APPENDIX N

ASSUMPTIONS AND CALEEMOD OUTPUT FILES

CalEEMod Inputs Table

Amoruso Ranch Specific Plan

Project-Specific Inputs for Amoruso Ranch Specific Plan

Input	Type of Input	ARSP		Comments
		Inputs	Source/Notes	
Project Name	Project Name	2014 Amoruso Ranch Specific Plan	--	
Project Location	Air Quality District/ Air Basin	PCAPCD/SVAB	Modeler, based on location	
Climate zone	Climate Zone Number	2	Modeler, based on location	
Land Use Setting	Urban or Rural	Urban	Modeler, based on location	Change pursuant to PCAPCD 3/31 comments
Operational Year	1st year of operation after full buildout.	2020	Conservative estimate of buildout	
Utility Company	Utility Company Name	Roseville Electric	Project Description	Change pursuant to PCAPCD 2/24 comments
Land Use Type and Subtype	Residential, Commercial, Recreation, etc.	See **Table 1.**	See **Table 1.**	**Table 1** updated per ARSP Land Use Plan dated May 4, 2015
Unit Amount	Size of Buildings or Number of units for each Land Use Type.	See **Table 1.**	See **Table 1.**	**Table 1** updated per ARSP Land Use Plan dated May 4, 2015
Lot Acreage	Acreage of each Land Use Type	See **Table 1.**	See **Table 1.**	**Table 1** updated per ARSP Land Use Plan dated May 4, 2015
Population	Population based on persons/household	See **Table 1.**	See **Table 1.**	**Table 1** updated per ARSP Land Use Plan dated May 4, 2015
Construction Phases	Type of construction phase (Demo, Site Prep, etc.) and beginning and ending dates	See **Table 2.**	18 years of construction Project Description Section	
Off-Road Equipment	Type of equipment (Excavator, Dozer, etc.) and number of units per construction phase	See **Table 2.**	See **Table 2.**	
Demolition	Sq ft or tons of Demo	Not Applicable	--	
Trip Gen Rate	Average number of one-way trips per day	See **Table 3.**	See **Table 3.**	**Table 3** updated per Draft Traffic Study dated April 17, 2015
Operational Trip Reductions	% reduction in trips.	19.38 percent (8,823 daily trips) reduction in trips generated due to internal capture.	ARSP Traffic Impact Study dated April 17, 2015. Primary trip rate will be changed to 100% to avoid the potential for double counting.	Updated per Draft Traffic Study dated April 17, 2015

Input	Type of Input	ARSP		Comments
		Inputs	Source/Notes	
Operational Trip Gen Rate and trip length	Trips and trip lengths	See **Tables 3 and 4**.	See **Tables 3 and 4**.	**Table 3 and 4** updated per Draft Traffic Study dated April 17, 2015
Area Sources	Hearths – # of wood-burning fireplaces, #of gas fireplaces, and # of units with no fireplace.	923 units natural gas fireplaces	Based on assumption of 50% of low and medium density residential units.	Updated per ARSP Land Use Plan dated May 4, 2015
	Number of Days: Snow and Summer	Default		
Energy Use	Project Specific Emission Factors.	Not Applicable.	Model calculates based on average emission factors for specific Utility Companies.	
Water and Wastewater	Indoor and outdoor water use for each Land Use Subtype in gallons per year.	See **Table 5**.	Annual Demand with 2% (for misc. system losses) from Table 3 of water conservation plan dated August 2015.	This amount is likely conservative as the Water Master Plan dated February 2015 is based on the Previous Land Use plan which had more units than the one dated May 4, 2015.
Solid waste	Tons of solid waste generated per year	8,744 tons	Based on solid waste generation rates derived from information from the City of Roseville	Estimate updated to reflect new population estimate per ARSP Land Use Plan dated May 4, 2015
	Land Fill Gas Capture Rate	85% Landfill Gas Capture Rate	CARB's AB 32 landfill Methane Rule.	
Operational off-road equipment	Excavator, Dozer, etc.	Not Applicable	Project Description	
Land Use Change	Vegetation land use type (cropland, etc.) and initial and final acreage	Initial Acres of Grassland 625.53 Final Acres of Grassland 124.27 (Open Space)	September 4, 2014 Biological Resources Assessment and Project Description. Initial acres do not include NAPOTs or Urban Reserve.	Includes OS parcels in the southern portion of the project site and along Placer Pkwy that will likely not have any disturbance.
Sequestration	type and net number of new trees added	Not Applicable.	Insignificant increase in the number of trees on project site for modeling purposes.	

Source: AES, 2015; CalEEMod, 2010.

Project–Mitigation Inputs for ARSP

Mitigation Input Category	CAPCOA Mitigation Number	Include in Model? (yes/no)	Type of Input / Unit	ARSP	
				Inputs	Source/Notes
Construction					
Off-Road Equipment	C-1	Yes	Engine Type, DPF Level, and Oxidation Catalyst	See **Table 6.**	See **Table 6.**
Soil Stabilizer for Unpaved Roads	N/A	Yes	PM10 (% Reduction)	10%	See Mitigation Section, default % Reduction
	N/A		PM2.5 (% Reduction)	10%	See Mitigation Section, default % Reduction
Water Exposed Area	N/A	Yes	Frequency (per day)	2 times per day	See Mitigation Section
	N/A		PM10 (% Reduction)	55%	See Mitigation Section, default % Reduction
	N/A		PM2.5 (% Reduction)	55%	See Mitigation Section, default % Reduction
Replace Ground Cover of Area Disturbed	N/A	No	PM10 (% Reduction)	--	--
	N/A		PM2.5 (% Reduction)	--	--
Unpaved Road Mitigation	N/A	No	Moisture Content (%)	--	--
	N/A	Yes	Vehicle Speed (mph)	15 mph	See Mitigation Section, default % Reduction
Traffic					
Land Use & Site Enhancement					
Project Setting					
Type of Residential	N/A	Yes	Type of Residential	Low-Density Suburban	Project Description
Increased Density	LUT-1	No	Dwelling Units/Acre	--	--
			Job/Job Acre	--	--
Increased Diversity	LUT-3	No	Yes or No	--	--
Improved Walkability Design	LUT-9	No	Intersections/Square Miles	--	--
Improve Destination Accessibility	LUT-4	No	Distance to Downtown/Job Ctr	--	--
Increased Transit Accessibility	LUT-5	No	Average Distance to Transit Station (miles)		

Mitigation Input Category	CAPCOA Mitigation Number	Include in Model? (yes/no)	Type of Input / Unit	ARSP	
				Inputs	Source/Notes
Integrated Below Market Rate Housing	LUT-6	Yes	# Dwelling Units Below Market Rate	291	Section 5 of the Specific Plan dated February 2015
Neighborhood Enhancement					
Improve Pedestrian Network	SDT-1	Yes	Yes or No; Project Site, Project Site and Connecting off-site, and Rural	Project Site and connecting off-site (future connectivity)	Project Description
Provide Traffic Calming Measures	SDT-2	No	% Streets with Improvement	--	--
		No	% Intersections with Improvement	--	--
Parking Policy/Printing					
Implement Neighborhood Electric Vehicle (NEV) Network	SDT-3	No	% of streets equipped with NEV network.	--	--
Limit Parking Supply	PDT-1	No	% Reduction in Spaces	--	--
Unbundled Parking Costs	PDT-2	No	Monthly Parking Costs ($)	--	--
On-Street Market Pricing	PDT-3	No	% Increase in Price	--	--
Transit Improvement					
Provide a Bus Rapid Transit System	TST-1	No	% Lines BRT	--	--
Expand Transit Network	TST-3	Yes	% Increase Transit Coverage	.35%	Based on 17 transit stops on transit line near project site divided by seven transit stops on project site times 1.01 (elasticity of transit ridership) times the transit mode share 1.3 times the adjustment for transit ride share of 0.67
Increase Transit Frequency	TST-4	No	Level of Implementation	--	--
		No	% Reduction in Headways	--	--
Commute					

