.8
12	01	01	1	06	-10.5	0.121	-9.000	-9.000	-999.	102.		15.6	0.34	0.60	1.00	2.30	166.	15.0	280.2	8.8
12	01	01	1	07	-7.9	0.106	-9.000	-9.000	-999.	82.		13.6	0.34	0.60	1.00	2.00	172.	15.0	280.1	8.8
12	01	01	1	08	-3.4	0.069	-9.000	-9.000	-999.	43.		8.8	0.34	0.60	0.74	1.30	204.	15.0	279.8	8.8
12	01	01	1	09	3.3	0.084	0.112	0.014	15.	59.	-16.4	0.04	0.60	0.38	1.00	111.	15.0	281.4	8.8	
12	01	01	1	10	39.6	0.188	0.443	0.011	79.	196.	-15.3	0.34	0.60	0.26	1.30	160.	15.0	283.0	8.8	
12	01	01	1	11	67.6	0.162	0.706	0.011	189.	157.	-5.8	0.04	0.60	0.21	1.70	132.	15.0	284.8	8.8	
12	01	01	1	12	83.6	0.131	0.925	0.014	344.	114.	-2.4	0.04	0.60	0.20	1.20	122.	15.0	286.5	8.8	
12	01	01	1	13	86.8	0.153	1.016	0.020	440.	143.	-3.7	0.04	0.60	0.19	1.50	126.	15.0	288.2	8.8	
12	01	01	1	14	76.9	0.122	1.006	0.021	482.	103.	-2.2	0.04	0.60	0.20	1.10	82.	15.0	289.6	8.8	
12	01	01	1	15	54.0	0.152	0.912	0.021	510.	143.	-5.9	0.04	0.60	0.23	1.60	45.	15.0	289.9	8.8	
12	01	01	1	16	21.9	0.170	0.680	0.021	521.	169.	-20.6	0.09	0.60	0.31	1.80	344.	15.0	289.9	8.8	
12	01	01	1	17	-5.2	0.089	-9.000	-9.000	-999.	66.		12.3	0.09	0.60	0.55	2.30	317.	15.0	288.6	8.8
12	01	01	1	18	-3.8	0.070	-9.000	-9.000	-999.	44.		8.1	0.09	0.60	1.00	1.80	317.	15.0	286.9	8.8
12	01	01	1	19	-2.1	0.050	-9.000	-9.000	-999.	27.		5.6	0.09	0.60	1.00	1.30	308.	15.0	285.0	8.8
12	01	01	1	20	-8.2	0.106	-9.000	-9.000	-999.	82.		13.0	0.23	0.60	1.00	2.20	298.	15.0	284.1	8.8
12	01	01	1	21	-5.9	0.091	-9.000	-9.000	-999.	66.		11.7	0.23	0.60	1.00	1.90	295.	15.0	283.5	8.8
12	01	01	1	22	-2.8	0.063	-9.000	-9.000	-999.	38.		8.2	0.34	0.60	1.00	1.20	239.	15.0	282.6	8.8
12	01	01	1	23	-7.5	0.101	-9.000	-9.000	-999.	77.		12.4	0.23	0.60	1.00	2.10</				

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	8.8	0	-999.	-99.00	281.2	999.0	-99.00	-99.00
12	01	01	01	15.0	1	114.	1.00	-999.0	41.5	-99.00	0.56

F indicates top of profile (=1) or below (=0)

*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

* *

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565602.03	4151557.36	0.40612	565622.03	4151557.36	0.43959
565632.03	4151557.36	0.45840	565642.03	4151557.36	0.47924
565682.03	4151557.36	0.57903	565692.03	4151557.36	0.60655
565702.03	4151557.36	0.63418	565712.03	4151557.36	0.66155
565722.03	4151557.36	0.68804	565732.03	4151557.36	0.71286
565742.03	4151557.36	0.73542	565752.03	4151557.36	0.75515
565762.03	4151557.36	0.77166	565572.03	4151567.36	0.38784
565582.03	4151567.36	0.39941	565592.03	4151567.36	0.41468
565622.03	4151567.36	0.46657	565632.03	4151567.36	0.48666
565642.03	4151567.36	0.50941	565652.03	4151567.36	0.53424
565692.03	4151567.36	0.64838	565702.03	4151567.36	0.67822
565712.03	4151567.36	0.70767	565722.03	4151567.36	0.73601
565732.03	4151567.36	0.76243	565742.03	4151567.36	0.78602
565752.03	4151567.36	0.80633	565762.03	4151567.36	0.82317
565772.03	4151567.36	0.83619	565572.03	4151577.36	0.41317
565582.03	4151577.36	0.42590	565632.03	4151577.36	0.51805
565642.03	4151577.36	0.54268	565652.03	4151577.36	0.56975
565662.03	4151577.36	0.59880	565702.03	4151577.36	0.72656
565712.03	4151577.36	0.75835	565722.03	4151577.36	0.78861
565732.03	4151577.36	0.81661	565742.03	4151577.36	0.84145
565752.03	4151577.36	0.86252	565762.03	4151577.36	0.87961
565772.03	4151577.36	0.89227	565782.03	4151577.36	0.89996
565812.03	4151577.36	0.89003	565822.03	4151577.36	0.87829
565832.03	4151577.36	0.86282	565532.03	4151587.36	0.39579
565542.03	4151587.36	0.40525	565552.03	4151587.36	0.41571
565562.03	4151587.36	0.42719	565572.03	4151587.36	0.43977
565642.03	4151587.36	0.57942	565652.03	4151587.36	0.60870
565662.03	4151587.36	0.64024	565672.03	4151587.36	0.67364
565712.03	4151587.36	0.81421	565722.03	4151587.36	0.84655
565732.03	4151587.36	0.87610	565742.03	4151587.36	0.90242
565752.03	4151587.36	0.92436	565762.03	4151587.36	0.94148
565772.03	4151587.36	0.95342	565782.03	4151587.36	0.95965
565792.03	4151587.36	0.95967	565822.03	4151587.36	0.92985
565832.03	4151587.36	0.91167	565842.03	4151587.36	0.88995
565522.03	4151597.36	0.41230	565532.03	4151597.36	0.42113
565542.03	4151597.36	0.43125	565552.03	4151597.36	0.44269
565562.03	4151597.36	0.45519	565652.03	4151597.36	0.65171

565662.03	4151597.36	0.68595	565672.03	4151597.36	0.72239	
565682.03	4151597.36	0.76049	565722.03	4151597.36	0.91052	
565732.03	4151597.36	0.94179	565742.03	4151597.36	0.96963	
*** AERMOD - VERSION 22112 ***	*** Construction HRA, Residential Receptors				***	06/26/23
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR				***	07:03:09
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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITEEX ***
 INCLUDING SOURCE(S): PAREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565752.03	4151597.36	0.99240	565762.03	4151597.36	1.00936
565772.03	4151597.36	1.02021	565782.03	4151597.36	1.02479
565792.03	4151597.36	1.02304	565802.03	4151597.36	1.01554
565832.03	4151597.36	0.96405	565842.03	4151597.36	0.93890
565852.03	4151597.36	0.91152	565892.03	4151597.36	0.79410
565532.03	4151607.36	0.44942	565542.03	4151607.36	0.46038
565552.03	4151607.36	0.47260	565562.03	4151607.36	0.48606
565642.03	4151607.36	0.66437	565652.03	4151607.36	0.69898
565662.03	4151607.36	0.73632	565672.03	4151607.36	0.77627
565682.03	4151607.36	0.81783	565692.03	4151607.36	0.86073
565702.03	4151607.36	0.90355	565732.03	4151607.36	1.01463
565742.03	4151607.36	1.04381	565752.03	4151607.36	1.06713
565762.03	4151607.36	1.08382	565772.03	4151607.36	1.09340
565782.03	4151607.36	1.09591	565792.03	4151607.36	1.09192
565802.03	4151607.36	1.08160	565812.03	4151607.36	1.06563
565842.03	4151607.36	0.99118	565852.03	4151607.36	0.96026
565862.03	4151607.36	0.92829	565502.03	4151617.36	0.44828
565512.03	4151617.36	0.45882	565552.03	4151617.36	0.50588
565572.03	4151617.36	0.53618	565582.03	4151617.36	0.55417
565672.03	4151617.36	0.83581	565682.03	4151617.36	0.88145
565692.03	4151617.36	0.92850	565702.03	4151617.36	0.97539
565712.03	4151617.36	1.01982	565742.03	4151617.36	1.12603
565752.03	4151617.36	1.14963	565762.03	4151617.36	1.16566
565772.03	4151617.36	1.17368	565782.03	4151617.36	1.17391
565792.03	4151617.36	1.16680	565802.03	4151617.36	1.15296
565812.03	4151617.36	1.13303	565822.03	4151617.36	1.10816
565852.03	4151617.36	1.01214	565862.03	4151617.36	0.97660
565872.03	4151617.36	0.94083	565482.03	4151627.36	0.45635
565492.03	4151627.36	0.46758	565502.03	4151627.36	0.47865
565512.03	4151627.36	0.49008	565522.03	4151627.36	0.50252
565572.03	4151627.36	0.57516	565582.03	4151627.36	0.59450
565592.03	4151627.36	0.61561	565682.03	4151627.36	0.95231
565692.03	4151627.36	1.00427	565702.03	4151627.36	1.05562
565712.03	4151627.36	1.10421	565722.03	4151627.36	1.14776

565752.03	4151627.36	1.24106	565762.03	4151627.36	1.25606
565772.03	4151627.36	1.26201	565782.03	4151627.36	1.25930
565792.03	4151627.36	1.24855	565802.03	4151627.36	1.23055
565812.03	4151627.36	1.20613	565822.03	4151627.36	1.17654
565832.03	4151627.36	1.14292	565862.03	4151627.36	1.02824
565872.03	4151627.36	0.98878	565882.03	4151627.36	0.94975

*** AERMOD - VERSION 22112 ***
 *** AERMET - VERSION 18081 ***

*** Construction HRA, Residential Receptors
 *** 501 Industrial Road Hotel EIR

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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITEEX ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565482.03	4151637.36	0.48834	565492.03	4151637.36	0.50013
565502.03	4151637.36	0.51228	565512.03	4151637.36	0.52491
565522.03	4151637.36	0.53865	565572.03	4151637.36	0.61835
565582.03	4151637.36	0.63954	565592.03	4151637.36	0.66241
565602.03	4151637.36	0.68794	565702.03	4151637.36	1.14527
565712.03	4151637.36	1.19837	565722.03	4151637.36	1.24575
565732.03	4151637.36	1.28673	565772.03	4151637.36	1.35956
565782.03	4151637.36	1.35333	565792.03	4151637.36	1.33807
565802.03	4151637.36	1.31507	565812.03	4151637.36	1.28546
565822.03	4151637.36	1.25055	565832.03	4151637.36	1.21181
565842.03	4151637.36	1.17029	565882.03	4151637.36	0.99740
565892.03	4151637.36	0.95636	565472.03	4151647.36	0.50849
565482.03	4151647.36	0.52275	565492.03	4151647.36	0.53601
565502.03	4151647.36	0.54961	565512.03	4151647.36	0.56367
565552.03	4151647.36	0.62681	565572.03	4151647.36	0.66636
565582.03	4151647.36	0.68985	565592.03	4151647.36	0.71480
565602.03	4151647.36	0.74238	565612.03	4151647.36	0.77391
565712.03	4151647.36	1.30352	565722.03	4151647.36	1.35540
565732.03	4151647.36	1.39944	565742.03	4151647.36	1.43294
565782.03	4151647.36	1.45711	565792.03	4151647.36	1.43645
565802.03	4151647.36	1.40731	565812.03	4151647.36	1.37165
565822.03	4151647.36	1.33092	565832.03	4151647.36	1.28628
565842.03	4151647.36	1.23898	565852.03	4151647.36	1.19066
565862.03	4151647.36	1.14234	565892.03	4151647.36	1.00360
565452.03	4151657.36	0.51429	565462.03	4151657.36	0.52935
565472.03	4151657.36	0.54558	565482.03	4151657.36	0.56032
565492.03	4151657.36	0.57536	565502.03	4151657.36	0.59078
565512.03	4151657.36	0.60657	565542.03	4151657.36	0.65658
565552.03	4151657.36	0.67574	565592.03	4151657.36	0.77357
565602.03	4151657.36	0.80344	565612.03	4151657.36	0.83783
565622.03	4151657.36	0.87812	565722.03	4151657.36	1.47908

565732.03	4151657.36	1.52631	565742.03	4151657.36	1.56050	
565752.03	4151657.36	1.58213	565792.03	4151657.36	1.54439	
565802.03	4151657.36	1.50825	565812.03	4151657.36	1.46560	
565822.03	4151657.36	1.41810	565832.03	4151657.36	1.36675	
565842.03	4151657.36	1.31312	565452.03	4151667.36	0.54867	
565462.03	4151667.36	0.56771	565472.03	4151667.36	0.58486	
565482.03	4151667.36	0.60209	565492.03	4151667.36	0.61914	
565502.03	4151667.36	0.63596	565522.03	4151667.36	0.67047	
565532.03	4151667.36	0.68841	565542.03	4151667.36	0.70834	
*** AERMOD - VERSION 22112 ***	*** Construction HRA, Residential Receptors					*** 06/26/23
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR					*** 07:03:09

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*** MODELOPTs: NonDFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITEEX ***
INCLUDING SOURCE(S): PAREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565552.03	4151667.36	0.73029	565562.03	4151667.36	0.75408
565572.03	4151667.36	0.77998	565592.03	4151667.36	0.83903
565602.03	4151667.36	0.87210	565612.03	4151667.36	0.91028
565622.03	4151667.36	0.95456	565632.03	4151667.36	1.00495
565732.03	4151667.36	1.66881	565742.03	4151667.36	1.70348
565752.03	4151667.36	1.72366	565762.03	4151667.36	1.72906
565802.03	4151667.36	1.61881	565812.03	4151667.36	1.56821
565822.03	4151667.36	1.51278	565832.03	4151667.36	1.45400
565842.03	4151667.36	1.39311	565432.03	4151677.36	0.54637
565442.03	4151677.36	0.56589	565452.03	4151677.36	0.58771
565462.03	4151677.36	0.60720	565472.03	4151677.36	0.62780
565482.03	4151677.36	0.64851	565492.03	4151677.36	0.66770
565522.03	4151677.36	0.72288	565532.03	4151677.36	0.74299
565542.03	4151677.36	0.76577	565552.03	4151677.36	0.79107
565562.03	4151677.36	0.81814	565572.03	4151677.36	0.84648
565602.03	4151677.36	0.94970	565612.03	4151677.36	0.99271
565622.03	4151677.36	1.04139	565632.03	4151677.36	1.09664
565642.03	4151677.36	1.15988	565732.03	4151677.36	1.82889
565742.03	4151677.36	1.86413	565752.03	4151677.36	1.88222
565762.03	4151677.36	1.88294	565772.03	4151677.36	1.86722
565782.03	4151677.36	1.83714	565812.03	4151677.36	1.68045
565822.03	4151677.36	1.61595	565832.03	4151677.36	1.54858
565842.03	4151677.36	1.47930	565432.03	4151687.36	0.57966
565442.03	4151687.36	0.60227	565452.03	4151687.36	0.62699
565462.03	4151687.36	0.64954	565472.03	4151687.36	0.67420
565482.03	4151687.36	0.69917	565502.03	4151687.36	0.73989
565512.03	4151687.36	0.75898	565522.03	4151687.36	0.78116
565532.03	4151687.36	0.80384	565542.03	4151687.36	0.83012

565552.03	4151687.36	0.85960	565562.03	4151687.36	0.89061
565572.03	4151687.36	0.92172	565582.03	4151687.36	0.95614
565612.03	4151687.36	1.08688	565622.03	4151687.36	1.14019
565632.03	4151687.36	1.20115	565642.03	4151687.36	1.27273
565652.03	4151687.36	1.35299	565732.03	4151687.36	2.01101
565742.03	4151687.36	2.04621	565752.03	4151687.36	2.06129
565762.03	4151687.36	2.05600	565772.03	4151687.36	2.03167
565782.03	4151687.36	1.99162	565792.03	4151687.36	1.93784
565822.03	4151687.36	1.72837	565832.03	4151687.36	1.65100
565842.03	4151687.36	1.57263	565412.03	4151697.36	0.56330
565422.03	4151697.36	0.58842	565432.03	4151697.36	0.61424
565442.03	4151697.36	0.64270	565452.03	4151697.36	0.66868
*** AERMOD - VERSION 22112 ***	*** Construction HRA, Residential Receptors				***
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR				***

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*** MODELOPTS: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITEEX ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565462.03	4151697.36	0.69492	565472.03	4151697.36	0.72394
565492.03	4151697.36	0.77890	565502.03	4151697.36	0.80073
565512.03	4151697.36	0.82281	565522.03	4151697.36	0.84815
565532.03	4151697.36	0.87386	565542.03	4151697.36	0.90379
565552.03	4151697.36	0.93736	565562.03	4151697.36	0.97248
565572.03	4151697.36	1.00723	565582.03	4151697.36	1.04547
565592.03	4151697.36	1.08885	565622.03	4151697.36	1.25328
565632.03	4151697.36	1.32147	565642.03	4151697.36	1.40240
565652.03	4151697.36	1.49370	565662.03	4151697.36	1.59207
565732.03	4151697.36	2.21995	565742.03	4151697.36	2.25368
565752.03	4151697.36	2.26408	565762.03	4151697.36	2.25066
565772.03	4151697.36	2.21568	565782.03	4151697.36	2.16339
565792.03	4151697.36	2.09747	565802.03	4151697.36	2.02128
565832.03	4151697.36	1.76243	565402.03	4151707.36	0.56523
565412.03	4151707.36	0.59188	565422.03	4151707.36	0.62031
565432.03	4151707.36	0.64974	565442.03	4151707.36	0.68208
565452.03	4151707.36	0.71243	565462.03	4151707.36	0.74328
565472.03	4151707.36	0.77663	565502.03	4151707.36	0.86948
565512.03	4151707.36	0.89744	565522.03	4151707.36	0.92655
565532.03	4151707.36	0.95601	565542.03	4151707.36	0.98950
565552.03	4151707.36	1.02646	565562.03	4151707.36	1.06523
565572.03	4151707.36	1.10497	565582.03	4151707.36	1.14866
565592.03	4151707.36	1.19715	565602.03	4151707.36	1.25211
565642.03	4151707.36	1.55268	565652.03	4151707.36	1.65502
565662.03	4151707.36	1.76616	565672.03	4151707.36	1.88379

565682.03	4151707.36	2.00453	565722.03	4151707.36	2.40879
565732.03	4151707.36	2.46153	565742.03	4151707.36	2.49124
565752.03	4151707.36	2.49360	565762.03	4151707.36	2.46899
565772.03	4151707.36	2.42115	565782.03	4151707.36	2.35433
565792.03	4151707.36	2.27313	565802.03	4151707.36	2.18202
565392.03	4151717.36	0.56272	565402.03	4151717.36	0.59104
565412.03	4151717.36	0.62059	565422.03	4151717.36	0.65266
565432.03	4151717.36	0.68810	565442.03	4151717.36	0.72262
565452.03	4151717.36	0.75794	565462.03	4151717.36	0.79412
565472.03	4151717.36	0.83264	565502.03	4151717.36	0.94485
565512.03	4151717.36	0.98019	565522.03	4151717.36	1.01421
565532.03	4151717.36	1.04830	565542.03	4151717.36	1.08636
565552.03	4151717.36	1.12760	565562.03	4151717.36	1.17077
565572.03	4151717.36	1.21719	565582.03	4151717.36	1.26743
565592.03	4151717.36	1.32219	565602.03	4151717.36	1.38327
*** AERMOD - VERSION 22112 ***	*** Construction HRA, Residential Receptors				*** 06/26/23
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR				*** 07:03:09
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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITEEX ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565612.03	4151717.36	1.45317	565652.03	4151717.36	1.84284
565662.03	4151717.36	1.96944	565672.03	4151717.36	2.10465
565682.03	4151717.36	2.24357	565722.03	4151717.36	2.69209
565732.03	4151717.36	2.74130	565742.03	4151717.36	2.76460
565752.03	4151717.36	2.75582	565762.03	4151717.36	2.71690
565772.03	4151717.36	2.65222	565782.03	4151717.36	2.56785
565792.03	4151717.36	2.46852	565802.03	4151717.36	2.35948
565812.03	4151717.36	2.24511	565402.03	4151727.36	0.61646
565412.03	4151727.36	0.64940	565422.03	4151727.36	0.68522
565432.03	4151727.36	0.72469	565442.03	4151727.36	0.76404
565452.03	4151727.36	0.80462	565462.03	4151727.36	0.84652
565472.03	4151727.36	0.89083	565482.03	4151727.36	0.93622
565522.03	4151727.36	1.11060	565532.03	4151727.36	1.15164
565542.03	4151727.36	1.19592	565552.03	4151727.36	1.24270
565562.03	4151727.36	1.29156	565572.03	4151727.36	1.34533
565582.03	4151727.36	1.40354	565592.03	4151727.36	1.46576
565602.03	4151727.36	1.53504	565612.03	4151727.36	1.61475
565622.03	4151727.36	1.70835	565662.03	4151727.36	2.20880
565672.03	4151727.36	2.36568	565682.03	4151727.36	2.52654
565692.03	4151727.36	2.68513	565702.03	4151727.36	2.82904
565732.03	4151727.36	3.06844	565742.03	4151727.36	3.08192
565752.03	4151727.36	3.05782	565412.03	4151737.36	0.67839

565422.03	4151737.36	0.71954	565432.03	4151737.36	0.76165
565442.03	4151737.36	0.80582	565452.03	4151737.36	0.85176
565462.03	4151737.36	0.89952	565472.03	4151737.36	0.95004
565482.03	4151737.36	1.00210	565492.03	4151737.36	1.05489
565532.03	4151737.36	1.26716	565542.03	4151737.36	1.32011
565552.03	4151737.36	1.37386	565562.03	4151737.36	1.42968
565572.03	4151737.36	1.49117	565582.03	4151737.36	1.55670
565592.03	4151737.36	1.62868	565602.03	4151737.36	1.70892
565612.03	4151737.36	1.80150	565622.03	4151737.36	1.91005
565632.03	4151737.36	2.03571	565672.03	4151737.36	2.67663
565682.03	4151737.36	2.86586	565692.03	4151737.36	3.04546
565702.03	4151737.36	3.20574	565712.03	4151737.36	3.33484
565372.03	4151747.36	0.55710	565382.03	4151747.36	0.59014
565422.03	4151747.36	0.75153	565432.03	4151747.36	0.79825
565442.03	4151747.36	0.84755	565452.03	4151747.36	0.89923
565462.03	4151747.36	0.95342	565472.03	4151747.36	1.01070
565482.03	4151747.36	1.07030	565492.03	4151747.36	1.13239
565502.03	4151747.36	1.19630	565512.03	4151747.36	1.26198
*** AERMOD - VERSION 22112 ***		*** Construction HRA, Residential Receptors			***
*** AERMET - VERSION 18081 ***		*** 501 Industrial Road Hotel EIR			***

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*** MODELOPTs: NonDFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITEEX ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565542.03	4151747.36	1.45971	565552.03	4151747.36	1.52230
565562.03	4151747.36	1.58758	565572.03	4151747.36	1.65896
565582.03	4151747.36	1.73449	565592.03	4151747.36	1.81919
565602.03	4151747.36	1.91386	565612.03	4151747.36	2.02200
565622.03	4151747.36	2.14967	565632.03	4151747.36	2.29750
565642.03	4151747.36	2.45518	565692.03	4151747.36	3.48031
565702.03	4151747.36	3.65977	565712.03	4151747.36	3.80233
565362.03	4151757.36	0.53984	565372.03	4151757.36	0.57212
565382.03	4151757.36	0.60699	565392.03	4151757.36	0.64529
565402.03	4151757.36	0.68824	565442.03	4151757.36	0.88889
565452.03	4151757.36	0.94679	565462.03	4151757.36	1.00790
565472.03	4151757.36	1.07304	565482.03	4151757.36	1.14144
565492.03	4151757.36	1.21384	565502.03	4151757.36	1.28991
565512.03	4151757.36	1.36914	565552.03	4151757.36	1.69047
565562.03	4151757.36	1.76925	565572.03	4151757.36	1.85463
565582.03	4151757.36	1.94412	565592.03	4151757.36	2.04518
565602.03	4151757.36	2.15738	565612.03	4151757.36	2.28584
565622.03	4151757.36	2.43664	565632.03	4151757.36	2.61144
565642.03	4151757.36	2.79802	565652.03	4151757.36	3.00838

565702.03	4151757.36	4.21304	565712.03	4151757.36	4.37024
565722.03	4151757.36	4.46689	565732.03	4151757.36	4.48933
565362.03	4151767.36	0.55371	565372.03	4151767.36	0.58723
565382.03	4151767.36	0.62372	565392.03	4151767.36	0.66417
565402.03	4151767.36	0.70977	565412.03	4151767.36	0.75890
565442.03	4151767.36	0.92984	565452.03	4151767.36	0.99424
565462.03	4151767.36	1.06316	565472.03	4151767.36	1.13767
565482.03	4151767.36	1.21677	565492.03	4151767.36	1.30079
565502.03	4151767.36	1.38930	565512.03	4151767.36	1.48209
565522.03	4151767.36	1.57894	565562.03	4151767.36	1.98480
565572.03	4151767.36	2.09145	565582.03	4151767.36	2.20241
565592.03	4151767.36	2.32417	565602.03	4151767.36	2.45633
565612.03	4151767.36	2.60633	565622.03	4151767.36	2.78196
565632.03	4151767.36	2.98355	565642.03	4151767.36	3.21000
565652.03	4151767.36	3.46789	565662.03	4151767.36	3.75580
565712.03	4151767.36	5.07133	565722.03	4151767.36	5.15875
565732.03	4151767.36	5.15119	565352.03	4151777.36	0.53425
565362.03	4151777.36	0.56734	565372.03	4151777.36	0.60229
565382.03	4151777.36	0.64024	565392.03	4151777.36	0.68260
565402.03	4151777.36	0.73031	565412.03	4151777.36	0.78243
565462.03	4151777.36	1.11766	565472.03	4151777.36	1.20212
*** AERMOD - VERSION 22112 ***	*** Construction HRA, Residential Receptors		***		06/26/23
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR		***		07:03:09
					PAGE 215

*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITEEX ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565482.03	4151777.36	1.29301	565492.03	4151777.36	1.38963
565502.03	4151777.36	1.49203	565512.03	4151777.36	1.60053
565522.03	4151777.36	1.71468	565532.03	4151777.36	1.83450
565582.03	4151777.36	2.50546	565592.03	4151777.36	2.65464
565602.03	4151777.36	2.81502	565612.03	4151777.36	2.99483
565622.03	4151777.36	3.20351	565632.03	4151777.36	3.44142
565642.03	4151777.36	3.72153	565652.03	4151777.36	4.04223
565662.03	4151777.36	4.39338	565672.03	4151777.36	4.76259
565342.03	4151787.36	0.51470	565352.03	4151787.36	0.54631
565362.03	4151787.36	0.58086	565372.03	4151787.36	0.61711
565382.03	4151787.36	0.65653	565392.03	4151787.36	0.70064
565402.03	4151787.36	0.75037	565412.03	4151787.36	0.80505
565422.03	4151787.36	0.86682	565472.03	4151787.36	1.26586
565482.03	4151787.36	1.36912	565492.03	4151787.36	1.47954
565502.03	4151787.36	1.59722	565512.03	4151787.36	1.72363
565522.03	4151787.36	1.85791	565532.03	4151787.36	2.00053

565542.03	4151787.36	2.15801	565582.03	4151787.36	2.85718
565592.03	4151787.36	3.04594	565602.03	4151787.36	3.24669
565612.03	4151787.36	3.46965	565622.03	4151787.36	3.72607
565632.03	4151787.36	4.01387	565642.03	4151787.36	4.36617
565652.03	4151787.36	4.77112	565662.03	4151787.36	5.20651
565672.03	4151787.36	5.65551	565682.03	4151787.36	6.11168
565352.03	4151797.36	0.55797	565362.03	4151797.36	0.59430
565372.03	4151797.36	0.63236	565382.03	4151797.36	0.67383
565392.03	4151797.36	0.71989	565402.03	4151797.36	0.77102
565412.03	4151797.36	0.82735	565422.03	4151797.36	0.89196
565432.03	4151797.36	0.96358	565482.03	4151797.36	1.44465
565492.03	4151797.36	1.56975	565502.03	4151797.36	1.70505
565512.03	4151797.36	1.85200	565522.03	4151797.36	2.01201
565532.03	4151797.36	2.18455	565542.03	4151797.36	2.37212
565552.03	4151797.36	2.57432	565562.03	4151797.36	2.78935
565592.03	4151797.36	3.50570	565602.03	4151797.36	3.77755
565612.03	4151797.36	4.07464	565622.03	4151797.36	4.40347
565632.03	4151797.36	4.76836	565642.03	4151797.36	5.20589
565652.03	4151797.36	5.69897	565662.03	4151797.36	6.24257
565672.03	4151797.36	6.82195	565682.03	4151797.36	7.41685
565692.03	4151797.36	7.93491	565702.03	4151797.36	8.30849
565322.03	4151807.36	0.47700	565332.03	4151807.36	0.50460
565362.03	4151807.36	0.60789	565372.03	4151807.36	0.64764
565382.03	4151807.36	0.69129	565392.03	4151807.36	0.73898

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*** AERMOT - VERSION 22112 *** *** Construction HRA, Residential Receptors *** 06/26/23
*** AERMET - VERSION 18081 *** *** 501 Industrial Road Hotel EIR *** 07:03:09
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*** MODELOPTs:   NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITEEX ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565402.03	4151807.36	0.79127	565412.03	4151807.36	0.84890
565422.03	4151807.36	0.91625	565432.03	4151807.36	0.99103
565442.03	4151807.36	1.07457	565492.03	4151807.36	1.65894
565502.03	4151807.36	1.81268	565512.03	4151807.36	1.98224
565522.03	4151807.36	2.17061	565532.03	4151807.36	2.37737
565542.03	4151807.36	2.59962	565552.03	4151807.36	2.84010
565562.03	4151807.36	3.10241	565572.03	4151807.36	3.39098
565602.03	4151807.36	4.41592	565612.03	4151807.36	4.81960
565622.03	4151807.36	5.25606	565632.03	4151807.36	5.73806
565642.03	4151807.36	6.30291	565652.03	4151807.36	6.92752
565662.03	4151807.36	7.62477	565672.03	4151807.36	8.39418
565682.03	4151807.36	9.18760	565692.03	4151807.36	9.82570
565702.03	4151807.36	10.24163	565322.03	4151817.36	0.48595
565332.03	4151817.36	0.51430	565342.03	4151817.36	0.54594
565372.03	4151817.36	0.66287	565382.03	4151817.36	0.70857
565392.03	4151817.36	0.75795	565402.03	4151817.36	0.81126
565412.03	4151817.36	0.87038	565422.03	4151817.36	0.94007
565432.03	4151817.36	1.01792	565442.03	4151817.36	1.10631
565452.03	4151817.36	1.20661	565502.03	4151817.36	1.91858
565512.03	4151817.36	2.11217	565522.03	4151817.36	2.33161
565532.03	4151817.36	2.57636	565542.03	4151817.36	2.83812
565552.03	4151817.36	3.12393	565562.03	4151817.36	3.44264
565572.03	4151817.36	3.80955	565582.03	4151817.36	4.21807
565612.03	4151817.36	5.73297	565622.03	4151817.36	6.32535
565632.03	4151817.36	6.98640	565642.03	4151817.36	7.75167
565652.03	4151817.36	8.58528	565662.03	4151817.36	9.52480
565672.03	4151817.36	10.58924	565682.03	4151817.36	11.67508
565692.03	4151817.36	12.48216	565322.03	4151827.36	0.49540
565332.03	4151827.36	0.52482	565342.03	4151827.36	0.55728
565352.03	4151827.36	0.59338	565392.03	4151827.36	0.77548
565402.03	4151827.36	0.83130	565412.03	4151827.36	0.89342
565422.03	4151827.36	0.96622	565432.03	4151827.36	1.04787
565442.03	4151827.36	1.14070	565452.03	4151827.36	1.24610
565462.03	4151827.36	1.36543	565512.03	4151827.36	2.24050
565522.03	4151827.36	2.48994	565532.03	4151827.36	2.77189
565542.03	4151827.36	3.08666	565552.03	4151827.36	3.43896
565562.03	4151827.36	3.83481	565572.03	4151827.36	4.28456

565582.03	4151827.36	4.79221	565592.03	4151827.36	5.37221	
565622.03	4151827.36	7.65562	565632.03	4151827.36	8.64424	
565642.03	4151827.36	9.76112	565652.03	4151827.36	10.98242	
*** AERMOD - VERSION 22112 ***		*** Construction HRA, Residential Receptors			***	06/26/23
*** AERMET - VERSION 18081 ***		*** 501 Industrial Road Hotel EIR			***	07:03:09
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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITEEX ***
 INCLUDING SOURCE(S): PAREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565662.03	4151827.36	12.33152	565672.03	4151827.36	13.78345
565322.03	4151837.36	0.50483	565332.03	4151837.36	0.53531
565342.03	4151837.36	0.56863	565352.03	4151837.36	0.60500
565362.03	4151837.36	0.64502	565402.03	4151837.36	0.85128
565412.03	4151837.36	0.91621	565422.03	4151837.36	0.99212
565432.03	4151837.36	1.07740	565442.03	4151837.36	1.17419
565452.03	4151837.36	1.28455	565462.03	4151837.36	1.40995
565472.03	4151837.36	1.55263	565522.03	4151837.36	2.64394
565532.03	4151837.36	2.96559	565542.03	4151837.36	3.33884
565552.03	4151837.36	3.76858	565562.03	4151837.36	4.25661
565572.03	4151837.36	4.80489	565582.03	4151837.36	5.43321
565592.03	4151837.36	6.17567	565602.03	4151837.36	7.04756
565642.03	4151837.36	12.46802	565652.03	4151837.36	14.34959
565662.03	4151837.36	16.45523	565322.03	4151847.36	0.51404
565332.03	4151847.36	0.54559	565342.03	4151847.36	0.57972
565352.03	4151847.36	0.61637	565362.03	4151847.36	0.65675
565372.03	4151847.36	0.70305	565412.03	4151847.36	0.93864
565422.03	4151847.36	1.01742	565432.03	4151847.36	1.10629
565442.03	4151847.36	1.20692	565452.03	4151847.36	1.32161
565462.03	4151847.36	1.45219	565472.03	4151847.36	1.60173
565482.03	4151847.36	1.77405	565532.03	4151847.36	3.15294
565542.03	4151847.36	3.58915	565552.03	4151847.36	4.10613
565562.03	4151847.36	4.70129	565572.03	4151847.36	5.36743
565582.03	4151847.36	6.14278	565592.03	4151847.36	7.08743
565602.03	4151847.36	8.22446	565612.03	4151847.36	9.62797
565652.03	4151847.36	19.08596	565322.03	4151857.36	0.52240
565332.03	4151857.36	0.55451	565342.03	4151857.36	0.58946
565352.03	4151857.36	0.62749	565362.03	4151857.36	0.66935
565372.03	4151857.36	0.71622	565382.03	4151857.36	0.76827
565422.03	4151857.36	1.04055	565432.03	4151857.36	1.13199
565442.03	4151857.36	1.23591	565452.03	4151857.36	1.35484
565462.03	4151857.36	1.49094	565472.03	4151857.36	1.64720
565482.03	4151857.36	1.82856	565492.03	4151857.36	2.04145
565502.03	4151857.36	2.29174	565542.03	4151857.36	3.83345

565552.03	4151857.36	4.42983	565562.03	4151857.36	5.13534		
565592.03	4151857.36	8.14166	565602.03	4151857.36	9.63931		
565612.03	4151857.36	11.53861	565622.03	4151857.36	14.00103		
565322.03	4151867.36	0.53015	565332.03	4151867.36	0.56284		
565342.03	4151867.36	0.59864	565352.03	4151867.36	0.63793		
565362.03	4151867.36	0.68125	565372.03	4151867.36	0.72869		
*** AERMOD - VERSION 22112 ***		*** Construction HRA, Residential Receptors				***	06/26/23
*** AERMET - VERSION 18081 ***		*** 501 Industrial Road Hotel EIR				***	07:03:09
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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: **ONSITEEX** ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565382.03	4151867.36	0.78115	565392.03	4151867.36	0.83981
565432.03	4151867.36	1.15607	565442.03	4151867.36	1.26318
565452.03	4151867.36	1.38600	565462.03	4151867.36	1.52685
565472.03	4151867.36	1.68965	565482.03	4151867.36	1.87873
565492.03	4151867.36	2.10216	565502.03	4151867.36	2.36614
565512.03	4151867.36	2.68064	565552.03	4151867.36	4.73506
565602.03	4151867.36	11.29094	565612.03	4151867.36	13.84638
565622.03	4151867.36	17.26405	565332.03	4151877.36	0.57029
565342.03	4151877.36	0.60685	565352.03	4151877.36	0.64733
565362.03	4151877.36	0.69212	565372.03	4151877.36	0.73992
565382.03	4151877.36	0.79274	565392.03	4151877.36	0.85269
565402.03	4151877.36	0.92079	565442.03	4151877.36	1.28794
565452.03	4151877.36	1.41397	565462.03	4151877.36	1.55926
565472.03	4151877.36	1.72755	565482.03	4151877.36	1.92356
565492.03	4151877.36	2.15561	565502.03	4151877.36	2.43206
565512.03	4151877.36	2.76308	565522.03	4151877.36	3.16428
565612.03	4151877.36	16.63083	565622.03	4151877.36	21.36887
565342.03	4151887.36	0.61399	565352.03	4151887.36	0.65477
565362.03	4151887.36	0.69986	565372.03	4151887.36	0.74883
565382.03	4151887.36	0.80323	565392.03	4151887.36	0.86434
565402.03	4151887.36	0.93341	565412.03	4151887.36	1.01085
565452.03	4151887.36	1.43829	565462.03	4151887.36	1.58711
565472.03	4151887.36	1.75913	565482.03	4151887.36	1.95974
565492.03	4151887.36	2.19888	565502.03	4151887.36	2.48511
565512.03	4151887.36	2.82950	565312.03	4151897.36	0.51550
565352.03	4151897.36	0.66068	565362.03	4151897.36	0.70590
565372.03	4151897.36	0.75593	565382.03	4151897.36	0.81159
565392.03	4151897.36	0.87371	565402.03	4151897.36	0.94331
565412.03	4151897.36	1.02161	565422.03	4151897.36	1.10993
565452.03	4151897.36	1.45694	565462.03	4151897.36	1.60885
565472.03	4151897.36	1.78283	565482.03	4151897.36	1.98650