Mitigation Input Category	CAPCOA Mitigation Number	Include in Model? (yes/no)	Type of Input / Unit	ARSP	
				Inputs	Source/Notes
Commute Trips					
Implement Trip Reduction Program	TRT-1, TRT-2	No	% employee eligible	--	--
		No	Program Type	--	--
Transit Subsidy	TRT-4	No	% employee eligible	--	--
		No	Daily Transit Subsidy Amount ($)	--	--
Implement Employee Parking "Cash-Out"	TRT-15	No	% employee eligible	--	--
Workplace Parking Charge	TRT-14	No	% employee eligible	--	--
		No	Daily Parking Charge ($)	--	--
Encourage Telecommuting and Alternative Work Schedules	TRT-6	No	% employee work 9/80	--	--
		No	% employee work 4/40	--	--
		No	% employee telecommute 1.5 days	--	--
Market Commute Trip Reduction Option	TRT-7	No	% employee eligible	--	--
Employee Vanpool/Shuttle	TRT-11	No	% employee eligible	--	--
		No	% vanpool mode share	--	--
Provide Ride Sharing Program	TRT-3	No	% employee eligible	--	--
School Trips					
Implement School Bus Program	TRT-13	No	% family using	--	--
Area					
Hearth					
Only Natural Gas Hearth	N/A	Yes	Yes or No	Yes	See Mitigation Section.
No hearth	N/A	No	Yes or No	--	--

Mitigation Input Category	CAPCOA Mitigation Number	Include in Model? (yes/no)	Type of Input / Unit	ARSP	
				Inputs	Source/Notes
Consumer Products					
Use of Low VOC Cleaning Supplies	N/A	No	Yes or No	--	--
Use low VOC Paint (Residential Interior)	N/A	Yes	Emission Factor (EF) (g/l)	100 EF (g/L)	PCAPCD Recommended Input
Architectural Coatings					
Use low VOC Paint (Residential Exterior)	N/A	Yes	EF (g/l)	100 EF (g/L)	PCAPCD Recommended Input
Use low VOC Paint (Non-residential Interior)	N/A	Yes	EF (g/l)	100 EF (g/L)	PCAPCD Recommended Input
Use low VOC Paint (Non-residential Exterior)	N/A	Yes	EF (g/l)	100 EF (g/L)	PCAPCD Recommended Input
Landscape Equipment					
Electric Lawnmower	A-1	Yes	Percent of equipment type that will be electric.	8%	See Mitigation Section, based on 100 percent use of electric landscape equipment on parks and recreation land and public and quasi-public land.
Electric Leafblower	A-1	Yes	Percent of equipment type that will be electric.	8%	See Mitigation Section, based on 100 percent use of electric landscape equipment on parks and recreation land and public and quasi-public land
Electric Chainsaw	A-1	Yes	Percent of equipment type that will be electric.	8%	See Mitigation Section, based on 100 percent use of electric landscape equipment on parks and recreation land and public and quasi-public land
Energy					
Building Energy					
Exceed Title 24 (2010)	BE-1	Yes	Percentage improvement selected for the Project.	25%	25% exceedance over 2010 Title 24 Code equivalent to compliance with the 2013 Title 24 Code

Mitigation Input Category	CAPCOA Mitigation Number	Include in Model? (yes/no)	Type of Input / Unit	ARSP	
				Inputs	Source/Notes
Install High Efficiently Lighting	LE-1	Yes	% Lighting Energy Reduction	100%	See Mitigation Section
Alternative Energy					
On-site Renewable Energy	AE-1, AE-2, AE-3	No	kWh Generated	--	--
		No	% of Electricity Use Generated	--	--
Energy Efficient Appliances					
Energy Efficient Appliances	BE-4	Yes	Appliance Type, Land Use Subtype, % Improvement	See **Table 7**	See Mitigation Section
Water					
Water Conservation Strategy (Cannot be used with other water mitigation strategies)					
Apply Water Conservation Strategy	WUW-2	No	% Reduction Indoor	--	
		No	% Reduction Outdoor	--	
Water Supply					
Use Reclaimed Water	WSW-1	No	% Indoor Water Use	--	
		Yes	% Outdoor Water Use	25%	
Use Grey Water	WSW-2	No	% Indoor Water Use	--	
		No	% Outdoor Water Use	--	
Indoor Water Use					
Install Low-Flow Bathroom Faucet	WUW-1	Yes	% Reduction in flow	32%	Default % reduction assuming implementation of Recommended Mitigation.
Install Low-flow Kitchen Faucet	WUW-1	Yes	% Reduction in flow	18%	Default % reduction assuming implementation of Recommended Mitigation.
Install Low-flow Toilet	WUW-1	Yes	% Reduction in flow	20%	Default % reduction assuming implementation of Recommended Mitigation..
Install Low-flow Shower	WUW-1	Yes	% Reduction in flow	20%	Default % reduction assuming implementation of Recommended Mitigation..
Outdoor Water Use					
Turf Reduction	WUW-5	No	Turf Reduction Area (sqft)	--	--

Mitigation Input Category	CAPCOA Mitigation Number	Include in Model? (yes/no)	Type of Input / Unit	ARSP	
				Inputs	Source/Notes
		Yes	% Reduction turf	20%	Based on Water Conservation Plan Dated February 2015 and CAPCOA's 2010 Quantifying GHG Mitigation Measures per CalEEMod User Guide.
Use Water-Efficient Irrigation Systems	WUW-4	Yes	% Reduction	20%	Based on Water Conservation Plan Dated February 2015 and CAPCOA's 2010 Quantifying GHG Mitigation Measures per CalEEMod User Guide.
Water Efficient Landscape	WUW-3	No	Maximum Applied Water Allowance (MAWA) (gal/yr)	--	--
		No	Estimated Total Water Use (ETWU) (gal/yr)	--	--
Solid Waste					
Institute Recycling and Composting Service	SW-1	No	% Reduction in Waste Disposal over State requirements	--	--

Source: AES, 2015; CalEEMod, 2010

Table 1 – Land Use Inputs for ARSP

Land Use Type	Land Use Subtype	Unit Amount	Size Metric	Lot Acreage	Floor Surface Area (Square feet)[1]	Population[2]
Residential	Single-Family Residential	1,845[3]	Dwelling unit	325.31[4]	3,523,000	4,870
Residential	Multi-Family Residential	982[5]	Dwelling unit	63.94[6]	1,393,000	2,592
Retail	User Defined Retail	442[7]	ksf	76.79[8]	442,000	N/A
Commercial	General Office Building	34[7]	ksf	4.09[9]	34,000	N/A
Education	Elementary School	800[7]	Students	9.62[10]	84,000	N/A
Totals		**2,827 Dwelling units**		**479.74 acres of grading[11]**		

Notes:
1 - Assumes Floor Surface area is 25% of Single-Family Residential acreage, 50% of Multi-Family Residential acreage, and 20% of school acreage. Square footage rounded to nearest thousand.
2 - Based on estimate of 2.64 people per household from the Specific Plan dated February 2015.
3 - Includes allocated units under Low Density Residential (LDR), Medium Density Residential (MDR), and Urban Reserve (UR) land uses per the land use plan dated 5/4/2015.
4 - Includes acreage from LDR, MDR, street crossing, and 50% of Misc. Roads per the land use plan dated 5/4/2015.
5 - Includes allocated units under High Density Residential (HDR) and Community Commercial-Village Center (CMU-SA) land uses per the land use plan dated 5/4/2015.
6 - Includes acreage from HDR and 50% of Misc. Roads per the land use plan dated 5/4/2015.
7 - Based on assumptions in Fehr & Peers Amoruso Ranch Draft Traffic Study dated April 17, 2015; Table 11. The 27.2-acre Village Center (CMU-SA) is assumed to consist of 15% office and 85% retail, which yields 34 ksf office and 204 ksf retail. Although the 23.85-acre Community Commercial (CC) parcel may permit a mix of retail and office, a worst-case assumption of 100% retail 238 KSF was assumed. Typical elementary school size and attendance assumed.
8 - Includes acreage from 85% of the 27.2-acre Village Center (CMU-SA) parcels, 100% of the 23.85-acre Community Commercial, 100% Parks and Recreation (PR), and Public/Quasi Public (P/QP) not including the school per the land use plan dated 5/4/2015.
9 Includes acreage from 15% of the 27.2-acre Village Center (CMU-SA) per the land use plan dated 5/4/2015.
10 Includes acreage from P/QP School per the land use plan dated 5/4/2015.
11 Does not include NAPOTs, Open Space, or Urban Reserve. Urban Reserve acreage not included as the grading needed for one house would be insignificant.

Source: ARSP Land Use Plan dated May 4, 2015

Table 2 – Construction Equipment Usage for ARSP

Equipment[1]	Total Number of Units	Construction Phase Activities				
		Site Preparation	Grading	Construction	Paving	Arch. Coating
		Timing of Construction Phases				
	Phase 1	1/1/17-6/1/18	2/15/17-8/15/18	6/1/17-5/15/25	4/15/17-10/15/18	2/1/18-5/30/25
	Phase 2	6/1/25-5/15/26	7/15/25-4/15/27	3/15/26-5/15/30	9/15/25-3/15/27	3/15/26-5/30/30
	Phase 3	6/1/30-12/1/30	7/15/30-7/15/31	12/1/30-12/15/34	9/15/30-3/15/31	7/1/31-12/30/34
Air Compressors	3					
Cranes	3			1		
Excavators	6		2			
Forklifts	9			3		
Generator Sets	3			1		
Graders	3		1			
Pavers	6					
Paving Equipment	6					
Rollers	6					
Rubber Tired Dozers	12	3	1			1
Scrapers	6		2		2	
Tractors/Loaders/Backhoes	27	4	2	3	2	
Welders	3			1	2	
Two-way Construction Trips per Construction Phase per day		**18**	**20**	**1,598**	**15**	**320**
Two-way Vendor Trips				**406**		

Notes: 1 – Construction equipment based on CalEEMod default values.

Table 3 - Estimated Trip Generation Rates

Land Use	Amount	Daily Trip Generation Rate	Trips[1]
Single-Family Residential	1,845 du's	9.52	17,564
Multi-Family Residential	982 du's	6.65	6,530
Retail[3]	442 ksf	42.7	18,873
Office[3]	34 ksf	11.03	377
Elementary School[4]	800 students[4]	1.29	1,032
		Gross Trips	44,376
		Internal Trips[5]	-8,602
		New Trips	35,774
VMT[6]			255,781

Notes: 1 – Trip rates based on Trip Generation, 9th Edition (Institute of Transportation Engineers, 2012).

2 – Per the project applicant, all medium-density residential uses (ranging from 7 to 13 units per acre) were assumed to be single-family so as to provide a conservative analysis.

3 – Per the project applicant, the 27.2-acre Village Center is assumed to consist of 15% office and 85% retail, which yields 34 ksf office and 204 ksf retial. Although the 23.85-acre Community Commercial parcel may permit a mix of retail and office, a worst-case assumption of 100% retail 238 ksf was assumed.

4 – Estimated school capacity for ARSP

5 – Internalization of trips based on output from the mixed-use trip generation model.

6 – VMT per day, 93,360,065 VMT per year, Fehr & Peers, January 21, 2015.

Source: Fehr&Peers Amoruso Ranch Draft Traffic Study for the Amoruso Ranch Specific Plan dated April 17, 2015; Table 11

Table 4 – Daily VMT – 2035 Cumulative Conditions

Amoruso Ranch Specific Plan EIR Daily VMT Comparison	
Total Project VMT (daily)	255,781
Number of Project Trips	39,004
Average Trip Length (Mile)	6.558

Source: Fehr & Peers, 2014

Table 5 – Water Use

Land Use Subtype	Size Metric	Indoor Water Use (gals/year)[1]	Outdoor Water Use (gals/year)[1]
Single-Family Residential	Dwelling unit	197,026,066.55	115,498,039.01
Multi-Family Residential	Dwelling unit	46,591,087.37	27,312,016.73
Retail	ksf	78,379,813.95	8,708,868.22
General Office Building	ksf	2,423,546.28	1,530,660.81
Elementary School	Students	7,566,994.30	4,815,360.01

Notes: 1 - Ratio of indoor to outdoor water use based on ratio of default CalEEMod values. Converted from AFY to gals/year

2 - Includes water usage under Low Density Residential (LDR), Medium Density Residential (MDR), and Urban Reserve (UR) land uses per Table 13 - Includes water usage under High Density Residential (HDR) and Community Commercial-Village Center-Residential (CMU-SA) land uses per Table 1.

4 - Includes water usage from 85% of Village Center Nonresidential (CMU-SA) parcels, 100% of Community Commercial, 100% Parks and Recreation (PR), Open Space (Paseos) (OS), and Public/Quasi Public (P/QP) not including the school per Table 1.

5 - Includes water usage from 15% of Village Center Nonresidential (CMU-SA) per Table 1.

Table 6 – Off-Road Equipment Mitigation Inputs

Equipment Type	Engine Tier	Number of Equipment Mitigated	Diesel Particulate Filter (DPF) Level 2004	Using Oxidation Catalyst (%Reduction) 2004[1]
Air Compressors	Tier 3	3	Level 2	N/A
Cranes	Tier 3	3	Level 2	N/A
Excavators	Tier 3	6	Level 2	N/A
Forklifts	Tier 3	9	Level 2	N/A
Generator Sets	Tier 3	3	Level 2	N/A
Graders	Tier 3	3	Level 2	N/A
Pavers	Tier 3	6	Level 2	N/A
Paving Equipment	Tier 3	6	Level 2	N/A
Rollers	Tier 3	6	Level 2	N/A
Rubber Tired Dozers	Tier 3	12	Level 2	N/A
Scrapers	No Change	0	No Change	N/A
Tractors/Loaders/Backhoes	Tier 3	27	Level 2	N/A
Welders	Tier 3	3	Level 2	N/A

Notes; 1 – Per EPA Guidance, a Diesel Particulate Filter (DPF) and an Oxidation Catalyst cannot be used simultaneously to calculate emission reductions.

.

Table 7 – Recommended Energy Efficient Appliances Mitigation

Appliance Type	Land Use Subtype	% Improvement ARSP[1]
Cloth washer	Residential	30%
Dishwasher	Residential	15%
Fan	Residential	50%
Refrigerator	Residential	15%

Notes: 1- Estimated percent improvement assuming implementation of Recommended Mitigation.

Recommended Mitigation

The following mitigation measures are quantified within the CalEEMod and shall be implemented to reduce air quality impacts:

MM 4.4-1 Measures to Reduce Short-term Construction Related Emissions (Impact 4.4-1)

The following mitigation measures shall be implemented to reduce short-term construction-related air quality impacts.

a. Prior to approval of Grading or Improvement Plans, (whichever occurs first), on project sites greater than five acres, the Applicant shall submit to PCAPCD a Construction Emission / Dust Control Plan within 30 days prior to groundbreaking. If the PCAPCD does not respond within 20 days, the plan shall be considered approved. The applicant shall provide written evidence, provided by the PCAPCD, to the City that the plan has been submitted to PCAPCD. It is the responsibility of the Applicant to deliver the approved plan to the local jurisdiction. The applicant shall not break ground prior to receiving District approval of the Construction Emission / Dust Control Plan, and delivering that approval to the local jurisdiction issuing the permit, unless the PCAPCD does not respond within 20 days of submission of the plan, and the plan is deemed approved.

b. The following shall be included in the Dust Control Plan:

- During construction, emissions of fugitive dust from any active operation, open storage pile, or disturbed surface area, shall be controlled so that dust does not remain visible in the atmosphere beyond the boundary line of the emission source.
- When wind speeds result in dust emissions crossing the property line, and despite the application of dust control measures, grading and earthmoving operations shall be suspended and inactive disturbed surface areas shall be stabilized.
- Fugitive dust generated by active operations, open storage piles, or from a disturbed surface area shall not result in such opacity as to obscure an observer's view to a degree equal to or greater than does smoke as dark or darker in shade as that designated as No. 2 on the Ringlemann Chart (or 40 percent opacity).
- All exposed soils be watered a minimum of once every two hours of active operation or sufficiently often to keep the area adequately wetted.
- Any visible track-out on a paved road where vehicles enter and exit the work area must be removed at the end of the workday or at least on time per day. Removal shall be accomplished by using wet sweeping or a HEPA filter equipped vacuum device. Dirt from vehicles exiting shall be removed through the use of a gravel pad, a tire shaker, a wheel wash system, or a pavement extending for not less than 50 feet from the intersection with the paved public road.

c. Include the following standard note on the Grading or Improvement Plan: The prime contractor shall submit to the District a comprehensive inventory (i.e., make, model, year, emission rating) of all the heavy-duty off-road equipment (50 horsepower or greater) that will be used in aggregate of 40 or more hours for the construction project. If any new equipment is added after submission of the inventory, the prime contractor shall contact the PCAPCD prior to the new equipment being utilized. At least three business days prior to the use of subject heavy-duty off road equipment, the project representative shall provide the District with the anticipated construction timeline including start date, name and phone number of the property owner, project manager and on-site foreman.

d. Prior to approval of Grading or Improvement Plans, whichever occurs first, the applicant shall provide a written calculation to the PCAPCD for approval by the District demonstrating that the heavy-duty (50 horsepower or greater) off-road vehicles to be used in the construction project, including owned, leased and subcontractor vehicles, will achieve a project wide fleet-average 20 percent NOx reduction and 45 percent particulate reduction as required by CARB. Acceptable options for reducing emissions may include use of late model engines, low-emission diesel products, alternative fuels, engine retrofit technology, after-treatment products, and/or other options as they become available.

e. In order to control dust, operational watering trucks shall be on-site during construction hours. In addition, dry, mechanical sweeping is prohibited. Watering of a construction site shall be carried out in compliance with all pertinent PCAPCD rules (or as required by ordinance within each local jurisdiction).

f. Include the following standard notes on the Improvement/Grading Plan:

- During construction the contractor shall utilize existing power sources (e.g., power poles) or clean fuel (i.e. gasoline, biodiesel, natural gas) generators rather than temporary diesel power generators.
- During construction the contractor shall minimize idling time to a maximum of 5 minutes for all diesel-powered equipment.

g. Signs shall be posted in the designated queing areas of the construction site to remind off-road equipment operators that idling time is limited to a maximum of 5 minutes.