565492.03	4151897.36	2.23067	565502.03	4151897.36	2.52439	
565312.03	4151907.36	0.51821	565322.03	4151907.36	0.55033	
565362.03	4151907.36	0.70997	565372.03	4151907.36	0.76084	
565382.03	4151907.36	0.81747	565392.03	4151907.36	0.88016	
565402.03	4151907.36	0.95001	565412.03	4151907.36	1.02857	
565422.03	4151907.36	1.11781	565432.03	4151907.36	1.21916	
565472.03	4151907.36	1.79744	565482.03	4151907.36	2.00198	
565492.03	4151907.36	2.24909	565502.03	4151907.36	2.54661	
565312.03	4151917.36	0.52055	565322.03	4151917.36	0.55234	
*** AERMOD - VERSION 22112 ***	*** Construction HRA, Residential Receptors					*** 06/26/23
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR					*** 07:03:09
						PAGE 219

*** MODELOPTs: NonDFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITEEX ***
INCLUDING SOURCE(S): PAREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565332.03	4151917.36	0.58734	565372.03	4151917.36	0.76324
565382.03	4151917.36	0.81999	565392.03	4151917.36	0.88291
565402.03	4151917.36	0.95317	565412.03	4151917.36	1.03190
565422.03	4151917.36	1.12130	565432.03	4151917.36	1.22265
565442.03	4151917.36	1.33870	565452.03	4151917.36	1.47219
565482.03	4151917.36	2.00679	565492.03	4151917.36	2.25266
565502.03	4151917.36	2.54746	565512.03	4151917.36	2.90358
565312.03	4151927.36	0.52161	565322.03	4151927.36	0.55299
565332.03	4151927.36	0.58736	565342.03	4151927.36	0.62508
565352.03	4151927.36	0.66652	565372.03	4151927.36	0.76315
565382.03	4151927.36	0.81967	565392.03	4151927.36	0.88243
565402.03	4151927.36	0.95248	565412.03	4151927.36	1.03109
565422.03	4151927.36	1.11985	565432.03	4151927.36	1.22035
565442.03	4151927.36	1.33533	565452.03	4151927.36	1.46719
565462.03	4151927.36	1.61911	565482.03	4151927.36	1.99818
565492.03	4151927.36	2.23889	565502.03	4151927.36	2.52570
565512.03	4151927.36	2.87281	565522.03	4151927.36	3.30210
565312.03	4151937.36	0.52141	565322.03	4151937.36	0.55218
565332.03	4151937.36	0.58583	565342.03	4151937.36	0.62311
565352.03	4151937.36	0.66448	565362.03	4151937.36	0.71022
565392.03	4151937.36	0.87874	565402.03	4151937.36	0.94811
565412.03	4151937.36	1.02590	565422.03	4151937.36	1.11348
565432.03	4151937.36	1.21235	565442.03	4151937.36	1.32527
565452.03	4151937.36	1.45431	565462.03	4151937.36	1.60288
565482.03	4151937.36	1.97583	565492.03	4151937.36	2.20870
565502.03	4151937.36	2.48382	565512.03	4151937.36	2.81619
565522.03	4151937.36	3.22982	565312.03	4151947.36	0.51940
565322.03	4151947.36	0.54997	565332.03	4151947.36	0.58344

565342.03	4151947.36	0.62024	565352.03	4151947.36	0.66089
565362.03	4151947.36	0.70569	565372.03	4151947.36	0.75527
565402.03	4151947.36	0.94028	565412.03	4151947.36	1.01715
565422.03	4151947.36	1.10285	565432.03	4151947.36	1.19957
565442.03	4151947.36	1.30943	565452.03	4151947.36	1.43442
565482.03	4151947.36	1.94053	565492.03	4151947.36	2.16489
565502.03	4151947.36	2.42869	565512.03	4151947.36	2.74496
565312.03	4151957.36	0.51622	565322.03	4151957.36	0.54658
565332.03	4151957.36	0.57974	565342.03	4151957.36	0.61592
565352.03	4151957.36	0.65554	565362.03	4151957.36	0.69919
565372.03	4151957.36	0.74778	565382.03	4151957.36	0.80156
565412.03	4151957.36	1.00471	565422.03	4151957.36	1.08830
*** AERMOD - VERSION 22112 ***	*** Construction HRA, Residential Receptors				***
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR				***

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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITEEX ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565432.03	4151957.36	1.18228	565462.03	4151957.36	1.54627
565472.03	4151957.36	1.70796	565482.03	4151957.36	1.89501
565492.03	4151957.36	2.11005	565502.03	4151957.36	2.36179
565312.03	4151967.36	0.51204	565322.03	4151967.36	0.54201
565332.03	4151967.36	0.57481	565342.03	4151967.36	0.61030
565352.03	4151967.36	0.64876	565362.03	4151967.36	0.69106
565372.03	4151967.36	0.73846	565382.03	4151967.36	0.79075
565452.03	4151967.36	1.37752	565462.03	4151967.36	1.50899
565472.03	4151967.36	1.66384	565482.03	4151967.36	1.84267
565492.03	4151967.36	2.04748	565322.03	4151977.36	0.53662
565332.03	4151977.36	0.56883	565342.03	4151977.36	0.60354
565352.03	4151977.36	0.64109	565362.03	4151977.36	0.68225
565372.03	4151977.36	0.72823	565382.03	4151977.36	0.77885
565432.03	4151977.36	1.13727	565442.03	4151977.36	1.23557
565452.03	4151977.36	1.34587	565462.03	4151977.36	1.47165
565472.03	4151977.36	1.61737	565482.03	4151977.36	1.78503
565332.03	4151987.36	0.56199	565342.03	4151987.36	0.59589
565352.03	4151987.36	0.63246	565362.03	4151987.36	0.67257
565402.03	4151987.36	0.88156	565412.03	4151987.36	0.94950
565422.03	4151987.36	1.02600	565432.03	4151987.36	1.11160
565442.03	4151987.36	1.20672	565452.03	4151987.36	1.31308
565462.03	4151987.36	1.43348	565472.03	4151987.36	1.56994
565372.03	4151997.36	0.70488	565382.03	4151997.36	0.75189
565392.03	4151997.36	0.80433	565402.03	4151997.36	0.86270
565412.03	4151997.36	0.92771	565422.03	4151997.36	1.00189

565432.03	4151997.36	1.08513	565442.03	4151997.36	1.17693
565452.03	4151997.36	1.27957	565462.03	4151997.36	1.39454
565342.03	4152007.36	0.57841	565352.03	4152007.36	0.61340
565362.03	4152007.36	0.65163	565372.03	4152007.36	0.69334
565382.03	4152007.36	0.73911	565392.03	4152007.36	0.78945
565402.03	4152007.36	0.84519	565412.03	4152007.36	0.90720
565422.03	4152007.36	0.97817	565432.03	4152007.36	1.05734
565442.03	4152007.36	1.14500	565332.03	4152017.36	0.53725
565342.03	4152017.36	0.56887	565352.03	4152017.36	0.60348
565362.03	4152017.36	0.64123	565372.03	4152017.36	0.68205
565382.03	4152017.36	0.72673	565392.03	4152017.36	0.77539
565402.03	4152017.36	0.82859	565412.03	4152017.36	0.88764
565332.03	4152027.36	0.52837	565342.03	4152027.36	0.55930
565352.03	4152027.36	0.59346	565362.03	4152027.36	0.63074
565372.03	4152027.36	0.67063	565382.03	4152027.36	0.71443
*** AERMOD - VERSION 22112 ***	*** Construction HRA, Residential Receptors				*** 06/26/23
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR				*** 07:03:09
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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITEEX ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565332.03	4152037.36	0.51982	565342.03	4152037.36	0.54974
565352.03	4152037.36	0.58285			

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*** AERMOT - VERSION 22112 *** *** Construction HRA, Residential Receptors *** 06/26/23
*** AERMET - VERSION 18081 *** *** 501 Industrial Road Hotel EIR *** 07:03:09
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*** MODELOPTs:   NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL_DPM ***									
INCLUDING SOURCE(S):		L0000734	L0000735	L0000736	L0000737	L0000738			
L0000739	, L0000740	, L0000741	, L0000742	, L0000743	, L0000744	, L0000745	, L0000746	, L0000747	, L0000748
L0000747	, L0000748	, L0000749	, L0000750	, L0000751	, L0000752	, L0000753	, L0000754	, L0000755	, L0000756
L0000755	, L0000756	, L0000757	, L0000758	, L0000759	, L0000760	, L0000761	, L0000762	, L0000763	, L0000764

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565602.03	4151557.36	0.71040	565622.03	4151557.36	0.72769
565632.03	4151557.36	0.73637	565642.03	4151557.36	0.74581
565682.03	4151557.36	0.78910	565692.03	4151557.36	0.80109
565702.03	4151557.36	0.81351	565712.03	4151557.36	0.82655
565722.03	4151557.36	0.84019	565732.03	4151557.36	0.85425
565742.03	4151557.36	0.86875	565752.03	4151557.36	0.88362
565762.03	4151557.36	0.89892	565572.03	4151567.36	0.72578
565582.03	4151567.36	0.73252	565592.03	4151567.36	0.74077
565622.03	4151567.36	0.76831	565632.03	4151567.36	0.77750
565642.03	4151567.36	0.78807	565652.03	4151567.36	0.79944
565692.03	4151567.36	0.85149	565702.03	4151567.36	0.86592
565712.03	4151567.36	0.88123	565722.03	4151567.36	0.89743
565732.03	4151567.36	0.91441	565742.03	4151567.36	0.93189
565752.03	4151567.36	0.95004	565762.03	4151567.36	0.96924
565772.03	4151567.36	0.98953	565572.03	4151577.36	0.76802
565582.03	4151577.36	0.77509	565632.03	4151577.36	0.82226
565642.03	4151577.36	0.83381	565652.03	4151577.36	0.84650
565662.03	4151577.36	0.86003	565702.03	4151577.36	0.92282
565712.03	4151577.36	0.94088	565722.03	4151577.36	0.95999
565732.03	4151577.36	0.98028	565742.03	4151577.36	1.00164
565752.03	4151577.36	1.02413	565762.03	4151577.36	1.04823
565772.03	4151577.36	1.07389	565782.03	4151577.36	1.10056
565812.03	4151577.36	1.17674	565822.03	4151577.36	1.20210
565832.03	4151577.36	1.22608	565532.03	4151587.36	0.78711
565542.03	4151587.36	0.79339	565552.03	4151587.36	0.79994
565562.03	4151587.36	0.80674	565572.03	4151587.36	0.81379
565642.03	4151587.36	0.88333	565652.03	4151587.36	0.89720
565662.03	4151587.36	0.91221	565672.03	4151587.36	0.92836
565712.03	4151587.36	1.00607	565722.03	4151587.36	1.02862
565732.03	4151587.36	1.05271	565742.03	4151587.36	1.07895
565752.03	4151587.36	1.10697	565762.03	4151587.36	1.13702
565772.03	4151587.36	1.16924	565782.03	4151587.36	1.20301
565792.03	4151587.36	1.23709	565822.03	4151587.36	1.34399
565832.03	4151587.36	1.37875	565842.03	4151587.36	1.41029

565522.03	4151597.36	0.83218	565532.03	4151597.36	0.83708	
565542.03	4151597.36	0.84275	565552.03	4151597.36	0.84921	
565562.03	4151597.36	0.85599	565652.03	4151597.36	0.95207	
565662.03	4151597.36	0.96867	565672.03	4151597.36	0.98687	
565682.03	4151597.36	1.00679	565722.03	4151597.36	1.10408	
565732.03	4151597.36	1.13279	565742.03	4151597.36	1.16489	
*** AERMOD - VERSION 22112 ***			*** Construction HRA, Residential Receptors			*** 06/26/23
*** AERMET - VERSION 18081 ***			*** 501 Industrial Road Hotel EIR			*** 07:03:09
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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL_DPM ***

INCLUDING SOURCE(S): L0000734 , L0000735 , L0000736 , L0000737 , L0000738 ,

L0000739 , L0000740 , L0000741 , L0000742 , L0000743 , L0000744 , L0000745 , L0000746 ,

L0000747 , L0000748 , L0000749 , L0000750 , L0000751 , L0000752 , L0000753 , L0000754 ,

L0000755 , L0000756 , L0000757 , L0000758 , L0000759 , L0000760 , L0000761 , . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565752.03	4151597.36	1.19963	565762.03	4151597.36	1.23701
565772.03	4151597.36	1.27725	565782.03	4151597.36	1.32039
565792.03	4151597.36	1.36598	565802.03	4151597.36	1.41427
565832.03	4151597.36	1.56757	565842.03	4151597.36	1.61492
565852.03	4151597.36	1.65838	565892.03	4151597.36	1.73989
565532.03	4151607.36	0.89228	565542.03	4151607.36	0.89728
565552.03	4151607.36	0.90306	565562.03	4151607.36	0.90950
565642.03	4151607.36	0.99442	565652.03	4151607.36	1.01119
565662.03	4151607.36	1.02967	565672.03	4151607.36	1.05030
565682.03	4151607.36	1.07287	565692.03	4151607.36	1.09819
565702.03	4151607.36	1.12608	565732.03	4151607.36	1.22173
565742.03	4151607.36	1.26061	565752.03	4151607.36	1.30321
565762.03	4151607.36	1.34971	565772.03	4151607.36	1.40022
565782.03	4151607.36	1.45515	565792.03	4151607.36	1.51551
565802.03	4151607.36	1.58084	565812.03	4151607.36	1.65096
565842.03	4151607.36	1.87613	565852.03	4151607.36	1.94666
565862.03	4151607.36	2.01033	565502.03	4151617.36	0.94043
565512.03	4151617.36	0.94516	565552.03	4151617.36	0.96205
565572.03	4151617.36	0.97447	565582.03	4151617.36	0.98256
565672.03	4151617.36	1.11898	565682.03	4151617.36	1.14481
565692.03	4151617.36	1.17398	565702.03	4151617.36	1.20650
565712.03	4151617.36	1.24166	565742.03	4151617.36	1.36777
565752.03	4151617.36	1.41975	565762.03	4151617.36	1.47723
565772.03	4151617.36	1.54065	565782.03	4151617.36	1.61108
565792.03	4151617.36	1.68952	565802.03	4151617.36	1.77674
565812.03	4151617.36	1.87283	565822.03	4151617.36	1.97851
565852.03	4151617.36	2.33026	565862.03	4151617.36	2.44403
565872.03	4151617.36	2.54103	565482.03	4151627.36	1.00398

565492.03	4151627.36	1.00782	565502.03	4151627.36	1.01085
565512.03	4151627.36	1.01334	565522.03	4151627.36	1.01647
565572.03	4151627.36	1.03720	565582.03	4151627.36	1.04500
565592.03	4151627.36	1.05366	565682.03	4151627.36	1.22327
565692.03	4151627.36	1.25719	565702.03	4151627.36	1.29499
565712.03	4151627.36	1.33655	565722.03	4151627.36	1.38150
565752.03	4151627.36	1.55162	565762.03	4151627.36	1.62262
565772.03	4151627.36	1.70211	565782.03	4151627.36	1.79185
565792.03	4151627.36	1.89371	565802.03	4151627.36	2.00959
565812.03	4151627.36	2.14081	565822.03	4151627.36	2.28965
565832.03	4151627.36	2.45766	565862.03	4151627.36	3.05821
565872.03	4151627.36	3.25876	565882.03	4151627.36	3.41221
*** AERMOD - VERSION 22112 ***	*** Construction HRA, Residential Receptors		***		06/26/23
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR		***		07:03:09
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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL_DPM ***

INCLUDING SOURCE(S): L0000734 , L0000735 , L0000736 , L0000737 , L0000738 ,

L0000739 , L0000740 , L0000741 , L0000742 , L0000743 , L0000744 , L0000745 , L0000746 ,

L0000747 , L0000748 , L0000749 , L0000750 , L0000751 , L0000752 , L0000753 , L0000754 ,

L0000755 , L0000756 , L0000757 , L0000758 , L0000759 , L0000760 , L0000761 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565482.03	4151637.36	1.08968	565492.03	4151637.36	1.09012
565502.03	4151637.36	1.08987	565512.03	4151637.36	1.08960
565522.03	4151637.36	1.09047	565572.03	4151637.36	1.10530
565582.03	4151637.36	1.11304	565592.03	4151637.36	1.12167
565602.03	4151637.36	1.13196	565702.03	4151637.36	1.39232
565712.03	4151637.36	1.44128	565722.03	4151637.36	1.49513
565732.03	4151637.36	1.55604	565772.03	4151637.36	1.88914
565782.03	4151637.36	2.00369	565792.03	4151637.36	2.13538
565802.03	4151637.36	2.28835	565812.03	4151637.36	2.46656
565822.03	4151637.36	2.67514	565832.03	4151637.36	2.92077
565842.03	4151637.36	3.20904	565882.03	4151637.36	4.79375
565892.03	4151637.36	5.01404	565472.03	4151647.36	1.19050
565482.03	4151647.36	1.18750	565492.03	4151647.36	1.18331
565502.03	4151647.36	1.17890	565512.03	4151647.36	1.17500
565552.03	4151647.36	1.17096	565572.03	4151647.36	1.17935
565582.03	4151647.36	1.18713	565592.03	4151647.36	1.19572
565602.03	4151647.36	1.20605	565612.03	4151647.36	1.21911
565712.03	4151647.36	1.55681	565722.03	4151647.36	1.62167
565732.03	4151647.36	1.69549	565742.03	4151647.36	1.77811
565782.03	4151647.36	2.25389	565792.03	4151647.36	2.42418
565802.03	4151647.36	2.62492	565812.03	4151647.36	2.86601
565822.03	4151647.36	3.15797	565832.03	4151647.36	3.51295

565842.03	4151647.36	3.94877	565852.03	4151647.36	4.49356
565862.03	4151647.36	5.18301	565892.03	4151647.36	3.70790
565452.03	4151657.36	1.32105	565462.03	4151657.36	1.31774
565472.03	4151657.36	1.30956	565482.03	4151657.36	1.29945
565492.03	4151657.36	1.28900	565502.03	4151657.36	1.27922
565512.03	4151657.36	1.27059	565542.03	4151657.36	1.25403
565552.03	4151657.36	1.25337	565592.03	4151657.36	1.27639
565602.03	4151657.36	1.28668	565612.03	4151657.36	1.30034
565622.03	4151657.36	1.31831	565722.03	4151657.36	1.76380
565732.03	4151657.36	1.85333	565742.03	4151657.36	1.95360
565752.03	4151657.36	2.06942	565792.03	4151657.36	2.77117
565802.03	4151657.36	3.03605	565812.03	4151657.36	3.36204
565822.03	4151657.36	3.76856	565832.03	4151657.36	4.27923
565842.03	4151657.36	4.93194	565452.03	4151667.36	1.48229
565462.03	4151667.36	1.46721	565472.03	4151667.36	1.44891
565482.03	4151667.36	1.42966	565492.03	4151667.36	1.41054
565502.03	4151667.36	1.39244	565522.03	4151667.36	1.36326
565532.03	4151667.36	1.35266	565542.03	4151667.36	1.34630
*** AERMOD - VERSION 22112 ***		*** Construction HRA, Residential Receptors			***
*** AERMET - VERSION 18081 ***		*** 501 Industrial Road Hotel EIR			***

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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL_DPM ***

INCLUDING SOURCE(S): L0000734 , L0000735 , L0000736 , L0000737 , L0000738 ,

L0000739 , L0000740 , L0000741 , L0000742 , L0000743 , L0000744 , L0000745 , L0000746 ,

L0000747 , L0000748 , L0000749 , L0000750 , L0000751 , L0000752 , L0000753 , L0000754 ,

L0000755 , L0000756 , L0000757 , L0000758 , L0000759 , L0000760 , L0000761 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565552.03	4151667.36	1.34382	565562.03	4151667.36	1.34450
565572.03	4151667.36	1.34820	565592.03	4151667.36	1.36367
565602.03	4151667.36	1.37446	565612.03	4151667.36	1.38925
565622.03	4151667.36	1.40858	565632.03	4151667.36	1.43218
565732.03	4151667.36	2.03165	565742.03	4151667.36	2.15386
565752.03	4151667.36	2.29701	565762.03	4151667.36	2.46586
565802.03	4151667.36	3.54436	565812.03	4151667.36	3.98772
565822.03	4151667.36	4.55433	565832.03	4151667.36	5.29069
565842.03	4151667.36	6.26866	565432.03	4151677.36	1.71940
565442.03	4151677.36	1.70475	565452.03	4151677.36	1.67776
565462.03	4151677.36	1.64515	565472.03	4151677.36	1.61325
565482.03	4151677.36	1.58207	565492.03	4151677.36	1.55078
565522.03	4151677.36	1.47440	565532.03	4151677.36	1.45815
565542.03	4151677.36	1.44799	565552.03	4151677.36	1.44309
565562.03	4151677.36	1.44195	565572.03	4151677.36	1.44360
565602.03	4151677.36	1.47017	565612.03	4151677.36	1.48666

565622.03	4151677.36	1.50735	565632.03	4151677.36	1.53279
565642.03	4151677.36	1.56433	565732.03	4151677.36	2.23340
565742.03	4151677.36	2.38376	565752.03	4151677.36	2.56158
565762.03	4151677.36	2.77310	565772.03	4151677.36	3.02708
565782.03	4151677.36	3.33686	565812.03	4151677.36	4.79409
565822.03	4151677.36	5.59331	565832.03	4151677.36	6.66717
565842.03	4151677.36	8.13150	565432.03	4151687.36	2.01986
565442.03	4151687.36	1.97394	565452.03	4151687.36	1.91720
565462.03	4151687.36	1.85924	565472.03	4151687.36	1.80780
565482.03	4151687.36	1.76024	565502.03	4151687.36	1.66738
565512.03	4151687.36	1.62852	565522.03	4151687.36	1.59948
565532.03	4151687.36	1.57596	565542.03	4151687.36	1.56093
565552.03	4151687.36	1.55296	565562.03	4151687.36	1.54942
565572.03	4151687.36	1.54833	565582.03	4151687.36	1.55225
565612.03	4151687.36	1.59344	565622.03	4151687.36	1.61535
565632.03	4151687.36	1.64306	565642.03	4151687.36	1.67917
565652.03	4151687.36	1.72273	565732.03	4151687.36	2.46599
565742.03	4151687.36	2.65187	565752.03	4151687.36	2.87456
565762.03	4151687.36	3.14212	565772.03	4151687.36	3.46627
565782.03	4151687.36	3.86819	565792.03	4151687.36	4.37047
565822.03	4151687.36	7.01115	565832.03	4151687.36	6.17210
565842.03	4151687.36	7.06566	565412.03	4151697.36	2.51947
565422.03	4151697.36	2.49274	565432.03	4151697.36	2.41443
565442.03	4151697.36	2.31618	565452.03	4151697.36	2.21495
*** AERMOD - VERSION 22112 ***	*** Construction HRA, Residential Receptors	***	06/26/23		
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR	***	07:03:09		
			PAGE 226		
*** MODELOPTs:	NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data				

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL_DPM ***

INCLUDING SOURCE(S): L0000734 , L0000735 , L0000736 , L0000737 , L0000738 ,

L0000739 , L0000740 , L0000741 , L0000742 , L0000743 , L0000744 , L0000745 , L0000746 ,

L0000747 , L0000748 , L0000749 , L0000750 , L0000751 , L0000752 , L0000753 , L0000754 ,

L0000755 , L0000756 , L0000757 , L0000758 , L0000759 , L0000760 , L0000761 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565462.03	4151697.36	2.12023	565472.03	4151697.36	2.03987
565492.03	4151697.36	1.90070	565502.03	4151697.36	1.83734
565512.03	4151697.36	1.78408	565522.03	4151697.36	1.74345
565532.03	4151697.36	1.71040	565542.03	4151697.36	1.68826
565552.03	4151697.36	1.67514	565562.03	4151697.36	1.66775
565572.03	4151697.36	1.66352	565582.03	4151697.36	1.66545
565592.03	4151697.36	1.67401	565622.03	4151697.36	1.73372
565632.03	4151697.36	1.76462	565642.03	4151697.36	1.80577
565652.03	4151697.36	1.85606	565662.03	4151697.36	1.91462
565732.03	4151697.36	2.73835	565742.03	4151697.36	2.96888

565752.03	4151697.36	3.24957	565762.03	4151697.36	3.59071					
565772.03	4151697.36	4.01022	565782.03	4151697.36	4.53971					
565792.03	4151697.36	5.22173	565802.03	4151697.36	6.12046					
565832.03	4151697.36	4.87796	565402.03	4151707.36	3.28798					
565412.03	4151707.36	3.26917	565422.03	4151707.36	3.12557					
565432.03	4151707.36	2.94157	565442.03	4151707.36	2.75779					
565452.03	4151707.36	2.58930	565462.03	4151707.36	2.44150					
565472.03	4151707.36	2.31836	565502.03	4151707.36	2.03638					
565512.03	4151707.36	1.96698	565522.03	4151707.36	1.91099					
565532.03	4151707.36	1.86561	565542.03	4151707.36	1.83334					
565552.03	4151707.36	1.81188	565562.03	4151707.36	1.79824					
565572.03	4151707.36	1.79062	565582.03	4151707.36	1.79072					
565592.03	4151707.36	1.79814	565602.03	4151707.36	1.81313					
565642.03	4151707.36	1.94608	565652.03	4151707.36	2.00285					
565662.03	4151707.36	2.07009	565672.03	4151707.36	2.14946					
565682.03	4151707.36	2.24339	565722.03	4151707.36	2.83426					
565732.03	4151707.36	3.06266	565742.03	4151707.36	3.34939					
565752.03	4151707.36	3.70334	565762.03	4151707.36	4.14182					
565772.03	4151707.36	4.69534	565782.03	4151707.36	5.40833					
565792.03	4151707.36	6.35244	565802.03	4151707.36	7.64137					
565392.03	4151717.36	4.66113	565402.03	4151717.36	4.76385					
565412.03	4151717.36	4.43702	565422.03	4151717.36	4.03364					
565432.03	4151717.36	3.65859	565442.03	4151717.36	3.33548					
565452.03	4151717.36	3.06397	565462.03	4151717.36	2.83869					
565472.03	4151717.36	2.65587	565502.03	4151717.36	2.26690					
565512.03	4151717.36	2.17683	565522.03	4151717.36	2.10158					
565532.03	4151717.36	2.04056	565542.03	4151717.36	1.99575					
565552.03	4151717.36	1.96403	565562.03	4151717.36	1.94256					
565572.03	4151717.36	1.93109	565582.03	4151717.36	1.92873					
565592.03	4151717.36	1.93471	565602.03	4151717.36	1.94924					
*** AERMOD - VERSION 22112 ***	*** Construction HRA, Residential Receptors		***		06/26/23					
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR		***		07:03:09					
*** MODELOPTs: NonDFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data					PAGE 227					
*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL_DPM ***										
INCLUDING SOURCE(S): L0000734 , L0000735 , L0000736 , L0000737 , L0000738 ,										
L0000739 , L0000740 , L0000741 , L0000742 , L0000743 , L0000744 , L0000745 , L0000746 ,										
L0000747 , L0000748 , L0000749 , L0000750 , L0000751 , L0000752 , L0000753 , L0000754 ,										
L0000755 , L0000756 , L0000757 , L0000758 , L0000759 , L0000760 , L0000761 , . . . ,										
*** DISCRETE CARTESIAN RECEPTOR POINTS ***										
** CONC OF OTHER IN MICROGRAMS/M**3 **										
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC					
565612.03	4151717.36	1.97307	565652.03	4151717.36	2.16641					
565662.03	4151717.36	2.24450	565672.03	4151717.36	2.33841					
565682.03	4151717.36	2.45081	565722.03	4151717.36	3.17172					
565732.03	4151717.36	3.45253	565742.03	4151717.36	3.81413					

565752.03	4151717.36	4.26791	565762.03	4151717.36	4.84373
565772.03	4151717.36	5.58800	565782.03	4151717.36	6.57856
565792.03	4151717.36	7.92695	565802.03	4151717.36	6.91513
565812.03	4151717.36	5.43746	565402.03	4151727.36	4.94947
565412.03	4151727.36	6.29611	565422.03	4151727.36	5.34699
565432.03	4151727.36	4.63872	565442.03	4151727.36	4.09392
565452.03	4151727.36	3.66723	565462.03	4151727.36	3.32991
565472.03	4151727.36	3.06462	565482.03	4151727.36	2.85100
565522.03	4151727.36	2.31718	565532.03	4151727.36	2.23789
565542.03	4151727.36	2.17796	565552.03	4151727.36	2.13381
565562.03	4151727.36	2.10286	565572.03	4151727.36	2.08571
565582.03	4151727.36	2.08010	565592.03	4151727.36	2.08412
565602.03	4151727.36	2.09867	565612.03	4151727.36	2.12481
565622.03	4151727.36	2.16384	565662.03	4151727.36	2.44154
565672.03	4151727.36	2.55393	565682.03	4151727.36	2.68962
565692.03	4151727.36	2.85564	565702.03	4151727.36	3.05624
565732.03	4151727.36	3.93233	565742.03	4151727.36	4.39682
565752.03	4151727.36	4.99195	565412.03	4151737.36	6.69729
565422.03	4151737.36	7.22745	565432.03	4151737.36	5.97088
565442.03	4151737.36	5.08711	565452.03	4151737.36	4.43440
565462.03	4151737.36	3.93944	565472.03	4151737.36	3.56019
565482.03	4151737.36	3.26290	565492.03	4151737.36	3.02622
565532.03	4151737.36	2.46135	565542.03	4151737.36	2.38341
565552.03	4151737.36	2.32386	565562.03	4151737.36	2.28111
565572.03	4151737.36	2.25567	565582.03	4151737.36	2.24396
565592.03	4151737.36	2.24599	565602.03	4151737.36	2.26113
565612.03	4151737.36	2.29067	565622.03	4151737.36	2.33573
565632.03	4151737.36	2.39625	565672.03	4151737.36	2.80178
565682.03	4151737.36	2.96868	565692.03	4151737.36	3.16916
565702.03	4151737.36	3.41392	565712.03	4151737.36	3.71551
565372.03	4151747.36	4.49044	565382.03	4151747.36	6.68168
565422.03	4151747.36	10.02463	565432.03	4151747.36	7.81000
565442.03	4151747.36	6.40296	565452.03	4151747.36	5.42115
565462.03	4151747.36	4.70524	565472.03	4151747.36	4.17020
565482.03	4151747.36	3.76058	565492.03	4151747.36	3.44263
565502.03	4151747.36	3.19302	565512.03	4151747.36	2.99592

*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565542.03	4151747.36	2.61520	565552.03	4151747.36	2.53674
565562.03	4151747.36	2.47993	565572.03	4151747.36	2.44431
565582.03	4151747.36	2.42568	565592.03	4151747.36	2.42531
565602.03	4151747.36	2.44155	565612.03	4151747.36	2.47476
565622.03	4151747.36	2.52751	565632.03	4151747.36	2.59925
565642.03	4151747.36	2.68360	565692.03	4151747.36	3.54336
565702.03	4151747.36	3.84740	565712.03	4151747.36	4.23344
565362.03	4151757.36	3.04551	565372.03	4151757.36	4.00770
565382.03	4151757.36	5.45654	565392.03	4151757.36	7.74113
565402.03	4151757.36	5.96371	565442.03	4151757.36	8.22451
565452.03	4151757.36	6.72507	565462.03	4151757.36	5.68581
565472.03	4151757.36	4.93460	565482.03	4151757.36	4.37266
565492.03	4151757.36	3.94570	565502.03	4151757.36	3.61649
565512.03	4151757.36	3.36022	565552.03	4151757.36	2.77690
565562.03	4151757.36	2.70380	565572.03	4151757.36	2.65649
565582.03	4151757.36	2.62988	565592.03	4151757.36	2.62637
565602.03	4151757.36	2.64303	565612.03	4151757.36	2.68103
565622.03	4151757.36	2.74247	565632.03	4151757.36	2.82762
565642.03	4151757.36	2.92936	565652.03	4151757.36	3.05775
565702.03	4151757.36	4.38255	565712.03	4151757.36	4.88777
565722.03	4151757.36	5.56141	565732.03	4151757.36	6.45598
565362.03	4151767.36	2.81886	565372.03	4151767.36	3.54150
565382.03	4151767.36	4.54381	565392.03	4151767.36	5.99500
565402.03	4151767.36	8.22406	565412.03	4151767.36	8.22647
565442.03	4151767.36	8.37130	565452.03	4151767.36	8.54985
565462.03	4151767.36	6.99100	565472.03	4151767.36	5.92240
565482.03	4151767.36	5.14635	565492.03	4151767.36	4.56787
565502.03	4151767.36	4.12817	565512.03	4151767.36	3.79062
565522.03	4151767.36	3.52977	565562.03	4151767.36	2.96252
565572.03	4151767.36	2.90243	565582.03	4151767.36	2.86762
565592.03	4151767.36	2.85919	565602.03	4151767.36	2.87419
565612.03	4151767.36	2.91486	565622.03	4151767.36	2.98404
565632.03	4151767.36	3.08138	565642.03	4151767.36	3.20706
565652.03	4151767.36	3.36871	565662.03	4151767.36	3.57342

565712.03	4151767.36	5.74299	565722.03	4151767.36	6.66332
565732.03	4151767.36	7.92163	565352.03	4151777.36	2.16417
565362.03	4151777.36	2.59491	565372.03	4151777.36	3.14400
565382.03	4151777.36	3.86491	565392.03	4151777.36	4.85564
565402.03	4151777.36	6.28029	565412.03	4151777.36	8.40307
565462.03	4151777.36	8.82948	565472.03	4151777.36	7.24076

*** AERMOD - VERSION 22112 *** *** Construction HRA, Residential Receptors *** 06/26/23
 *** AERMET - VERSION 18081 *** *** 501 Industrial Road Hotel EIR *** 07:03:09
 *** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data PAGE 229

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL_DPM ***
 INCLUDING SOURCE(S): L0000734 , L0000735 , L0000736 , L0000737 , L0000738 ,
 L0000739 , L0000740 , L0000741 , L0000742 , L0000743 , L0000744 , L0000745 , L0000746 ,
 L0000747 , L0000748 , L0000749 , L0000750 , L0000751 , L0000752 , L0000753 , L0000754 ,
 L0000755 , L0000756 , L0000757 , L0000758 , L0000759 , L0000760 , L0000761 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565482.03	4151777.36	6.14431	565492.03	4151777.36	5.34815
565502.03	4151777.36	4.75569	565512.03	4151777.36	4.30862
565522.03	4151777.36	3.96770	565532.03	4151777.36	3.70729
565582.03	4151777.36	3.13653	565592.03	4151777.36	3.12176
565602.03	4151777.36	3.13537	565612.03	4151777.36	3.17982
565622.03	4151777.36	3.25887	565632.03	4151777.36	3.37243
565642.03	4151777.36	3.52976	565652.03	4151777.36	3.73538
565662.03	4151777.36	3.99429	565672.03	4151777.36	4.31716
565342.03	4151787.36	1.76056	565352.03	4151787.36	2.04119
565362.03	4151787.36	2.39402	565372.03	4151787.36	2.82266
565382.03	4151787.36	3.36366	565392.03	4151787.36	4.07834
565402.03	4151787.36	5.05817	565412.03	4151787.36	6.42226
565422.03	4151787.36	8.50486	565472.03	4151787.36	9.11695
565482.03	4151787.36	7.48610	565492.03	4151787.36	6.35786
565502.03	4151787.36	5.54445	565512.03	4151787.36	4.94537
565522.03	4151787.36	4.49602	565532.03	4151787.36	4.15719
565542.03	4151787.36	3.90767	565582.03	4151787.36	3.44182
565592.03	4151787.36	3.42052	565602.03	4151787.36	3.43328
565612.03	4151787.36	3.48346	565622.03	4151787.36	3.57612
565632.03	4151787.36	3.71075	565642.03	4151787.36	3.90892
565652.03	4151787.36	4.17299	565662.03	4151787.36	4.50592
565672.03	4151787.36	4.92115	565682.03	4151787.36	5.46057
565352.03	4151797.36	1.92482	565362.03	4151797.36	2.22003
565372.03	4151797.36	2.56886	565382.03	4151797.36	2.99704
565392.03	4151797.36	3.54080	565402.03	4151797.36	4.24709
565412.03	4151797.36	5.18249	565422.03	4151797.36	6.53128
565432.03	4151797.36	8.54043	565482.03	4151797.36	9.41166
565492.03	4151797.36	7.72381	565502.03	4151797.36	6.57253