MM 4.4-2 Project Measures to Reduce Operational Emissions (Impact 4.4-2 and 4.4-7)

Following receipt of an application for a Tentative Map (excluding the Large Lot Subdivision Map), Design Review Permit, conditional use permits and/or any other discretionary permits, the City will forward an early consultation notice to the PCAPCD. Where the PCAPCD provides comments on a specific development proposal, the City shall consult with PCAPCD and the developer to incorporate measures recommended by the PCAPCD and agreed to by the City into the project. Where the PCAPCD does not provide comment on a specific development proposal, the City shall incorporate measures that reduce vehicle emissions and operation emissions from the proposed development. This measure will be implemented through project design, conditions of approval, noticing and disclosure statements, or through the City's plan check and inspection processes. This process is intended to ensure that best available and practical approaches are used to reduce operational emissions in specific tentative map and design review permit applications. The following is a listing of measures that shall be implemented for the purpose of reducing vehicle and operational emissions, unless the applicant provides an analysis that demonstrates to the City's satisfaction that the measure is infeasible or other measure is comparably effective. If the applicant demonstrates that any particular measure in the list below is infeasible for a proposed project to which it would otherwise be applicable, the applicant must provide an analysis supported by substantial evidence demonstrating that a replacement measure is comparably effective.

- Provide tree plantings that meet or exceed the requirements of the City's Community Design Guidelines to provide shading of buildings and parking lots.
- Landscape with native drought-resistant plants (ground covers, shrubs and trees) with particular consideration of plantings that are not reliant on gas-powered landscape maintenance equipment.
- Require all flat roofs on non-residential structures to have a white or silver cap sheet to reduce energy demand.

- Provide conductive/inductive electric vehicle charging station and signage prohibiting parking for non-electric vehicles within designated spaces within non-residential developments.
- Provide vanpool parking only spaces and preferential parking for carpools to accommodate carpools and vanpools in employment areas (e.g. community commercial, business-professional uses)
- All truck loading and unloading docks shall be equipped with one 110/208 volt power outlet for every two-dock doors. Signs shall be posted stating "Diesel trucks are prohibited from idling more than five minutes and trucks requiring auxiliary power shall connect to the 110/208-vot outlets to run auxiliary equipment".
- Design streets to maximize pedestrian access to transit stops.
- Require site design to maximize access to transit lines, to accommodate bus travel, and to provide lighted shelters at transit access points.
- Develop the plan consistent with the higher residential densities (within approved residential density ranges of zone) provided around the village nodes and transit corridors.
- Participate in Roseville Electric incentive programs for energy-efficient development where feasible if available at the time of construction.
- Ten percent of the residential units shall be designated as low to very-low income residential units.
- A pedestrian access network shall link areas of the project site with other land uses.
- Electric landscape maintenance equipment shall be utilized to the extent feasible on parks and public/quasi-public lands.
- Design buildings to meet the 2013 Title 24 Energy Efficiency Standards (which is a 25% reduction below 2010 Title 24 Energy Efficiency Standards).
- Ensure that all area lighting installed on the site shall be considered high efficiency lighting. All public street lighting shall meet the lighting standards of Roseville Electric at the time of construction.
- Utilize reclaimed water for irrigation of all non-single family areas within the project site, including the school, parks, paseos, roadway landscaping and commercial landscaping.
- Reduce the area of turf allowed consistent with the City's Water Efficient Landscape Ordinance and the Water Conservation Strategy.
- Install water efficient landscape irrigation systems at all public land uses.

Measures for Residential Units:

- Require electrical outlets be installed on the exterior walls of both the front and back of residences to promote the use of electric landscape maintenance equipment.
- Require every garage of each single family home to be considered "Electric Vehicle Ready". This by definition is not limited to, but includes a conduit raceway to a spare electric box in the garage that is sized for a future minimum 50-amp 220v outlet. A 220v breaker space must be available in the electrical panel.
- Require installation of a gas outlet in the rear of residential buildings for use of outdoor cooking appliances, such as gas burning barbeques.
- Require installation of low NO_x hot water heaters (beyond District Rule 246 requirements)
- Prior to approval of Tentative Maps: provide notice to homebuyers through CC&Rs or other mechanisms to inform them that only gas fireplaces are permitted.

- The applicant shall ensure that builders offer only energy efficient appliances for installation in residential units, including Energy Star refrigerators, clothes washers, dishwashers, and ceiling fans.
- Prior to building permit approval, the applicant shall show, on the plans submitted to the Building Department, provisions for construction of new residences, and where natural gas is available, the installation of a gas outlet for use with outdoor cooking appliances, such as a gas barbecue or outdoor recreational fire pits.

Amoruso Ranch Specific Plan

Placer County APCD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	34.00	1000sqft	4.09	34,000.00	0
Elementary School	800.00	Student	9.62	84,000.00	0
Apartments Mid Rise	982.00	Dwelling Unit	63.94	1,393,000.00	2592
Single Family Housing	1,845.00	Dwelling Unit	325.31	3,523,000.00	4870
Strip Mall	442.00	1000sqft	76.79	442,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	74
Climate Zone	2			**Operational Year**	2020
Utility Company	Roseville Electric				
CO2 Intensity (lb/MWhr)	793.8	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Refer to CalEEMod Input Table, Appendix A.

Construction Phase - Refer to CalEEMod Input Table, Appendix A.

Trips and VMT -

Architectural Coating - PCAPCD Rule 218.

Vehicle Trips - Refer to CalEEMod Input Table, Appendix A.

Woodstoves - Refer to CalEEMod Table, Appendix A.

Area Coating - PCAPCD Rule 218

Water And Wastewater - Refer to CalEEMod Table, Appendix A.

Solid Waste - Refer to CalEEMod Table, Appendix A. Used default distribution. Landfill Calpture Gas Flare (%) refer to CalEEMod Table, Appendix A.

Land Use Change -

Construction Off-road Equipment Mitigation - Refer to CalEEMod Table in Appendix.

Mobile Land Use Mitigation - Refer to CalEEMod Table, Appendix A.

Area Mitigation - Refer to CalEEMod Table, Appendix A.

Energy Mitigation -

Water Mitigation - Refer to CalEEMod Table, Appendix A.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00

tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	100
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	100
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	100
tblConstEquipMitigation	DPF	No Change	Level 2
tblConstEquipMitigation	DPF	No Change	Level 2
tblConstEquipMitigation	DPF	No Change	Level 2
tblConstEquipMitigation	DPF	No Change	Level 2
tblConstEquipMitigation	DPF	No Change	Level 2
tblConstEquipMitigation	DPF	No Change	Level 2
tblConstEquipMitigation	DPF	No Change	Level 2
tblConstEquipMitigation	DPF	No Change	Level 2
tblConstEquipMitigation	DPF	No Change	Level 2
tblConstEquipMitigation	DPF	No Change	Level 2
tblConstEquipMitigation	DPF	No Change	Level 2
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	27.00
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstructionPhase	NumDays	550.00	1,099.00
tblConstructionPhase	NumDays	550.00	914.00
tblConstructionPhase	NumDays	550.00	1,912.00
tblConstructionPhase	NumDays	7,750.00	1,055.00
tblConstructionPhase	NumDays	7,750.00	2,076.00
tblConstructionPhase	NumDays	7,750.00	1,088.00
tblConstructionPhase	NumDays	775.00	262.00
tblConstructionPhase	NumDays	775.00	391.00
tblConstructionPhase	NumDays	775.00	458.00
tblConstructionPhase	NumDays	550.00	130.00
tblConstructionPhase	NumDays	550.00	391.00
tblConstructionPhase	NumDays	550.00	391.00
tblConstructionPhase	NumDays	300.00	370.00
tblConstructionPhase	NumDays	300.00	130.00
tblConstructionPhase	NumDays	300.00	250.00

tblConstructionPhase	PhaseEndDate	8/1/2034	5/30/2030
tblConstructionPhase	PhaseEndDate	6/17/2038	12/30/2034
tblConstructionPhase	PhaseEndDate	9/13/2032	5/30/2025
tblConstructionPhase	PhaseEndDate	3/30/2035	12/15/2034
tblConstructionPhase	PhaseEndDate	9/29/2026	5/15/2025
tblConstructionPhase	PhaseEndDate	5/15/2031	5/15/2030
tblConstructionPhase	PhaseEndDate	12/2/2031	7/15/2031
tblConstructionPhase	PhaseEndDate	12/2/2019	8/15/2018
tblConstructionPhase	PhaseEndDate	2/16/2028	4/15/2027
tblConstructionPhase	PhaseEndDate	1/13/2032	3/15/2031
tblConstructionPhase	PhaseEndDate	2/13/2020	10/15/2018
tblConstructionPhase	PhaseEndDate	10/13/2028	3/15/2027
tblConstructionPhase	PhaseEndDate	11/28/2030	12/1/2030
tblConstructionPhase	PhaseStartDate	5/16/2030	3/15/2026
tblConstructionPhase	PhaseStartDate	12/16/2034	7/1/2031
tblConstructionPhase	PhaseStartDate	5/16/2025	2/1/2018
tblConstructionPhase	PhaseStartDate	3/16/2031	12/1/2030
tblConstructionPhase	PhaseStartDate	10/16/2018	6/1/2017
tblConstructionPhase	PhaseStartDate	3/16/2027	3/15/2026
tblConstructionPhase	PhaseStartDate	12/2/2030	7/15/2030
tblConstructionPhase	PhaseStartDate	6/2/2018	2/15/2017
tblConstructionPhase	PhaseStartDate	5/16/2026	7/15/2025
tblConstructionPhase	PhaseStartDate	7/16/2031	9/15/2030
tblConstructionPhase	PhaseStartDate	8/16/2018	4/15/2017
tblConstructionPhase	PhaseStartDate	4/16/2027	9/15/2025
tblConstructionPhase	PhaseStartDate	5/31/2030	6/1/2030
tblConstructionPhase	PhaseStartDate	5/31/2025	6/1/2025
tblFireplaces	FireplaceWoodMass	3,078.40	0.00

tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	540.10	0.00
tblFireplaces	NumberGas	1,014.75	923.00
tblFireplaces	NumberNoFireplace	98.20	982.00
tblFireplaces	NumberNoFireplace	184.50	922.00
tblFireplaces	NumberWood	343.70	0.00
tblFireplaces	NumberWood	645.75	0.00
tblGrading	AcresOfGrading	655.00	1,937.50
tblGrading	AcresOfGrading	977.50	1,937.50
tblGrading	AcresOfGrading	1,145.00	1,937.50
tblLandUse	LandUseSquareFeet	66,882.70	84,000.00
tblLandUse	LandUseSquareFeet	982,000.00	1,393,000.00
tblLandUse	LandUseSquareFeet	3,321,000.00	3,523,000.00
tblLandUse	LotAcreage	0.78	4.09
tblLandUse	LotAcreage	1.54	9.62
tblLandUse	LotAcreage	25.84	63.94
tblLandUse	LotAcreage	599.03	325.31
tblLandUse	LotAcreage	10.15	76.79
tblLandUse	Population	2,809.00	2,592.00
tblLandUse	Population	5,277.00	4,870.00
tblProjectCharacteristics	OperationalYear	2014	2020
tblSolidWaste	SolidWasteGenerationRate	451.72	1,387.50
tblSolidWaste	SolidWasteGenerationRate	146.00	448.50
tblSolidWaste	SolidWasteGenerationRate	31.62	97.10
tblSolidWaste	SolidWasteGenerationRate	1,753.20	5,385.30
tblSolidWaste	SolidWasteGenerationRate	464.10	1,425.60
tblVehicleTrips	CC_TL	7.30	6.56
tblVehicleTrips	CC_TL	7.30	6.56

tblVehicleTrips	CC_TL	7.30	6.56
tblVehicleTrips	CNW_TL	7.30	6.56
tblVehicleTrips	CNW_TL	7.30	6.56
tblVehicleTrips	CNW_TL	7.30	6.56
tblVehicleTrips	CW_TL	9.50	6.56
tblVehicleTrips	CW_TL	9.50	6.56
tblVehicleTrips	CW_TL	9.50	6.56
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	HO_TL	7.50	6.56
tblVehicleTrips	HO_TL	7.50	6.56
tblVehicleTrips	HS_TL	7.30	6.56
tblVehicleTrips	HS_TL	7.30	6.56
tblVehicleTrips	HW_TL	10.80	6.56
tblVehicleTrips	HW_TL	10.80	6.56
tblVehicleTrips	PB_TP	3.00	19.30
tblVehicleTrips	PB_TP	12.00	19.30
tblVehicleTrips	PB_TP	4.00	19.30
tblVehicleTrips	PB_TP	3.00	19.30
tblVehicleTrips	PB_TP	15.00	19.30
tblVehicleTrips	PR_TP	86.00	80.70
tblVehicleTrips	PR_TP	63.00	80.70
tblVehicleTrips	PR_TP	77.00	80.70
tblVehicleTrips	PR_TP	86.00	80.70
tblVehicleTrips	PR_TP	45.00	80.70

tblVehicleTrips	ST_TR	7.16	6.65
tblVehicleTrips	ST_TR	2.37	11.03
tblVehicleTrips	ST_TR	10.08	9.52
tblVehicleTrips	ST_TR	42.04	42.70
tblVehicleTrips	SU_TR	6.07	6.65
tblVehicleTrips	SU_TR	0.98	11.03
tblVehicleTrips	SU_TR	8.77	9.52
tblVehicleTrips	SU_TR	20.43	42.70
tblVehicleTrips	WD_TR	6.59	6.65
tblVehicleTrips	WD_TR	11.01	11.03
tblVehicleTrips	WD_TR	9.57	9.52
tblVehicleTrips	WD_TR	44.32	42.70
tblWater	IndoorWaterUseRate	63,981,253.16	46,591,087.37
tblWater	IndoorWaterUseRate	1,939,392.00	7,566,994.30
tblWater	IndoorWaterUseRate	6,042,947.43	2,423,546.28
tblWater	IndoorWaterUseRate	120,209,177.27	197,026,066.55
tblWater	IndoorWaterUseRate	32,740,054.50	78,379,813.95
tblWater	OutdoorWaterUseRate	40,336,007.43	27,312,016.73
tblWater	OutdoorWaterUseRate	4,987,008.00	4,815,360.01
tblWater	OutdoorWaterUseRate	3,703,741.97	1,530,660.81
tblWater	OutdoorWaterUseRate	75,784,046.54	115,498,039.01
tblWater	OutdoorWaterUseRate	20,066,485.01	8,708,868.22
tblWaterMitigation	UseWaterEfficientIrrigationSystemPercentReduction	6.1	20
tblWoodstoves	NumberCatalytic	49.10	0.00
tblWoodstoves	NumberCatalytic	92.25	0.00
tblWoodstoves	NumberNoncatalytic	49.10	0.00
tblWoodstoves	NumberNoncatalytic	92.25	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00

tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2017	4.0711	21.6242	21.7840	0.0349	6.7165	1.0238	7.7403	2.9106	0.9445	3.8551	0.0000	2,962.3336	2,962.3336	0.4903	0.0000	2,972.6291
2018	9.4252	17.2933	23.8231	0.0482	7.7985	0.7417	8.5402	3.2014	0.6878	3.8892	0.0000	3,843.6486	3,843.6486	0.4232	0.0000	3,852.5353
2019	8.6892	7.4509	15.9467	0.0387	2.2470	0.2547	2.5018	0.6050	0.2392	0.8441	0.0000	2,899.5254	2,899.5254	0.1478	0.0000	2,902.6301
2020	8.5020	6.5738	15.2036	0.0388	2.2557	0.2246	2.4803	0.6073	0.2108	0.8181	0.0000	2,822.2319	2,822.2319	0.1434	0.0000	2,825.2429
2021	8.1513	5.6607	14.3026	0.0386	2.2471	0.1957	2.4429	0.6050	0.1837	0.7887	0.0000	2,785.7378	2,785.7378	0.1391	0.0000	2,788.6585
2022	7.9647	5.0480	13.7406	0.0384	2.2386	0.1732	2.4118	0.6027	0.1625	0.7653	0.0000	2,752.5912	2,752.5912	0.1359	0.0000	2,755.4442
2023	7.8245	4.6080	13.2569	0.0384	2.2386	0.1555	2.3941	0.6027	0.1458	0.7485	0.0000	2,731.7548	2,731.7548	0.1328	0.0000	2,734.5442
2024	7.7453	4.4580	12.9685	0.0387	2.2559	0.1444	2.4003	0.6074	0.1353	0.7427	0.0000	2,735.6651	2,735.6651	0.1317	0.0000	2,738.4298
2025	3.4808	5.3917	9.1783	0.0224	5.5384	0.2167	5.7550	2.3454	0.2001	2.5456	0.0000	1,706.4671	1,706.4671	0.2661	0.0000	1,712.0546
2026	9.4093	9.1872	17.1907	0.0443	6.5070	0.3643	6.8713	2.6062	0.3368	2.9430	0.0000	3,320.5683	3,320.5683	0.4694	0.0000	3,330.4266
2027	10.9792	5.4275	13.7551	0.0416	4.6627	0.1873	4.8500	1.4765	0.1744	1.6509	0.0000	2,946.9008	2,946.9008	0.2097	0.0000	2,951.3034