565512.03	4151797.36	5.75242	565522.03	4151797.36	5.15425
565532.03	4151797.36	4.71030	565542.03	4151797.36	4.38237
565552.03	4151797.36	4.14227	565562.03	4151797.36	3.97079
565592.03	4151797.36	3.76297	565602.03	4151797.36	3.78259
565612.03	4151797.36	3.84678	565622.03	4151797.36	3.95909
565632.03	4151797.36	4.12426	565642.03	4151797.36	4.36798
565652.03	4151797.36	4.69491	565662.03	4151797.36	5.12490
565672.03	4151797.36	5.68812	565682.03	4151797.36	6.44140
565692.03	4151797.36	7.43781	565702.03	4151797.36	8.82313
565322.03	4151807.36	1.29831	565332.03	4151807.36	1.44163
565362.03	4151807.36	2.07289	565372.03	4151807.36	2.36247
565382.03	4151807.36	2.71311	565392.03	4151807.36	3.14047
*** AERMOD - VERSION 22112 ***	*** Construction HRA, Residential Receptors	***	06/26/23		
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR	***	07:03:09		
			PAGE 230		

*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL_DPM ***

INCLUDING SOURCE(S): L0000734 , L0000735 , L0000736 , L0000737 , L0000738 ,

L0000739 , L0000740 , L0000741 , L0000742 , L0000743 , L0000744 , L0000745 , L0000746 ,

L0000747 , L0000748 , L0000749 , L0000750 , L0000751 , L0000752 , L0000753 , L0000754 ,

L0000755 , L0000756 , L0000757 , L0000758 , L0000759 , L0000760 , L0000761 , . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565402.03	4151807.36	3.66909	565412.03	4151807.36	4.34067
565422.03	4151807.36	5.28181	565432.03	4151807.36	6.58566
565442.03	4151807.36	8.52243	565492.03	4151807.36	9.69554
565502.03	4151807.36	7.96639	565512.03	4151807.36	6.80501
565522.03	4151807.36	5.98789	565532.03	4151807.36	5.39497
565542.03	4151807.36	4.95740	565552.03	4151807.36	4.63880
565562.03	4151807.36	4.41448	565572.03	4151807.36	4.26814
565602.03	4151807.36	4.19046	565612.03	4151807.36	4.27398
565622.03	4151807.36	4.41331	565632.03	4151807.36	4.62048
565642.03	4151807.36	4.92603	565652.03	4151807.36	5.34155
565662.03	4151807.36	5.90986	565672.03	4151807.36	6.69382
565682.03	4151807.36	7.77481	565692.03	4151807.36	9.21753
565702.03	4151807.36	5.78066	565322.03	4151817.36	1.26927
565332.03	4151817.36	1.39842	565342.03	4151817.36	1.55094
565372.03	4151817.36	2.19511	565382.03	4151817.36	2.48797
565392.03	4151817.36	2.83418	565402.03	4151817.36	3.24427
565412.03	4151817.36	3.75058	565422.03	4151817.36	4.43856
565432.03	4151817.36	5.35073	565442.03	4151817.36	6.63219
565452.03	4151817.36	8.54084	565502.03	4151817.36	9.98691
565512.03	4151817.36	8.23474	565522.03	4151817.36	7.07765
565532.03	4151817.36	6.26339	565542.03	4151817.36	5.66818
565552.03	4151817.36	5.23971	565562.03	4151817.36	4.94277

565572.03	4151817.36	4.75713	565582.03	4151817.36	4.65555
565612.03	4151817.36	4.78282	565622.03	4151817.36	4.95917
565632.03	4151817.36	5.22502	565642.03	4151817.36	5.61757
565652.03	4151817.36	6.15939	565662.03	4151817.36	6.93559
565672.03	4151817.36	8.06607	565682.03	4151817.36	9.64677
565692.03	4151817.36	6.03711	565322.03	4151827.36	1.24362
565332.03	4151827.36	1.36216	565342.03	4151827.36	1.49857
565352.03	4151827.36	1.65719	565392.03	4151827.36	2.58968
565402.03	4151827.36	2.92692	565412.03	4151827.36	3.33529
565422.03	4151827.36	3.86982	565432.03	4151827.36	4.55526
565442.03	4151827.36	5.47370	565452.03	4151827.36	6.74862
565462.03	4151827.36	8.61261	565512.03	4151827.36	10.32279
565522.03	4151827.36	8.55261	565532.03	4151827.36	7.38420
565542.03	4151827.36	6.57077	565552.03	4151827.36	5.99961
565562.03	4151827.36	5.60587	565572.03	4151827.36	5.35267
565582.03	4151827.36	5.21209	565592.03	4151827.36	5.17234
565622.03	4151827.36	5.62421	565632.03	4151827.36	5.99948
565642.03	4151827.36	6.53573	565652.03	4151827.36	7.28813
*** AERMOD - VERSION 22112 ***		*** Construction HRA, Residential Receptors			***
*** AERMET - VERSION 18081 ***		*** 501 Industrial Road Hotel EIR			***

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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL_DPM ***
INCLUDING SOURCE(S): L0000734 , L0000735 , L0000736 , L0000737 , L0000738 ,
L0000739 , L0000740 , L0000741 , L0000742 , L0000743 , L0000744 , L0000745 , L0000746 ,
L0000747 , L0000748 , L0000749 , L0000750 , L0000751 , L0000752 , L0000753 , L0000754 ,
L0000755 , L0000756 , L0000757 , L0000758 , L0000759 , L0000760 , L0000761 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565662.03	4151827.36	8.38333	565672.03	4151827.36	10.00362
565322.03	4151837.36	1.22054	565332.03	4151837.36	1.33013
565342.03	4151837.36	1.45379	565352.03	4151837.36	1.59345
565362.03	4151837.36	1.75285	565402.03	4151837.36	2.68606
565412.03	4151837.36	3.02478	565422.03	4151837.36	3.45602
565432.03	4151837.36	3.99212	565442.03	4151837.36	4.68229
565452.03	4151837.36	5.59937	565462.03	4151837.36	6.85708
565472.03	4151837.36	8.67669	565522.03	4151837.36	10.70201
565532.03	4151837.36	8.90380	565542.03	4151837.36	7.74750
565552.03	4151837.36	6.96573	565562.03	4151837.36	6.43257
565572.03	4151837.36	6.08139	565582.03	4151837.36	5.88429
565592.03	4151837.36	5.82924	565602.03	4151837.36	5.90110
565642.03	4151837.36	7.75263	565652.03	4151837.36	8.83971
565662.03	4151837.36	7.88776	565322.03	4151847.36	1.20021
565332.03	4151847.36	1.30253	565342.03	4151847.36	1.41583
565352.03	4151847.36	1.54070	565362.03	4151847.36	1.68176

565372.03	4151847.36	1.84793	565412.03	4151847.36	2.79034
565422.03	4151847.36	3.14838	565432.03	4151847.36	3.58431
565442.03	4151847.36	4.12588	565452.03	4151847.36	4.81823
565462.03	4151847.36	5.72489	565472.03	4151847.36	6.95988
565482.03	4151847.36	8.74148	565532.03	4151847.36	11.12348
565542.03	4151847.36	9.35086	565552.03	4151847.36	8.23299
565562.03	4151847.36	7.48627	565572.03	4151847.36	6.99145
565582.03	4151847.36	6.71147	565592.03	4151847.36	6.63365
565602.03	4151847.36	6.72957	565612.03	4151847.36	7.01372
565652.03	4151847.36	8.58181	565322.03	4151857.36	1.18173
565332.03	4151857.36	1.27699	565342.03	4151857.36	1.38219
565352.03	4151857.36	1.49853	565362.03	4151857.36	1.62886
565372.03	4151857.36	1.77765	565382.03	4151857.36	1.94692
565422.03	4151857.36	2.91366	565432.03	4151857.36	3.27544
565442.03	4151857.36	3.71484	565452.03	4151857.36	4.26083
565462.03	4151857.36	4.95312	565472.03	4151857.36	5.85465
565482.03	4151857.36	7.08216	565492.03	4151857.36	8.85529
565502.03	4151857.36	9.26804	565542.03	4151857.36	11.72352
565552.03	4151857.36	9.94421	565562.03	4151857.36	8.84301
565592.03	4151857.36	7.65725	565602.03	4151857.36	7.79789
565612.03	4151857.36	8.20468	565622.03	4151857.36	8.94075
565322.03	4151867.36	1.16654	565332.03	4151867.36	1.25636
565342.03	4151867.36	1.35551	565352.03	4151867.36	1.46534
565362.03	4151867.36	1.58775	565372.03	4151867.36	1.72353
*** AERMOD - VERSION 22112 ***	*** Construction HRA, Residential Receptors	***	06/26/23		
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR	***	07:03:09		
			PAGE 232		
*** MODELOPTs:	NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data				

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL_DPM ***

INCLUDING SOURCE(S): L0000734 , L0000735 , L0000736 , L0000737 , L0000738 ,

L0000739 , L0000740 , L0000741 , L0000742 , L0000743 , L0000744 , L0000745 , L0000746 ,

L0000747 , L0000748 , L0000749 , L0000750 , L0000751 , L0000752 , L0000753 , L0000754 ,

L0000755 , L0000756 , L0000757 , L0000758 , L0000759 , L0000760 , L0000761 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565382.03	4151867.36	1.87593	565392.03	4151867.36	2.04931
565432.03	4151867.36	3.05046	565442.03	4151867.36	3.42104
565452.03	4151867.36	3.87055	565462.03	4151867.36	4.42321
565472.03	4151867.36	5.12170	565482.03	4151867.36	6.02860
565492.03	4151867.36	7.26719	565502.03	4151867.36	9.03064
565512.03	4151867.36	9.62248	565552.03	4151867.36	12.46033
565602.03	4151867.36	9.19258	565612.03	4151867.36	9.79212
565622.03	4151867.36	10.88647	565332.03	4151877.36	1.24036
565342.03	4151877.36	1.33500	565352.03	4151877.36	1.44023
565362.03	4151877.36	1.55726	565372.03	4151877.36	1.68302

565382.03	4151877.36	1.82297
565402.03	4151877.36	2.16814
565452.03	4151877.36	3.59767
565472.03	4151877.36	4.62855
565492.03	4151877.36	6.27146
565512.03	4151877.36	9.29888
565612.03	4151877.36	12.00628
565342.03	4151887.36	1.32066
565362.03	4151887.36	1.53194
565382.03	4151887.36	1.78731
565402.03	4151887.36	2.11186
565452.03	4151887.36	3.41545
565472.03	4151887.36	4.30236
565492.03	4151887.36	5.63589
565512.03	4151887.36	7.89511
565352.03	4151897.36	1.40877
565372.03	4151897.36	1.63395
565392.03	4151897.36	1.91243
565412.03	4151897.36	2.26275
565452.03	4151897.36	3.30330
565472.03	4151897.36	4.10150
565492.03	4151897.36	5.25045
565312.03	4151907.36	1.06184
565362.03	4151907.36	1.50794
565382.03	4151907.36	1.75651
565402.03	4151907.36	2.06207
565422.03	4151907.36	2.44763
565472.03	4151907.36	4.00317
565492.03	4151907.36	5.05370
565312.03	4151917.36	1.06437

565392.03	4151877.36	1.98342
565442.03	4151877.36	3.21369
565462.03	4151877.36	4.06065
565482.03	4151877.36	5.34118
565502.03	4151877.36	7.52803
565522.03	4151877.36	11.99549
565622.03	4151877.36	8.24910
565352.03	4151887.36	1.42090
565372.03	4151887.36	1.65276
565392.03	4151887.36	1.93915
565412.03	4151887.36	2.30676
565462.03	4151887.36	3.81968
565482.03	4151887.36	4.89003
565502.03	4151887.36	6.60352
565312.03	4151897.36	1.06413
565362.03	4151897.36	1.51569
565382.03	4151897.36	1.76551
565402.03	4151897.36	2.07717
565422.03	4151897.36	2.47241
565462.03	4151897.36	3.67290
565482.03	4151897.36	4.61400
565502.03	4151897.36	6.05388
565322.03	4151907.36	1.13711
565372.03	4151907.36	1.62562
565392.03	4151907.36	1.90117
565412.03	4151907.36	2.24271
565432.03	4151907.36	2.67990
565482.03	4151907.36	4.47389
565502.03	4151907.36	5.76911
565322.03	4151917.36	1.13857

*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

INCLUDING SOURCE(S) :

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

* *

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565332.03	4151917.36	1.22002	565372.03	4151917.36	1.62710
565382.03	4151917.36	1.75825	565392.03	4151917.36	1.90351
565402.03	4151917.36	2.06548	565412.03	4151917.36	2.24660
565422.03	4151917.36	2.45183	565432.03	4151917.36	2.68359
565442.03	4151917.36	2.94812	565452.03	4151917.36	3.25132
565482.03	4151917.36	4.45610	565492.03	4151917.36	5.01378
565502.03	4151917.36	5.69027	565512.03	4151917.36	6.52170
565312.03	4151927.36	1.06964	565322.03	4151927.36	1.14358
565332.03	4151927.36	1.22446	565342.03	4151927.36	1.31319
565352.03	4151927.36	1.41069	565372.03	4151927.36	1.63849
565382.03	4151927.36	1.77215	565392.03	4151927.36	1.92078
565402.03	4151927.36	2.08685	565412.03	4151927.36	2.27330
565422.03	4151927.36	2.48370	565432.03	4151927.36	2.72155
565442.03	4151927.36	2.99313	565452.03	4151927.36	3.30376
565462.03	4151927.36	3.66064	565482.03	4151927.36	4.54898
565492.03	4151927.36	5.11591	565502.03	4151927.36	5.79823
565512.03	4151927.36	6.63785	565522.03	4151927.36	7.70690
565312.03	4151937.36	1.07761	565322.03	4151937.36	1.15187
565332.03	4151937.36	1.23314	565342.03	4151937.36	1.32350
565352.03	4151937.36	1.42422	565362.03	4151937.36	1.53612
565392.03	4151937.36	1.95332	565402.03	4151937.36	2.12706
565412.03	4151937.36	2.32289	565422.03	4151937.36	2.54434
565432.03	4151937.36	2.79514	565442.03	4151937.36	3.08250
565452.03	4151937.36	3.41167	565462.03	4151937.36	3.79197
565482.03	4151937.36	4.75660	565492.03	4151937.36	5.36807
565502.03	4151937.36	6.10392	565512.03	4151937.36	7.02181
565522.03	4151937.36	8.21976	565312.03	4151947.36	1.08682
565322.03	4151947.36	1.16347	565332.03	4151947.36	1.24782
565342.03	4151947.36	1.34121	565352.03	4151947.36	1.44528
565362.03	4151947.36	1.56110	565372.03	4151947.36	1.69077
565402.03	4151947.36	2.18742	565412.03	4151947.36	2.39886
565422.03	4151947.36	2.63726	565432.03	4151947.36	2.90944
565442.03	4151947.36	3.22218	565452.03	4151947.36	3.58215
565482.03	4151947.36	5.09484	565492.03	4151947.36	5.79889

565502.03	4151947.36	6.66149	565512.03	4151947.36	7.75556		
565312.03	4151957.36	1.09860	565322.03	4151957.36	1.17870		
565332.03	4151957.36	1.26711	565342.03	4151957.36	1.36471		
565352.03	4151957.36	1.47313	565362.03	4151957.36	1.59456		
565372.03	4151957.36	1.73233	565382.03	4151957.36	1.88790		
565412.03	4151957.36	2.50281	565422.03	4151957.36	2.76656		
*** AERMOD - VERSION 22112 ***			*** Construction HRA, Residential Receptors			***	06/26/23
*** AERMET - VERSION 18081 ***			*** 501 Industrial Road Hotel EIR			***	07:03:09
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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL_DPM ***

INCLUDING SOURCE(S): L0000734 , L0000735 , L0000736 , L0000737 , L0000738 ,

L0000739 , L0000740 , L0000741 , L0000742 , L0000743 , L0000744 , L0000745 , L0000746 ,

L0000747 , L0000748 , L0000749 , L0000750 , L0000751 , L0000752 , L0000753 , L0000754 ,

L0000755 , L0000756 , L0000757 , L0000758 , L0000759 , L0000760 , L0000761 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565432.03	4151957.36	3.06982	565462.03	4151957.36	4.30617
565472.03	4151957.36	4.89073	565482.03	4151957.36	5.59896
565492.03	4151957.36	6.45941	565502.03	4151957.36	7.54380
565312.03	4151967.36	1.11308	565322.03	4151967.36	1.19733
565332.03	4151967.36	1.29101	565342.03	4151967.36	1.39427
565352.03	4151967.36	1.50855	565362.03	4151967.36	1.63729
565372.03	4151967.36	1.78572	565382.03	4151967.36	1.95437
565452.03	4151967.36	4.16205	565462.03	4151967.36	4.73132
565472.03	4151967.36	5.44410	565482.03	4151967.36	6.33064
565492.03	4151967.36	7.44237	565322.03	4151977.36	1.21990
565332.03	4151977.36	1.31970	565342.03	4151977.36	1.43005
565352.03	4151977.36	1.55306	565362.03	4151977.36	1.69251
565372.03	4151977.36	1.85434	565382.03	4151977.36	2.03996
565432.03	4151977.36	3.57056	565442.03	4151977.36	4.05529
565452.03	4151977.36	4.63367	565462.03	4151977.36	5.34199
565472.03	4151977.36	6.23694	565482.03	4151977.36	7.38255
565332.03	4151987.36	1.35339	565342.03	4151987.36	1.47267
565352.03	4151987.36	1.60653	565362.03	4151987.36	1.76000
565402.03	4151987.36	2.68351	565412.03	4151987.36	3.02921
565422.03	4151987.36	3.44569	565432.03	4151987.36	3.94723
565442.03	4151987.36	4.55059	565452.03	4151987.36	5.28714
565462.03	4151987.36	6.20770	565472.03	4151987.36	7.38240
565372.03	4151997.36	2.04020	565382.03	4151997.36	2.27517
565392.03	4151997.36	2.55706	565402.03	4151997.36	2.89611
565412.03	4151997.36	3.30559	565422.03	4151997.36	3.81588
565432.03	4151997.36	4.44777	565442.03	4151997.36	5.22328
565452.03	4151997.36	6.19921	565462.03	4151997.36	7.45008
565342.03	4152007.36	1.57856	565352.03	4152007.36	1.74427

565362.03	4152007.36	1.93856	565372.03	4152007.36	2.16781
565382.03	4152007.36	2.44171	565392.03	4152007.36	2.77172
565402.03	4152007.36	3.17398	565412.03	4152007.36	3.66984
565422.03	4152007.36	4.30421	565432.03	4152007.36	5.10751
565442.03	4152007.36	6.13072	565332.03	4152017.36	1.48198
565342.03	4152017.36	1.64222	565352.03	4152017.36	1.83151
565362.03	4152017.36	2.05668	565372.03	4152017.36	2.32451
565382.03	4152017.36	2.64967	565392.03	4152017.36	3.04545
565402.03	4152017.36	3.53238	565412.03	4152017.36	4.14624
565332.03	4152027.36	1.53475	565342.03	4152027.36	1.71488
565352.03	4152027.36	1.93269	565362.03	4152027.36	2.19648
565372.03	4152027.36	2.51294	565382.03	4152027.36	2.90603
*** AERMOD - VERSION 22112 ***	*** Construction HRA, Residential Receptors		***		06/26/23
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR		***		07:03:09
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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL_DPM ***

INCLUDING SOURCE(S): L0000734 , L0000735 , L0000736 , L0000737 , L0000738 ,

L0000739 , L0000740 , L0000741 , L0000742 , L0000743 , L0000744 , L0000745 , L0000746 ,

L0000747 , L0000748 , L0000749 , L0000750 , L0000751 , L0000752 , L0000753 , L0000754 ,

L0000755 , L0000756 , L0000757 , L0000758 , L0000759 , L0000760 , L0000761 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565332.03	4152037.36	1.59455	565342.03	4152037.36	1.79652
565352.03	4152037.36	2.04479			

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*** AERMOD - VERSION 22112 *** *** Construction HRA, Residential Receptors *** 06/26/23
*** AERMET - VERSION 18081 *** *** 501 Industrial Road Hotel EIR *** 07:03:09
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*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL_PM ***
      INCLUDING SOURCE(S):      L0000878      , L0000879      , L0000880      , L0000881      , L0000882      ,
L0000884      , L0000885      , L0000886      , L0000887      , L0000888      , L0000889      , L0000890      ,
L0000892      , L0000893      , L0000894      , L0000895      , L0000896      , L0000897      , L0000898      ,
L0000900      , L0000901      , L0000902      , L0000903      , L0000904      , L0000905      , . . .

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

565602.03	4151557.36	0.70672	565622.03	4151557.36	0.72477
565632.03	4151557.36	0.73381	565642.03	4151557.36	0.74355
565682.03	4151557.36	0.78774	565692.03	4151557.36	0.79992
565702.03	4151557.36	0.81250	565712.03	4151557.36	0.82564
565722.03	4151557.36	0.83933	565732.03	4151557.36	0.85336
565742.03	4151557.36	0.86771	565752.03	4151557.36	0.88230
565762.03	4151557.36	0.89717	565572.03	4151567.36	0.72043
565582.03	4151567.36	0.72765	565592.03	4151567.36	0.73633
565622.03	4151567.36	0.76504	565632.03	4151567.36	0.77459
565642.03	4151567.36	0.78543	565652.03	4151567.36	0.79703
565692.03	4151567.36	0.84987	565702.03	4151567.36	0.86449
565712.03	4151567.36	0.87996	565722.03	4151567.36	0.89628
565732.03	4151567.36	0.91334	565742.03	4151567.36	0.93082
565752.03	4151567.36	0.94887	565762.03	4151567.36	0.96784
565772.03	4151567.36	0.98773	565572.03	4151577.36	0.76220
565582.03	4151577.36	0.76980	565632.03	4151577.36	0.81895
565642.03	4151577.36	0.83075	565652.03	4151577.36	0.84364
565662.03	4151577.36	0.85734	565702.03	4151577.36	0.92084
565712.03	4151577.36	0.93908	565722.03	4151577.36	0.95836
565732.03	4151577.36	0.97881	565742.03	4151577.36	1.00029
565752.03	4151577.36	1.02287	565762.03	4151577.36	1.04700
565772.03	4151577.36	1.07255	565782.03	4151577.36	1.09892
565812.03	4151577.36	1.17369	565822.03	4151577.36	1.19850
565832.03	4151577.36	1.22227	565532.03	4151587.36	0.77924
565542.03	4151587.36	0.78573	565552.03	4151587.36	0.79265
565562.03	4151587.36	0.79993	565572.03	4151587.36	0.80752
565642.03	4151587.36	0.87983	565652.03	4151587.36	0.89387
565662.03	4151587.36	0.90903	565672.03	4151587.36	0.92531
565712.03	4151587.36	1.00364	565722.03	4151587.36	1.02638
565732.03	4151587.36	1.05066	565742.03	4151587.36	1.07712
565752.03	4151587.36	1.10539	565762.03	4151587.36	1.13573
565772.03	4151587.36	1.16815	565782.03	4151587.36	1.20202
565792.03	4151587.36	1.23617	565822.03	4151587.36	1.34243
565832.03	4151587.36	1.37685	565842.03	4151587.36	1.40871

565522.03	4151597.36	0.82333	565532.03	4151597.36	0.82841	
565542.03	4151597.36	0.83443	565552.03	4151597.36	0.84135	
565562.03	4151597.36	0.84869	565562.03	4151597.36	0.94827	
565662.03	4151597.36	0.96499	565672.03	4151597.36	0.98330	
565682.03	4151597.36	1.00333	565722.03	4151597.36	1.10117	
565732.03	4151597.36	1.13013	565742.03	4151597.36	1.16251	
*** AERMOD - VERSION 22112 ***			*** Construction HRA, Residential Receptors			*** 06/26/23
*** AERMET - VERSION 18081 ***			*** 501 Industrial Road Hotel EIR			*** 07:03:09
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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL_PM ***

INCLUDING SOURCE(S): L0000878 , L0000879 , L0000880 , L0000881 , L0000882 ,

L0000883 , L0000884 , L0000885 , L0000886 , L0000887 , L0000888 , L0000889 , L0000890 ,

L0000891 , L0000892 , L0000893 , L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,

L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565752.03	4151597.36	1.19761	565762.03	4151597.36	1.23541
565772.03	4151597.36	1.27615	565782.03	4151597.36	1.31983
565792.03	4151597.36	1.36609	565802.03	4151597.36	1.41505
565832.03	4151597.36	1.56945	565842.03	4151597.36	1.61794
565852.03	4151597.36	1.66337	565892.03	4151597.36	1.76589
565532.03	4151607.36	0.88278	565542.03	4151607.36	0.88826
565552.03	4151607.36	0.89463	565562.03	4151607.36	0.90171
565642.03	4151607.36	0.99007	565652.03	4151607.36	1.00695
565662.03	4151607.36	1.02553	565672.03	4151607.36	1.04626
565682.03	4151607.36	1.06892	565692.03	4151607.36	1.09433
565702.03	4151607.36	1.12230	565732.03	4151607.36	1.21857
565742.03	4151607.36	1.25779	565752.03	4151607.36	1.30079
565762.03	4151607.36	1.34780	565772.03	4151607.36	1.39905
565782.03	4151607.36	1.45503	565792.03	4151607.36	1.51667
565802.03	4151607.36	1.58352	565812.03	4151607.36	1.65530
565842.03	4151607.36	1.88791	565852.03	4151607.36	1.96262
565862.03	4151607.36	2.03154	565502.03	4151617.36	0.92968
565512.03	4151617.36	0.93418	565552.03	4151617.36	0.95297
565572.03	4151617.36	0.96688	565582.03	4151617.36	0.97563
565672.03	4151617.36	1.11455	565682.03	4151617.36	1.14047
565692.03	4151617.36	1.16974	565702.03	4151617.36	1.20234
565712.03	4151617.36	1.23768	565742.03	4151617.36	1.36474
565752.03	4151617.36	1.41719	565762.03	4151617.36	1.47537
565772.03	4151617.36	1.53987	565782.03	4151617.36	1.61180
565792.03	4151617.36	1.69225	565802.03	4151617.36	1.78195
565812.03	4151617.36	1.88148	565822.03	4151617.36	1.99153
565852.03	4151617.36	2.36732	565862.03	4151617.36	2.49244
565872.03	4151617.36	2.59887	565482.03	4151627.36	0.99331

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*** AERMOD - VERSION 22112 *** *** Construction HRA, Residential Receptors *** 06/26/23
*** AERMET - VERSION 18081 *** *** 501 Industrial Road Hotel EIR *** 07:03:09
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*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL_PM ***
    INCLUDING SOURCE(S):  L0000878 , L0000879 , L0000880 , L0000881 , L0000882 ,
    L0000884 , L0000885 , L0000886 , L0000887 , L0000888 , L0000889 , L0000890 ,
    L0000892 , L0000893 , L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
    L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , . . .

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565482.03	4151637.36	1.07740	565492.03	4151637.36	1.07708
565502.03	4151637.36	1.07652	565512.03	4151637.36	1.07632
565522.03	4151637.36	1.07746	565572.03	4151637.36	1.09661
565582.03	4151637.36	1.10510	565592.03	4151637.36	1.11442
565602.03	4151637.36	1.12529	565702.03	4151637.36	1.38826
565712.03	4151637.36	1.43757	565722.03	4151637.36	1.49187
565732.03	4151637.36	1.55334	565772.03	4151637.36	1.89228
565782.03	4151637.36	2.00998	565792.03	4151637.36	2.14639
565802.03	4151637.36	2.30594	565812.03	4151637.36	2.49360
565822.03	4151637.36	2.71595	565832.03	4151637.36	2.98134
565842.03	4151637.36	3.29845	565882.03	4151637.36	5.17118
565892.03	4151637.36	5.51491	565472.03	4151647.36	1.17758
565482.03	4151647.36	1.17340	565492.03	4151647.36	1.16855
565502.03	4151647.36	1.16399	565512.03	4151647.36	1.16031
565552.03	4151647.36	1.15962	565572.03	4151647.36	1.16995
565582.03	4151647.36	1.17852	565592.03	4151647.36	1.18787
565602.03	4151647.36	1.19885	565612.03	4151647.36	1.21241
565712.03	4151647.36	1.55384	565722.03	4151647.36	1.61935
565732.03	4151647.36	1.69395	565742.03	4151647.36	1.77784
565782.03	4151647.36	2.26621	565792.03	4151647.36	2.44403
565802.03	4151647.36	2.65587	565812.03	4151647.36	2.91297

565822.03	4151647.36	3.22779	565832.03	4151647.36	3.61654
565842.03	4151647.36	4.10375	565852.03	4151647.36	4.72512
565862.03	4151647.36	5.54019	565892.03	4151647.36	3.89565
565452.03	4151657.36	1.31075	565462.03	4151657.36	1.30474
565472.03	4151657.36	1.29463	565482.03	4151657.36	1.28329
565492.03	4151657.36	1.27229	565502.03	4151657.36	1.26244
565512.03	4151657.36	1.25414	565542.03	4151657.36	1.24059
565552.03	4151657.36	1.24105	565592.03	4151657.36	1.26783
565602.03	4151657.36	1.27886	565612.03	4151657.36	1.29310
565622.03	4151657.36	1.31150	565722.03	4151657.36	1.76298
565732.03	4151657.36	1.85368	565742.03	4151657.36	1.95591
565752.03	4151657.36	2.07438	565792.03	4151657.36	2.80482
565802.03	4151657.36	3.08838	565812.03	4151657.36	3.44071
565822.03	4151657.36	3.88485	565832.03	4151657.36	4.45257
565842.03	4151657.36	5.19724	565452.03	4151667.36	1.47042
565462.03	4151667.36	1.45206	565472.03	4151667.36	1.43149
565482.03	4151667.36	1.41073	565492.03	4151667.36	1.39115
565502.03	4151667.36	1.37347	565522.03	4151667.36	1.34627
565532.03	4151667.36	1.33703	565542.03	4151667.36	1.33181
*** AERMOD - VERSION 22112 ***	*** Construction HRA, Residential Receptors				*** 06/26/23
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR				*** 07:03:09
					PAGE 239

*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL_PM ***

INCLUDING SOURCE(S): L0000878 , L0000879 , L0000880 , L0000881 , L0000882 ,

L0000883 , L0000884 , L0000885 , L0000886 , L0000887 , L0000888 , L0000889 , L0000890 ,

L0000891 , L0000892 , L0000893 , L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,

L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565552.03	4151667.36	1.33042	565562.03	4151667.36	1.33218
565572.03	4151667.36	1.33697	565592.03	4151667.36	1.35433
565602.03	4151667.36	1.36594	565612.03	4151667.36	1.38140
565622.03	4151667.36	1.40123	565632.03	4151667.36	1.42529
565732.03	4151667.36	2.03477	565742.03	4151667.36	2.15981
565752.03	4151667.36	2.30689	565762.03	4151667.36	2.48138
565802.03	4151667.36	3.62936	565812.03	4151667.36	4.11501
565822.03	4151667.36	4.74331	565832.03	4151667.36	5.57774
565842.03	4151667.36	6.73961	565432.03	4151677.36	1.71549
565442.03	4151677.36	1.69564	565452.03	4151677.36	1.66396
565462.03	4151677.36	1.62759	565472.03	4151677.36	1.59219
565482.03	4151677.36	1.55893	565492.03	4151677.36	1.52768
565522.03	4151677.36	1.45643	565532.03	4151677.36	1.44178
565542.03	4151677.36	1.43263	565552.03	4151677.36	1.42862
565562.03	4151677.36	1.42853	565572.03	4151677.36	1.43139

565602.03	4151677.36	1.46090	565612.03	4151677.36	1.47810
565622.03	4151677.36	1.49943	565632.03	4151677.36	1.52547
565642.03	4151677.36	1.55763	565732.03	4151677.36	2.24076
565742.03	4151677.36	2.39528	565752.03	4151677.36	2.57916
565762.03	4151677.36	2.79933	565772.03	4151677.36	3.06588
565782.03	4151677.36	3.39459	565812.03	4151677.36	4.99610
565822.03	4151677.36	5.90219	565832.03	4151677.36	7.17405
565842.03	4151677.36	9.04499	565432.03	4151687.36	2.01658
565442.03	4151687.36	1.96295	565452.03	4151687.36	1.90071
565462.03	4151687.36	1.83905	565472.03	4151687.36	1.78228
565482.03	4151687.36	1.73155	565502.03	4151687.36	1.64340
565512.03	4151687.36	1.60793	565522.03	4151687.36	1.58070
565532.03	4151687.36	1.55911	565542.03	4151687.36	1.54492
565552.03	4151687.36	1.53749	565562.03	4151687.36	1.53486
565572.03	4151687.36	1.53516	565582.03	4151687.36	1.54029
565612.03	4151687.36	1.58417	565622.03	4151687.36	1.60688
565632.03	4151687.36	1.63542	565642.03	4151687.36	1.67229
565652.03	4151687.36	1.71671	565732.03	4151687.36	2.47987
565742.03	4151687.36	2.67202	565752.03	4151687.36	2.90360
565762.03	4151687.36	3.18438	565772.03	4151687.36	3.52916
565782.03	4151687.36	3.96155	565792.03	4151687.36	4.51113
565822.03	4151687.36	7.55897	565832.03	4151687.36	6.64493
565842.03	4151687.36	7.82851	565412.03	4151697.36	2.54676
565422.03	4151697.36	2.50671	565432.03	4151697.36	2.41316
565442.03	4151697.36	2.30350	565452.03	4151697.36	2.19544
*** AERMOD - VERSION 22112 ***	*** Construction HRA, Residential Receptors		***	06/26/23	
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR		***	07:03:09	
				PAGE 240	
*** MODELOPTs:	NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data				

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL_PM ***

INCLUDING SOURCE(S):										L0000878	,	L0000879	,	L0000880	,	L0000881	,	L0000882	,
L0000883	,	L0000884	,	L0000885	,	L0000886	,	L0000887	,	L0000888	,	L0000889	,	L0000890	,				
L0000891	,	L0000892	,	L0000893	,	L0000894	,	L0000895	,	L0000896	,	L0000897	,	L0000898	,				
L0000899	,	L0000900	,	L0000901	,	L0000902	,	L0000903	,	L0000904	,	L0000905	,	.	.	.	.	.	.

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565462.03	4151697.36	2.09608	565472.03	4151697.36	2.00935
565492.03	4151697.36	1.86829	565502.03	4151697.36	1.81011
565512.03	4151697.36	1.76131	565522.03	4151697.36	1.72310
565532.03	4151697.36	1.69254	565542.03	4151697.36	1.67140
565552.03	4151697.36	1.65871	565562.03	4151697.36	1.65219
565572.03	4151697.36	1.64949	565582.03	4151697.36	1.65273
565592.03	4151697.36	1.66231	565622.03	4151697.36	1.72485
565632.03	4151697.36	1.75676	565642.03	4151697.36	1.79885
565652.03	4151697.36	1.85017	565662.03	4151697.36	1.90997

565732.03	4151697.36	2.76210	565742.03	4151697.36	3.00242
565752.03	4151697.36	3.29684	565762.03	4151697.36	3.65901
565772.03	4151697.36	4.11134	565782.03	4151697.36	4.69014
565792.03	4151697.36	5.44681	565802.03	4151697.36	6.47122
565832.03	4151697.36	5.13115	565402.03	4151707.36	3.42873
565412.03	4151707.36	3.35942	565422.03	4151707.36	3.16623
565432.03	4151707.36	2.95098	565442.03	4151707.36	2.74737
565452.03	4151707.36	2.56774	565462.03	4151707.36	2.41364
565472.03	4151707.36	2.28339	565502.03	4151707.36	2.00414
565512.03	4151707.36	1.93947	565522.03	4151707.36	1.88705
565532.03	4151707.36	1.84518	565542.03	4151707.36	1.81470
565552.03	4151707.36	1.79434	565562.03	4151707.36	1.78189
565572.03	4151707.36	1.77584	565582.03	4151707.36	1.77725
565592.03	4151707.36	1.78576	565602.03	4151707.36	1.80179
565642.03	4151707.36	1.93921	565652.03	4151707.36	1.99732
565662.03	4151707.36	2.06625	565672.03	4151707.36	2.14786
565682.03	4151707.36	2.24461	565722.03	4151707.36	2.85952
565732.03	4151707.36	3.10107	565742.03	4151707.36	3.40417
565752.03	4151707.36	3.78144	565762.03	4151707.36	4.25477
565772.03	4151707.36	4.86124	565782.03	4151707.36	5.65526
565792.03	4151707.36	6.73691	565802.03	4151707.36	8.29082
565392.03	4151717.36	5.26534	565402.03	4151717.36	5.28410
565412.03	4151717.36	4.73499	565422.03	4151717.36	4.16810
565432.03	4151717.36	3.70545	565442.03	4151717.36	3.33972
565452.03	4151717.36	3.04666	565462.03	4151717.36	2.80982
565472.03	4151717.36	2.61836	565502.03	4151717.36	2.22950
565512.03	4151717.36	2.14390	565522.03	4151717.36	2.07392
565532.03	4151717.36	2.01753	565542.03	4151717.36	1.97540
565552.03	4151717.36	1.94544	565562.03	4151717.36	1.92571
565572.03	4151717.36	1.91567	565582.03	4151717.36	1.91460
565592.03	4151717.36	1.92179	565602.03	4151717.36	1.93754

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*** AERMOT - VERSION 22112 *** *** Construction HRA, Residential Receptors *** 06/26/23
*** AERMET - VERSION 18081 *** *** 501 Industrial Road Hotel EIR *** 07:03:09
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*** MODELOPTS:   NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION		VALUES FOR SOURCE GROUP: HAUL_PM ***				
INCLUDING SOURCE(S):		L0000878	L0000879	L0000880	L0000881	L0000882
L0000883	, L0000884 , L0000885 ,	L0000886 ,	L0000887 ,	L0000888 ,	L0000889 ,	L0000890 ,
L0000891	, L0000892 , L0000893 ,	L0000894 ,	L0000895 ,	L0000896 ,	L0000897 ,	L0000898 ,
L0000899	, L0000900 , L0000901 ,	L0000902 ,	L0000903 ,	L0000904 ,	L0000905 ,	.