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2028	10.7401	4.1363	11.9581	0.0384	2.2388	0.1317	2.3704	0.6028	0.1232	0.7260	0.0000	2,666.4441	2,666.4441	0.1257	0.0000	2,669.0842
2029	10.7086	4.1242	11.8361	0.0386	2.2474	0.1323	2.3797	0.6051	0.1238	0.7289	0.0000	2,668.5562	2,668.5562	0.1253	0.0000	2,671.1881
2030	4.9355	3.5316	8.6131	0.0258	4.0251	0.1061	4.1311	1.4686	0.1040	1.5726	0.0000	1,990.0601	1,990.0601	0.0639	0.0000	1,991.4017
2031	7.5700	4.5040	13.3294	0.0427	3.9198	0.1200	4.0398	1.1114	0.1156	1.2270	0.0000	3,100.2889	3,100.2889	0.0837	0.0000	3,102.0471
2032	12.1229	3.4381	11.4691	0.0392	2.2561	0.0795	2.3356	0.6075	0.0750	0.6825	0.0000	2,701.7911	2,701.7911	0.0659	0.0000	2,703.1753
2033	11.9650	3.3911	11.2756	0.0389	2.2389	0.0790	2.3178	0.6029	0.0745	0.6774	0.0000	2,677.3750	2,677.3750	0.0649	0.0000	2,678.7375
2034	11.8356	3.2515	10.7895	0.0376	2.1650	0.0761	2.2412	0.5829	0.0718	0.6548	0.0000	2,580.7777	2,580.7777	0.0622	0.0000	2,582.0845
Total	**156.1203**	**119.1001**	**250.4207**	**0.6841**	**63.7969**	**4.4065**	**68.2034**	**21.7516**	**4.1087**	**25.8603**	**0.0000**	**49,892.7179**	**49,892.7179**	**3.2809**	**0.0000**	**49,961.6169**

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2017	3.0204	13.5474	19.2972	0.0349	3.6657	0.3843	4.0500	1.4832	0.3774	1.8606	0.0000	2,960.5511	2,960.5511	0.4897	0.0000	2,970.8354
2018	8.7441	12.9202	23.0710	0.0482	4.7477	0.3359	5.0836	1.7741	0.3269	2.1010	0.0000	3,842.2151	3,842.2151	0.4228	0.0000	3,851.0930
2019	8.4792	6.4912	16.0737	0.0386	2.2470	0.1328	2.3798	0.6050	0.1288	0.7338	0.0000	2,899.1223	2,899.1223	0.1478	0.0000	2,902.2251
2020	8.3202	5.8698	15.3679	0.0388	2.2557	0.1254	2.3810	0.6073	0.1219	0.7292	0.0000	2,821.8327	2,821.8327	0.1433	0.0000	2,824.8418
2021	7.9966	5.1993	14.4972	0.0386	2.2471	0.1180	2.3652	0.6050	0.1150	0.7200	0.0000	2,785.3400	2,785.3400	0.1390	0.0000	2,788.2589

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	7.8343	4.8323	13.9593	0.0384	2.2386	0.1155	2.3541	0.6027	0.1126	0.7153	0.0000	2,752.1948	2,752.1948	0.1358	0.0000	2,755.0460
2023	7.7102	4.5596	13.4890	0.0384	2.2386	0.1122	2.3508	0.6027	0.1094	0.7122	0.0000	2,731.3583	2,731.3583	0.1327	0.0000	2,734.1459
2024	7.6423	4.5376	13.2106	0.0387	2.2559	0.1124	2.3683	0.6074	0.1096	0.7170	0.0000	2,735.2655	2,735.2655	0.1316	0.0000	2,738.0283
2025	3.2632	5.2630	9.2841	0.0224	2.9728	0.1408	3.1135	1.1848	0.1431	1.3279	0.0000	1,705.5196	1,705.5196	0.2658	0.0000	1,711.1009
2026	9.1129	9.4465	17.6562	0.0442	3.9414	0.2656	4.2070	1.4456	0.2626	1.7081	0.0000	3,318.9042	3,318.9042	0.4689	0.0000	3,328.7519
2027	10.8493	5.7048	14.0872	0.0416	3.3392	0.1525	3.4917	0.9985	0.1487	1.1472	0.0000	2,946.1999	2,946.1999	0.2095	0.0000	2,950.5987
2028	10.6505	4.3456	12.2075	0.0384	2.2388	0.1114	2.3502	0.6028	0.1085	0.7113	0.0000	2,666.0474	2,666.0474	0.1256	0.0000	2,668.6857
2029	10.6187	4.3343	12.0864	0.0386	2.2474	0.1119	2.3593	0.6051	0.1091	0.7142	0.0000	2,668.1581	2,668.1581	0.1252	0.0000	2,670.7881
2030	4.7278	4.9183	9.3674	0.0258	2.3803	0.1278	2.5080	0.8141	0.1320	0.9460	0.0000	1,988.9627	1,988.9627	0.0638	0.0000	1,990.3033
2031	7.4141	5.9364	13.8131	0.0427	2.9208	0.1568	3.0776	0.8119	0.1555	0.9674	0.0000	3,099.2470	3,099.2470	0.0837	0.0000	3,101.0042
2032	12.0382	4.2560	11.7049	0.0392	2.2561	0.1094	2.3655	0.6075	0.1065	0.7140	0.0000	2,701.3435	2,701.3435	0.0659	0.0000	2,702.7273
2033	11.8809	4.2028	11.5096	0.0389	2.2389	0.1086	2.3475	0.6029	0.1057	0.7086	0.0000	2,676.9307	2,676.9307	0.0649	0.0000	2,678.2929
2034	11.7543	4.0344	11.0147	0.0376	2.1650	0.1047	2.2698	0.5829	0.1020	0.6849	0.0000	2,580.3491	2,580.3491	0.0622	0.0000	2,581.6555
Total	**152.0571**	**110.3992**	**251.6967**	**0.6839**	**48.5968**	**2.8259**	**51.4227**	**15.1435**	**2.7752**	**17.9186**	**0.0000**	**49,879.5420**	**49,879.5420**	**3.2781**	**0.0000**	**49,948.3827**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**2.60**	**7.31**	**-0.51**	**0.02**	**23.83**	**35.87**	**24.60**	**30.38**	**32.46**	**30.71**	**0.00**	**0.03**	**0.03**	**0.08**	**0.00**	**0.03**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	30.3441	0.2437	21.0764	1.1100e-003		0.1666	0.1666		0.1661	0.1661	0.0000	761.3117	761.3117	0.0474	0.0133	766.4395
Energy	0.4097	3.5209	1.6375	0.0224		0.2830	0.2830		0.2830	0.2830	0.0000	12,736.2131	12,736.2131	0.3949	0.1400	12,787.8905
Mobile	52.5039	49.8777	210.8560	0.4865	31.5056	0.7066	32.2122	8.4485	0.6512	9.0997	0.0000	34,463.7263	34,463.7263	1.1301	0.0000	34,487.4592
Waste						0.0000	0.0000		0.0000	0.0000	1,774.9530	0.0000	1,774.9530	104.8967	0.0000	3,977.7840
Water						0.0000	0.0000		0.0000	0.0000	105.3243	845.7530	951.0773	10.8487	0.2618	1,260.0660
Total	**83.2577**	**53.6423**	**233.5699**	**0.5100**	**31.5056**	**1.1563**	**32.6618**	**8.4485**	**1.1003**	**9.5488**	**1,880.2773**	**48,807.0041**	**50,687.2814**	**117.3179**	**0.4151**	**53,279.6392**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	25.4138	0.2396	20.6708	1.0800e-003		0.1642	0.1642		0.1637	0.1637	0.0000	760.4873	760.4873	0.0462	0.0133	765.5881
Energy	0.3246	2.7888	1.2922	0.0177		0.2242	0.2242		0.2242	0.2242	0.0000	9,010.2778	9,010.2778	0.2734	0.1027	9,047.8603
Mobile	50.3514	47.9571	205.1293	0.4633	29.9294	0.6747	30.6040	8.0258	0.6218	8.6476	0.0000	32,814.9134	32,814.9134	1.0815	0.0000	32,837.6258
Waste						0.0000	0.0000		0.0000	0.0000	1,774.9530	0.0000	1,774.9530	104.8967	0.0000	3,977.7840
Water						0.0000	0.0000		0.0000	0.0000	84.2595	660.8801	745.1396	8.6768	0.2090	992.1472
Total	**76.0897**	**50.9854**	**227.0923**	**0.4821**	**29.9294**	**1.0631**	**30.9925**	**8.0258**	**1.0097**	**9.0355**	**1,859.2124**	**43,246.5586**	**45,105.7710**	**114.9746**	**0.3251**	**47,621.0054**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**8.61**	**4.95**	**2.77**	**5.47**	**5.00**	**8.05**	**5.11**	**5.00**	**8.23**	**5.38**	**1.12**	**11.39**	**11.01**	**2.00**	**21.69**	**10.62**