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565612.03	4151717.36	1.96254	565652.03	4151717.36	2.16157
565662.03	4151717.36	2.24197	565672.03	4151717.36	2.33880
565682.03	4151717.36	2.45498	565722.03	4151717.36	3.21117
565732.03	4151717.36	3.51434	565742.03	4151717.36	3.90338
565752.03	4151717.36	4.39597	565762.03	4151717.36	5.02882
565772.03	4151717.36	5.86055	565782.03	4151717.36	7.00057
565792.03	4151717.36	8.64036	565802.03	4151717.36	7.51135
565812.03	4151717.36	5.78346	565402.03	4151727.36	5.63990
565412.03	4151727.36	7.15469	565422.03	4151727.36	5.74138
565432.03	4151727.36	4.79864	565442.03	4151727.36	4.14446
565452.03	4151727.36	3.66966	565462.03	4151727.36	3.30901
565472.03	4151727.36	3.02932	565482.03	4151727.36	2.80828
565522.03	4151727.36	2.28587	565532.03	4151727.36	2.21225
565542.03	4151727.36	2.15578	565552.03	4151727.36	2.11429
565562.03	4151727.36	2.08566	565572.03	4151727.36	2.06999
565582.03	4151727.36	2.06563	565592.03	4151727.36	2.07100
565602.03	4151727.36	2.08689	565612.03	4151727.36	2.11429
565622.03	4151727.36	2.15446	565662.03	4151727.36	2.44107
565672.03	4151727.36	2.55719	565682.03	4151727.36	2.69784
565692.03	4151727.36	2.87013	565702.03	4151727.36	3.07951
565732.03	4151727.36	4.03077	565742.03	4151727.36	4.53968
565752.03	4151727.36	5.19815	565412.03	4151737.36	7.86924
565422.03	4151737.36	8.20427	565432.03	4151737.36	6.40726
565442.03	4151737.36	5.26161	565452.03	4151737.36	4.48888
565462.03	4151737.36	3.94206	565472.03	4151737.36	3.53703
565482.03	4151737.36	3.22686	565492.03	4151737.36	2.98590
565532.03	4151737.36	2.43258	565542.03	4151737.36	2.35908
565552.03	4151737.36	2.30334	565562.03	4151737.36	2.26373
565572.03	4151737.36	2.24026	565582.03	4151737.36	2.23023
565592.03	4151737.36	2.23364	565602.03	4151737.36	2.25003
565612.03	4151737.36	2.28066	565622.03	4151737.36	2.32688
565632.03	4151737.36	2.38881	565672.03	4151737.36	2.80929
565682.03	4151737.36	2.98281	565692.03	4151737.36	3.19318
565702.03	4151737.36	3.45238	565712.03	4151737.36	3.77569

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565542.03	4151747.36	2.58810	565552.03	4151747.36	2.51535
565562.03	4151747.36	2.46276	565572.03	4151747.36	2.42956
565582.03	4151747.36	2.41322	565592.03	4151747.36	2.41423
565602.03	4151747.36	2.43158	565612.03	4151747.36	2.46588
565622.03	4151747.36	2.51972	565632.03	4151747.36	2.59303
565642.03	4151747.36	2.68068	565692.03	4151747.36	3.58168
565702.03	4151747.36	3.90991	565712.03	4151747.36	4.32918
565362.03	4151757.36	3.23551	565372.03	4151757.36	4.39700
565382.03	4151757.36	6.23575	565392.03	4151757.36	9.28559
565402.03	4151757.36	6.95563	565442.03	4151757.36	9.30338
565452.03	4151757.36	7.20630	565462.03	4151757.36	5.87638
565472.03	4151757.36	4.99209	565482.03	4151757.36	4.37417
565492.03	4151757.36	3.92382	565502.03	4151757.36	3.58472
565512.03	4151757.36	3.32489	565552.03	4151757.36	2.75400
565562.03	4151757.36	2.68646	565572.03	4151757.36	2.64239
565582.03	4151757.36	2.61853	565592.03	4151757.36	2.61653
565602.03	4151757.36	2.63460	565612.03	4151757.36	2.67390
565622.03	4151757.36	2.73665	565632.03	4151757.36	2.82360
565642.03	4151757.36	2.92958	565652.03	4151757.36	3.06410
565702.03	4151757.36	4.48324	565712.03	4151757.36	5.03929
565722.03	4151757.36	5.77698	565732.03	4151757.36	6.77168
565362.03	4151767.36	2.95764	565372.03	4151767.36	3.80302
565382.03	4151767.36	5.02695	565392.03	4151767.36	6.87097
565402.03	4151767.36	9.82625	565412.03	4151767.36	9.88945
565442.03	4151767.36	9.79004	565452.03	4151767.36	9.67414
565462.03	4151767.36	7.49460	565472.03	4151767.36	6.12179
565482.03	4151767.36	5.20627	565492.03	4151767.36	4.56991
565502.03	4151767.36	4.10725	565512.03	4151767.36	3.76036

565522.03	4151767.36	3.49690	565562.03	4151767.36	2.94169
565572.03	4151767.36	2.88571	565582.03	4151767.36	2.85451
565592.03	4151767.36	2.84854	565602.03	4151767.36	2.86649
565612.03	4151767.36	2.90988	565622.03	4151767.36	2.98157
565632.03	4151767.36	3.08243	565642.03	4151767.36	3.21363
565652.03	4151767.36	3.38297	565662.03	4151767.36	3.59834
565712.03	4151767.36	5.97911	565722.03	4151767.36	7.01484
565732.03	4151767.36	8.49970	565352.03	4151777.36	2.22047
565362.03	4151777.36	2.69229	565372.03	4151777.36	3.31522
565382.03	4151777.36	4.16707	565392.03	4151777.36	5.37869
565402.03	4151777.36	7.17392	565412.03	4151777.36	9.98400
565462.03	4151777.36	10.00816	565472.03	4151777.36	7.76860
*** AERMOD - VERSION 22112 ***	*** Construction HRA, Residential Receptors		***		06/26/23
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR		***		07:03:09
					PAGE 243

*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL_PM ***

INCLUDING SOURCE(S): L0000878 , L0000879 , L0000880 , L0000881 , L0000882 ,

L0000883 , L0000884 , L0000885 , L0000886 , L0000887 , L0000888 , L0000889 , L0000890 ,

L0000891 , L0000892 , L0000893 , L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,

L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565482.03	4151777.36	6.35395	565492.03	4151777.36	5.41253
565502.03	4151777.36	4.76060	565512.03	4151777.36	4.29017
565522.03	4151777.36	3.94042	565532.03	4151777.36	3.67823
565582.03	4151777.36	3.12085	565592.03	4151777.36	3.11054
565602.03	4151777.36	3.12877	565612.03	4151777.36	3.17803
565622.03	4151777.36	3.26175	565632.03	4151777.36	3.38175
565642.03	4151777.36	3.54671	565652.03	4151777.36	3.76210
565662.03	4151777.36	4.03632	565672.03	4151777.36	4.38424
565342.03	4151787.36	1.78612	565352.03	4151787.36	2.08392
565362.03	4151787.36	2.46177	565372.03	4151787.36	2.93414
565382.03	4151787.36	3.55258	565392.03	4151787.36	4.39673
565402.03	4151787.36	5.58546	565412.03	4151787.36	7.30961
565422.03	4151787.36	10.03470	565472.03	4151787.36	10.35000
565482.03	4151787.36	8.03776	565492.03	4151787.36	6.57981
565502.03	4151787.36	5.61528	565512.03	4151787.36	4.95369
565522.03	4151787.36	4.48057	565532.03	4151787.36	4.13332
565542.03	4151787.36	3.87997	565582.03	4151787.36	3.42303
565592.03	4151787.36	3.40841	565602.03	4151787.36	3.42860
565612.03	4151787.36	3.48619	565622.03	4151787.36	3.58712
565632.03	4151787.36	3.73331	565642.03	4151787.36	3.94224
565652.03	4151787.36	4.22014	565662.03	4151787.36	4.57568
565672.03	4151787.36	5.03173	565682.03	4151787.36	5.63233

565352.03	4151797.36	1.95722	565362.03	4151797.36	2.26729
565372.03	4151797.36	2.64161	565382.03	4151797.36	3.11337
565392.03	4151797.36	3.73142	565402.03	4151797.36	4.56150
565412.03	4151797.36	5.70599	565422.03	4151797.36	7.39217
565432.03	4151797.36	10.02784	565482.03	4151797.36	10.69647
565492.03	4151797.36	8.30210	565502.03	4151797.36	6.80766
565512.03	4151797.36	5.82922	565522.03	4151797.36	5.16462
565532.03	4151797.36	4.69531	565542.03	4151797.36	4.35728
565552.03	4151797.36	4.11390	565562.03	4151797.36	3.94300
565592.03	4151797.36	3.75021	565602.03	4151797.36	3.77811
565612.03	4151797.36	3.85260	565622.03	4151797.36	3.97819
565632.03	4151797.36	4.16188	565642.03	4151797.36	4.42577
565652.03	4151797.36	4.78007	565662.03	4151797.36	5.24886
565672.03	4151797.36	5.86929	565682.03	4151797.36	6.70820
565692.03	4151797.36	7.87440	565702.03	4151797.36	9.59416
565322.03	4151807.36	1.30480	565332.03	4151807.36	1.45278
565362.03	4151807.36	2.10576	565372.03	4151807.36	2.41046
565382.03	4151807.36	2.78639	565392.03	4151807.36	3.25691
*** AERMOD - VERSION	22112 ***	*** Construction HRA, Residential	Receptors	***	06/26/23
*** AERMET - VERSION	18081 ***	*** 501 Industrial Road Hotel	EIR	***	07:03:09
					PAGE 244

*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL_PM ***

INCLUDING SOURCE(S): L0000878 , L0000879 , L0000880 , L0000881 , L0000882 ,

L0000883 , L0000884 , L0000885 , L0000886 , L0000887 , L0000888 , L0000889 , L0000890 ,

L0000891 , L0000892 , L0000893 , L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,

L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565402.03	4151807.36	3.86035	565412.03	4151807.36	4.65918
565422.03	4151807.36	5.79343	565432.03	4151807.36	7.42976
565442.03	4151807.36	9.97620	565492.03	4151807.36	11.03597
565502.03	4151807.36	8.57356	565512.03	4151807.36	7.05291
565522.03	4151807.36	6.06865	565532.03	4151807.36	5.40587
565542.03	4151807.36	4.94213	565552.03	4151807.36	4.61495
565562.03	4151807.36	4.38976	565572.03	4151807.36	4.24530
565602.03	4151807.36	4.18700	565612.03	4151807.36	4.28438
565622.03	4151807.36	4.44492	565632.03	4151807.36	4.68217
565642.03	4151807.36	5.02316	565652.03	4151807.36	5.48831
565662.03	4151807.36	6.12193	565672.03	4151807.36	6.99207
565682.03	4151807.36	8.22709	565692.03	4151807.36	10.05217
565702.03	4151807.36	6.01742	565322.03	4151817.36	1.27531
565332.03	4151817.36	1.40779	565342.03	4151817.36	1.56409
565372.03	4151817.36	2.22705	565382.03	4151817.36	2.53484
565392.03	4151817.36	2.90702	565402.03	4151817.36	3.36268

565412.03	4151817.36	3.94634	565422.03	4151817.36	4.75110
565432.03	4151817.36	5.85537	565442.03	4151817.36	7.45753
565452.03	4151817.36	9.94432	565502.03	4151817.36	11.38895
565512.03	4151817.36	8.87039	565522.03	4151817.36	7.33787
565532.03	4151817.36	6.34792	565542.03	4151817.36	5.68058
565552.03	4151817.36	5.22852	565562.03	4151817.36	4.92488
565572.03	4151817.36	4.73753	565582.03	4151817.36	4.63827
565612.03	4151817.36	4.80045	565622.03	4151817.36	5.01072
565632.03	4151817.36	5.32469	565642.03	4151817.36	5.77798
565652.03	4151817.36	6.40528	565662.03	4151817.36	7.29220
565672.03	4151817.36	8.58658	565682.03	4151817.36	10.52917
565692.03	4151817.36	6.31783	565322.03	4151827.36	1.24892
565332.03	4151827.36	1.36955	565342.03	4151827.36	1.50818
565352.03	4151827.36	1.66932	565392.03	4151827.36	2.63665
565402.03	4151827.36	3.00135	565412.03	4151827.36	3.45449
565422.03	4151827.36	4.05725	565432.03	4151827.36	4.85379
565442.03	4151827.36	5.95112	565452.03	4151827.36	7.52975
565462.03	4151827.36	9.95224	565512.03	4151827.36	11.78667
565522.03	4151827.36	9.21783	565532.03	4151827.36	7.65894
565542.03	4151827.36	6.66186	565552.03	4151827.36	6.01640
565562.03	4151827.36	5.59746	565572.03	4151827.36	5.33757
565582.03	4151827.36	5.20108	565592.03	4151827.36	5.17129
565622.03	4151827.36	5.70939	565632.03	4151827.36	6.14679
565642.03	4151827.36	6.77347	565652.03	4151827.36	7.66270
*** AERMOD - VERSION 22112 ***	*** Construction HRA, Residential Receptors		***		06/26/23
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR		***		07:03:09
					PAGE 245
*** MODELOPTs:	NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data				

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL_PM ***

INCLUDING SOURCE(S): L0000878 , L0000879 , L0000880 , L0000881 , L0000882 ,

L0000883 , L0000884 , L0000885 , L0000886 , L0000887 , L0000888 , L0000889 , L0000890 ,

L0000891 , L0000892 , L0000893 , L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,

L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565662.03	4151827.36	8.97350	565672.03	4151827.36	11.01180
565322.03	4151837.36	1.22496	565332.03	4151837.36	1.33568
565342.03	4151837.36	1.46042	565352.03	4151837.36	1.60143
565362.03	4151837.36	1.76296	565402.03	4151837.36	2.73272
565412.03	4151837.36	3.09875	565422.03	4151837.36	3.57015
565432.03	4151837.36	4.17136	565442.03	4151837.36	4.96617
565452.03	4151837.36	6.05305	565462.03	4151837.36	7.60516
565472.03	4151837.36	9.96762	565522.03	4151837.36	12.23374
565532.03	4151837.36	9.60611	565542.03	4151837.36	8.04025
565552.03	4151837.36	7.06560	565562.03	4151837.36	6.45486

565572.03	4151837.36	6.08183	565582.03	4151837.36	5.88731
565592.03	4151837.36	5.84604	565602.03	4151837.36	5.94334
565642.03	4151837.36	8.11588	565652.03	4151837.36	9.46352
565662.03	4151837.36	8.40728	565322.03	4151847.36	1.20365
565332.03	4151847.36	1.30640	565342.03	4151847.36	1.42000
565352.03	4151847.36	1.54530	565362.03	4151847.36	1.68745
565372.03	4151847.36	1.85575	565412.03	4151847.36	2.83602
565422.03	4151847.36	3.21915	565432.03	4151847.36	3.69408
565442.03	4151847.36	4.29803	565452.03	4151847.36	5.09104
565462.03	4151847.36	6.16446	565472.03	4151847.36	7.68974
565482.03	4151847.36	9.99904	565532.03	4151847.36	12.73075
565542.03	4151847.36	10.09230	565552.03	4151847.36	8.54483
565562.03	4151847.36	7.59950	565572.03	4151847.36	7.03243
565582.03	4151847.36	6.74482	565592.03	4151847.36	6.68346
565602.03	4151847.36	6.81854	565612.03	4151847.36	7.15997
565652.03	4151847.36	9.20331	565322.03	4151857.36	1.18412
565332.03	4151857.36	1.27927	565342.03	4151857.36	1.38422
565352.03	4151857.36	1.50040	565362.03	4151857.36	1.63100
565372.03	4151857.36	1.78090	565382.03	4151857.36	1.95246
565422.03	4151857.36	2.95789	565432.03	4151857.36	3.34525
565442.03	4151857.36	3.82406	565452.03	4151857.36	4.43223
565462.03	4151857.36	5.22477	565472.03	4151857.36	6.29123
565482.03	4151857.36	7.79957	565492.03	4151857.36	10.07287
565502.03	4151857.36	10.66037	565542.03	4151857.36	13.41265
565552.03	4151857.36	10.72915	565562.03	4151857.36	9.18509
565592.03	4151857.36	7.76143	565602.03	4151857.36	7.95179
565612.03	4151857.36	8.44313	565622.03	4151857.36	9.31323
565322.03	4151867.36	1.16785	565332.03	4151867.36	1.25720
565342.03	4151867.36	1.35572	565352.03	4151867.36	1.46498
565362.03	4151867.36	1.58711	565372.03	4151867.36	1.72315

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*** MODELOPTs:      NonDEFAULT  CONC  FLAT and  ELEV  FLGPOL  URBAN  SigA Data
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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565382.03	4151867.36	1.87673	565392.03	4151867.36	2.05265
565432.03	4151867.36	3.09471	565442.03	4151867.36	3.49184
565452.03	4151867.36	3.98112	565462.03	4151867.36	4.59602
565472.03	4151867.36	5.39351	565482.03	4151867.36	6.46096
565492.03	4151867.36	7.96638	565502.03	4151867.36	10.21079
565512.03	4151867.36	11.03276	565552.03	4151867.36	14.24826
565602.03	4151867.36	9.45771	565612.03	4151867.36	10.20286
565622.03	4151867.36	11.59705	565332.03	4151877.36	1.23988
565342.03	4151877.36	1.33365	565352.03	4151877.36	1.43803
565362.03	4151877.36	1.55441	565372.03	4151877.36	1.67974
565382.03	4151877.36	1.81993	565392.03	4151877.36	1.98178
565402.03	4151877.36	2.16944	565442.03	4151877.36	3.25995
565452.03	4151877.36	3.67151	565462.03	4151877.36	4.17484
565472.03	4151877.36	4.80470	565482.03	4151877.36	5.61500
565492.03	4151877.36	6.69872	565502.03	4151877.36	8.20988
565512.03	4151877.36	10.44012	565522.03	4151877.36	14.07235
565612.03	4151877.36	12.80762	565622.03	4151877.36	8.42201
565342.03	4151887.36	1.31794	565352.03	4151887.36	1.41706
565362.03	4151887.36	1.52707	565372.03	4151887.36	1.64703
565382.03	4151887.36	1.78119	565392.03	4151887.36	1.93355
565402.03	4151887.36	2.10819	565412.03	4151887.36	2.30687
565452.03	4151887.36	3.46615	565462.03	4151887.36	3.89922
565472.03	4151887.36	4.42328	565482.03	4151887.36	5.07362
565492.03	4151887.36	5.91435	565502.03	4151887.36	7.02938
565512.03	4151887.36	8.56639	565312.03	4151897.36	1.06344
565352.03	4151897.36	1.40349	565362.03	4151897.36	1.50905
565372.03	4151897.36	1.62613	565382.03	4151897.36	1.75691
565392.03	4151897.36	1.90375	565402.03	4151897.36	2.06960
565412.03	4151897.36	2.25805	565422.03	4151897.36	2.47289
565452.03	4151897.36	3.33984	565462.03	4151897.36	3.73145
565472.03	4151897.36	4.19092	565482.03	4151897.36	4.74663
565492.03	4151897.36	5.44449	565502.03	4151897.36	6.33973
565312.03	4151907.36	1.06048	565322.03	4151907.36	1.13476
565362.03	4151907.36	1.49978	565372.03	4151907.36	1.61601

565382.03	4151907.36	1.74583	565392.03	4151907.36	1.89000	
565402.03	4151907.36	2.05156	565412.03	4151907.36	2.23448	
565422.03	4151907.36	2.44393	565432.03	4151907.36	2.68359	
565472.03	4151907.36	4.07488	565482.03	4151907.36	4.57935	
565492.03	4151907.36	5.20282	565502.03	4151907.36	5.97957	
565312.03	4151917.36	1.06248	565322.03	4151917.36	1.13555	
*** AERMOD - VERSION 22112 ***			*** Construction HRA, Residential Receptors			*** 06/26/23
*** AERMET - VERSION 18081 ***			*** 501 Industrial Road Hotel EIR			*** 07:03:09
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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL_PM ***

INCLUDING SOURCE(S): L0000878 , L0000879 , L0000880 , L0000881 , L0000882 ,

L0000883 , L0000884 , L0000885 , L0000886 , L0000887 , L0000888 , L0000889 , L0000890 ,

L0000891 , L0000892 , L0000893 , L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,

L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565332.03	4151917.36	1.21569	565372.03	4151917.36	1.61601
565382.03	4151917.36	1.74581	565392.03	4151917.36	1.89039
565402.03	4151917.36	2.05274	565412.03	4151917.36	2.23597
565422.03	4151917.36	2.44566	565432.03	4151917.36	2.68463
565442.03	4151917.36	2.95965	565452.03	4151917.36	3.27642
565482.03	4151917.36	4.54925	565492.03	4151917.36	5.14312
565502.03	4151917.36	5.86878	565512.03	4151917.36	6.77218
565312.03	4151927.36	1.06730	565322.03	4151927.36	1.14001
565332.03	4151927.36	1.21946	565342.03	4151927.36	1.30654
565352.03	4151927.36	1.40223	565372.03	4151927.36	1.62626
565382.03	4151927.36	1.75834	565392.03	4151927.36	1.90610
565402.03	4151927.36	2.07263	565412.03	4151927.36	2.26140
565422.03	4151927.36	2.47655	565432.03	4151927.36	2.72217
565442.03	4151927.36	3.00466	565452.03	4151927.36	3.32967
565462.03	4151927.36	3.70444	565482.03	4151927.36	4.64247
565492.03	4151927.36	5.24567	565502.03	4151927.36	5.97790
565512.03	4151927.36	6.88775	565522.03	4151927.36	8.05329
565312.03	4151937.36	1.07492	565322.03	4151937.36	1.14787
565332.03	4151937.36	1.22760	565342.03	4151937.36	1.31627
565352.03	4151937.36	1.41511	565362.03	4151937.36	1.52501
565392.03	4151937.36	1.93770	565402.03	4151937.36	2.11212
565412.03	4151937.36	2.31092	565422.03	4151937.36	2.53800
565432.03	4151937.36	2.79769	565442.03	4151937.36	3.09758
565452.03	4151937.36	3.44315	565462.03	4151937.36	3.84387
565482.03	4151937.36	4.86326	565492.03	4151937.36	5.51781
565502.03	4151937.36	6.31543	565512.03	4151937.36	7.32019
565522.03	4151937.36	8.63270	565312.03	4151947.36	1.08385
565322.03	4151947.36	1.15914	565332.03	4151947.36	1.24196

565342.03	4151947.36	1.33362	565352.03	4151947.36	1.43577
565362.03	4151947.36	1.54948	565372.03	4151947.36	1.67710
565402.03	4151947.36	2.17274	565412.03	4151947.36	2.38792
565422.03	4151947.36	2.63339	565432.03	4151947.36	2.91668
565442.03	4151947.36	3.24485	565452.03	4151947.36	3.62520
565482.03	4151947.36	5.23103	565492.03	4151947.36	5.99019
565502.03	4151947.36	6.93475	565512.03	4151947.36	8.15324
565312.03	4151957.36	1.09548	565322.03	4151957.36	1.17424
565332.03	4151957.36	1.26112	565342.03	4151957.36	1.35698
565352.03	4151957.36	1.46343	565362.03	4151957.36	1.58279
565372.03	4151957.36	1.71854	565382.03	4151957.36	1.87274
565412.03	4151957.36	2.49452	565422.03	4151957.36	2.76760
*** AERMOD - VERSION 22112 ***	*** Construction HRA, Residential Receptors		***		06/26/23
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR		***		07:03:09
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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL_PM ***

INCLUDING SOURCE(S): L0000878 , L0000879 , L0000880 , L0000881 , L0000882 ,

L0000883 , L0000884 , L0000885 , L0000886 , L0000887 , L0000888 , L0000889 , L0000890 ,

L0000891 , L0000892 , L0000893 , L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,

L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565432.03	4151957.36	3.08543	565462.03	4151957.36	4.40402
565472.03	4151957.36	5.02798	565482.03	4151957.36	5.78622
565492.03	4151957.36	6.72265	565502.03	4151957.36	7.93127
565312.03	4151967.36	1.10999	565322.03	4151967.36	1.19292
565332.03	4151967.36	1.28509	565342.03	4151967.36	1.38661
565352.03	4151967.36	1.49892	565362.03	4151967.36	1.62572
565372.03	4151967.36	1.77245	565382.03	4151967.36	1.94024
565452.03	4151967.36	4.25772	565462.03	4151967.36	4.87693
565472.03	4151967.36	5.64453	565482.03	4151967.36	6.60168
565492.03	4151967.36	7.83868	565322.03	4151977.36	1.21580
565332.03	4151977.36	1.31410	565342.03	4151977.36	1.42270
565352.03	4151977.36	1.54383	565362.03	4151977.36	1.68152
565372.03	4151977.36	1.84203	565382.03	4151977.36	2.02761
565432.03	4151977.36	3.62055	565442.03	4151977.36	4.14325
565452.03	4151977.36	4.77471	565462.03	4151977.36	5.55223
565472.03	4151977.36	6.53355	565482.03	4151977.36	7.81627
565332.03	4151987.36	1.34837	565342.03	4151987.36	1.46594
565352.03	4151987.36	1.59814	565362.03	4151987.36	1.75018
565402.03	4151987.36	2.68808	565412.03	4151987.36	3.05058
565422.03	4151987.36	3.49233	565432.03	4151987.36	4.02934
565442.03	4151987.36	4.68374	565452.03	4151987.36	5.49208
565462.03	4151987.36	6.51286	565472.03	4151987.36	7.85332

565372.03	4151997.36	2.03234	565382.03	4151997.36	2.27063
565392.03	4151997.36	2.56067	565402.03	4151997.36	2.91550
565412.03	4151997.36	3.35163	565422.03	4151997.36	3.89803
565432.03	4151997.36	4.57794	565442.03	4151997.36	5.42378
565452.03	4151997.36	6.50386	565462.03	4151997.36	7.93969
565342.03	4152007.36	1.57458	565352.03	4152007.36	1.73916
565362.03	4152007.36	1.93283	565372.03	4152007.36	2.16337
565382.03	4152007.36	2.44280	565392.03	4152007.36	2.78568
565402.03	4152007.36	3.21314	565412.03	4152007.36	3.75028
565422.03	4152007.36	4.43975	565432.03	4152007.36	5.31861
565442.03	4152007.36	6.45928	565332.03	4152017.36	1.48118
565342.03	4152017.36	1.64062	565352.03	4152017.36	1.82902
565362.03	4152017.36	2.05392	565372.03	4152017.36	2.32418
565382.03	4152017.36	2.65718	565392.03	4152017.36	3.07216
565402.03	4152017.36	3.59691	565412.03	4152017.36	4.27372
565332.03	4152027.36	1.53650	565342.03	4152027.36	1.71639
565352.03	4152027.36	1.93374	565362.03	4152027.36	2.19748
565372.03	4152027.36	2.51757	565382.03	4152027.36	2.92054
*** AERMOD - VERSION 22112 ***	*** Construction HRA, Residential Receptors				*** 06/26/23
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR				*** 07:03:09
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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL_PM ***

INCLUDING SOURCE(S): L0000878 , L0000879 , L0000880 , L0000881 , L0000882 ,

L0000883 , L0000884 , L0000885 , L0000886 , L0000887 , L0000888 , L0000889 , L0000890 ,

L0000891 , L0000892 , L0000893 , L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,

L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565332.03	4152037.36	1.59944	565342.03	4152037.36	1.80226
565352.03	4152037.36	2.05135			

*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565602.03	4151557.36	0.36256	565622.03	4151557.36	0.39083
565632.03	4151557.36	0.40688	565642.03	4151557.36	0.42496
565682.03	4151557.36	0.52245	565692.03	4151557.36	0.55444
565702.03	4151557.36	0.58956	565712.03	4151557.36	0.62761
565722.03	4151557.36	0.66784	565732.03	4151557.36	0.70895
565742.03	4151557.36	0.74958	565752.03	4151557.36	0.78802
565762.03	4151557.36	0.82264	565572.03	4151567.36	0.35003
565582.03	4151567.36	0.35940	565592.03	4151567.36	0.37095
565622.03	4151567.36	0.41447	565632.03	4151567.36	0.43168
565642.03	4151567.36	0.45149	565652.03	4151567.36	0.47381
565692.03	4151567.36	0.59411	565702.03	4151567.36	0.63254
565712.03	4151567.36	0.67402	565722.03	4151567.36	0.71763
565732.03	4151567.36	0.76195	565742.03	4151567.36	0.80507
565752.03	4151567.36	0.84529	565762.03	4151567.36	0.88103
565772.03	4151567.36	0.91053	565572.03	4151577.36	0.37213
565582.03	4151577.36	0.38213	565632.03	4151577.36	0.45918
565642.03	4151577.36	0.48073	565652.03	4151577.36	0.50522
565662.03	4151577.36	0.53283	565702.03	4151577.36	0.67990
565712.03	4151577.36	0.72525	565722.03	4151577.36	0.77248
565732.03	4151577.36	0.82009	565742.03	4151577.36	0.86603
565752.03	4151577.36	0.90821	565762.03	4151577.36	0.94489
565772.03	4151577.36	0.97409	565782.03	4151577.36	0.99401
565812.03	4151577.36	0.98885	565822.03	4151577.36	0.96875
565832.03	4151577.36	0.94119	565532.03	4151587.36	0.36585
565542.03	4151587.36	0.37193	565552.03	4151587.36	0.37896
565562.03	4151587.36	0.38707	565572.03	4151587.36	0.39639
565642.03	4151587.36	0.51301	565652.03	4151587.36	0.53971
565662.03	4151587.36	0.56996	565672.03	4151587.36	0.60414
565712.03	4151587.36	0.78196	565722.03	4151587.36	0.83314
565732.03	4151587.36	0.88415	565742.03	4151587.36	0.93319
565752.03	4151587.36	0.97744	565762.03	4151587.36	1.01471
565772.03	4151587.36	1.04304	565782.03	4151587.36	1.06061
565792.03	4151587.36	1.06614	565822.03	4151587.36	1.01949
565832.03	4151587.36	0.98711	565842.03	4151587.36	0.94875
565522.03	4151597.36	0.38463	565532.03	4151597.36	0.39014
565542.03	4151597.36	0.39665	565552.03	4151597.36	0.40432
565562.03	4151597.36	0.41304	565652.03	4151597.36	0.57781

565662.03	4151597.36	0.61098	565672.03	4151597.36	0.64866	
565682.03	4151597.36	0.69119	565722.03	4151597.36	0.90037	
565732.03	4151597.36	0.95509	565742.03	4151597.36	1.00732	
*** AERMOD - VERSION 22112 ***	*** Construction HRA, Residential Receptors				***	06/26/23
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR				***	07:03:09
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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITEPM ***
 INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565752.03	4151597.36	1.05355	565762.03	4151597.36	1.09107
565772.03	4151597.36	1.11787	565782.03	4151597.36	1.13261
565792.03	4151597.36	1.13460	565802.03	4151597.36	1.12452
565832.03	4151597.36	1.03540	565842.03	4151597.36	0.99178
565852.03	4151597.36	0.94517	565892.03	4151597.36	0.76270
565532.03	4151607.36	0.41717	565542.03	4151607.36	0.42430
565552.03	4151607.36	0.43245	565562.03	4151607.36	0.44176
565642.03	4151607.36	0.58773	565652.03	4151607.36	0.61975
565662.03	4151607.36	0.65626	565672.03	4151607.36	0.69799
565682.03	4151607.36	0.74492	565692.03	4151607.36	0.79754
565702.03	4151607.36	0.85489	565732.03	4151607.36	1.03393
565742.03	4151607.36	1.08921	565752.03	4151607.36	1.13702
565762.03	4151607.36	1.17445	565772.03	4151607.36	1.19927
565782.03	4151607.36	1.21039	565792.03	4151607.36	1.20801
565802.03	4151607.36	1.19258	565812.03	4151607.36	1.16567
565842.03	4151607.36	1.03694	565852.03	4151607.36	0.98556
565862.03	4151607.36	0.93409	565502.03	4151617.36	0.42413
565512.03	4151617.36	0.43197	565552.03	4151617.36	0.46376
565572.03	4151617.36	0.48493	565582.03	4151617.36	0.49821
565672.03	4151617.36	0.75265	565682.03	4151617.36	0.80475
565692.03	4151617.36	0.86307	565702.03	4151617.36	0.92653
565712.03	4151617.36	0.99258	565742.03	4151617.36	1.17996
565752.03	4151617.36	1.22893	565762.03	4151617.36	1.26561
565772.03	4151617.36	1.28778	565782.03	4151617.36	1.29470
565792.03	4151617.36	1.28665	565802.03	4151617.36	1.26485
565812.03	4151617.36	1.23112	565822.03	4151617.36	1.18814
565852.03	4151617.36	1.02808	565862.03	4151617.36	0.97265
565872.03	4151617.36	0.91939	565482.03	4151627.36	0.43516
565492.03	4151627.36	0.44408	565502.03	4151627.36	0.45305
565512.03	4151627.36	0.46184	565522.03	4151627.36	0.47097
565572.03	4151627.36	0.52092	565582.03	4151627.36	0.53503
565592.03	4151627.36	0.55096	565682.03	4151627.36	0.87160
565692.03	4151627.36	0.93663	565702.03	4151627.36	1.00686
565712.03	4151627.36	1.07970	565722.03	4151627.36	1.15151

565752.03	4151627.36	1.33043	565762.03	4151627.36	1.36563
565772.03	4151627.36	1.38423	565782.03	4151627.36	1.38582
565792.03	4151627.36	1.37118	565802.03	4151627.36	1.34208
565812.03	4151627.36	1.30082	565822.03	4151627.36	1.25043
565832.03	4151627.36	1.19396	565862.03	4151627.36	1.01394
565872.03	4151627.36	0.95752	565882.03	4151627.36	0.90496

*** AERMOD - VERSION 22112 ***
 *** AERMET - VERSION 18081 ***

*** Construction HRA, Residential Receptors
 *** 501 Industrial Road Hotel EIR

*** 06/26/23
 *** 07:03:09
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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITEPM ***
 INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565482.03	4151637.36	0.46491	565492.03	4151637.36	0.47498
565502.03	4151637.36	0.48500	565512.03	4151637.36	0.49498
565522.03	4151637.36	0.50538	565572.03	4151637.36	0.56089
565582.03	4151637.36	0.57621	565592.03	4151637.36	0.59326
565602.03	4151637.36	0.61299	565702.03	4151637.36	1.09700
565712.03	4151637.36	1.17728	565722.03	4151637.36	1.25580
565732.03	4151637.36	1.32935	565772.03	4151637.36	1.48957
565782.03	4151637.36	1.48478	565792.03	4151637.36	1.46227
565802.03	4151637.36	1.42472	565812.03	4151637.36	1.37508
565822.03	4151637.36	1.31677	565832.03	4151637.36	1.25325
565842.03	4151637.36	1.18736	565882.03	4151637.36	0.94412
565892.03	4151637.36	0.89466	565472.03	4151647.36	0.48665
565482.03	4151647.36	0.49786	565492.03	4151647.36	0.50915
565502.03	4151647.36	0.52047	565512.03	4151647.36	0.53179
565552.03	4151647.36	0.57784	565572.03	4151647.36	0.60543
565582.03	4151647.36	0.62230	565592.03	4151647.36	0.64071
565602.03	4151647.36	0.66179	565612.03	4151647.36	0.68678
565712.03	4151647.36	1.28664	565722.03	4151647.36	1.37276
565732.03	4151647.36	1.45184	565742.03	4151647.36	1.51771
565782.03	4151647.36	1.59238	565792.03	4151647.36	1.56071
565802.03	4151647.36	1.51330	565812.03	4151647.36	1.45441
565822.03	4151647.36	1.38780	565832.03	4151647.36	1.31673
565842.03	4151647.36	1.24432	565852.03	4151647.36	1.17358
565862.03	4151647.36	1.10644	565892.03	4151647.36	0.93587
565452.03	4151657.36	0.49708	565462.03	4151657.36	0.50956
565472.03	4151657.36	0.52183	565482.03	4151657.36	0.53428
565492.03	4151657.36	0.54694	565502.03	4151657.36	0.55976
565512.03	4151657.36	0.57258	565542.03	4151657.36	0.61042
565552.03	4151657.36	0.62408	565592.03	4151657.36	0.69406
565602.03	4151657.36	0.71666	565612.03	4151657.36	0.74370
565622.03	4151657.36	0.77666	565722.03	4151657.36	1.50485

565732.03	4151657.36	1.58959	565742.03	4151657.36	1.65728	
565752.03	4151657.36	1.70489	565792.03	4151657.36	1.66685	
565802.03	4151657.36	1.60863	565812.03	4151657.36	1.53960	
565822.03	4151657.36	1.46396	565832.03	4151657.36	1.38496	
565842.03	4151657.36	1.30595	565452.03	4151667.36	0.53308	
565462.03	4151667.36	0.54699	565472.03	4151667.36	0.56108	
565482.03	4151667.36	0.57534	565492.03	4151667.36	0.58944	
565502.03	4151667.36	0.60324	565522.03	4151667.36	0.63085	
565532.03	4151667.36	0.64464	565542.03	4151667.36	0.65956	
*** AERMOD - VERSION 22112 ***	*** Construction HRA, Residential Receptors					*** 06/26/23
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR					*** 07:03:09

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*** MODELOPTs: NonDFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITEPM ***
INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565552.03	4151667.36	0.67562	565562.03	4151667.36	0.69268
565572.03	4151667.36	0.71110	565592.03	4151667.36	0.75372
565602.03	4151667.36	0.77854	565612.03	4151667.36	0.80832
565622.03	4151667.36	0.84437	565632.03	4151667.36	0.88743
565732.03	4151667.36	1.74411	565742.03	4151667.36	1.81303
565752.03	4151667.36	1.85814	565762.03	4151667.36	1.87676
565802.03	4151667.36	1.71141	565812.03	4151667.36	1.63149
565822.03	4151667.36	1.54609	565832.03	4151667.36	1.45893
565842.03	4151667.36	1.37298	565432.03	4151677.36	0.54101
565442.03	4151677.36	0.55675	565452.03	4151677.36	0.57248
565462.03	4151677.36	0.58813	565472.03	4151677.36	0.60487
565482.03	4151677.36	0.62174	565492.03	4151677.36	0.63725
565522.03	4151677.36	0.68116	565532.03	4151677.36	0.69678
565542.03	4151677.36	0.71418	565552.03	4151677.36	0.73309
565562.03	4151677.36	0.75286	565572.03	4151677.36	0.77321
565602.03	4151677.36	0.84865	565612.03	4151677.36	0.88195
565622.03	4151677.36	0.92141	565632.03	4151677.36	0.96862
565642.03	4151677.36	1.02585	565732.03	4151677.36	1.91733
565742.03	4151677.36	1.98707	565752.03	4151677.36	2.02827
565762.03	4151677.36	2.03865	565772.03	4151677.36	2.01917
565782.03	4151677.36	1.97367	565812.03	4151677.36	1.73115
565822.03	4151677.36	1.63537	565832.03	4151677.36	1.53955
565842.03	4151677.36	1.44619	565432.03	4151687.36	0.57851
565442.03	4151687.36	0.59711	565452.03	4151687.36	0.61511
565462.03	4151687.36	0.63318	565472.03	4151687.36	0.65318
565482.03	4151687.36	0.67341	565502.03	4151687.36	0.70529
565512.03	4151687.36	0.72013	565522.03	4151687.36	0.73759
565532.03	4151687.36	0.75522	565542.03	4151687.36	0.77553

565552.03	4151687.36	0.79794	565562.03	4151687.36	0.82098
565572.03	4151687.36	0.84355	565582.03	4151687.36	0.86840
565612.03	4151687.36	0.96623	565622.03	4151687.36	1.00930
565632.03	4151687.36	1.06140	565642.03	4151687.36	1.12620
565652.03	4151687.36	1.20391	565732.03	4151687.36	2.11372
565742.03	4151687.36	2.18298	565752.03	4151687.36	2.21842
565762.03	4151687.36	2.21831	565772.03	4151687.36	2.18482
565782.03	4151687.36	2.12394	565792.03	4151687.36	2.04126
565822.03	4151687.36	1.73296	565832.03	4151687.36	1.62783
565842.03	4151687.36	1.52700	565412.03	4151697.36	0.57312
565422.03	4151697.36	0.59531	565432.03	4151697.36	0.61766
565442.03	4151697.36	0.63964	565452.03	4151697.36	0.66102
*** AERMOD - VERSION 22112 ***	*** Construction HRA, Residential Receptors		***		06/26/23
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR		***		07:03:09
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*** MODELOPTS: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITEPM ***
 INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565462.03	4151697.36	0.68232	565472.03	4151697.36	0.70602
565492.03	4151697.36	0.74990	565502.03	4151697.36	0.76649
565512.03	4151697.36	0.78331	565522.03	4151697.36	0.80301
565532.03	4151697.36	0.82285	565542.03	4151697.36	0.84599
565552.03	4151697.36	0.87171	565562.03	4151697.36	0.89809
565572.03	4151697.36	0.92357	565582.03	4151697.36	0.95143
565592.03	4151697.36	0.98311	565622.03	4151697.36	1.11020
565632.03	4151697.36	1.16842	565642.03	4151697.36	1.24177
565652.03	4151697.36	1.33050	565662.03	4151697.36	1.43405
565732.03	4151697.36	2.33798	565742.03	4151697.36	2.40441
565752.03	4151697.36	2.43133	565762.03	4151697.36	2.41760
565772.03	4151697.36	2.36742	565782.03	4151697.36	2.28870
565792.03	4151697.36	2.18947	565802.03	4151697.36	2.07729
565832.03	4151697.36	1.72548	565402.03	4151707.36	0.58028
565412.03	4151707.36	0.60526	565422.03	4151707.36	0.63134
565432.03	4151707.36	0.65774	565442.03	4151707.36	0.68386
565452.03	4151707.36	0.70962	565462.03	4151707.36	0.73533
565472.03	4151707.36	0.76296	565502.03	4151707.36	0.83671
565512.03	4151707.36	0.85808	565522.03	4151707.36	0.88034
565532.03	4151707.36	0.90276	565542.03	4151707.36	0.92843
565552.03	4151707.36	0.95664	565562.03	4151707.36	0.98586
565572.03	4151707.36	1.01527	565582.03	4151707.36	1.04737
565592.03	4151707.36	1.08299	565602.03	4151707.36	1.12381
565642.03	4151707.36	1.37604	565652.03	4151707.36	1.47624
565662.03	4151707.36	1.59422	565672.03	4151707.36	1.72990

565682.03	4151707.36	1.88144	565722.03	4151707.36	2.49691
565732.03	4151707.36	2.59575	565742.03	4151707.36	2.65564
565752.03	4151707.36	2.66943	565762.03	4151707.36	2.63803
565772.03	4151707.36	2.56844	565782.03	4151707.36	2.46966
565792.03	4151707.36	2.35126	565802.03	4151707.36	2.22218
565392.03	4151717.36	0.57970	565402.03	4151717.36	0.60793
565412.03	4151717.36	0.63669	565422.03	4151717.36	0.66719
565432.03	4151717.36	0.69813	565442.03	4151717.36	0.72919
565452.03	4151717.36	0.76026	565462.03	4151717.36	0.79140
565472.03	4151717.36	0.82408	565502.03	4151717.36	0.91503
565512.03	4151717.36	0.94241	565522.03	4151717.36	0.96824
565532.03	4151717.36	0.99388	565542.03	4151717.36	1.02273
565552.03	4151717.36	1.05396	565562.03	4151717.36	1.08639
565572.03	4151717.36	1.12099	565582.03	4151717.36	1.15815
565592.03	4151717.36	1.19857	565602.03	4151717.36	1.24407
*** AERMOD - VERSION 22112 ***	*** Construction HRA, Residential Receptors				*** 06/26/23
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR				*** 07:03:09
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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITEPM ***
 INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565612.03	4151717.36	1.29748	565652.03	4151717.36	1.64651
565662.03	4151717.36	1.78188	565672.03	4151717.36	1.93876
565682.03	4151717.36	2.11387	565722.03	4151717.36	2.79715
565732.03	4151717.36	2.89226	565742.03	4151717.36	2.94184
565752.03	4151717.36	2.93809	565762.03	4151717.36	2.88499
565772.03	4151717.36	2.79183	565782.03	4151717.36	2.67040
565792.03	4151717.36	2.53087	565802.03	4151717.36	2.38292
565812.03	4151717.36	2.23400	565402.03	4151727.36	0.63387
565412.03	4151727.36	0.66698	565422.03	4151727.36	0.70218
565432.03	4151727.36	0.73824	565442.03	4151727.36	0.77491
565452.03	4151727.36	0.81187	565462.03	4151727.36	0.84918
565472.03	4151727.36	0.88789	565482.03	4151727.36	0.92671
565522.03	4151727.36	1.06666	565532.03	4151727.36	1.09764
565542.03	4151727.36	1.13101	565552.03	4151727.36	1.16610
565562.03	4151727.36	1.20258	565572.03	4151727.36	1.24269
565582.03	4151727.36	1.28593	565592.03	4151727.36	1.33208
565602.03	4151727.36	1.38384	565612.03	4151727.36	1.44486
565622.03	4151727.36	1.51943	565662.03	4151727.36	2.00368
565672.03	4151727.36	2.18644	565682.03	4151727.36	2.38985
565692.03	4151727.36	2.60637	565702.03	4151727.36	2.81897
565732.03	4151727.36	3.23624	565742.03	4151727.36	3.27052
565752.03	4151727.36	3.24366	565412.03	4151737.36	0.69589

565422.03	4151737.36	0.73606	565432.03	4151737.36	0.77750
565442.03	4151737.36	0.82002	565452.03	4151737.36	0.86324
565462.03	4151737.36	0.90718	565472.03	4151737.36	0.95271
565482.03	4151737.36	0.99861	565492.03	4151737.36	1.04405
565532.03	4151737.36	1.21547	565542.03	4151737.36	1.25567
565552.03	4151737.36	1.29583	565562.03	4151737.36	1.33726
565572.03	4151737.36	1.38295	565582.03	4151737.36	1.43160
565592.03	4151737.36	1.48512	565602.03	4151737.36	1.54545
565612.03	4151737.36	1.61646	565622.03	4151737.36	1.70301
565632.03	4151737.36	1.80907	565672.03	4151737.36	2.48265
565682.03	4151737.36	2.72156	565692.03	4151737.36	2.96872
565702.03	4151737.36	3.20692	565712.03	4151737.36	3.41335
565372.03	4151747.36	0.56305	565382.03	4151747.36	0.59881
565422.03	4151747.36	0.76758	565432.03	4151747.36	0.81477
565442.03	4151747.36	0.86358	565452.03	4151747.36	0.91369
565462.03	4151747.36	0.96511	565472.03	4151747.36	1.01835
565482.03	4151747.36	1.07257	565492.03	4151747.36	1.12785
565502.03	4151747.36	1.18347	565512.03	4151747.36	1.23926
*** AERMOD - VERSION 22112 ***		*** Construction HRA, Residential Receptors			***
*** AERMET - VERSION 18081 ***		*** 501 Industrial Road Hotel EIR			***

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07:03:09
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*** MODELOPTs: NonDFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITEPM ***
INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565542.03	4151747.36	1.39790	565552.03	4151747.36	1.44508
565562.03	4151747.36	1.49368	565572.03	4151747.36	1.54667
565582.03	4151747.36	1.60266	565592.03	4151747.36	1.66578
565602.03	4151747.36	1.73710	565612.03	4151747.36	1.82037
565622.03	4151747.36	1.92225	565632.03	4151747.36	2.04707
565642.03	4151747.36	2.19205	565692.03	4151747.36	3.40680
565702.03	4151747.36	3.67460	565712.03	4151747.36	3.90085
565362.03	4151757.36	0.53800	565372.03	4151757.36	0.57289
565382.03	4151757.36	0.61059	565392.03	4151757.36	0.65180
565402.03	4151757.36	0.69706	565442.03	4151757.36	0.90485
565452.03	4151757.36	0.96246	565462.03	4151757.36	1.02209
565472.03	4151757.36	1.08438	565482.03	4151757.36	1.14848
565492.03	4151757.36	1.21500	565502.03	4151757.36	1.28343
565512.03	4151757.36	1.35315	565552.03	4151757.36	1.61646
565562.03	4151757.36	1.67622	565572.03	4151757.36	1.74025
565582.03	4151757.36	1.80678	565592.03	4151757.36	1.88234
565602.03	4151757.36	1.96699	565612.03	4151757.36	2.06603
565622.03	4151757.36	2.18664	565632.03	4151757.36	2.33445
565642.03	4151757.36	2.50625	565652.03	4151757.36	2.71720

565702.03	4151757.36	4.24457	565712.03	4151757.36	4.49143
565722.03	4151757.36	4.65049	565732.03	4151757.36	4.70009
565362.03	4151767.36	0.54634	565372.03	4151767.36	0.58232
565382.03	4151767.36	0.62147	565392.03	4151767.36	0.66481
565402.03	4151767.36	0.71302	565412.03	4151767.36	0.76520
565442.03	4151767.36	0.94349	565452.03	4151767.36	1.00892
565462.03	4151767.36	1.07775	565472.03	4151767.36	1.15078
565482.03	4151767.36	1.22689	565492.03	4151767.36	1.30623
565502.03	4151767.36	1.38819	565512.03	4151767.36	1.47238
565522.03	4151767.36	1.55834	565562.03	4151767.36	1.89409
565572.03	4151767.36	1.97622	565582.03	4151767.36	2.06005
565592.03	4151767.36	2.15148	565602.03	4151767.36	2.25133
565612.03	4151767.36	2.36721	565622.03	4151767.36	2.50807
565632.03	4151767.36	2.67968	565642.03	4151767.36	2.88802
565652.03	4151767.36	3.14550	565662.03	4151767.36	3.45691
565712.03	4151767.36	5.21833	565722.03	4151767.36	5.36397
565732.03	4151767.36	5.37291	565352.03	4151777.36	0.52049
565362.03	4151777.36	0.55486	565372.03	4151777.36	0.59152
565382.03	4151777.36	0.63159	565392.03	4151777.36	0.67644
565402.03	4151777.36	0.72697	565412.03	4151777.36	0.78220
565462.03	4151777.36	1.13016	565472.03	4151777.36	1.21461

*** AERMOD - VERSION 22112 ***	*** Construction HRA, Residential Receptors	***	06/26/23
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR	***	07:03:09
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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITEPM ***
INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565482.03	4151777.36	1.30398	565492.03	4151777.36	1.39736
565502.03	4151777.36	1.49460	565512.03	4151777.36	1.59577
565522.03	4151777.36	1.70014	565532.03	4151777.36	1.80738
565582.03	4151777.36	2.36098	565592.03	4151777.36	2.47540
565602.03	4151777.36	2.59776	565612.03	4151777.36	2.73742
565622.03	4151777.36	2.90558	565632.03	4151777.36	3.10926
565642.03	4151777.36	3.36663	565652.03	4151777.36	3.68540
565662.03	4151777.36	4.06504	565672.03	4151777.36	4.49838
565342.03	4151787.36	0.49680	565352.03	4151787.36	0.52873
565362.03	4151787.36	0.56390	565372.03	4151787.36	0.60119
565382.03	4151787.36	0.64208	565392.03	4151787.36	0.68806
565402.03	4151787.36	0.74006	565412.03	4151787.36	0.79747
565422.03	4151787.36	0.86229	565472.03	4151787.36	1.27497
565482.03	4151787.36	1.37824	565492.03	4151787.36	1.48700

565502.03	4151787.36	1.60110	565512.03	4151787.36	1.72166
565522.03	4151787.36	1.84758	565532.03	4151787.36	1.97892
565542.03	4151787.36	2.12103	565582.03	4151787.36	2.71353
565592.03	4151787.36	2.86357	565602.03	4151787.36	3.02113
565612.03	4151787.36	3.19718	565622.03	4151787.36	3.40586
565632.03	4151787.36	3.65410	565642.03	4151787.36	3.97767
565652.03	4151787.36	4.37897	565662.03	4151787.36	4.84894
565672.03	4151787.36	5.37680	565682.03	4151787.36	5.95037
565352.03	4151797.36	0.53763	565362.03	4151797.36	0.57387
565372.03	4151797.36	0.61222	565382.03	4151797.36	0.65434
565392.03	4151797.36	0.70144	565402.03	4151797.36	0.75406
565412.03	4151797.36	0.81240	565422.03	4151797.36	0.87943
565432.03	4151797.36	0.95395	565482.03	4151797.36	1.44889
565492.03	4151797.36	1.57396	565502.03	4151797.36	1.70731
565512.03	4151797.36	1.84999	565522.03	4151797.36	2.00297
565532.03	4151797.36	2.16535	565542.03	4151797.36	2.33888
565552.03	4151797.36	2.52252	565562.03	4151797.36	2.71385
565592.03	4151797.36	3.32304	565602.03	4151797.36	3.54533
565612.03	4151797.36	3.78751	565622.03	4151797.36	4.06087
565632.03	4151797.36	4.37967	565642.03	4151797.36	4.78547
565652.03	4151797.36	5.27952	565662.03	4151797.36	5.86809
565672.03	4151797.36	6.54148	565682.03	4151797.36	7.27392
565692.03	4151797.36	7.96197	565702.03	4151797.36	8.49117
565322.03	4151807.36	0.45783	565332.03	4151807.36	0.48452
565362.03	4151807.36	0.58533	565372.03	4151807.36	0.62465
565382.03	4151807.36	0.66809	565392.03	4151807.36	0.71592
*** AERMOD - VERSION 22112 ***	*** Construction HRA, Residential Receptors				***
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR				***

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*** MODELOPTs: NonDFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITEPM ***
INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565402.03	4151807.36	0.76877	565412.03	4151807.36	0.82746
565422.03	4151807.36	0.89623	565432.03	4151807.36	0.97301
565442.03	4151807.36	1.05914	565492.03	4151807.36	1.65672
565502.03	4151807.36	1.81016	565512.03	4151807.36	1.97713
565522.03	4151807.36	2.15994	565532.03	4151807.36	2.35772
565542.03	4151807.36	2.56753	565552.03	4151807.36	2.79102
565562.03	4151807.36	3.03096	565572.03	4151807.36	3.29022
565602.03	4151807.36	4.17824	565612.03	4151807.36	4.52136
565622.03	4151807.36	4.89825	565632.03	4151807.36	5.33154
565642.03	4151807.36	5.86666	565652.03	4151807.36	6.50240
565662.03	4151807.36	7.26158	565672.03	4151807.36	8.14575

565682.03	4151807.36	9.10208	565692.03	4151807.36	9.94973
565702.03	4151807.36	10.53823	565322.03	4151817.36	0.46785
565332.03	4151817.36	0.49500	565342.03	4151817.36	0.52540
565372.03	4151817.36	0.63866	565382.03	4151817.36	0.68339
565392.03	4151817.36	0.73206	565402.03	4151817.36	0.78500
565412.03	4151817.36	0.84412	565422.03	4151817.36	0.91404
565432.03	4151817.36	0.99266	565442.03	4151817.36	1.08238
565452.03	4151817.36	1.18459	565502.03	4151817.36	1.90810
565512.03	4151817.36	2.10079	565522.03	4151817.36	2.31617
565532.03	4151817.36	2.55334	565542.03	4151817.36	2.80425
565552.03	4151817.36	3.07507	565562.03	4151817.36	3.37289
565572.03	4151817.36	3.71015	565582.03	4151817.36	4.08004
565612.03	4151817.36	5.42406	565622.03	4151817.36	5.95999
565632.03	4151817.36	6.58208	565642.03	4151817.36	7.33517
565652.03	4151817.36	8.20974	565662.03	4151817.36	9.24727
565672.03	4151817.36	10.45819	565682.03	4151817.36	11.73974
565692.03	4151817.36	12.82141	565322.03	4151827.36	0.47946
565332.03	4151827.36	0.50750	565342.03	4151827.36	0.53849
565352.03	4151827.36	0.57305	565392.03	4151827.36	0.74895
565402.03	4151827.36	0.80350	565412.03	4151827.36	0.86453
565422.03	4151827.36	0.93631	565432.03	4151827.36	1.01731
565442.03	4151827.36	1.10993	565452.03	4151827.36	1.21566
565462.03	4151827.36	1.33604	565512.03	4151827.36	2.21969
565522.03	4151827.36	2.46705	565532.03	4151827.36	2.74342
565542.03	4151827.36	3.04861	565552.03	4151827.36	3.38621
565562.03	4151827.36	3.76152	565572.03	4151827.36	4.18249
565582.03	4151827.36	4.65269	565592.03	4151827.36	5.18436
565622.03	4151827.36	7.29176	565632.03	4151827.36	8.25597
565642.03	4151827.36	9.40332	565652.03	4151827.36	10.73729
*** AERMOD - VERSION 22112 ***	*** Construction HRA, Residential Receptors	***	06/26/23		
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR	***	07:03:09		
*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data			PAGE 259		

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITEPM ***
INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565662.03	4151827.36	12.27918	565672.03	4151827.36	13.98560
565322.03	4151837.36	0.49208	565332.03	4151837.36	0.52112
565342.03	4151837.36	0.55290	565352.03	4151837.36	0.58764
565362.03	4151837.36	0.62592	565402.03	4151837.36	0.82440
565412.03	4151837.36	0.88738	565422.03	4151837.36	0.96123
565432.03	4151837.36	1.04453	565442.03	4151837.36	1.13959
565452.03	4151837.36	1.24852	565462.03	4151837.36	1.37303
565472.03	4151837.36	1.51552	565522.03	4151837.36	2.61070

565532.03	4151837.36	2.92929	565542.03	4151837.36	3.29452
565552.03	4151837.36	3.71044	565562.03	4151837.36	4.17851
565572.03	4151837.36	4.69995	565582.03	4151837.36	5.29323
565592.03	4151837.36	5.98862	565602.03	4151837.36	6.80338
565642.03	4151837.36	12.25412	565652.03	4151837.36	14.41550
565662.03	4151837.36	16.98102	565322.03	4151847.36	0.50527
565332.03	4151847.36	0.53546	565342.03	4151847.36	0.56811
565352.03	4151847.36	0.60320	565362.03	4151847.36	0.64187
565372.03	4151847.36	0.68622	565412.03	4151847.36	0.91261
565422.03	4151847.36	0.98860	565432.03	4151847.36	1.07453
565442.03	4151847.36	1.17217	565452.03	4151847.36	1.28385
565462.03	4151847.36	1.41163	565472.03	4151847.36	1.55877
565482.03	4151847.36	1.72926	565532.03	4151847.36	3.10592
565542.03	4151847.36	3.53627	565552.03	4151847.36	4.04115
565562.03	4151847.36	4.61801	565572.03	4151847.36	5.26166
565582.03	4151847.36	6.00733	565592.03	4151847.36	6.90948
565602.03	4151847.36	7.99959	565612.03	4151847.36	9.35811
565652.03	4151847.36	19.82330	565322.03	4151857.36	0.51806
565332.03	4151857.36	0.54902	565342.03	4151857.36	0.58271
565352.03	4151857.36	0.61934	565362.03	4151857.36	0.65964
565372.03	4151857.36	0.70474	565382.03	4151857.36	0.75480
565422.03	4151857.36	1.01669	565432.03	4151857.36	1.10474
565442.03	4151857.36	1.20492	565452.03	4151857.36	1.31975
565462.03	4151857.36	1.45148	565472.03	4151857.36	1.60330
565482.03	4151857.36	1.78025	565492.03	4151857.36	1.98894
565502.03	4151857.36	2.23550	565542.03	4151857.36	3.76831
565552.03	4151857.36	4.35697	565562.03	4151857.36	5.04960
565592.03	4151857.36	7.98489	565602.03	4151857.36	9.45226
565612.03	4151857.36	11.34613	565622.03	4151857.36	13.88355
565322.03	4151867.36	0.53023	565332.03	4151867.36	0.56207
565342.03	4151867.36	0.59690	565352.03	4151867.36	0.63509
565362.03	4151867.36	0.67715	565372.03	4151867.36	0.72315

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*** AERMOT - VERSION 22112 *** *** Construction HRA, Residential Receptors *** 06/26/23
*** AERMET - VERSION 18081 *** *** 501 Industrial Road Hotel EIR *** 07:03:09
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*** MODELOPTS:   NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITEPM ***
INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565382.03	4151867.36	0.77396	565392.03	4151867.36	0.83070
565432.03	4151867.36	1.13585	565442.03	4151867.36	1.23904
565452.03	4151867.36	1.35730	565462.03	4151867.36	1.49298
565472.03	4151867.36	1.64993	565482.03	4151867.36	1.83256
565492.03	4151867.36	2.04902	565502.03	4151867.36	2.30583
565512.03	4151867.36	2.61326	565552.03	4151867.36	4.65013
565602.03	4151867.36	11.18674	565612.03	4151867.36	13.82573
565622.03	4151867.36	17.50463	565332.03	4151877.36	0.57378
565342.03	4151877.36	0.60972	565352.03	4151877.36	0.64945
565362.03	4151877.36	0.69335	565372.03	4151877.36	0.74013
565382.03	4151877.36	0.79176	565392.03	4151877.36	0.85025
565402.03	4151877.36	0.91657	565442.03	4151877.36	1.27246
565452.03	4151877.36	1.39412	565462.03	4151877.36	1.53416
565472.03	4151877.36	1.69617	565482.03	4151877.36	1.88481
565492.03	4151877.36	2.10813	565502.03	4151877.36	2.37456
565512.03	4151877.36	2.69459	565522.03	4151877.36	3.08452
565612.03	4151877.36	16.95122	565622.03	4151877.36	22.37272
565342.03	4151887.36	0.62050	565352.03	4151887.36	0.66089
565362.03	4151887.36	0.70549	565372.03	4151887.36	0.75385
565382.03	4151887.36	0.80750	565392.03	4151887.36	0.86765
565402.03	4151887.36	0.93549	565412.03	4151887.36	1.01139
565452.03	4151887.36	1.42781	565462.03	4151887.36	1.57193
565472.03	4151887.36	1.73812	565482.03	4151887.36	1.93149
565492.03	4151887.36	2.16164	565502.03	4151887.36	2.43676
565512.03	4151887.36	2.76772	565312.03	4151897.36	0.52429
565352.03	4151897.36	0.66930	565362.03	4151897.36	0.71435
565372.03	4151897.36	0.76413	565382.03	4151897.36	0.81942
565392.03	4151897.36	0.88101	565402.03	4151897.36	0.94989
565412.03	4151897.36	1.02723	565422.03	4151897.36	1.11426
565452.03	4151897.36	1.45434	565462.03	4151897.36	1.60236
565472.03	4151897.36	1.77146	565482.03	4151897.36	1.96887
565492.03	4151897.36	2.20466	565502.03	4151897.36	2.48767
565312.03	4151907.36	0.52719	565322.03	4151907.36	0.55943
565362.03	4151907.36	0.71934	565372.03	4151907.36	0.77016
565382.03	4151907.36	0.82665	565392.03	4151907.36	0.88911
565402.03	4151907.36	0.95858	565412.03	4151907.36	1.03658
565422.03	4151907.36	1.12496	565432.03	4151907.36	1.22511

565472.03	4151907.36	1.79225	565482.03	4151907.36	1.99164	
565492.03	4151907.36	2.23151	565502.03	4151907.36	2.51927	
565312.03	4151917.36	0.52836	565322.03	4151917.36	0.56027	
*** AERMOD - VERSION 22112 ***	*** Construction HRA, Residential Receptors				***	06/26/23
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR				***	07:03:09
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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITEPM ***
 INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565332.03	4151917.36	0.59538	565372.03	4151917.36	0.77152
565382.03	4151917.36	0.82819	565392.03	4151917.36	0.89096
565402.03	4151917.36	0.96092	565412.03	4151917.36	1.03921
565422.03	4151917.36	1.12793	565432.03	4151917.36	1.22824
565442.03	4151917.36	1.34289	565452.03	4151917.36	1.47433
565482.03	4151917.36	1.99777	565492.03	4151917.36	2.23713
565502.03	4151917.36	2.52307	565512.03	4151917.36	2.86788
565312.03	4151927.36	0.52707	565322.03	4151927.36	0.55849
565332.03	4151927.36	0.59287	565342.03	4151927.36	0.63060
565352.03	4151927.36	0.67202	565372.03	4151927.36	0.76844
565382.03	4151927.36	0.82476	565392.03	4151927.36	0.88722
565402.03	4151927.36	0.95684	565412.03	4151927.36	1.03483
565422.03	4151927.36	1.12273	565432.03	4151927.36	1.22205
565442.03	4151927.36	1.33540	565452.03	4151927.36	1.46505
565462.03	4151927.36	1.61404	565482.03	4151927.36	1.98422
565492.03	4151927.36	2.21820	565502.03	4151927.36	2.49643
565512.03	4151927.36	2.83232	565522.03	4151927.36	3.24712
565312.03	4151937.36	0.52365	565322.03	4151937.36	0.55430
565332.03	4151937.36	0.58779	565342.03	4151937.36	0.62489
565352.03	4151937.36	0.66602	565362.03	4151937.36	0.71145
565392.03	4151937.36	0.87850	565402.03	4151937.36	0.94709
565412.03	4151937.36	1.02389	565422.03	4151937.36	1.11020
565432.03	4151937.36	1.20740	565442.03	4151937.36	1.31817
565452.03	4151937.36	1.44447	565462.03	4151937.36	1.58944
565482.03	4151937.36	1.95163	565492.03	4151937.36	2.17718
565502.03	4151937.36	2.44300	565512.03	4151937.36	2.76361
565522.03	4151937.36	3.16149	565312.03	4151947.36	0.51795
565322.03	4151947.36	0.54819	565332.03	4151947.36	0.58129
565342.03	4151947.36	0.61767	565352.03	4151947.36	0.65782
565362.03	4151947.36	0.70202	565372.03	4151947.36	0.75090
565402.03	4151947.36	0.93283	565412.03	4151947.36	1.00817
565422.03	4151947.36	1.09204	565432.03	4151947.36	1.18648
565442.03	4151947.36	1.29353	565452.03	4151947.36	1.41500
565482.03	4151947.36	1.90379	565492.03	4151947.36	2.11953

565502.03	4151947.36	2.37289	565512.03	4151947.36	2.67623
565312.03	4151957.36	0.51102	565322.03	4151957.36	0.54084
565332.03	4151957.36	0.57340	565342.03	4151957.36	0.60890
565352.03	4151957.36	0.64776	565362.03	4151957.36	0.69054
565372.03	4151957.36	0.73809	565382.03	4151957.36	0.79067
565412.03	4151957.36	0.98862	565422.03	4151957.36	1.06982

*** AERMOD - VERSION 22112 ***
 *** AERMET - VERSION 18081 ***

*** Construction HRA, Residential Receptors
 *** 501 Industrial Road Hotel EIR

*** 06/26/23
 *** 07:03:09
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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITEPM ***
 INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565432.03	4151957.36	1.16093	565462.03	4151957.36	1.51208
565472.03	4151957.36	1.66718	565482.03	4151957.36	1.84612
565492.03	4151957.36	2.05162	565502.03	4151957.36	2.29194
565312.03	4151967.36	0.50340	565322.03	4151967.36	0.53266
565332.03	4151967.36	0.56464	565342.03	4151967.36	0.59923
565352.03	4151967.36	0.63669	565362.03	4151967.36	0.67785
565372.03	4151967.36	0.72393	565382.03	4151967.36	0.77471
565452.03	4151967.36	1.34027	565462.03	4151967.36	1.46619
565472.03	4151967.36	1.61388	565482.03	4151967.36	1.78403
565492.03	4151967.36	1.97881	565322.03	4151977.36	0.52424
565332.03	4151977.36	0.55547	565342.03	4151977.36	0.58909
565352.03	4151977.36	0.62545	565362.03	4151977.36	0.66528
565372.03	4151977.36	0.70971	565382.03	4151977.36	0.75858
565432.03	4151977.36	1.10294	565442.03	4151977.36	1.19703
565452.03	4151977.36	1.30246	565462.03	4151977.36	1.42251
565472.03	4151977.36	1.56112	565482.03	4151977.36	1.72038
565332.03	4151987.36	0.54622	565342.03	4151987.36	0.57892
565352.03	4151987.36	0.61417	565362.03	4151987.36	0.65280
565402.03	4151987.36	0.85360	565412.03	4151987.36	0.91872
565422.03	4151987.36	0.99194	565432.03	4151987.36	1.07377
565442.03	4151987.36	1.16461	565452.03	4151987.36	1.26606
565462.03	4151987.36	1.38073	565472.03	4151987.36	1.51052
565372.03	4151997.36	0.68160	565382.03	4151997.36	0.72673
565392.03	4151997.36	0.77703	565402.03	4151997.36	0.83301
565412.03	4151997.36	0.89530	565422.03	4151997.36	0.96625
565432.03	4151997.36	1.04605	565442.03	4151997.36	1.13336
565452.03	4151997.36	1.23111	565462.03	4151997.36	1.34048
565342.03	4152007.36	0.55884	565352.03	4152007.36	0.59242
565362.03	4152007.36	0.62910	565372.03	4152007.36	0.66913
565382.03	4152007.36	0.71306	565392.03	4152007.36	0.76141
565402.03	4152007.36	0.81492	565412.03	4152007.36	0.87443

565422.03	4152007.36	0.94238	565432.03	4152007.36	1.01801	
565442.03	4152007.36	1.10163	565332.03	4152017.36	0.51869	
565342.03	4152017.36	0.54903	565352.03	4152017.36	0.58223	
565362.03	4152017.36	0.61846	565372.03	4152017.36	0.65767	
565382.03	4152017.36	0.70061	565392.03	4152017.36	0.74741	
565402.03	4152017.36	0.79860	565412.03	4152017.36	0.85535	
565332.03	4152027.36	0.50995	565342.03	4152027.36	0.53966	
565352.03	4152027.36	0.57247	565362.03	4152027.36	0.60829	
565372.03	4152027.36	0.64668	565382.03	4152027.36	0.68882	
*** AERMOD - VERSION 22112 ***	*** Construction HRA, Residential Receptors				***	06/26/23
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR				***	07:03:09
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*** MODELOPTs: NonDFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITEPM ***
INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565332.03	4152037.36	0.50186	565342.03	4152037.36	0.53069
565352.03	4152037.36	0.56258			

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

TABLE 1. DATA FOR THE 100% DESIGN													NETWORK
GROUP ID		AVERAGE CONC				RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)				OF TYPE	GRID-ID		
ONSITEEX	1ST	HIGHEST	VALUE	IS	21.36887	AT (	565622.03,	4151877.36,	2.87,	172.00,	1.50)	DC	
	2ND	HIGHEST	VALUE	IS	19.08596	AT (	565652.03,	4151847.36,	3.15,	171.51,	1.50)	DC	
	3RD	HIGHEST	VALUE	IS	17.26405	AT (	565622.03,	4151867.36,	2.96,	172.00,	1.50)	DC	
	4TH	HIGHEST	VALUE	IS	16.63083	AT (	565612.03,	4151877.36,	3.06,	172.00,	1.50)	DC	
	5TH	HIGHEST	VALUE	IS	16.45523	AT (	565662.03,	4151837.36,	3.30,	171.51,	1.50)	DC	
	6TH	HIGHEST	VALUE	IS	14.34959	AT (	565652.03,	4151837.36,	3.34,	171.51,	1.50)	DC	
	7TH	HIGHEST	VALUE	IS	14.00103	AT (	565622.03,	4151857.36,	3.05,	172.00,	1.50)	DC	
	8TH	HIGHEST	VALUE	IS	13.84638	AT (	565612.03,	4151867.36,	3.17,	172.00,	1.50)	DC	
	9TH	HIGHEST	VALUE	IS	13.78345	AT (	565672.03,	4151827.36,	3.10,	170.70,	1.50)	DC	
	10TH	HIGHEST	VALUE	IS	12.48216	AT (	565692.03,	4151817.36,	2.77,	2.77,	1.50)	DC	
HAUL_DPM	1ST	HIGHEST	VALUE	IS	12.46033	AT (	565552.03,	4151867.36,	3.16,	172.00,	1.50)	DC	
	2ND	HIGHEST	VALUE	IS	12.00628	AT (	565612.03,	4151877.36,	3.06,	172.00,	1.50)	DC	
	3RD	HIGHEST	VALUE	IS	11.99549	AT (	565522.03,	4151877.36,	3.15,	172.00,	1.50)	DC	
	4TH	HIGHEST	VALUE	IS	11.72352	AT (	565542.03,	4151857.36,	3.33,	172.00,	1.50)	DC	
	5TH	HIGHEST	VALUE	IS	11.12348	AT (	565532.03,	4151847.36,	3.58,	172.00,	1.50)	DC	
	6TH	HIGHEST	VALUE	IS	10.88647	AT (	565622.03,	4151867.36,	2.96,	172.00,	1.50)	DC	
	7TH	HIGHEST	VALUE	IS	10.70201	AT (	565522.03,	4151837.36,	3.60,	172.00,	1.50)	DC	
	8TH	HIGHEST	VALUE	IS	10.32279	AT (	565512.03,	4151827.36,	3.72,	172.00,	1.50)	DC	
	9TH	HIGHEST	VALUE	IS	10.02463	AT (	565422.03,	4151747.36,	5.43,	172.00,	1.50)	DC	
	10TH	HIGHEST	VALUE	IS	10.00362	AT (	565672.03,	4151827.36,	3.10,	170.70,	1.50)	DC	
HAUL_PM	1ST	HIGHEST	VALUE	IS	14.24826	AT (	565552.03,	4151867.36,	3.16,	172.00,	1.50)	DC	
	2ND	HIGHEST	VALUE	IS	14.07235	AT (	565522.03,	4151877.36,	3.15,	172.00,	1.50)	DC	
	3RD	HIGHEST	VALUE	IS	13.41265	AT (	565542.03,	4151857.36,	3.33,	172.00,	1.50)	DC	
	4TH	HIGHEST	VALUE	IS	12.80762	AT (	565612.03,	4151877.36,	3.06,	172.00,	1.50)	DC	
	5TH	HIGHEST	VALUE	IS	12.73075	AT (	565532.03,	4151847.36,	3.58,	172.00,	1.50)	DC	
	6TH	HIGHEST	VALUE	IS	12.23374	AT (	565522.03,	4151837.36,	3.60,	172.00,	1.50)	DC	
	7TH	HIGHEST	VALUE	IS	12.22216	AT (	565422.03,	4151747.36,	5.43,	172.00,	1.50)	DC	
	8TH	HIGHEST	VALUE	IS	11.78667	AT (	565512.03,	4151827.36,	3.72,	172.00,	1.50)	DC	
	9TH	HIGHEST	VALUE	IS	11.59705	AT (	565622.03,	4151867.36,	2.96,	172.00,	1.50)	DC	
	10TH	HIGHEST	VALUE	IS	11.38895	AT (	565502.03,	4151817.36,	3.86,	172.00,	1.50)	DC	
ONSITEPM	1ST	HIGHEST	VALUE	IS	22.37272	AT (	565622.03,	4151877.36,	2.87,	172.00,	1.50)	DC	
	2ND	HIGHEST	VALUE	IS	19.82330	AT (	565652.03,	4151847.36,	3.15,	171.51,	1.50)	DC	
	3RD	HIGHEST	VALUE	IS	17.50463	AT (	565622.03,	4151867.36,	2.96,	172.00,	1.50)	DC	
	4TH	HIGHEST	VALUE	IS	16.98102	AT (	565662.03,	4151837.36,	3.30,	171.51,	1.50)	DC	
	5TH	HIGHEST	VALUE	IS	16.98102	AT (	565662.03,	4151837.					