2.3 Vegetation

Vegetation

	CO2e
Category	MT
Vegetation Land Change	-2,160.4306
Total	**-2,160.4306**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation Phase I	Site Preparation	1/1/2017	6/1/2018	5	370	
2	Grading Phase I	Grading	2/15/2017	8/15/2018	5	391	
3	Paving Phase I	Paving	4/15/2017	10/15/2018	5	391	
4	Building Construction Phase I	Building Construction	6/1/2017	5/15/2025	5	2076	
5	Architectural Coating Phase I	Architectural Coating	2/1/2018	5/30/2025	5	1912	
6	Site Preparation Phase II	Site Preparation	6/1/2025	5/15/2026	5	250	
7	Grading Phase II	Grading	7/15/2025	4/15/2027	5	458	
8	Paving Phase II	Paving	9/15/2025	3/15/2027	5	391	
9	Building Construction Phase II	Building Construction	3/15/2026	5/15/2030	5	1088	
10	Architectural Coating Phase II	Architectural Coating	3/15/2026	5/30/2030	5	1099	
11	Site Preparation Phase III	Site Preparation	6/1/2030	12/1/2030	5	130	
12	Grading Phase III	Grading	7/15/2030	7/15/2031	5	262	
13	Paving Phase III	Paving	9/15/2030	3/15/2031	5	130	
14	Building Construction Phase III	Building Construction	12/1/2030	12/15/2034	5	1055	
15	Architectural Coating Phase III	Architectural Coating	7/1/2031	12/30/2034	5	914	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 9,954,900; Residential Outdoor: 3,318,300; Non-Residential Indoor: 840,000; Non-Residential Outdoor: 280,000

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation Phase I	Rubber Tired Dozers	3	8.00	255	0.40
Site Preparation Phase I	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading Phase I	Excavators	2	8.00	162	0.38

Grading Phase I	Graders	1	8.00	174	0.41
Grading Phase I	Rubber Tired Dozers	1	8.00	255	0.40
Grading Phase I	Scrapers	2	8.00	361	0.48
Grading Phase I	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving Phase I	Pavers	2	8.00	125	0.42
Paving Phase I	Paving Equipment	2	8.00	130	0.36
Paving Phase I	Rollers	2	8.00	80	0.38
Building Construction Phase I	Cranes	1	7.00	226	0.29
Building Construction Phase I	Forklifts	3	8.00	89	0.20
Building Construction Phase I	Generator Sets	1	8.00	84	0.74
Building Construction Phase I	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction Phase I	Welders	1	8.00	46	0.45
Architectural Coating Phase I	Air Compressors	1	6.00	78	0.48
Site Preparation Phase II	Rubber Tired Dozers	3	8.00	255	0.40
Site Preparation Phase II	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading Phase II	Excavators	2	8.00	162	0.38
Grading Phase II	Graders	1	8.00	174	0.41
Grading Phase II	Rubber Tired Dozers	1	8.00	255	0.40
Grading Phase II	Scrapers	2	8.00	361	0.48
Grading Phase II	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving Phase II	Pavers	2	8.00	125	0.42
Paving Phase II	Paving Equipment	2	8.00	130	0.36
Paving Phase II	Rollers	2	8.00	80	0.38
Building Construction Phase II	Cranes	1	7.00	226	0.29
Building Construction Phase II	Forklifts	3	8.00	89	0.20
Building Construction Phase II	Generator Sets	1	8.00	84	0.74
Building Construction Phase II	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction Phase II	Welders	1	8.00	46	0.45

Architectural Coating Phase II	Air Compressors	1	6.00	78	0.48
Site Preparation Phase III	Rubber Tired Dozers	3	8.00	255	0.40
Site Preparation Phase III	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading Phase III	Excavators	2	8.00	162	0.38
Grading Phase III	Graders	1	8.00	174	0.41
Grading Phase III	Rubber Tired Dozers	1	8.00	255	0.40
Grading Phase III	Scrapers	2	8.00	361	0.48
Grading Phase III	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving Phase III	Pavers	2	8.00	125	0.42
Paving Phase III	Paving Equipment	2	8.00	130	0.36
Paving Phase III	Rollers	2	8.00	80	0.38
Building Construction Phase III	Cranes	1	7.00	226	0.29
Building Construction Phase III	Forklifts	3	8.00	89	0.20
Building Construction Phase III	Generator Sets	1	8.00	84	0.74
Building Construction Phase III	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction Phase III	Welders	1	8.00	46	0.45
Architectural Coating Phase III	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation Phase I	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading Phase I	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving Phase I	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction Phase I	9	1,559.00	394.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating Phase I	1	312.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation Phase II	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading Phase II	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving Phase II	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction Phase II	9	1,559.00	394.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating Phase II	1	312.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation Phase III	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading Phase III	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving Phase III	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction Phase III	9	1,559.00	394.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating Phase III	1	312.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation Phase I - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.3423	0.0000	3.3423	1.8372	0.0000	1.8372	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6290	6.7280	5.1216	5.0800e-003		0.3581	0.3581		0.3294	0.3294	0.0000	472.1000	472.1000	0.1447	0.0000	475.1377
Total	**0.6290**	**6.7280**	**5.1216**	**5.0800e-003**	**3.3423**	**0.3581**	**3.7003**	**1.8372**	**0.3294**	**2.1666**	**0.0000**	**472.1000**	**472.1000**	**0.1447**	**0.0000**	**475.1377**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0313	8.3700e-003	0.0852	2.2000e-004	0.0184	1.2000e-004	0.0185	4.8900e-003	1.1000e-004	5.0000e-003	0.0000	15.5287	15.5287	7.0000e-004	0.0000	15.5434
Total	**0.0313**	**8.3700e-003**	**0.0852**	**2.2000e-004**	**0.0184**	**1.2000e-004**	**0.0185**	**4.8900e-003**	**1.1000e-004**	**5.0000e-003**	**0.0000**	**15.5287**	**15.5287**	**7.0000e-004**	**0.0000**	**15.5434**

3.2 Site Preparation Phase I - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.5040	0.0000	1.5040	0.8267	0.0000	0.8267	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1235	2.5266	3.0384	5.0800e-003		0.0571	0.0571		0.0655	0.0655	0.0000	471.5384	471.5384	0.1445	0.0000	474.5724
Total	**0.1235**	**2.5266**	**3.0384**	**5.0800e-003**	**1.5040**	**0.0571**	**1.5612**	**0.8267**	**0.0655**	**0.8923**	**0.0000**	**471.5384**	**471.5384**	**0.1445**	**0.0000**	**474.5724**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0313	8.3700e-003	0.0852	2.2000e-004	0.0184	1.2000e-004	0.0185	4.8900e-003	1.1000e-004	5.0000e-003	0.0000	15.5287	15.5287	7.0000e-004	0.0000	15.5434
Total	**0.0313**	**8.3700e-003**	**0.0852**	**2.2000e-004**	**0.0184**	**1.2000e-004**	**0.0185**	**4.8900e-003**	**1.1000e-004**	**5.0000e-003**	**0.0000**	**15.5287**	**15.5287**	**7.0000e-004**	**0.0000**	**15.5434**