5TH HIGHEST VALUE IS	16.95122	AT (	565612.03,	4151877.36,	3.06,	172.00,	1.50)	DC
6TH HIGHEST VALUE IS	14.41550	AT (	565652.03,	4151837.36,	3.34,	171.51,	1.50)	DC
7TH HIGHEST VALUE IS	13.98560	AT (	565672.03,	4151827.36,	3.10,	170.70,	1.50)	DC
8TH HIGHEST VALUE IS	13.88355	AT (	565622.03,	4151857.36,	3.05,	172.00,	1.50)	DC
9TH HIGHEST VALUE IS	13.82573	AT (	565612.03,	4151867.36,	3.17,	172.00,	1.50)	DC
10TH HIGHEST VALUE IS	12.82141	AT (	565692.03,	4151817.36,	2.77,	2.77,	1.50)	DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 22112 *** *** Construction HRA, Residential Receptors
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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

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

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

A Total of 0 Fatal Error Message(s)
A Total of 4 Warning Message(s)
A Total of 1847 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 106 Calm Hours Identified

A Total of 1741 Missing Hours Identified (3.97 Percent)

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

***** WARNING MESSAGES *****
MX W403 2738 PFLCNV: Turbulence data is being used w/o ADJ_U* option SigA Data
MX W403 1 PFLCNV: Turbulence data is being used w/o ADJ_U* option SigA Data
MX W450 35065 CHKDAT: Record Out of Sequence in Meteorological File at: 17010101
MX W450 35065 CHKDAT: Record Out of Sequence in Meteorological File at: 1 year gap

*** AERMOD Finishes Successfully ***

*** AERMOD - VERSION 22112 *** *** Construction HRA, Worker Receptors *** 06/26/23
*** AERMET - VERSION 18081 *** *** 501 Industrial Road Hotel EIR *** 09:11:57
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*** MODELOPTS: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** MODEL SETUP OPTIONS SUMMARY ***

** Model Options Selected:

- * Model Allows User-Specified Options
- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.
- * NO PARTICLE DEPOSITION Data Provided.
- * Model Uses NO DRY DEPLETION. DDPLETE = F
- * Model Uses NO WET DEPLETION. WETDPLT = F
- * Stack-tip Downwash.
- * Allow FLAT/ELEV Terrain Option by Source,
with 0 FLAT and 180 ELEV Source(s).
- * Use Calms Processing Routine.
- * Use Missing Data Processing Routine.
- * No Exponential Decay.
- * Model Uses URBAN Dispersion Algorithm for the SBL for 180 Source(s),
for Total of 1 Urban Area(s):

Urban Population = 737888.0 ; Urban Roughness Length = 1.000 m

- * Urban Roughness Length of 1.0 Meter Used.
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Accepts FLAGPOLE Receptor . Heights.
- * The User Specified a Pollutant Type of: OTHER

**Model Calculates PERIOD Averages Only

**This Run Includes: 180 Source(s); 4 Source Group(s); and 199 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 178 VOLUME source(s)
and: 2 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
and: 0 SWPOINT source(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 18081

**Output Options Selected:

Model Outputs Tables of PERIOD Averages by Receptor
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 1.50 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.8 MB of RAM.

**Input Runstream File: aermod.inp
**Output Print File: aermod.out

**Detailed Error/Message File: COSC07_Worker.err
**File for Summary of Results: COSC07_Worker.sum

*** AERMOD - VERSION 22112 ***
*** AERMET - VERSION 18081 ***

*** Construction HRA, Worker Receptors
*** 501 Industrial Road Hotel EIR

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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000789	0	0.14985E-01	565384.9	4152125.1	3.2	3.40	9.77	3.16	YES	HRDOW
L0000790	0	0.14985E-01	565398.4	4152109.1	3.0	3.40	9.77	3.16	YES	HRDOW
L0000791	0	0.14985E-01	565412.0	4152093.0	3.1	3.40	9.77	3.16	YES	HRDOW
L0000792	0	0.14985E-01	565425.6	4152077.0	2.9	3.40	9.77	3.16	YES	HRDOW
L0000793	0	0.14985E-01	565439.1	4152061.0	2.9	3.40	9.77	3.16	YES	HRDOW
L0000794	0	0.14985E-01	565452.7	4152044.9	2.8	3.40	9.77	3.16	YES	HRDOW
L0000795	0	0.14985E-01	565468.2	4152030.8	2.8	3.40	9.77	3.16	YES	HRDOW
L0000796	0	0.14985E-01	565484.2	4152017.3	2.8	3.40	9.77	3.16	YES	HRDOW
L0000797	0	0.14985E-01	565500.2	4152003.7	3.0	3.40	9.77	3.16	YES	HRDOW
L0000798	0	0.14985E-01	565516.3	4151990.1	3.0	3.40	9.77	3.16	YES	HRDOW
L0000799	0	0.14985E-01	565532.3	4151976.5	3.1	3.40	9.77	3.16	YES	HRDOW
L0000800	0	0.14985E-01	565548.3	4151963.0	2.9	3.40	9.77	3.16	YES	HRDOW
L0000801	0	0.14985E-01	565564.3	4151949.4	2.8	3.40	9.77	3.16	YES	HRDOW
L0000802	0	0.14985E-01	565580.4	4151935.8	2.9	3.40	9.77	3.16	YES	HRDOW
L0000803	0	0.14985E-01	565596.3	4151922.2	3.2	3.40	9.77	3.16	YES	HRDOW
L0000804	0	0.14985E-01	565612.1	4151908.4	3.2	3.40	9.77	3.16	YES	HRDOW
L0000805	0	0.14985E-01	565627.9	4151894.5	2.9	3.40	9.77	3.16	YES	HRDOW
L0000806	0	0.14985E-01	565643.7	4151880.7	2.7	3.40	9.77	3.16	YES	HRDOW
L0000807	0	0.14985E-01	565659.5	4151866.8	3.0	3.40	9.77	3.16	YES	HRDOW
L0000808	0	0.14985E-01	565675.3	4151853.0	3.1	3.40	9.77	3.16	YES	HRDOW
L0000809	0	0.14985E-01	565691.1	4151839.2	2.9	3.40	9.77	3.16	YES	HRDOW
L0000810	0	0.14985E-01	565706.9	4151825.3	2.9	3.40	9.77	3.16	YES	HRDOW
L0000811	0	0.14985E-01	565722.7	4151811.5	2.7	3.40	9.77	3.16	YES	HRDOW
L0000812	0	0.14985E-01	565738.5	4151797.7	2.6	3.40	9.77	3.16	YES	HRDOW
L0000813	0	0.14985E-01	565754.3	4151783.8	2.6	3.40	9.77	3.16	YES	HRDOW
L0000814	0	0.14985E-01	565770.1	4151770.0	2.6	3.40	9.77	3.16	YES	HRDOW
L0000815	0	0.14985E-01	565785.9	4151756.1	2.8	3.40	9.77	3.16	YES	HRDOW
L0000816	0	0.14985E-01	565801.7	4151742.3	2.8	3.40	9.77	3.16	YES	HRDOW
L0000817	0	0.14985E-01	565817.5	4151728.5	2.7	3.40	9.77	3.16	YES	HRDOW
L0000818	0	0.14985E-01	565833.3	4151714.6	2.7	3.40	9.77	3.16	YES	HRDOW
L0000819	0	0.14985E-01	565849.1	4151700.8	2.8	3.40	9.77	3.16	YES	HRDOW
L0000820	0	0.14985E-01	565864.9	4151687.0	2.8	3.40	9.77	3.16	YES	HRDOW
L0000821	0	0.14985E-01	565880.7	4151673.1	2.7	3.40	9.77	3.16	YES	HRDOW
L0000822	0	0.14985E-01	565896.5	4151659.3	2.6	3.40	9.77	3.16	YES	HRDOW
L0000734	0	0.89186E-02	565812.1	4152257.6	4.7	3.40	5.81	3.16	YES	HRDOW
L0000735	0	0.89186E-02	565805.2	4152247.1	5.4	3.40	5.81	3.16	YES	HRDOW
L0000736	0	0.89186E-02	565798.4	4152236.7	6.0	3.40	5.81	3.16	YES	HRDOW
L0000737	0	0.89186E-02	565791.5	4152226.2	6.6	3.40	5.81	3.16	YES	HRDOW

L0000738	0	0.89186E-02	565784.7	4152215.7	7.2	3.40	5.81	3.16	YES	HRDOW
L0000739	0	0.89186E-02	565777.9	4152205.3	7.8	3.40	5.81	3.16	YES	HRDOW

*** AERMOD - VERSION 22112 *** *** Construction HRA, Worker Receptors
 *** AERMET - VERSION 18081 *** *** 501 Industrial Road Hotel EIR

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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000740	0	0.89186E-02	565771.0	4152194.8	7.5	3.40	5.81	3.16	YES	HRDOW
L0000741	0	0.89186E-02	565764.2	4152184.3	6.4	3.40	5.81	3.16	YES	HRDOW
L0000742	0	0.89186E-02	565757.4	4152173.9	4.8	3.40	5.81	3.16	YES	HRDOW
L0000743	0	0.89186E-02	565750.5	4152163.4	3.8	3.40	5.81	3.16	YES	HRDOW
L0000744	0	0.89186E-02	565743.7	4152152.9	3.6	3.40	5.81	3.16	YES	HRDOW
L0000745	0	0.89186E-02	565736.9	4152142.5	3.7	3.40	5.81	3.16	YES	HRDOW
L0000746	0	0.89186E-02	565730.0	4152132.0	3.8	3.40	5.81	3.16	YES	HRDOW
L0000747	0	0.89186E-02	565723.2	4152121.5	4.7	3.40	5.81	3.16	YES	HRDOW
L0000748	0	0.89186E-02	565716.3	4152111.1	6.2	3.40	5.81	3.16	YES	HRDOW
L0000749	0	0.89186E-02	565709.5	4152100.6	7.8	3.40	5.81	3.16	YES	HRDOW
L0000750	0	0.89186E-02	565702.7	4152090.2	8.4	3.40	5.81	3.16	YES	HRDOW
L0000751	0	0.89186E-02	565695.8	4152079.7	7.6	3.40	5.81	3.16	YES	HRDOW
L0000752	0	0.89186E-02	565689.1	4152069.2	7.1	3.40	5.81	3.16	YES	HRDOW
L0000753	0	0.89186E-02	565682.4	4152058.6	6.5	3.40	5.81	3.16	YES	HRDOW
L0000754	0	0.89186E-02	565675.7	4152048.1	5.8	3.40	5.81	3.16	YES	HRDOW
L0000755	0	0.89186E-02	565669.0	4152037.5	5.2	3.40	5.81	3.16	YES	HRDOW
L0000756	0	0.89186E-02	565662.3	4152027.0	4.8	3.40	5.81	3.16	YES	HRDOW
L0000757	0	0.89186E-02	565655.6	4152016.4	4.4	3.40	5.81	3.16	YES	HRDOW
L0000758	0	0.89186E-02	565648.9	4152005.9	4.0	3.40	5.81	3.16	YES	HRDOW
L0000759	0	0.89186E-02	565642.2	4151995.3	3.8	3.40	5.81	3.16	YES	HRDOW
L0000760	0	0.89186E-02	565635.5	4151984.8	3.8	3.40	5.81	3.16	YES	HRDOW
L0000761	0	0.89186E-02	565628.8	4151974.2	3.8	3.40	5.81	3.16	YES	HRDOW
L0000762	0	0.89186E-02	565622.1	4151963.7	3.6	3.40	5.81	3.16	YES	HRDOW
L0000763	0	0.89186E-02	565615.4	4151953.1	3.4	3.40	5.81	3.16	YES	HRDOW
L0000764	0	0.89186E-02	565608.7	4151942.5	3.5	3.40	5.81	3.16	YES	HRDOW
L0000765	0	0.89186E-02	565600.5	4151933.2	3.3	3.40	5.81	3.16	YES	HRDOW
L0000766	0	0.89186E-02	565591.3	4151924.7	3.2	3.40	5.81	3.16	YES	HRDOW
L0000767	0	0.89186E-02	565582.2	4151916.1	3.1	3.40	5.81	3.16	YES	HRDOW
L0000768	0	0.89186E-02	565573.1	4151907.5	3.0	3.40	5.81	3.16	YES	HRDOW
L0000769	0	0.89186E-02	565564.0	4151899.0	3.0	3.40	5.81	3.16	YES	HRDOW
L0000770	0	0.89186E-02	565554.9	4151890.4	3.0	3.40	5.81	3.16	YES	HRDOW
L0000771	0	0.89186E-02	565545.8	4151881.9	3.0	3.40	5.81	3.16	YES	HRDOW
L0000772	0	0.89186E-02	565536.7	4151873.3	3.1	3.40	5.81	3.16	YES	HRDOW
L0000773	0	0.89186E-02	565527.6	4151864.7	3.3	3.40	5.81	3.16	YES	HRDOW
L0000774	0	0.89186E-02	565518.5	4151856.2	3.4	3.40	5.81	3.16	YES	HRDOW

L0000775	0	0.89186E-02	565509.4	4151847.6	3.5	3.40	5.81	3.16	YES	HRDOW
L0000776	0	0.89186E-02	565500.3	4151839.0	3.6	3.40	5.81	3.16	YES	HRDOW
L0000777	0	0.89186E-02	565491.2	4151830.4	3.8	3.40	5.81	3.16	YES	HRDOW
L0000778	0	0.89186E-02	565482.1	4151821.8	3.9	3.40	5.81	3.16	YES	HRDOW
L0000779	0	0.89186E-02	565473.1	4151813.2	4.1	3.40	5.81	3.16	YES	HRDOW

*** AERMOD - VERSION 22112 *** *** Construction HRA, Worker Receptors
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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000780	0	0.89186E-02	565464.0	4151804.7	4.4	3.40	5.81	3.16	YES	HRDOW
L0000781	0	0.89186E-02	565454.9	4151796.1	4.6	3.40	5.81	3.16	YES	HRDOW
L0000782	0	0.89186E-02	565445.8	4151787.5	4.7	3.40	5.81	3.16	YES	HRDOW
L0000783	0	0.89186E-02	565436.7	4151778.9	4.8	3.40	5.81	3.16	YES	HRDOW
L0000784	0	0.89186E-02	565427.7	4151770.3	5.1	3.40	5.81	3.16	YES	HRDOW
L0000785	0	0.89186E-02	565418.6	4151761.7	5.3	3.40	5.81	3.16	YES	HRDOW
L0000786	0	0.89186E-02	565409.5	4151753.1	5.5	3.40	5.81	3.16	YES	HRDOW
L0000787	0	0.89186E-02	565400.7	4151744.2	5.8	3.40	5.81	3.16	YES	HRDOW
L0000788	0	0.89186E-02	565392.3	4151735.0	6.0	3.40	5.81	3.16	YES	HRDOW
L0000823	0	0.14985E-01	565384.9	4152125.1	3.2	0.00	9.77	3.16	YES	HRDOW
L0000824	0	0.14985E-01	565398.4	4152109.1	3.0	0.00	9.77	3.16	YES	HRDOW
L0000825	0	0.14985E-01	565412.0	4152093.0	3.1	0.00	9.77	3.16	YES	HRDOW
L0000826	0	0.14985E-01	565425.6	4152077.0	2.9	0.00	9.77	3.16	YES	HRDOW
L0000827	0	0.14985E-01	565439.1	4152061.0	2.9	0.00	9.77	3.16	YES	HRDOW
L0000828	0	0.14985E-01	565452.7	4152044.9	2.8	0.00	9.77	3.16	YES	HRDOW
L0000829	0	0.14985E-01	565468.2	4152030.8	2.8	0.00	9.77	3.16	YES	HRDOW
L0000830	0	0.14985E-01	565484.2	4152017.3	2.8	0.00	9.77	3.16	YES	HRDOW
L0000831	0	0.14985E-01	565500.2	4152003.7	3.0	0.00	9.77	3.16	YES	HRDOW
L0000832	0	0.14985E-01	565516.3	4151990.1	3.0	0.00	9.77	3.16	YES	HRDOW
L0000833	0	0.14985E-01	565532.3	4151976.5	3.1	0.00	9.77	3.16	YES	HRDOW
L0000834	0	0.14985E-01	565548.3	4151963.0	2.9	0.00	9.77	3.16	YES	HRDOW
L0000835	0	0.14985E-01	565564.3	4151949.4	2.8	0.00	9.77	3.16	YES	HRDOW
L0000836	0	0.14985E-01	565580.4	4151935.8	2.9	0.00	9.77	3.16	YES	HRDOW
L0000837	0	0.14985E-01	565596.3	4151922.2	3.2	0.00	9.77	3.16	YES	HRDOW
L0000838	0	0.14985E-01	565612.1	4151908.4	3.2	0.00	9.77	3.16	YES	HRDOW
L0000839	0	0.14985E-01	565627.9	4151894.5	2.9	0.00	9.77	3.16	YES	HRDOW
L0000840	0	0.14985E-01	565643.7	4151880.7	2.7	0.00	9.77	3.16	YES	HRDOW
L0000841	0	0.14985E-01	565659.5	4151866.8	3.0	0.00	9.77	3.16	YES	HRDOW
L0000842	0	0.14985E-01	565675.3	4151853.0	3.1	0.00	9.77	3.16	YES	HRDOW
L0000843	0	0.14985E-01	565691.1	4151839.2	2.9	0.00	9.77	3.16	YES	HRDOW
L0000844	0	0.14985E-01	565706.9	4151825.3	2.9	0.00	9.77	3.16	YES	HRDOW
L0000845	0	0.14985E-01	565722.7	4151811.5	2.7	0.00	9.77	3.16	YES	HRDOW

L0000846	0	0.14985E-01	565738.5	4151797.7	2.6	0.00	9.77	3.16	YES	HRDOW
L0000847	0	0.14985E-01	565754.3	4151783.8	2.6	0.00	9.77	3.16	YES	HRDOW
L0000848	0	0.14985E-01	565770.1	4151770.0	2.6	0.00	9.77	3.16	YES	HRDOW
L0000849	0	0.14985E-01	565785.9	4151756.1	2.8	0.00	9.77	3.16	YES	HRDOW
L0000850	0	0.14985E-01	565801.7	4151742.3	2.8	0.00	9.77	3.16	YES	HRDOW
L0000851	0	0.14985E-01	565817.5	4151728.5	2.7	0.00	9.77	3.16	YES	HRDOW
L0000852	0	0.14985E-01	565833.3	4151714.6	2.7	0.00	9.77	3.16	YES	HRDOW
L0000853	0	0.14985E-01	565849.1	4151700.8	2.8	0.00	9.77	3.16	YES	HRDOW

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*** MODELOPTs: NonDFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000854	0	0.14985E-01	565864.9	4151687.0	2.8	0.00	9.77	3.16	YES	HRDOW
L0000855	0	0.14985E-01	565880.7	4151673.1	2.7	0.00	9.77	3.16	YES	HRDOW
L0000856	0	0.14985E-01	565896.5	4151659.3	2.6	0.00	9.77	3.16	YES	HRDOW
L0000857	0	0.89186E-02	565812.1	4152257.6	4.7	0.00	5.81	3.16	YES	HRDOW
L0000858	0	0.89186E-02	565805.2	4152247.1	5.4	0.00	5.81	3.16	YES	HRDOW
L0000859	0	0.89186E-02	565798.4	4152236.7	6.0	0.00	5.81	3.16	YES	HRDOW
L0000860	0	0.89186E-02	565791.5	4152226.2	6.6	0.00	5.81	3.16	YES	HRDOW
L0000861	0	0.89186E-02	565784.7	4152215.7	7.2	0.00	5.81	3.16	YES	HRDOW
L0000862	0	0.89186E-02	565777.9	4152205.3	7.8	0.00	5.81	3.16	YES	HRDOW
L0000863	0	0.89186E-02	565771.0	4152194.8	7.5	0.00	5.81	3.16	YES	HRDOW
L0000864	0	0.89186E-02	565764.2	4152184.3	6.4	0.00	5.81	3.16	YES	HRDOW
L0000865	0	0.89186E-02	565757.4	4152173.9	4.8	0.00	5.81	3.16	YES	HRDOW
L0000866	0	0.89186E-02	565750.5	4152163.4	3.8	0.00	5.81	3.16	YES	HRDOW
L0000867	0	0.89186E-02	565743.7	4152152.9	3.6	0.00	5.81	3.16	YES	HRDOW
L0000868	0	0.89186E-02	565736.9	4152142.5	3.7	0.00	5.81	3.16	YES	HRDOW
L0000869	0	0.89186E-02	565730.0	4152132.0	3.8	0.00	5.81	3.16	YES	HRDOW
L0000870	0	0.89186E-02	565723.2	4152121.5	4.7	0.00	5.81	3.16	YES	HRDOW
L0000871	0	0.89186E-02	565716.3	4152111.1	6.2	0.00	5.81	3.16	YES	HRDOW
L0000872	0	0.89186E-02	565709.5	4152100.6	7.8	0.00	5.81	3.16	YES	HRDOW
L0000873	0	0.89186E-02	565702.7	4152090.2	8.4	0.00	5.81	3.16	YES	HRDOW
L0000874	0	0.89186E-02	565695.8	4152079.7	7.6	0.00	5.81	3.16	YES	HRDOW
L0000875	0	0.89186E-02	565689.1	4152069.2	7.1	0.00	5.81	3.16	YES	HRDOW
L0000876	0	0.89186E-02	565682.4	4152058.6	6.5	0.00	5.81	3.16	YES	HRDOW
L0000877	0	0.89186E-02	565675.7	4152048.1	5.8	0.00	5.81	3.16	YES	HRDOW
L0000878	0	0.89186E-02	565669.0	4152037.5	5.2	0.00	5.81	3.16	YES	HRDOW
L0000879	0	0.89186E-02	565662.3	4152027.0	4.8	0.00	5.81	3.16	YES	HRDOW
L0000880	0	0.89186E-02	565655.6	4152016.4	4.4	0.00	5.81	3.16	YES	HRDOW
L0000881	0	0.89186E-02	565648.9	4152005.9	4.0	0.00	5.81	3.16	YES	HRDOW
L0000882	0	0.89186E-02	565642.2	4151995.3	3.8	0.00	5.81	3.16	YES	HRDOW

L0000883	0	0.89186E-02	565635.5	4151984.8	3.8	0.00	5.81	3.16	YES	HRDOW
L0000884	0	0.89186E-02	565628.8	4151974.2	3.8	0.00	5.81	3.16	YES	HRDOW
L0000885	0	0.89186E-02	565622.1	4151963.7	3.6	0.00	5.81	3.16	YES	HRDOW
L0000886	0	0.89186E-02	565615.4	4151953.1	3.4	0.00	5.81	3.16	YES	HRDOW
L0000887	0	0.89186E-02	565608.7	4151942.5	3.5	0.00	5.81	3.16	YES	HRDOW
L0000888	0	0.89186E-02	565600.5	4151933.2	3.3	0.00	5.81	3.16	YES	HRDOW
L0000889	0	0.89186E-02	565591.3	4151924.7	3.2	0.00	5.81	3.16	YES	HRDOW
L0000890	0	0.89186E-02	565582.2	4151916.1	3.1	0.00	5.81	3.16	YES	HRDOW
L0000891	0	0.89186E-02	565573.1	4151907.5	3.0	0.00	5.81	3.16	YES	HRDOW
L0000892	0	0.89186E-02	565564.0	4151899.0	3.0	0.00	5.81	3.16	YES	HRDOW
L0000893	0	0.89186E-02	565554.9	4151890.4	3.0	0.00	5.81	3.16	YES	HRDOW

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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000894	0	0.89186E-02	565545.8	4151881.9	3.0	0.00	5.81	3.16	YES	HRDOW
L0000895	0	0.89186E-02	565536.7	4151873.3	3.1	0.00	5.81	3.16	YES	HRDOW
L0000896	0	0.89186E-02	565527.6	4151864.7	3.3	0.00	5.81	3.16	YES	HRDOW
L0000897	0	0.89186E-02	565518.5	4151856.2	3.4	0.00	5.81	3.16	YES	HRDOW
L0000898	0	0.89186E-02	565509.4	4151847.6	3.5	0.00	5.81	3.16	YES	HRDOW
L0000899	0	0.89186E-02	565500.3	4151839.0	3.6	0.00	5.81	3.16	YES	HRDOW
L0000900	0	0.89186E-02	565491.2	4151830.4	3.8	0.00	5.81	3.16	YES	HRDOW
L0000901	0	0.89186E-02	565482.1	4151821.8	3.9	0.00	5.81	3.16	YES	HRDOW
L0000902	0	0.89186E-02	565473.1	4151813.2	4.1	0.00	5.81	3.16	YES	HRDOW
L0000903	0	0.89186E-02	565464.0	4151804.7	4.4	0.00	5.81	3.16	YES	HRDOW
L0000904	0	0.89186E-02	565454.9	4151796.1	4.6	0.00	5.81	3.16	YES	HRDOW
L0000905	0	0.89186E-02	565445.8	4151787.5	4.7	0.00	5.81	3.16	YES	HRDOW
L0000906	0	0.89186E-02	565436.7	4151778.9	4.8	0.00	5.81	3.16	YES	HRDOW
L0000907	0	0.89186E-02	565427.7	4151770.3	5.1	0.00	5.81	3.16	YES	HRDOW
L0000908	0	0.89186E-02	565418.6	4151761.7	5.3	0.00	5.81	3.16	YES	HRDOW
L0000909	0	0.89186E-02	565409.5	4151753.1	5.5	0.00	5.81	3.16	YES	HRDOW
L0000910	0	0.89186E-02	565400.7	4151744.2	5.8	0.00	5.81	3.16	YES	HRDOW
L0000911	0	0.89186E-02	565392.3	4151735.0	6.0	0.00	5.81	3.16	YES	HRDOW

*** AERMOD - VERSION 22112 ***
*** AERMET - VERSION 18081 ***
*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

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*** AREAPOLY SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
PAREA1	0	0.10644E-03	565773.2	4151960.3	2.2	3.40	19	1.58	YES	HRDOW
PAREA2	0	0.10644E-03	565773.2	4151960.3	2.2	0.00	19	0.00	YES	HRDOW

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SRCGROUP ID

SOURCE IDs

ONSITEEX	PAREA1	,
HAUL_DPM	L0000789	, L0000790 , L0000791 , L0000792 , L0000793 , L0000794 , L0000795 , L0000796 ,
	L0000797	, L0000798 , L0000799 , L0000800 , L0000801 , L0000802 , L0000803 , L0000804 ,
	L0000805	, L0000806 , L0000807 , L0000808 , L0000809 , L0000810 , L0000811 , L0000812
	L0000813	, L0000814 , L0000815 , L0000816 , L0000817 , L0000818 , L0000819 , L0000820 ,
	L0000821	, L0000822 , L0000734 , L0000735 , L0000736 , L0000737 , L0000738 , L0000739 ,
	L0000740	, L0000741 , L0000742 , L0000743 , L0000744 , L0000745 , L0000746 , L0000747 ,
	L0000748	, L0000749 , L0000750 , L0000751 , L0000752 , L0000753 , L0000754 , L0000755 ,
	L0000756	, L0000757 , L0000758 , L0000759 , L0000760 , L0000761 , L0000762 , L0000763 ,
	L0000764	, L0000765 , L0000766 , L0000767 , L0000768 , L0000769 , L0000770 , L0000771 ,
	L0000772	, L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000778 , L0000779 ,
L0000780	, L0000781 , L0000782 , L0000783 , L0000784 , L0000785 , L0000786 , L0000787 ,	
L0000788	,	
HAUL_PM	L0000823	, L0000824 , L0000825 , L0000826 , L0000827 , L0000828 , L0000829 , L0000830 ,
	L0000831	, L0000832 , L0000833 , L0000834 , L0000835 , L0000836 , L0000837 , L0000838 ,
	L0000839	, L0000840 , L0000841 , L0000842 , L0000843 , L0000844 , L0000845 , L0000846 ,
	L0000847	, L0000848 , L0000849 , L0000850 , L0000851 , L0000852 , L0000853 , L0000854 ,
	L0000855	, L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 ,
	L0000863	, L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 ,
	L0000871	, L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , L0000878

*** AERMOD - VERSION 22112 ***	*** Construction HRA, Worker Receptors	***	06/26/23
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR	***	09:11:57
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
-----	-----
L0000879	, L0000880 , L0000881 , L0000882 , L0000883 , L0000884 , L0000885 , L0000886 ,
L0000887	, L0000888 , L0000889 , L0000890 , L0000891 , L0000892 , L0000893 , L0000894 ,
L0000895	, L0000896 , L0000897 , L0000898 , L0000899 , L0000900 , L0000901 , L0000902 ,
L0000903	, L0000904 , L0000905 , L0000906 , L0000907 , L0000908 , L0000909 , L0000910 ,
L0000911	,
ONSITEPM PAREA2	,

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*** AERMOD - VERSION 22112 *** *** Construction HRA, Worker Receptors *** 06/26/23
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0000795	737888. PAREA1	, L0000789 , L0000790 , L0000791 , L0000792 , L0000793 , L0000794 ,
		L0000796 , L0000797 , L0000798 , L0000799 , L0000800 , L0000801 , L0000802 , L0000803 ,
		L0000804 , L0000805 , L0000806 , L0000807 , L0000808 , L0000809 , L0000810 , L0000811 ,
		L0000812 , L0000813 , L0000814 , L0000815 , L0000816 , L0000817 , L0000818 , L0000819 ,
		L0000820 , L0000821 , L0000822 , L0000734 , L0000735 , L0000736 , L0000737 , L0000738 ,
		L0000739 , L0000740 , L0000741 , L0000742 , L0000743 , L0000744 , L0000745 , L0000746 ,
		L0000747 , L0000748 , L0000749 , L0000750 , L0000751 , L0000752 , L0000753 , L0000754 ,
		L0000755 , L0000756 , L0000757 , L0000758 , L0000759 , L0000760 , L0000761 , L0000762 ,
		L0000763 , L0000764 , L0000765 , L0000766 , L0000767 , L0000768 , L0000769 , L0000770 ,
		L0000771 , L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000778 ,
		L0000779 , L0000780 , L0000781 , L0000782 , L0000783 , L0000784 , L0000785 , L0000786 ,
		L0000787 , L0000788 , PAREA2 , L0000823 , L0000824 , L0000825 , L0000826 , L0000827 ,
		L0000828 , L0000829 , L0000830 , L0000831 , L0000832 , L0000833 , L0000834 , L0000835 ,
		L0000836 , L0000837 , L0000838 , L0000839 , L0000840 , L0000841 , L0000842 , L0000843 ,
		L0000844 , L0000845 , L0000846 , L0000847 , L0000848 , L0000849 , L0000850 , L0000851 ,
		L0000852 , L0000853 , L0000854 , L0000855 , L0000856 , L0000857 , L0000858 , L0000859 ,
		L0000860 , L0000861 , L0000862 , L0000863 , L0000864 , L0000865 , L0000866 , L0000867 ,
		L0000868 , L0000869 , L0000870 , L0000871 , L0000872 , L0000873 , L0000874 , L0000875 ,
		L0000876 , L0000877 , L0000878 , L0000879 , L0000880 , L0000881 , L0000882 , L0000883 ,
		L0000884 , L0000885 , L0000886 , L0000887 , L0000888 , L0000889 , L0000890 , L0000891 ,
*** AERMOD - VERSION 22112 ***	*** Construction HRA, Worker Receptors	*** 06/26/23
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR	*** 09:11:57
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
		L0000892 , L0000893 , L0000894 , L0000895 , L0000896 , L0000897 , L0000898 , L0000899 ,
		L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 , L0000907 ,
		L0000908 , L0000909 , L0000910 , L0000911 ,

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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = All Poly Area Sources ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SOURCE ID = All Volume Sources ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** AERMOD - VERSION 22112 ***
*** AERMET - VERSION 18081 ***
*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** Construction HRA, Worker Receptors
*** 501 Industrial Road Hotel EIR

*** 06/26/23
*** 09:11:57
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(565514.5, 4151901.8,	3.1,	172.0,	1.5);	(565514.5, 4151911.8,	3.1,	172.0,	1.5);
(565524.5, 4151891.8,	3.1,	172.0,	1.5);	(565524.5, 4151901.8,	3.0,	172.0,	1.5);
(565524.5, 4151911.8,	3.0,	172.0,	1.5);	(565524.5, 4151921.8,	3.0,	172.0,	1.5);
(565524.5, 4151951.8,	3.0,	172.0,	1.5);	(565524.5, 4151961.8,	3.0,	172.0,	1.5);
(565534.5, 4151891.8,	3.0,	172.0,	1.5);	(565534.5, 4151901.8,	2.9,	172.0,	1.5);
(565534.5, 4151911.8,	2.9,	172.0,	1.5);	(565534.5, 4151921.8,	2.9,	172.0,	1.5);
(565534.5, 4151931.8,	2.9,	172.0,	1.5);	(565534.5, 4151941.8,	2.9,	172.0,	1.5);
(565534.5, 4151951.8,	2.9,	172.0,	1.5);	(565544.5, 4151901.8,	2.9,	172.0,	1.5);
(565544.5, 4151911.8,	2.8,	172.0,	1.5);	(565544.5, 4151921.8,	2.8,	172.0,	1.5);
(565544.5, 4151931.8,	2.8,	172.0,	1.5);	(565544.5, 4151941.8,	2.8,	172.0,	1.5);
(565554.5, 4151911.8,	2.8,	172.0,	1.5);	(565554.5, 4151921.8,	2.8,	172.0,	1.5);
(565554.5, 4151931.8,	2.7,	172.0,	1.5);	(565565.2, 4151868.0,	3.2,	172.0,	1.5);
(565565.2, 4151878.0,	3.2,	172.0,	1.5);	(565575.2, 4151868.0,	3.4,	172.0,	1.5);
(565575.2, 4151878.0,	3.4,	172.0,	1.5);	(565575.2, 4151888.0,	3.3,	172.0,	1.5);
(565585.2, 4151868.0,	3.5,	172.0,	1.5);	(565585.2, 4151878.0,	3.5,	172.0,	1.5);
(565585.2, 4151888.0,	3.4,	172.0,	1.5);	(565585.2, 4151898.0,	3.3,	172.0,	1.5);
(565595.2, 4151878.0,	3.3,	172.0,	1.5);	(565595.2, 4151888.0,	3.3,	172.0,	1.5);
(565595.2, 4151898.0,	3.3,	172.0,	1.5);	(565605.2, 4151888.0,	3.2,	172.0,	1.5);
(565709.0, 4151856.6,	2.9,	2.9,	1.5);	(565724.0, 4151841.6,	2.9,	2.9,	1.5);
(565724.0, 4151856.6,	2.9,	2.9,	1.5);	(565724.0, 4151871.6,	2.9,	2.9,	1.5);
(565742.2, 4151831.5,	2.8,	2.8,	1.5);	(565739.0, 4151841.6,	2.9,	2.9,	1.5);
(565739.0, 4151856.6,	2.9,	2.9,	1.5);	(565754.0, 4151826.6,	2.9,	2.9,	1.5);
(565754.0, 4151841.6,	2.8,	2.8,	1.5);	(565754.0, 4151856.6,	2.8,	2.8,	1.5);
(565760.7, 4151929.9,	2.7,	2.7,	1.5);	(565769.0, 4151811.6,	2.8,	2.8,	1.5);
(565769.0, 4151826.6,	2.8,	2.8,	1.5);	(565769.0, 4151841.6,	2.7,	2.7,	1.5);
(565769.0, 4151856.6,	2.7,	2.7,	1.5);	(565769.0, 4151871.6,	2.8,	2.8,	1.5);
(565769.0, 4151916.6,	2.6,	2.6,	1.5);	(565769.0, 4151931.6,	2.6,	2.6,	1.5);
(565770.9, 4151942.2,	2.6,	2.6,	1.5);	(565784.0, 4151811.6,	2.6,	2.6,	1.5);
(565784.0, 4151826.6,	2.6,	2.6,	1.5);	(565784.0, 4151841.6,	2.5,	2.5,	1.5);
(565784.0, 4151856.6,	2.5,	2.5,	1.5);	(565784.0, 4151871.6,	2.6,	2.6,	1.5);
(565784.0, 4151886.6,	2.7,	2.7,	1.5);	(565784.0, 4151901.6,	2.6,	2.6,	1.5);
(565784.0, 4151916.6,	2.6,	2.6,	1.5);	(565784.0, 4151931.6,	2.5,	2.5,	1.5);
(565784.0, 4151946.6,	2.3,	2.3,	1.5);	(565799.0, 4151826.6,	2.3,	2.3,	1.5);
(565799.0, 4151841.6,	2.4,	2.4,	1.5);	(565799.0, 4151856.6,	2.4,	2.4,	1.5);
(565799.0, 4151871.6,	2.6,	2.6,	1.5);	(565799.0, 4151886.6,	2.6,	2.6,	1.5);
(565799.0, 4151901.6,	2.6,	2.6,	1.5);	(565799.0, 4151916.6,	2.6,	2.6,	1.5);
(565799.0, 4151931.6,	2.4,	2.4,	1.5);	(565814.0, 4151871.6,	2.5,	2.5,	1.5);
(565814.0, 4151886.6,	2.6,	2.6,	1.5);	(565814.0, 4151901.6,	2.6,	2.6,	1.5);
(565814.0, 4151916.6,	2.6,	2.6,	1.5);	(565814.0, 4151931.6,	2.5,	2.5,	1.5);
(565829.0, 4151886.6,	2.5,	2.5,	1.5);	(565829.0, 4151901.6,	2.6,	2.6,	1.5);
(565829.0, 4151916.6,	2.6,	2.6,	1.5);	(565828.0, 4151929.5,	2.6,	2.6,	1.5);
(565844.0, 4151886.6,	2.2,	2.2,	1.5);	(565844.0, 4151901.6,	2.5,	2.5,	1.5);

(565844.0, 4151916.6,	2.6,	2.6,	1.5);	(565859.0, 4151886.6,	2.3,	2.3,	1.5);
(565859.0, 4151901.6,	2.4,	2.4,	1.5);	(565859.0, 4151916.6,	2.5,	2.5,	1.5);
(565495.7, 4152043.4,	2.9,	172.0,	1.5);	(565515.7, 4152023.4,	3.1,	172.0,	1.5);

*** AERMOD - VERSION 22112	***	*** Construction HRA, Worker Receptors	***	06/26/23
*** AERMET - VERSION 18081	***	*** 501 Industrial Road Hotel EIR	***	09:11:57

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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

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

(565515.7, 4152043.4,	3.0,	172.0,	1.5);	(565515.7, 4152063.4,	2.8,	172.0,	1.5);
(565535.7, 4152003.4,	3.2,	172.0,	1.5);	(565535.7, 4152023.4,	3.2,	172.0,	1.5);
(565535.7, 4152043.4,	3.2,	172.0,	1.5);	(565535.7, 4152063.4,	3.1,	172.0,	1.5);
(565535.7, 4152083.4,	3.0,	172.0,	1.5);	(565555.7, 4151983.4,	3.1,	172.0,	1.5);
(565555.7, 4152003.4,	3.2,	172.0,	1.5);	(565555.7, 4152023.4,	3.1,	172.0,	1.5);
(565555.7, 4152043.4,	3.1,	172.0,	1.5);	(565555.7, 4152063.4,	3.1,	172.0,	1.5);
(565555.7, 4152083.4,	3.2,	172.0,	1.5);	(565555.7, 4152103.4,	3.2,	172.0,	1.5);
(565575.7, 4151983.4,	3.2,	172.0,	1.5);	(565575.7, 4152003.4,	3.1,	172.0,	1.5);
(565575.7, 4152023.4,	3.1,	172.0,	1.5);	(565575.7, 4152043.4,	3.1,	172.0,	1.5);
(565575.7, 4152063.4,	3.1,	172.0,	1.5);	(565575.7, 4152083.4,	3.1,	172.0,	1.5);
(565575.7, 4152103.4,	2.9,	172.0,	1.5);	(565575.7, 4152123.4,	2.7,	172.0,	1.5);
(565595.7, 4152003.4,	2.9,	172.0,	1.5);	(565595.7, 4152023.4,	3.0,	172.0,	1.5);
(565595.7, 4152043.4,	2.9,	172.0,	1.5);	(565595.7, 4152063.4,	2.8,	172.0,	1.5);
(565595.7, 4152083.4,	2.7,	172.0,	1.5);	(565615.7, 4152023.4,	2.9,	172.0,	1.5);
(565615.7, 4152043.4,	2.9,	172.0,	1.5);	(565909.6, 4152060.1,	2.8,	2.8,	1.5);
(565909.6, 4152080.1,	2.8,	2.8,	1.5);	(565909.6, 4152100.1,	2.8,	2.8,	1.5);
(565909.6, 4152120.1,	2.8,	2.8,	1.5);	(565909.6, 4152140.1,	2.8,	2.8,	1.5);
(565909.6, 4152160.1,	2.8,	2.8,	1.5);	(565909.6, 4152180.1,	2.7,	2.7,	1.5);
(565909.6, 4152200.1,	2.7,	2.7,	1.5);	(565909.6, 4152220.1,	2.8,	2.8,	1.5);
(565909.6, 4152240.1,	2.4,	2.4,	1.5);	(565929.6, 4152040.1,	2.6,	2.6,	1.5);
(565929.6, 4152060.1,	2.8,	2.8,	1.5);	(565929.6, 4152080.1,	2.9,	2.9,	1.5);
(565929.6, 4152100.1,	2.8,	2.8,	1.5);	(565929.6, 4152120.1,	2.6,	2.6,	1.5);
(565929.6, 4152140.1,	2.5,	2.5,	1.5);	(565929.6, 4152160.1,	2.5,	2.5,	1.5);
(565929.6, 4152180.1,	2.5,	2.5,	1.5);	(565929.6, 4152200.1,	2.4,	2.4,	1.5);
(565929.6, 4152220.1,	2.4,	2.4,	1.5);	(565949.6, 4152000.1,	2.0,	2.0,	1.5);
(565949.6, 4152020.1,	2.3,	2.3,	1.5);	(565949.6, 4152040.1,	2.7,	2.7,	1.5);
(565949.6, 4152060.1,	2.9,	2.9,	1.5);	(565949.6, 4152080.1,	2.9,	2.9,	1.5);
(565949.6, 4152100.1,	2.7,	2.7,	1.5);	(565949.6, 4152120.1,	2.6,	2.6,	1.5);
(565949.6, 4152140.1,	2.5,	2.5,	1.5);	(565949.6, 4152160.1,	2.6,	2.6,	1.5);
(565949.6, 4152180.1,	2.7,	2.7,	1.5);	(565949.6, 4152200.1,	2.3,	2.3,	1.5);
(565969.6, 4151980.1,	2.2,	2.2,	1.5);	(565969.6, 4152000.1,	1.8,	1.8,	1.5);
(565969.6, 4152020.1,	1.9,	1.9,	1.5);	(565969.6, 4152040.1,	2.1,	2.1,	1.5);
(565969.6, 4152060.1,	2.5,	2.5,	1.5);	(565969.6, 4152080.1,	2.6,	2.6,	1.5);
(565969.6, 4152100.1,	2.5,	2.5,	1.5);	(565969.6, 4152120.1,	2.6,	2.6,	1.5);
(565969.6, 4152140.1,	2.4,	2.4,	1.5);	(565969.6, 4152160.1,	2.2,	2.2,	1.5);
(565969.6, 4152180.1,	1.9,	1.9,	1.5);	(565989.6, 4151960.1,	2.1,	2.1,	1.5);
(565989.6, 4151980.1,	1.9,	1.9,	1.5);	(565989.6, 4152000.1,	1.8,	1.8,	1.5);
(565989.6, 4152020.1,	1.8,	1.8,	1.5);	(565989.6, 4152040.1,	1.9,	1.9,	1.5);
(565989.6, 4152060.1,	2.1,	2.1,	1.5);	(565989.6, 4152080.1,	2.2,	2.2,	1.5);

(565989.6, 4152100.1,	2.3,	2.3,	1.5);	(565989.6, 4152120.1,	2.4,	2.4,	1.5);
(565989.6, 4152140.1,	2.3,	2.3,	1.5);	(565989.6, 4152160.1,	2.1,	2.1,	1.5);
(566009.6, 4151960.1,	1.9,	1.9,	1.5);	(566009.6, 4151980.1,	1.8,	1.8,	1.5);
(566009.6, 4152000.1,	1.8,	1.8,	1.5);	(566009.6, 4152020.1,	1.8,	1.8,	1.5);
(566009.6, 4152040.1,	1.8,	1.8,	1.5);	(566009.6, 4152060.1,	1.7,	1.7,	1.5);
(566009.6, 4152080.1,	1.8,	1.8,	1.5);	(566009.6, 4152100.1,	2.0,	2.0,	1.5);
*** AERMOD - VERSION 22112 ***	*** Construction HRA, Worker Receptors				***	06/26/23	
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR				***	09:11:57	
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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data							

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

(566009.6, 4152120.1,	2.1,	2.1,	1.5);	(566009.6, 4152140.1,	2.0,	2.0,	1.5);
(566029.6, 4151980.1,	1.7,	1.7,	1.5);	(566029.6, 4152000.1,	1.8,	1.8,	1.5);
(566029.6, 4152020.1,	1.8,	1.8,	1.5);	(566029.6, 4152040.1,	1.7,	1.7,	1.5);
(566029.6, 4152060.1,	1.5,	1.5,	1.5);	(566029.6, 4152080.1,	1.5,	1.5,	1.5);
(566029.6, 4152100.1,	1.6,	1.6,	1.5);	(566029.6, 4152120.1,	1.8,	1.8,	1.5);
(566049.6, 4152000.1,	1.8,	1.8,	1.5);	(566049.6, 4152020.1,	1.8,	1.8,	1.5);
(566049.6, 4152040.1,	1.7,	1.7,	1.5);	(566049.6, 4152060.1,	1.5,	1.5,	1.5);
(566049.6, 4152080.1,	1.4,	1.4,	1.5);	(566069.6, 4152020.1,	1.6,	1.6,	1.5);
(566069.6, 4152040.1,	1.5,	1.5,	1.5);	(566069.6, 4152060.1,	1.4,	1.4,	1.5);
(566089.6, 4152040.1,	1.4,	1.4,	1.5);				

*** AERMOD - VERSION 22112 *** *** Construction HRA, Worker Receptors
 *** AERMET - VERSION 18081 *** *** 501 Industrial Road Hotel EIR
 *** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** 06/26/23
 *** 09:11:57
 *** PAGE 195

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
 LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
L0000799	565524.5 4151961.8	-4.33
L0000800	565534.5 4151951.8	-3.22
L0000800	565544.5 4151941.8	0.49
L0000800	565555.7 4151983.4	0.71
L0000801	565544.5 4151941.8	0.26
L0000801	565554.5 4151931.8	-0.85
L0000804	565595.2 4151898.0	-1.11
L0000804	565605.2 4151888.0	0.53
L0000833	565524.5 4151961.8	-4.33
L0000834	565534.5 4151951.8	-3.22
L0000834	565544.5 4151941.8	0.49
L0000834	565555.7 4151983.4	0.71
L0000835	565544.5 4151941.8	0.26
L0000835	565554.5 4151931.8	-0.85
L0000838	565595.2 4151898.0	-1.11
L0000838	565605.2 4151888.0	0.53

*** AERMOD - VERSION 22112 ***	*** Construction HRA, Worker Receptors	***	06/26/23
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR	***	09:11:57
			PAGE 196
*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data			

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

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
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
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
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
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
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
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
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1			

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

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Surface file:    ..\San Carlos Airport - 1.5 m\SanCarlos_2012-2015_2017.SFC
Profile file:    ..\San Carlos Airport - 1.5 m\SanCarlos_2012-2015_2017.PFL
Surface format:  FREE
Profile format:  FREE
Surface station no.: 23254
Upper air station no.: 23230
Name: UNKNOWN
Name: OAKLAND/WSO_AP
Year: 2012
Year: 2012

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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
12	01	01	1	01	-1.0	0.034	-9.000	-9.000	-999.	15.		3.7	0.04	0.60	1.00	1.00	114.	15.0	281.1	8.8
12	01	01	1	02	-4.8	0.085	-9.000	-9.000	-999.	59.		11.3	0.34	0.60	1.00	1.60	229.	15.0	280.2	8.8
12	01	01	1	03	-4.6	0.079	-9.000	-9.000	-999.	54.		9.9	0.34	0.60	1.00	1.50	171.	15.0	280.0	8.8
12	01	01	1	04	-1.8	0.048	-9.000	-9.000	-999.	25.		5.7	0.23	0.60	1.00	1.00	250.	15.0	278.6	8.8
12	01	01	1	05	-7.3	0.100	-9.000	-9.000	-999.	76.		12.5	0.34	0.60	1.00	1.90	191.	15.0	278.5	8.8
12	01	01	1	06	-10.5	0.121	-9.000	-9.000	-999.	102.		15.6	0.34	0.60	1.00	2.30	166.	15.0	280.2	8.8
12	01	01	1	07	-7.9	0.106	-9.000	-9.000	-999.	82.		13.6	0.34	0.60	1.00	2.00	172.	15.0	280.1	8.8
12	01	01	1	08	-3.4	0.069	-9.000	-9.000	-999.	43.		8.8	0.34	0.60	0.74	1.30	204.	15.0	279.8	8.8
12	01	01	1	09	3.3	0.084	0.112	0.014	15.	59.	-16.4	0.04	0.60	0.38	1.00	111.	15.0	281.4	8.8	
12	01	01	1	10	39.6	0.188	0.443	0.011	79.	196.	-15.3	0.34	0.60	0.26	1.30	160.	15.0	283.0	8.8	
12	01	01	1	11	67.6	0.162	0.706	0.011	189.	157.	-5.8	0.04	0.60	0.21	1.70	132.	15.0	284.8	8.8	
12	01	01	1	12	83.6	0.131	0.925	0.014	344.	114.	-2.4	0.04	0.60	0.20	1.20	122.	15.0	286.5	8.8	
12	01	01	1	13	86.8	0.153	1.016	0.020	440.	143.	-3.7	0.04	0.60	0.19	1.50	126.	15.0	288.2	8.8	
12	01	01	1	14	76.9	0.122	1.006	0.021	482.	103.	-2.2	0.04	0.60	0.20	1.10	82.	15.0	289.6	8.8	
12	01	01	1	15	54.0	0.152	0.912	0.021	510.	143.	-5.9	0.04	0.60	0.23	1.60	45.	15.0	289.9	8.8	
12	01	01	1	16	21.9	0.170	0.680	0.021	521.	169.	-20.6	0.09	0.60	0.31	1.80	344.	15.0	289.9	8.8	
12	01	01	1	17	-5.2	0.089	-9.000	-9.000	-999.	66.		12.3	0.09	0.60	0.55	2.30	317.	15.0	288.6	8.8
12	01	01	1	18	-3.8	0.070	-9.000	-9.000	-999.	44.		8.1	0.09	0.60	1.00	1.80	317.	15.0	286.9	8.8
12	01	01	1	19	-2.1	0.050	-9.000	-9.000	-999.	27.		5.6	0.09	0.60	1.00	1.30	308.	15.0	285.0	8.8
12	01	01	1	20	-8.2	0.106	-9.000	-9.000	-999.	82.		13.0	0.23	0.60	1.00	2.20	298.	15.0	284.1	8.8
12	01	01	1	21	-5.9	0.091	-9.000	-9.000	-999.	66.		11.7	0.23	0.60	1.00	1.90	295.	15.0	283.5	8.8
12	01	01	1	22	-2.8	0.063	-9.000	-9.000	-999.	38.		8.2	0.34	0.60	1.00	1.20	239.	15.0	282.6	8.8
12	01	01	1	23	-7.5	0.101	-9.000	-9.000	-999.	77.		12.4	0.23	0.60	1.00	2.10</				

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	8.8	0	-999.	-99.00	281.2	999.0	-99.00	-99.00
12	01	01	01	15.0	1	114.	1.00	-999.0	41.5	-99.00	0.56

F indicates top of profile (=1) or below (=0)

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*** MODELOPTs:      NonDEFAULT  CONC  FLAT and  ELEV  FLGPOL  URBAN  SigA Data
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

* *

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565514.46	4151901.81	2.99146	565514.46	4151911.81	3.00742
565524.46	4151891.81	3.39776	565524.46	4151901.81	3.45080
565524.46	4151911.81	3.46971	565524.46	4151921.81	3.44920
565524.46	4151951.81	3.18654	565524.46	4151961.81	3.05625
565534.46	4151891.81	3.95611	565534.46	4151901.81	4.02426
565534.46	4151911.81	4.04935	565534.46	4151921.81	4.02282
565534.46	4151931.81	3.94603	565534.46	4151941.81	3.82397
565534.46	4151951.81	3.66613	565544.46	4151901.81	4.75148
565544.46	4151911.81	4.78819	565544.46	4151921.81	4.75081
565544.46	4151931.81	4.64313	565544.46	4151941.81	4.47539
565554.46	4151911.81	5.75832	565554.46	4151921.81	5.70471
565554.46	4151931.81	5.55009	565565.17	4151867.97	5.87602
565565.17	4151877.97	6.31117	565575.17	4151867.97	6.94496
565575.17	4151877.97	7.59451	565575.17	4151887.97	8.20097
565585.17	4151867.97	8.26809	565585.17	4151877.97	9.24487
565585.17	4151887.97	10.21211	565585.17	4151897.97	11.04128
565595.17	4151877.97	11.43292	565595.17	4151887.97	12.96709
565595.17	4151897.97	14.43353	565605.17	4151887.97	16.67421
565708.98	4151856.56	38.93906	565723.98	4151841.56	20.53466
565723.98	4151856.56	29.26362	565723.98	4151871.56	41.60702
565742.25	4151831.46	13.38433	565738.98	4151841.56	16.74808
565738.98	4151856.56	22.30112	565753.98	4151826.56	10.77195
565753.98	4151841.56	13.55453	565753.98	4151856.56	17.11821
565760.66	4151929.92	32.50551	565768.98	4151811.56	7.49469
565768.98	4151826.56	9.04189	565768.98	4151841.56	10.97489
565768.98	4151856.56	13.29131	565768.98	4151871.56	15.90134
565768.98	4151916.56	23.44658	565768.98	4151931.56	25.74566
565770.89	4151942.20	25.70858	565783.98	4151811.56	6.43704
565783.98	4151826.56	7.57131	565783.98	4151841.56	8.92425
565783.98	4151856.56	10.46026	565783.98	4151871.56	12.10064
565783.98	4151886.56	13.72524	565783.98	4151901.56	15.14024
565783.98	4151916.56	16.15129	565783.98	4151931.56	16.69741
565783.98	4151946.56	16.23160	565798.98	4151826.56	6.36599
565798.98	4151841.56	7.31469	565798.98	4151856.56	8.35037
565798.98	4151871.56	9.40703	565798.98	4151886.56	10.39408
565798.98	4151901.56	11.16495	565798.98	4151916.56	11.57051
565798.98	4151931.56	11.50644	565813.98	4151871.56	7.47218

565813.98	4151886.56	8.08866	565813.98	4151901.56	8.52239	
565813.98	4151916.56	8.67564	565813.98	4151931.56	8.47912	
565828.98	4151886.56	6.45618	565828.98	4151901.56	6.71450	
*** AERMOD - VERSION 22112 ***	*** Construction HRA, Worker Receptors				***	06/26/23
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR				***	09:11:57
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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITEEX ***
 INCLUDING SOURCE(S): PAREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565828.98	4151916.56	6.76604	565828.03	4151929.51	6.70807
565843.98	4151886.56	5.27403	565843.98	4151901.56	5.43368
565843.98	4151916.56	5.44146	565858.98	4151886.56	4.38221
565858.98	4151901.56	4.48961	565858.98	4151916.56	4.48000
565495.72	4152043.37	1.58654	565515.72	4152023.37	2.06384
565515.72	4152043.37	1.87054	565515.72	4152063.37	1.68752
565535.72	4152003.37	2.81111	565535.72	4152023.37	2.48806
565535.72	4152043.37	2.19207	565535.72	4152063.37	1.92346
565535.72	4152083.37	1.68148	565555.72	4151983.37	4.09139
565555.72	4152003.37	3.49774	565555.72	4152023.37	2.98868
565555.72	4152043.37	2.54304	565555.72	4152063.37	2.16091
565555.72	4152083.37	1.83707	565555.72	4152103.37	1.56596
565575.72	4151983.37	5.33098	565575.72	4152003.37	4.33474
565575.72	4152023.37	3.52767	565575.72	4152043.37	2.88910
565575.72	4152063.37	2.38087	565575.72	4152083.37	1.97520
565575.72	4152103.37	1.65027	565575.72	4152123.37	1.38931
565595.72	4152003.37	5.27068	565595.72	4152023.37	4.07894
565595.72	4152043.37	3.21823	565595.72	4152063.37	2.57762
565595.72	4152083.37	2.08724	565615.72	4152023.37	4.59791
565615.72	4152043.37	3.49549	565909.59	4152060.11	0.85000
565909.59	4152080.11	0.71270	565909.59	4152100.11	0.61319
565909.59	4152120.11	0.54065	565909.59	4152140.11	0.48617
565909.59	4152160.11	0.44378	565909.59	4152180.11	0.40948
565909.59	4152200.11	0.38050	565909.59	4152220.11	0.35527
565909.59	4152240.11	0.33351	565929.59	4152040.11	0.95475
565929.59	4152060.11	0.78914	565929.59	4152080.11	0.66321
565929.59	4152100.11	0.56967	565929.59	4152120.11	0.50103
565929.59	4152140.11	0.44896	565929.59	4152160.11	0.40860
565929.59	4152180.11	0.37661	565929.59	4152200.11	0.35024
565929.59	4152220.11	0.32779	565949.59	4152000.11	1.25302
565949.59	4152020.11	1.05691	565949.59	4152040.11	0.88017
565949.59	4152060.11	0.73503	565949.59	4152080.11	0.62141
565949.59	4152100.11	0.53448	565949.59	4152120.11	0.46840
565949.59	4152140.11	0.41773	565949.59	4152160.11	0.37860

565949.59	4152180.11	0.34791	565949.59	4152200.11	0.32387
565969.59	4151980.11	1.27873	565969.59	4152000.11	1.12304
565969.59	4152020.11	0.96505	565969.59	4152040.11	0.81763
565969.59	4152060.11	0.68928	565969.59	4152080.11	0.58596
565969.59	4152100.11	0.50462	565969.59	4152120.11	0.44077
565969.59	4152140.11	0.39225	565969.59	4152160.11	0.35514

*** AERMOD - VERSION 22112 *** *** Construction HRA, Worker Receptors

*** AERMET - VERSION 18081 *** *** 501 Industrial Road Hotel EIR

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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITEEX ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565969.59	4152180.11	0.32596	565989.59	4151960.11	1.24992
565989.59	4151980.11	1.13717	565989.59	4152000.11	1.01058
565989.59	4152020.11	0.88102	565989.59	4152040.11	0.75809
565989.59	4152060.11	0.64775	565989.59	4152080.11	0.55450
565989.59	4152100.11	0.47849	565989.59	4152120.11	0.41824
565989.59	4152140.11	0.37127	565989.59	4152160.11	0.33476
566009.59	4151960.11	1.10834	566009.59	4151980.11	1.01714
566009.59	4152000.11	0.91339	566009.59	4152020.11	0.80602
566009.59	4152040.11	0.70261	566009.59	4152060.11	0.60866
566009.59	4152080.11	0.52574	566009.59	4152100.11	0.45563
566009.59	4152120.11	0.39857	566009.59	4152140.11	0.35351
566029.59	4151980.11	0.91466	566029.59	4152000.11	0.82910
566029.59	4152020.11	0.73946	566029.59	4152040.11	0.65177
566029.59	4152060.11	0.57120	566029.59	4152080.11	0.49821
566029.59	4152100.11	0.43461	566029.59	4152120.11	0.38105
566049.59	4152000.11	0.75555	566049.59	4152020.11	0.68020
566049.59	4152040.11	0.60553	566049.59	4152060.11	0.53556
566049.59	4152080.11	0.47109	566069.59	4152020.11	0.62786
566069.59	4152040.11	0.56403	566069.59	4152060.11	0.50261
566089.59	4152040.11	0.52585			

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*** AERMOT - VERSION 22112 *** *** Construction HRA, Worker Receptors *** 06/26/23
*** AERMET - VERSION 18081 *** *** 501 Industrial Road Hotel EIR *** 09:11:57
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*** MODELOPTs:   NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

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*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL DPM ***									
INCLUDING SOURCE(S):		L0000789	L0000790	L0000791	L0000792	L0000793	L0000794	L0000795	L0000796
L0000794	, L0000795	, L0000796	, L0000797	, L0000798	, L0000799	, L0000800	, L0000801	, L0000802	, L0000803
L0000802	, L0000803	, L0000804	, L0000805	, L0000806	, L0000807	, L0000808	, L0000809	, L0000810	, L0000811
L0000810	, L0000811	, L0000812	, L0000813	, L0000814	, L0000815	, L0000816	, L0000817	, L0000818	, L0000819

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565514.46	4151901.81	7.12685	565514.46	4151911.81	6.80803
565524.46	4151891.81	9.52083	565524.46	4151901.81	8.45942
565524.46	4151911.81	7.96045	565524.46	4151921.81	7.88282
565524.46	4151951.81	10.31105	565524.46	4151961.81	9.14020
565534.46	4151891.81	12.04035	565534.46	4151901.81	10.27803
565534.46	4151911.81	9.47671	565534.46	4151921.81	9.31732
565534.46	4151931.81	9.73178	565534.46	4151941.81	10.79145
565534.46	4151951.81	9.52173	565544.46	4151901.81	12.90064
565544.46	4151911.81	11.53109	565544.46	4151921.81	11.20352
565544.46	4151931.81	11.74869	565544.46	4151941.81	8.32922
565554.46	4151911.81	14.48275	565554.46	4151921.81	13.79549
565554.46	4151931.81	11.87566	565565.17	4151867.97	10.42396
565565.17	4151877.97	12.93175	565575.17	4151867.97	9.53913
565575.17	4151877.97	11.52657	565575.17	4151887.97	14.44108
565585.17	4151867.97	9.11572	565585.17	4151877.97	10.90355
565585.17	4151887.97	13.38951	565585.17	4151897.97	17.04846
565595.17	4151877.97	10.89820	565595.17	4151887.97	13.36918
565595.17	4151897.97	14.12720	565605.17	4151887.97	11.81111
565708.98	4151856.56	7.12608	565723.98	4151841.56	7.20324
565723.98	4151856.56	5.41290	565723.98	4151871.56	4.44024
565742.25	4151831.46	6.14880	565738.98	4151841.56	5.39647
565738.98	4151856.56	4.33211	565753.98	4151826.56	5.42815
565753.98	4151841.56	4.28016	565753.98	4151856.56	3.58809
565760.66	4151929.92	2.36548	565768.98	4151811.56	5.51836
565768.98	4151826.56	4.26757	565768.98	4151841.56	3.52412
565768.98	4151856.56	3.04864	565768.98	4151871.56	2.73204
565768.98	4151916.56	2.27848	565768.98	4151931.56	2.21986
565770.89	4151942.20	2.16724	565783.98	4151811.56	4.29235
565783.98	4151826.56	3.48805	565783.98	4151841.56	2.97892
565783.98	4151856.56	2.63754	565783.98	4151871.56	2.40141
565783.98	4151886.56	2.23702	565783.98	4151901.56	2.12299
565783.98	4151916.56	2.04585	565783.98	4151931.56	1.99752
565783.98	4151946.56	1.97311	565798.98	4151826.56	2.93490
565798.98	4151841.56	2.56759	565798.98	4151856.56	2.31284

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565828.98	4151916.56	1.52860	565828.03	4151929.51	1.51000
565843.98	4151886.56	1.48992	565843.98	4151901.56	1.43694
565843.98	4151916.56	1.39818	565858.98	4151886.56	1.36024
565858.98	4151901.56	1.31603	565858.98	4151916.56	1.28276
565495.72	4152043.37	6.16932	565515.72	4152023.37	6.90094
565515.72	4152043.37	4.62265	565515.72	4152063.37	3.42684
565535.72	4152003.37	7.90203	565535.72	4152023.37	5.24283
565535.72	4152043.37	3.86916	565535.72	4152063.37	3.03253
565535.72	4152083.37	2.46148	565555.72	4151983.37	7.89810
565555.72	4152003.37	6.17288	565555.72	4152023.37	4.55584
565555.72	4152043.37	3.55976	565555.72	4152063.37	2.88240
565555.72	4152083.37	2.38805	565555.72	4152103.37	2.00871
565575.72	4151983.37	7.82430	565575.72	4152003.37	5.71721
565575.72	4152023.37	4.41969	565575.72	4152043.37	3.54957
565575.72	4152063.37	2.92323	565575.72	4152083.37	2.44988
565575.72	4152103.37	2.07777	565575.72	4152123.37	1.77637
565595.72	4152003.37	6.20834	565595.72	4152023.37	4.81716
565595.72	4152043.37	3.86935	565595.72	4152063.37	3.18222
565595.72	4152083.37	2.65750	565615.72	4152023.37	5.99598
565615.72	4152043.37	4.65318	565909.59	4152060.11	0.92058
565909.59	4152080.11	0.92602	565909.59	4152100.11	0.93271
565909.59	4152120.11	0.93942	565909.59	4152140.11	0.94433
565909.59	4152160.11	0.94501	565909.59	4152180.11	0.93817
565909.59	4152200.11	0.91923	565909.59	4152220.11	0.88129
565909.59	4152240.11	0.81536	565929.59	4152040.11	0.81562
565929.59	4152060.11	0.81337	565929.59	4152080.11	0.81226
565929.59	4152100.11	0.81148	565929.59	4152120.11	0.81000
565929.59	4152140.11	0.80630	565929.59	4152160.11	0.79867

565929.59	4152180.11	0.78493	565929.59	4152200.11	0.76196
565929.59	4152220.11	0.72561	565949.59	4152000.11	0.74459
565949.59	4152020.11	0.73676	565949.59	4152040.11	0.72990
565949.59	4152060.11	0.72434	565949.59	4152080.11	0.71953
565949.59	4152100.11	0.71458	565949.59	4152120.11	0.70856
565949.59	4152140.11	0.70033	565949.59	4152160.11	0.68876
565949.59	4152180.11	0.67232	565949.59	4152200.11	0.64900
565969.59	4151980.11	0.68349	565969.59	4152000.11	0.67470
565969.59	4152020.11	0.66626	565969.59	4152040.11	0.65835
565969.59	4152060.11	0.65064	565969.59	4152080.11	0.64344
565969.59	4152100.11	0.63600	565969.59	4152120.11	0.62730
565969.59	4152140.11	0.61701	565969.59	4152160.11	0.60399
*** AERMOD - VERSION 22112 ***	*** Construction HRA, Worker Receptors		***	06/26/23	
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR		***	09:11:57	
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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL_DPM ***

INCLUDING SOURCE(S): L0000789 , L0000790 , L0000791 , L0000792 , L0000793 ,

L0000794 , L0000795 , L0000796 , L0000797 , L0000798 , L0000799 , L0000800 , L0000801 ,

L0000802 , L0000803 , L0000804 , L0000805 , L0000806 , L0000807 , L0000808 , L0000809 ,

L0000810 , L0000811 , L0000812 , L0000813 , L0000814 , L0000815 , L0000816 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565969.59	4152180.11	0.58685	565989.59	4151960.11	0.63319
565989.59	4151980.11	0.62325	565989.59	4152000.11	0.61398
565989.59	4152020.11	0.60524	565989.59	4152040.11	0.59689
565989.59	4152060.11	0.58857	565989.59	4152080.11	0.58014
565989.59	4152100.11	0.57122	565989.59	4152120.11	0.56137
565989.59	4152140.11	0.55001	565989.59	4152160.11	0.53637
566009.59	4151960.11	0.57983	566009.59	4151980.11	0.57031
566009.59	4152000.11	0.56113	566009.59	4152020.11	0.55241
566009.59	4152040.11	0.54393	566009.59	4152060.11	0.53546
566009.59	4152080.11	0.52662	566009.59	4152100.11	0.51713
566009.59	4152120.11	0.50669	566009.59	4152140.11	0.49502
566029.59	4151980.11	0.52367	566029.59	4152000.11	0.51493
566029.59	4152020.11	0.50645	566029.59	4152040.11	0.49805
566029.59	4152060.11	0.48951	566029.59	4152080.11	0.48059
566029.59	4152100.11	0.47108	566029.59	4152120.11	0.46065
566049.59	4152000.11	0.47432	566049.59	4152020.11	0.46619
566049.59	4152040.11	0.45803	566049.59	4152060.11	0.44962
566049.59	4152080.11	0.44082	566069.59	4152020.11	0.43075
566069.59	4152040.11	0.42287	566069.59	4152060.11	0.41473
566089.59	4152040.11	0.39178			

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*** AERMOD - VERSION 22112 *** *** Construction HRA, Worker Receptors *** 06/26/23
*** AERMET - VERSION 18081 *** *** 501 Industrial Road Hotel EIR *** 09:11:57
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*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HAUL_PM ***
      INCLUDING SOURCE(S):      L0000823      , L0000824      , L0000825      , L0000826      , L0000827      ,
L0000829      , L0000830      , L0000831      , L0000832      , L0000833      , L0000834      , L0000835      ,
L0000837      , L0000838      , L0000839      , L0000840      , L0000841      , L0000842      , L0000843      ,
L0000845      , L0000846      , L0000847      , L0000848      , L0000849      , L0000850      , . . .

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

565798.98	4151871.56	2.12958	565798.98	4151886.56	2.00097
565798.98	4151901.56	1.90936	565798.98	4151916.56	1.84506
565798.98	4151931.56	1.80272	565813.98	4151871.56	1.90747
565813.98	4151886.56	1.80524	565813.98	4151901.56	1.73057
565813.98	4151916.56	1.67714	565813.98	4151931.56	1.64090
565828.98	4151886.56	1.63749	565828.98	4151901.56	1.57574

*** AERMOD - VERSION 22112 *** *** Construction HRA, Worker Receptors

*** AERMET - VERSION 18081 *** *** 501 Industrial Road Hotel EIR

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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL_PM ***

INCLUDING SOURCE(S): L0000823 , L0000824 , L0000825 , L0000826 , L0000827 ,

L0000828 , L0000829 , L0000830 , L0000831 , L0000832 , L0000833 , L0000834 , L0000835 ,

L0000836 , L0000837 , L0000838 , L0000839 , L0000840 , L0000841 , L0000842 , L0000843 ,

L0000844 , L0000845 , L0000846 , L0000847 , L0000848 , L0000849 , L0000850 , . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565828.98	4151916.56	1.53055	565828.03	4151929.51	1.51118
565843.98	4151886.56	1.49250	565843.98	4151901.56	1.44028
565843.98	4151916.56	1.40156	565858.98	4151886.56	1.36419
565858.98	4151901.56	1.32029	565858.98	4151916.56	1.28696
565495.72	4152043.37	6.65125	565515.72	4152023.37	7.51462
565515.72	4152043.37	4.75939	565515.72	4152063.37	3.45818
565535.72	4152003.37	8.68707	565535.72	4152023.37	5.42404
565535.72	4152043.37	3.91507	565535.72	4152063.37	3.04630
565535.72	4152083.37	2.46670	565555.72	4151983.37	8.49587
565555.72	4152003.37	6.42851	565555.72	4152023.37	4.62867
565555.72	4152043.37	3.58742	565555.72	4152063.37	2.89700
565555.72	4152083.37	2.39689	565555.72	4152103.37	2.01340
565575.72	4151983.37	8.24659	565575.72	4152003.37	5.85801
565575.72	4152023.37	4.48341	565575.72	4152043.37	3.58615
565575.72	4152063.37	2.94708	565575.72	4152083.37	2.46537
565575.72	4152103.37	2.08656	565575.72	4152123.37	1.77934
565595.72	4152003.37	6.40620	565595.72	4152023.37	4.92595
565595.72	4152043.37	3.93725	565595.72	4152063.37	3.22895
565595.72	4152083.37	2.68933	565615.72	4152023.37	6.26237
565615.72	4152043.37	4.80928	565909.59	4152060.11	0.90922
565909.59	4152080.11	0.91173	565909.59	4152100.11	0.91565
565909.59	4152120.11	0.91999	565909.59	4152140.11	0.92309
565909.59	4152160.11	0.92253	565909.59	4152180.11	0.91496
565909.59	4152200.11	0.89601	565909.59	4152220.11	0.85957
565909.59	4152240.11	0.79768	565929.59	4152040.11	0.80661
565929.59	4152060.11	0.80247	565929.59	4152080.11	0.79972
565929.59	4152100.11	0.79766	565929.59	4152120.11	0.79532
565929.59	4152140.11	0.79118	565929.59	4152160.11	0.78316

565929.59	4152180.11	0.76911	565929.59	4152200.11	0.74627
565929.59	4152220.11	0.71104	565949.59	4152000.11	0.73895
565949.59	4152020.11	0.72982	565949.59	4152040.11	0.72178
565949.59	4152060.11	0.71531	565949.59	4152080.11	0.70977
565949.59	4152100.11	0.70434	565949.59	4152120.11	0.69811
565949.59	4152140.11	0.68969	565949.59	4152160.11	0.67783
565949.59	4152180.11	0.66117	565949.59	4152200.11	0.63835
565969.59	4151980.11	0.67887	565969.59	4152000.11	0.66943
565969.59	4152020.11	0.66037	565969.59	4152040.11	0.65192
565969.59	4152060.11	0.64381	565969.59	4152080.11	0.63638
565969.59	4152100.11	0.62878	565969.59	4152120.11	0.61991
565969.59	4152140.11	0.60943	565969.59	4152160.11	0.59629
*** AERMOD - VERSION 22112 ***	*** Construction HRA, Worker Receptors		***		06/26/23
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR		***		09:11:57
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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL_PM ***

INCLUDING SOURCE(S):		L0000823	L0000824	L0000825	L0000826	L0000827
L0000828	, L0000829	, L0000830	, L0000831	, L0000832	, L0000833	, L0000834
L0000836	, L0000837	, L0000838	, L0000839	, L0000840	, L0000841	, L0000842
L0000844	, L0000845	, L0000846	, L0000847	, L0000848	, L0000849	, L0000850
						, . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565969.59	4152180.11	0.57929	565989.59	4151960.11	0.62937
565989.59	4151980.11	0.61913	565989.59	4152000.11	0.60964
565989.59	4152020.11	0.60073	565989.59	4152040.11	0.59226
565989.59	4152060.11	0.58384	565989.59	4152080.11	0.57530
565989.59	4152100.11	0.56621	565989.59	4152120.11	0.55612
565989.59	4152140.11	0.54451	565989.59	4152160.11	0.53074
566009.59	4151960.11	0.57652	566009.59	4151980.11	0.56702
566009.59	4152000.11	0.55790	566009.59	4152020.11	0.54925
566009.59	4152040.11	0.54084	566009.59	4152060.11	0.53238
566009.59	4152080.11	0.52342	566009.59	4152100.11	0.51368
566009.59	4152120.11	0.50292	566009.59	4152140.11	0.49098
566029.59	4151980.11	0.52127	566029.59	4152000.11	0.51273
566029.59	4152020.11	0.50442	566029.59	4152040.11	0.49614
566029.59	4152060.11	0.48762	566029.59	4152080.11	0.47855
566029.59	4152100.11	0.46873	566029.59	4152120.11	0.45793
566049.59	4152000.11	0.47299	566049.59	4152020.11	0.46504
566049.59	4152040.11	0.45697	566049.59	4152060.11	0.44854
566049.59	4152080.11	0.43954	566069.59	4152020.11	0.43027
566069.59	4152040.11	0.42244	566069.59	4152060.11	0.41420
566089.59	4152040.11	0.39178			

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*** AERMOD - VERSION 22112 *** *** Construction HRA, Worker Receptors *** 06/26/23
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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITEPM ***
INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565514.46	4151901.81	2.94278	565514.46	4151911.81	2.96708
565524.46	4151891.81	3.32040	565524.46	4151901.81	3.38481
565524.46	4151911.81	3.41365	565524.46	4151921.81	3.39430
565524.46	4151951.81	3.09026	565524.46	4151961.81	2.94795
565534.46	4151891.81	3.85983	565534.46	4151901.81	3.93804
565534.46	4151911.81	3.97371	565534.46	4151921.81	3.94932
565534.46	4151931.81	3.86245	565534.46	4151941.81	3.72392
565534.46	4151951.81	3.55047	565544.46	4151901.81	4.64270
565544.46	4151911.81	4.69024	565544.46	4151921.81	4.65651
565544.46	4151931.81	4.53851	565544.46	4151941.81	4.35302
565554.46	4151911.81	5.63715	565554.46	4151921.81	5.58920
565554.46	4151931.81	5.42331	565565.17	4151867.97	5.78374
565565.17	4151877.97	6.20982	565575.17	4151867.97	6.84600
565575.17	4151877.97	7.50567	565575.17	4151887.97	8.10892
565585.17	4151867.97	8.16377	565585.17	4151877.97	9.18074
565585.17	4151887.97	10.19438	565585.17	4151897.97	11.06842
565595.17	4151877.97	11.41871	565595.17	4151887.97	13.11059
565595.17	4151897.97	14.81539	565605.17	4151887.97	17.21896
565708.98	4151856.56	48.88732	565723.98	4151841.56	22.20497
565723.98	4151856.56	33.14702	565723.98	4151871.56	50.83148
565742.25	4151831.46	14.00177	565738.98	4151841.56	17.75449
565738.98	4151856.56	24.15166	565753.98	4151826.56	11.15627
565753.98	4151841.56	14.17176	565753.98	4151856.56	18.11121
565760.66	4151929.92	39.79075	565768.98	4151811.56	7.64196
565768.98	4151826.56	9.27328	565768.98	4151841.56	11.33118
565768.98	4151856.56	13.83471	565768.98	4151871.56	16.72457
565768.98	4151916.56	25.70500	565768.98	4151931.56	29.98919
565770.89	4151942.20	32.24524	565783.98	4151811.56	6.50327
565783.98	4151826.56	7.69094	565783.98	4151841.56	9.12149
565783.98	4151856.56	10.77175	565783.98	4151871.56	12.56175
565783.98	4151886.56	14.35223	565783.98	4151901.56	15.94078
565783.98	4151916.56	17.16151	565783.98	4151931.56	18.06345
565783.98	4151946.56	18.13040	565798.98	4151826.56	6.41391
565798.98	4151841.56	7.42193	565798.98	4151856.56	8.53683
565798.98	4151871.56	9.68625	565798.98	4151886.56	10.76582
565798.98	4151901.56	11.61902	565798.98	4151916.56	12.09355
565798.98	4151931.56	12.05796	565813.98	4151871.56	7.66148

565813.98	4151886.56	8.34480	565813.98	4151901.56	8.83084	
565813.98	4151916.56	9.00683	565813.98	4151931.56	8.78264	
565828.98	4151886.56	6.65964	565828.98	4151901.56	6.95222	
*** AERMOD - VERSION 22112 ***	*** Construction HRA, Worker Receptors				***	06/26/23
*** AERMET - VERSION 18081 ***	*** 501 Industrial Road Hotel EIR				***	09:11:57
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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITEPM ***
 INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565828.98	4151916.56	7.00839	565828.03	4151929.51	6.92811
565843.98	4151886.56	5.44466	565843.98	4151901.56	5.62600
565843.98	4151916.56	5.63172	565858.98	4151886.56	4.53019
565858.98	4151901.56	4.64982	565858.98	4151916.56	4.63605
565495.72	4152043.37	1.53313	565515.72	4152023.37	1.99628
565515.72	4152043.37	1.83595	565515.72	4152063.37	1.68233
565535.72	4152003.37	2.72422	565535.72	4152023.37	2.45018
565535.72	4152043.37	2.19224	565535.72	4152063.37	1.94619
565535.72	4152083.37	1.71380	565555.72	4151983.37	3.98509
565555.72	4152003.37	3.46090	565555.72	4152023.37	2.99749
565555.72	4152043.37	2.57521	565555.72	4152063.37	2.20174
565555.72	4152083.37	1.87811	565555.72	4152103.37	1.60384
565575.72	4151983.37	5.32750	565575.72	4152003.37	4.36417
565575.72	4152023.37	3.57344	565575.72	4152043.37	2.93940
565575.72	4152063.37	2.42911	565575.72	4152083.37	2.01747
565575.72	4152103.37	1.68539	565575.72	4152123.37	1.41635
565595.72	4152003.37	5.34546	565595.72	4152023.37	4.14610
565595.72	4152043.37	3.27706	565595.72	4152063.37	2.62683
565595.72	4152083.37	2.12699	565615.72	4152023.37	4.68965
565615.72	4152043.37	3.56505	565909.59	4152060.11	0.75339
565909.59	4152080.11	0.62718	565909.59	4152100.11	0.54381
565909.59	4152120.11	0.48638	565909.59	4152140.11	0.44370
565909.59	4152160.11	0.40975	565909.59	4152180.11	0.38141
565909.59	4152200.11	0.35686	565909.59	4152220.11	0.33507
565909.59	4152240.11	0.31591	565929.59	4152040.11	0.87896
565929.59	4152060.11	0.70640	565929.59	4152080.11	0.58495
565929.59	4152100.11	0.50307	565929.59	4152120.11	0.44735
565929.59	4152140.11	0.40665	565929.59	4152160.11	0.37491
565929.59	4152180.11	0.34891	565929.59	4152200.11	0.32678
565929.59	4152220.11	0.30747	565949.59	4152000.11	1.23150
565949.59	4152020.11	1.01462	565949.59	4152040.11	0.82125
565949.59	4152060.11	0.66604	565949.59	4152080.11	0.55130
565949.59	4152100.11	0.47112	565949.59	4152120.11	0.41576
565949.59	4152140.11	0.37600	565949.59	4152160.11	0.34571

565949.59	4152180.11	0.32133	565949.59	4152200.11	0.30124
565969.59	4151980.11	1.28299	565969.59	4152000.11	1.10925
565969.59	4152020.11	0.93414	565969.59	4152040.11	0.77140
565969.59	4152060.11	0.63217	565969.59	4152080.11	0.52419
565969.59	4152100.11	0.44547	565969.59	4152120.11	0.38975
565969.59	4152140.11	0.35078	565969.59	4152160.11	0.32203

*** AERMOD - VERSION 22112 *** *** Construction HRA, Worker Receptors

*** AERMET - VERSION 18081 *** *** 501 Industrial Road Hotel EIR

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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ONSITEPM ***
INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
565969.59	4152180.11	0.29921	565989.59	4151960.11	1.27138
565989.59	4151980.11	1.14296	565989.59	4152000.11	1.00213
565989.59	4152020.11	0.85905	565989.59	4152040.11	0.72271
565989.59	4152060.11	0.60114	565989.59	4152080.11	0.50111
565989.59	4152100.11	0.42444	565989.59	4152120.11	0.36905
565989.59	4152140.11	0.32991	565989.59	4152160.11	0.30154
566009.59	4151960.11	1.12772	566009.59	4151980.11	1.02359
566009.59	4152000.11	0.90850	566009.59	4152020.11	0.79065
566009.59	4152040.11	0.67613	566009.59	4152060.11	0.57125
566009.59	4152080.11	0.48040	566009.59	4152100.11	0.40715
566009.59	4152120.11	0.35204	566009.59	4152140.11	0.31263
566029.59	4151980.11	0.92116	566029.59	4152000.11	0.82650
566029.59	4152020.11	0.72879	566029.59	4152040.11	0.63226
566029.59	4152060.11	0.54182	566029.59	4152080.11	0.46054
566029.59	4152100.11	0.39204	566029.59	4152120.11	0.33800
566049.59	4152000.11	0.75439	566049.59	4152020.11	0.67283
566049.59	4152040.11	0.59128	566049.59	4152060.11	0.51301
566049.59	4152080.11	0.44062	566069.59	4152020.11	0.62270
566069.59	4152040.11	0.55354	566069.59	4152060.11	0.48549
566089.59	4152040.11	0.51819			

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*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS ***

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

* *

													NETWORK
GROUP ID		AVERAGE CONC						RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)				OF TYPE	GRID-ID
ONSITEEX	1ST HIGHEST VALUE IS	41.60702 AT (	565723.98,	4151871.56,	2.89,	2.89,	1.50)	DC					
	2ND HIGHEST VALUE IS	38.93906 AT (	565708.98,	4151856.56,	2.95,	2.95,	1.50)	DC					
	3RD HIGHEST VALUE IS	32.50551 AT (	565760.66,	4151929.92,	2.67,	2.67,	1.50)	DC					
	4TH HIGHEST VALUE IS	29.26362 AT (	565723.98,	4151856.56,	2.95,	2.95,	1.50)	DC					
	5TH HIGHEST VALUE IS	25.74566 AT (	565768.98,	4151931.56,	2.59,	2.59,	1.50)	DC					
	6TH HIGHEST VALUE IS	25.70858 AT (	565770.89,	4151942.20,	2.56,	2.56,	1.50)	DC					
	7TH HIGHEST VALUE IS	23.44658 AT (	565768.98,	4151916.56,	2.58,	2.58,	1.50)	DC					
	8TH HIGHEST VALUE IS	22.30112 AT (	565738.98,	4151856.56,	2.91,	2.91,	1.50)	DC					
	9TH HIGHEST VALUE IS	20.53466 AT (	565723.98,	4151841.56,	2.92,	2.92,	1.50)	DC					
	10TH HIGHEST VALUE IS	17.11821 AT (	565753.98,	4151856.56,	2.85,	2.85,	1.50)	DC					
HAUL_DPM	1ST HIGHEST VALUE IS	17.04846 AT (	565585.17,	4151897.97,	3.26,	172.00,	1.50)	DC					
	2ND HIGHEST VALUE IS	14.48275 AT (	565554.46,	4151911.81,	2.76,	172.00,	1.50)	DC					
	3RD HIGHEST VALUE IS	14.44108 AT (	565575.17,	4151887.97,	3.26,	172.00,	1.50)	DC					
	4TH HIGHEST VALUE IS	14.12720 AT (	565595.17,	4151897.97,	3.26,	172.00,	1.50)	DC					
	5TH HIGHEST VALUE IS	13.79549 AT (	565554.46,	4151921.81,	2.75,	172.00,	1.50)	DC					
	6TH HIGHEST VALUE IS	13.38951 AT (	565585.17,	4151887.97,	3.36,	172.00,	1.50)	DC					
	7TH HIGHEST VALUE IS	13.36918 AT (	565595.17,	4151887.97,	3.28,	172.00,	1.50)	DC					
	8TH HIGHEST VALUE IS	12.93175 AT (	565565.17,	4151877.97,	3.23,	172.00,	1.50)	DC					
	9TH HIGHEST VALUE IS	12.90064 AT (	565544.46,	4151901.81,	2.89,	172.00,	1.50)	DC					
	10TH HIGHEST VALUE IS	12.04035 AT (	565534.46,	4151891.81,	2.96,	172.00,	1.50)	DC					
HAUL_PM	1ST HIGHEST VALUE IS	19.38844 AT (	565585.17,	4151897.97,	3.26,	172.00,	1.50)	DC					
	2ND HIGHEST VALUE IS	16.30523 AT (	565554.46,	4151911.81,	2.76,	172.00,	1.50)	DC					
	3RD HIGHEST VALUE IS	16.26066 AT (	565575.17,	4151887.97,	3.26,	172.00,	1.50)	DC					
	4TH HIGHEST VALUE IS	15.47842 AT (	565595.17,	4151897.97,	3.26,	172.00,	1.50)	DC					
	5TH HIGHEST VALUE IS	15.15665 AT (	565554.46,	4151921.81,	2.75,	172.00,	1.50)	DC					
	6TH HIGHEST VALUE IS	14.64425 AT (	565544.46,	4151901.81,	2.89,	172.00,	1.50)	DC					
	7TH HIGHEST VALUE IS	14.54252 AT (	565565.17,	4151877.97,	3.23,	172.00,	1.50)	DC					
	8TH HIGHEST VALUE IS	14.48873 AT (	565585.17,	4151887.97,	3.36,	172.00,	1.50)	DC					
	9TH HIGHEST VALUE IS	14.28974 AT (	565595.17,	4151887.97,	3.28,	172.00,	1.50)	DC					
	10TH HIGHEST VALUE IS	13.79085 AT (	565534.46,	4151891.81,	2.96,	172.00,	1.50)	DC					
ONSITEPM	1ST HIGHEST VALUE IS	50.83148 AT (	565723.98,	4151871.56,	2.89,	2.89,	1.50)	DC					
	2ND HIGHEST VALUE IS	48.88732 AT (	565708.98,	4151856.56,	2.95,	2.95,	1.50)	DC					
	3RD HIGHEST VALUE IS	39.79075 AT (	565760.66,	4151929.92,	2.67,	2.67,	1.50)	DC					
	4TH HIGHEST VALUE IS	33.14702 AT (	565723.98,	4151856.56,	2.95,	2.95,	1.50)	DC					
	5TH HIGHEST VALUE IS	32.50551 AT (	565760.66,	4151929.92,	2.67,	2.67,	1.50)	DC					

5TH HIGHEST VALUE IS	32.24524	AT (	565770.89,	4151942.20,	2.56,	2.56,	1.50)	DC
6TH HIGHEST VALUE IS	29.98919	AT (	565768.98,	4151931.56,	2.59,	2.59,	1.50)	DC
7TH HIGHEST VALUE IS	25.70500	AT (	565768.98,	4151916.56,	2.58,	2.58,	1.50)	DC
8TH HIGHEST VALUE IS	24.15166	AT (	565738.98,	4151856.56,	2.91,	2.91,	1.50)	DC
9TH HIGHEST VALUE IS	22.20497	AT (	565723.98,	4151841.56,	2.92,	2.92,	1.50)	DC
10TH HIGHEST VALUE IS	18.13040	AT (	565783.98,	4151946.56,	2.32,	2.32,	1.50)	DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 22112 *** *** Construction HRA, Worker Receptors
*** AERMET - VERSION 18081 *** *** 501 Industrial Road Hotel EIR

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*** MODELOPTs: NonDEFAULT CONC FLAT and ELEV FLGPOL URBAN SigA Data

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

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

A Total of 0 Fatal Error Message(s)
A Total of 4 Warning Message(s)
A Total of 1847 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 106 Calm Hours Identified

A Total of 1741 Missing Hours Identified (3.97 Percent)

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

***** WARNING MESSAGES *****
MX W403 2738 PFLCNV: Turbulence data is being used w/o ADJ_U* option SigA Data
MX W403 1 PFLCNV: Turbulence data is being used w/o ADJ_U* option SigA Data
MX W450 35065 CHKDAT: Record Out of Sequence in Meteorological File at: 17010101
MX W450 35065 CHKDAT: Record Out of Sequence in Meteorological File at: 1 year gap

*** AERMOD Finishes Successfully ***

Appendix C. Construction Risk Calculations

Table C1
MEIR Concentrations for Risk Calculations

Contaminant	Source		Model Output ¹ (µg/m³)	Emission Rates ² (g/s)	MEIR Conc. (µg/m³)	Total MEIR Conc. Annual Average (µg/m³)				
(a)	(b)		(c)	(d)	(e)	(f)	Model Output (µg/m³)			
Residential Receptors - Unmitigated							MEIR Receptor Points	Onsite	Offsite	
DPM	2024	On-Site Emissions	17.28	8.68E-03	1.50E-01	1.50E-01	565622.03 E, 4151877.36 N	21.369	8.249	
		Truck Route	10.23	5.30E-06	5.42E-05					
	2025	On-Site Emissions	17.28	7.22E-03	1.25E-01	1.25E-01	565612.03 E, 4151867.36 N	13.846	9.792	
		Truck Route	10.23	4.96E-06	5.07E-05		565622.03 E, 4151867.36 N	17.264	10.886	
Total DPM concentrations used for Cancer Risk and Chronic Hazard calculations							565612.03 E, 4151877.36 N	16.631	12.006	
PM _{2.5}	2023	On-Site Emissions	17.66	9.63E-03	1.70E-01	1.74E-01	Average	17.28	10.23	
		Truck Route	10.76	3.80E-04	4.09E-03		565622.03 E, 4151877.36 N	22.373	8.422	
	2024	On-Site Emissions	17.66	6.64E-03	1.17E-01	1.22E-01	565612.03 E, 4151867.36 N	13.826	10.203	
		Truck Route	10.76	4.65E-04	5.00E-03		565622.03 E, 4151867.36 N	17.505	11.597	
Maximum Annual PM _{2.5} Concentration							0.17	565612.03 E, 4151877.36 N	16.951	12.808
Residential Receptors - Mitigated Run: Tier 4 Interim Engines for Diesel-Powered Equipment >50 Horsepower & Tier 4 Final Engines for Diesel-Powered Equipment ≤ 50 Horsepower							Average	17.66	10.76	
DPM	2024	On-Site Emissions	17.28	2.23E-03	3.85E-02	3.86E-02				
		Truck Route	10.23	5.30E-06	5.42E-05					
	2025	On-Site Emissions	17.28	2.60E-03	4.49E-02	4.50E-02				
		Truck Route	10.23	4.96E-06	5.07E-05					
Total DPM concentrations used for Cancer Risk and Chronic Hazard calculations										
PM _{2.5}	2024	On-Site Emissions	17.66	3.53E-03	6.23E-02	6.64E-02				
		Truck Route	10.76	3.80E-04	4.09E-03					
	2025	On-Site Emissions	17.66	2.43E-03	4.30E-02	4.80E-02				
		Truck Route	10.76	4.65E-04	5.00E-03					
Maximum Annual PM _{2.5} Concentration							0.07			

Maximum Exposed Individual Resident (MEIR): 96 Bayport Ct, San Carlos, CA 94070

¹ Model Output at the MEIR based on unit emission rates for sources (1 g/s) and based on the average concentrations of the four receptor points at the MEIR location.

² Emission Rates from Emission Rate Calculations (Appendix A - Construction Emissions).

Table C2
MEIR Health Risk Calculations

Source (a)		MEIR Conc. ($\mu\text{g}/\text{m}^3$) (b)	Weight Fraction (c)	Contaminant (d)	URF ($\mu\text{g}/\text{m}^3$) ⁻¹ (e)	CPF ($\text{mg}/\text{kg}/\text{day}$) ⁻¹ (f)	Dose (by age bin)		Carcinogenic Risks (by age bin)		Total Cancer per million (m)	Chronic Hazards ³	
							3rd Trimester	0 < 2 years	3rd Trimester	0 < 2 years		REL	RESP
							($\text{mg}/\text{kg}/\text{day}$) (g)	($\text{mg}/\text{kg}/\text{day}$) (h)	per million (j)	per million (k)		($\mu\text{g}/\text{m}^3$) (n)	(o)
Residential Receptors - Unmitigated													
2024	On & Off-	1.50E-01	1.00E+00	DPM	3.0E-04	1.1E+00	5.19E-05	1.57E-04	1.66E+00	6.60E+00	8.3	5.0E+00	3.00E-02
2025	Site	1.25E-01						1.30E-04		1.57E+01	15.7		2.49E-02
	Emission												
										Total	24.0	0.055	
Residential Receptors - Mitigated Run: Tier 4 Interim Engines for Diesel-Powered Equipment >50 Horsepower & Tier 4 Final Engines for Diesel-Powered Equipment ≤ 50 Horsepower													
2024	On & Off-	3.86E-02	1.00E+00	DPM	3.0E-04	1.1E+00	1.34E-05	4.03E-05	4.26E-01	1.70E+00	2.1	5.0E+00	7.72E-03
2025	Site	4.50E-02						4.70E-05		5.67E+00	5.7		8.99E-03
	Emission												
										Total	7.8	0.017	

Maximum Exposed Individual Resident (MEIR): 96 Bayport Ct, San Carlos, CA 94070

	OEHHA age bin exposure year(s)	3rd Trimester 2024	0 < 2 years 2024-2025	
Dose Exposure Factors:	exposure frequency (days/year)	350	350	
	inhalation rate (L/kg-day) ¹	361	1090	
	inhalation absorption factor	1	1	
	conversion factor (mg/μg; m ³ /L)	1.0E-06	1.0E-06	
Risk Calculation Factors:	age sensitivity factor	10	10	
	averaging time (years)	70	70	
	per million	1.0E+06	1.0E+06	
	fraction of time at home	0.85	0.85	
exposure durations per age bin		exposure durations (year)		
	Construction Year	Duration ²	3rd Trimester	0 < 2 years
	2024	0.58	0.25	0.33
	2025	0.95		0.95
	Total	1.53	0.25	1.28

¹ Inhalation rate taken as the 95th percentile breathing rates (OEHHA, 2015).

² Construction durations determined for each year of construction to adjust receptor exposures to the exposure durations for each construction year (see App A - Construction Emissions).

³ Chronic Hazards for DPM using the chronic reference exposure level (REL) for the Respiratory Toxicological Endpoint.

Table C3
MEIW Concentrations for Risk Calculations

Contaminant (a)	Source (b)		Model Output ¹ (µg/m ³) (c)	Emission Rates ² (g/s) (d)	MER Conc. (µg/m ³) (e)	Total MER Conc. Annual Average (µg/m ³) (f)
Worker Receptors - Unmitigated						
DPM	2024	On-Site Emissions	30.53	8.68E-03	2.65E-01	2.65E-01
		Truck Route	5.70	5.30E-06	3.02E-05	
	2025	On-Site Emissions	30.53	7.22E-03	2.20E-01	2.20E-01
		Truck Route	5.70	4.96E-06	2.83E-05	
Total DPM concentrations used for Cancer Risk and Chronic Hazard calculations						
PM _{2.5}	2024	On-Site Emissions	35.84	9.63E-03	3.45E-01	3.47E-01
		Truck Route	6.02	3.80E-04	2.29E-03	
	2025	On-Site Emissions	35.84	6.64E-03	2.38E-01	2.41E-01
		Truck Route	6.02	4.65E-04	2.80E-03	
Maximum Annual PM _{2.5} Concentration						0.35
Worker Receptors - Mitigated Run: Tier 4 Interim Engines for Diesel-Powered Equipment >50 Horsepower & Tier 4 Final Engines for Diesel-Powered Equipment ≤ 50 Horsepower						
DPM	2024	On-Site Emissions	30.53	2.23E-03	6.81E-02	6.81E-02
		Truck Route	5.70	5.30E-06	3.02E-05	
	2025	On-Site Emissions	30.53	2.60E-03	7.93E-02	7.94E-02
		Truck Route	5.70	4.96E-06	2.83E-05	
Total DPM concentrations used for Cancer Risk and Chronic Hazard calculations						
PM _{2.5}	2024	On-Site Emissions	35.84	3.53E-03	1.26E-01	1.29E-01
		Truck Route	6.02	3.80E-04	2.29E-03	
	2025	On-Site Emissions	35.84	2.43E-03	8.72E-02	9.00E-02
		Truck Route	6.02	4.65E-04	2.80E-03	
Maximum Annual PM _{2.5} Concentration						0.13

MEIW UTM coordinates: 565738.98E, 4151916.56N

¹ Model Output at the MER based on unit emission rates for sources (1 g/s).

² Emission Rates from Emission Rate Calculations (Appendix A - Construction Emissions).

OnsiteMER - Ex		Model Output (µg/m ³)	
		MEIW Receptor Points	Onsite Offsite
41.61			
4.44			
	565708.98, 4151856.56	38.939	7.126
	565723.98, 4151856.56	29.264	5.413
	565723.98, 4151841.56	20.535	7.203
	565738.98, 4151856.56	22.301	4.332
	565723.98, 4151871.56	41.607	4.440
	Average	30.53	5.70
50.83			
4.50			
	565708.98, 4151856.56	48.887	7.727
	565723.98, 4151856.56	33.147	5.563
	565723.98, 4151841.56	22.205	7.906
	565738.98, 4151856.56	24.152	4.411
	565723.98, 4151871.56	50.831	4.502
	Average	35.84	6.02

Table C4
MEIW Health Risk Calculations

Source		MEIW	Weight	Contaminant		CPF	Dose (by age bin)	Carcinogenic Risks (by age bin)	Total Cancer Risk	Chronic Hazards ³			
		Conc.					Fraction	URF		School 2 < 16 years	School 2 < 16 years	REL	RESP
		(µg/m ³)						(µg/m ³) ⁻¹		(mg/kg-day)	per million	(µg/m ³)	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)			
Worker Receptors - Unmitigated													
2024	On & Off Site Emissions	2.65E-01	1.00E+00	DPM	3.0E-04	1.1E+00	4.18E-05	3.63E-01	3.63E-01	5.0E+00	5.30E-02		
2025		2.20E-01					3.47E-05	4.93E-01	4.93E-01	5.0E+00	4.41E-02		
								Total	0.9	0.10			
Worker Receptors - Mitigated Run: Tier 4 Interim Engines for Diesel-Powered Equipment >50 Horsepower & Tier 4 Final Engines for Diesel-Powered Equipment ≤ 50													
2024	On & Off Site Emissions	6.81E-02	1.00E+00	DPM	3.0E-04	1.1E+00	1.07E-05	9.34E-02	9.34E-02	5.0E+00	1.36E-02		
2025		7.94E-02					1.25E-05	1.77E-01	1.77E-01	5.0E+00	1.59E-02		
MEIW UTM coordinates: 565738.98E, 4151916.56N								Total	0.3	0.030			

		OEHHA age bin exposure year(s)	Workers 16 < 70 years 2023-2025
Dose Exposure Factors:	exposure frequency (days/year)		250
	8-hour inhalation rate (L/kg-day) ¹		230
	inhalation absorption factor		1
	conversion factor (mg/ μg ; m^3/L)		1.0E-06
Risk Calculation Factors:	age sensitivity factor		1
	averaging time (years)		70
	per million		1.0E+06

exposure durations per age bin			
Construction Year		Duration ²	16 < 70 years
	2024	0.58	0.58
	2025	0.95	0.95
		0.00	0.00
Total		1.53	1.53

¹ Inhalation rate taken as the 8-hour 95th percentile breathing rates, Moderate Activity (OEHHA, 2015).

² Construction duration determined for each year of construction to adjust receptor exposures to the exposure durations for each construction year (see App A - Construction Emissions).

³ Chronic Hazards for DPM using the chronic reference exposure level (REL) for the Respiratory Toxicological Endpoint.

Appendix D. Cumulative Risk Calculations

Cumulative Health Risk Screening Summary

at MEIR

Screening Level Risk Values

Source No.	Source	Facility ID	Distance Multiplier	Cancer Risk (per million)	Chronic HI	Acute HI	PM2.5 ($\mu\text{g}/\text{m}^3$)	Methodology
1	Silicon Valley Clean Water distance from MEIR: > 1,000 ft	1244	0.13	8.55 1.13	0.013 0.002	n/a	0.011 0.001	BAAQMD Screening Level values Generic case distance multiplier
2	Holly Petroleum distance from MEIR: adjacent	9095	n/a	24.59	0.118	0.118	n/a	BAAQMD Screening Level values No distance adjustment
3	Holly 76 (Bay Petroleum) distance from MEIR: 200 ft	9615	CARB	29.29 8.61	0.140 0.030	0.140 0.190	n/a n/a	BAAQMD Screening Level values CARB Gasoline Screening Tool
4	Highways/Roadways			34.01	0.102	0.102	0.530	BAAQMD Raster/GIS Files
Other Sources Cumulative Total				68.33	0.251	0.410	0.532	All other sources
Project Risk (Unmitigated)				24.0	0.06	0.06	0.17	Project sources
Overall Cumulative Total				92.3	0.31	0.46	0.70	Project and all other sources
BAAQMD Significance Threshold				100.0	10.0	10.0	0.80	
Exceeds Threshold?				No	No	n/a	No	
Residential Receptors - Mitigated Run: Tier 4 Interim Engines for Diesel-Powered Equipment >50 Horsepower & Tier 4 Final Engines for Diesel-Powered Equipment ≤ 50 Horsepower Calculations								
Other Sources Cumulative Total				68.33	0.251	0.410	0.532	All other sources
Project Risk (Mitigated)				7.80	0.017	0.017	0.070	Project sources
Overall Cumulative Total				76.1	0.27	0.43	0.60	Project and all other sources
BAAQMD Significance Threshold				100.0	10.0	10.0	0.80	
Exceeds Threshold?				No	No	n/a	No	

For Stationary Sources: Source: BAAQMD's Health Risk Screening & Methodology, 2022.

Website: <https://www.baaqmd.gov/plans-and-climate/california-environmental-quality-act-ceqa/ceqa-tools/health-risk-screening-and-modeling>

Note: BAAQMD provided stationary source screening health risk values and BAAQMD's Health Risk Calculator with Distance Multipliers was used to adjust values for Source 1. For Source 2, no distance multipliers were used since gas dispensing facility is adjacent to the MEIR from construction HRA analysis. For Source 3, CARB's gas station look up tool was used to adjust gas station health risks at a distance of 60 m from source to MEIR.

For Highways and Roadways: Source: BAAQMD Updated Roadway Risk/Chronic Hazard/PM2.5 Raster Files (2022).

Roadway Cancer Risk, Chronic HI, and PM2.5

Cell	Cell Size (square feet) ^a	Cancer Risk (per million)	Chronic HI	Acute HI	PM2.5 (µg/m ³)
1	25,071	49.21	0.145	0.145	0.72
2	25,003	18.76	0.058	0.058	0.34
Weighted Spatial Average^b		34.01	0.102	0.102	0.53

Source: BAAQMD Updated Roadway Risk/Chronic Hazard/PM2.5 Raster Files (2022).

^a Based on individual cell size shown on the BAAQMD Updated Roadway Risk/Chronic Hazard/PM2.5 Raster Files and measured using Google Earth Pro.

^b Per the methodology provided by Nicholas Tang of the Bay Area Air Quality Management District via email communication on December 19, 2022.

Cumulative Health Risk Screening Summary

at MEIW

Screening Level Risk Values

Source No.	Source	Facility ID	Distance Multiplier	Cancer Risk (per million)	Chronic HI	Acute HI	PM2.5 (µg/m ³)	Methodology
1	Silicon Valley Clean Water distance from MEIW: > 1,000 ft	1244	0.13	8.55 1.13	0.013 0.002	n/a	0.011 0.001	BAAQMD Screening Level values Generic case distance multiplier
2	Holly Petroleum distance from MEIW: 360 ft	9095	CARB	24.59 0.23	0.118 0.020	0.118 0.080	n/a n/a	BAAQMD Screening Level values CARB Gasoline Screening Tool
3	Holly 76 (Bay Petroleum) distance from MEIW: 525 ft	9615	CARB	29.29 0.15	0.140 0.030	0.140 0.040	n/a n/a	BAAQMD Screening Level values CARB Gasoline Screening Tool
4	Highways/Roadways			22.29	0.078	0.078	0.46	BAAQMD Raster/GIS Files
Other Sources Cumulative Total				48.2	0.23	0.24	0.47	All other sources
Project Risk (Unmitigated)				0.9	0.10	0.10	0.35	Project sources
Overall Cumulative Total				49.0	0.32	0.33	0.81	Project and all other sources
BAAQMD Significance Threshold				100.0	10.0	10.0	0.80	
Exceeds Threshold?				No	No	n/a	Yes	
Worker Receptors - Mitigated Run: Tier 4 Interim Engines for Diesel-Powered Equipment >50 Horsepower & Tier 4 Final Engines for Diesel-Powered Equipment ≤ 50 Horsepower Calculations								
Other Sources Cumulative Total				48.2	0.23	0.24	0.47	All other sources
Project Risk (Mitigated)				0.27	0.03	0.03	0.13	Project sources
Overall Cumulative Total				48.4	0.26	0.27	0.59	Project and all other sources
BAAQMD Significance Threshold				100.0	10.0	10.0	0.80	
Exceeds Threshold?				No	No	n/a	No	

For Stationary Sources: Source: BAAQMD's Health Risk Screening & Methodology, 2022.

Website: <https://www.baaqmd.gov/plans-and-climate/california-environmental-quality-act-ceqa/ceqa-tools/health-risk-screening-and-modeling>

Note: BAAQMD provided stationary source screening health risk values and BAAQMD's Health Risk Calculator with Distance Multipliers was used to adjust values for Source 1. For Source 2, CARB's gas station look up tool was used to adjust gas station health risks at a distance of 110 m from source to MEIW. For Source 3, CARB's gas station look up tool was used to adjust gas station health risks at a distance of 160 m from source to MEIW.

For Highways and Roadways: Source: BAAQMD Updated Roadway Risk/Chronic Hazard/PM2.5 Raster Files (2022).

Roadway Cancer Risk, Chronic HI, and PM2.5

Cell	Cell Size (square feet) ^a	Cancer Risk (per million)	Chronic HI	Acute HI	PM2.5 (µg/m ³)
1	27,088	17.96	0.059	0.059	0.37
2	26,900	26.66	0.097	0.097	0.56
Weighted Spatial Average^b		22.29	0.078	0.078	0.46

Source: BAAQMD Updated Roadway Risk/Chronic Hazard/PM2.5 Raster Files (2022).

^a Based on individual cell size shown on the BAAQMD Updated Roadway Risk/Chronic Hazard/PM2.5 Raster Files and measured using Google Earth Pro.

^b Per the methodology provided by Nicholas Tang of the Bay Area Air Quality Management District via email communication on December 19, 2022.