3.2 Site Preparation Phase I - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.3423	0.0000	3.3423	1.8372	0.0000	1.8372	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2361	2.5085	1.9929	2.1500e-003		0.1301	0.1301		0.1197	0.1197	0.0000	196.5756	196.5756	0.0612	0.0000	197.8607
Total	**0.2361**	**2.5085**	**1.9929**	**2.1500e-003**	**3.3423**	**0.1301**	**3.4724**	**1.8372**	**0.1197**	**1.9569**	**0.0000**	**196.5756**	**196.5756**	**0.0612**	**0.0000**	**197.8607**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0122	3.1700e-003	0.0319	9.0000e-005	7.7700e-003	5.0000e-005	7.8300e-003	2.0700e-003	5.0000e-005	2.1200e-003	0.0000	6.3207	6.3207	2.7000e-004	0.0000	6.3264
Total	**0.0122**	**3.1700e-003**	**0.0319**	**9.0000e-005**	**7.7700e-003**	**5.0000e-005**	**7.8300e-003**	**2.0700e-003**	**5.0000e-005**	**2.1200e-003**	**0.0000**	**6.3207**	**6.3207**	**2.7000e-004**	**0.0000**	**6.3264**

3.2 Site Preparation Phase I - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.5040	0.0000	1.5040	0.8267	0.0000	0.8267	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0523	1.0689	1.2855	2.1500e-003		0.0242	0.0242		0.0277	0.0277	0.0000	196.3418	196.3418	0.0611	0.0000	197.6254
Total	**0.0523**	**1.0689**	**1.2855**	**2.1500e-003**	**1.5040**	**0.0242**	**1.5282**	**0.8267**	**0.0277**	**0.8545**	**0.0000**	**196.3418**	**196.3418**	**0.0611**	**0.0000**	**197.6254**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0122	3.1700e-003	0.0319	9.0000e-005	7.7700e-003	5.0000e-005	7.8300e-003	2.0700e-003	5.0000e-005	2.1200e-003	0.0000	6.3207	6.3207	2.7000e-004	0.0000	6.3264
Total	**0.0122**	**3.1700e-003**	**0.0319**	**9.0000e-005**	**7.7700e-003**	**5.0000e-005**	**7.8300e-003**	**2.0700e-003**	**5.0000e-005**	**2.1200e-003**	**0.0000**	**6.3207**	**6.3207**	**2.7000e-004**	**0.0000**	**6.3264**

3.3 Grading Phase I - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.2047	0.0000	2.2047	0.7581	0.0000	0.7581	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6953	7.9335	5.3358	7.0300e-003		0.3782	0.3782		0.3479	0.3479	0.0000	652.9227	652.9227	0.2001	0.0000	657.1238
Total	**0.6953**	**7.9335**	**5.3358**	**7.0300e-003**	**2.2047**	**0.3782**	**2.5828**	**0.7581**	**0.3479**	**1.1060**	**0.0000**	**652.9227**	**652.9227**	**0.2001**	**0.0000**	**657.1238**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0305	8.1600e-003	0.0831	2.1000e-004	0.0179	1.2000e-004	0.0180	4.7700e-003	1.1000e-004	4.8800e-003	0.0000	15.1306	15.1306	6.8000e-004	0.0000	15.1449
Total	**0.0305**	**8.1600e-003**	**0.0831**	**2.1000e-004**	**0.0179**	**1.2000e-004**	**0.0180**	**4.7700e-003**	**1.1000e-004**	**4.8800e-003**	**0.0000**	**15.1306**	**15.1306**	**6.8000e-004**	**0.0000**	**15.1449**

3.3 Grading Phase I - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.9921	0.0000	0.9921	0.3411	0.0000	0.3411	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3846	5.4923	4.8333	7.0300e-003		0.1915	0.1915		0.1821	0.1821	0.0000	652.1460	652.1460	0.1998	0.0000	656.3421
Total	**0.3846**	**5.4923**	**4.8333**	**7.0300e-003**	**0.9921**	**0.1915**	**1.1836**	**0.3411**	**0.1821**	**0.5232**	**0.0000**	**652.1460**	**652.1460**	**0.1998**	**0.0000**	**656.3421**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0305	8.1600e-003	0.0831	2.1000e-004	0.0179	1.2000e-004	0.0180	4.7700e-003	1.1000e-004	4.8800e-003	0.0000	15.1306	15.1306	6.8000e-004	0.0000	15.1449
Total	**0.0305**	**8.1600e-003**	**0.0831**	**2.1000e-004**	**0.0179**	**1.2000e-004**	**0.0180**	**4.7700e-003**	**1.1000e-004**	**4.8800e-003**	**0.0000**	**15.1306**	**15.1306**	**6.8000e-004**	**0.0000**	**15.1449**

3.3 Grading Phase I - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.2047	0.0000	2.2047	0.7581	0.0000	0.7581	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4311	4.8520	3.4480	5.0300e-003		0.2272	0.2272		0.2091	0.2091	0.0000	459.3471	459.3471	0.1430	0.0000	462.3502
Total	**0.4311**	**4.8520**	**3.4480**	**5.0300e-003**	**2.2047**	**0.2272**	**2.4319**	**0.7581**	**0.2091**	**0.9671**	**0.0000**	**459.3471**	**459.3471**	**0.1430**	**0.0000**	**462.3502**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0200	5.2200e-003	0.0526	1.5000e-004	0.0128	8.0000e-005	0.0129	3.4100e-003	8.0000e-005	3.4800e-003	0.0000	10.4068	10.4068	4.5000e-004	0.0000	10.4162
Total	**0.0200**	**5.2200e-003**	**0.0526**	**1.5000e-004**	**0.0128**	**8.0000e-005**	**0.0129**	**3.4100e-003**	**8.0000e-005**	**3.4800e-003**	**0.0000**	**10.4068**	**10.4068**	**4.5000e-004**	**0.0000**	**10.4162**

3.3 Grading Phase I - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.9921	0.0000	0.9921	0.3411	0.0000	0.3411	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2471	3.5425	3.2022	5.0200e-003		0.1199	0.1199		0.1145	0.1145	0.0000	458.8007	458.8007	0.1428	0.0000	461.8001
Total	**0.2471**	**3.5425**	**3.2022**	**5.0200e-003**	**0.9921**	**0.1199**	**1.1120**	**0.3411**	**0.1145**	**0.4556**	**0.0000**	**458.8007**	**458.8007**	**0.1428**	**0.0000**	**461.8001**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0200	5.2200e-003	0.0526	1.5000e-004	0.0128	8.0000e-005	0.0129	3.4100e-003	8.0000e-005	3.4800e-003	0.0000	10.4068	10.4068	4.5000e-004	0.0000	10.4162
Total	**0.0200**	**5.2200e-003**	**0.0526**	**1.5000e-004**	**0.0128**	**8.0000e-005**	**0.0129**	**3.4100e-003**	**8.0000e-005**	**3.4800e-003**	**0.0000**	**10.4068**	**10.4068**	**4.5000e-004**	**0.0000**	**10.4162**

3.4 Paving Phase I - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1764	1.8774	1.3623	2.0600e-003		0.1053	0.1053		0.0969	0.0969	0.0000	191.4141	191.4141	0.0587	0.0000	192.6457
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1764**	**1.8774**	**1.3623**	**2.0600e-003**		**0.1053**	**0.1053**		**0.0969**	**0.0969**	**0.0000**	**191.4141**	**191.4141**	**0.0587**	**0.0000**	**192.6457**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0185	4.9600e-003	0.0505	1.3000e-004	0.0109	7.0000e-005	0.0110	2.9000e-003	7.0000e-005	2.9700e-003	0.0000	9.2077	9.2077	4.1000e-004	0.0000	9.2165
Total	**0.0185**	**4.9600e-003**	**0.0505**	**1.3000e-004**	**0.0109**	**7.0000e-005**	**0.0110**	**2.9000e-003**	**7.0000e-005**	**2.9700e-003**	**0.0000**	**9.2077**	**9.2077**	**4.1000e-004**	**0.0000**	**9.2165**

3.4 Paving Phase I - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0967	1.3701	1.4549	2.0600e-003		0.0531	0.0531		0.0502	0.0502	0.0000	191.1864	191.1864	0.0586	0.0000	192.4166
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0967**	**1.3701**	**1.4549**	**2.0600e-003**		**0.0531**	**0.0531**		**0.0502**	**0.0502**	**0.0000**	**191.1864**	**191.1864**	**0.0586**	**0.0000**	**192.4166**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0185	4.9600e-003	0.0505	1.3000e-004	0.0109	7.0000e-005	0.0110	2.9000e-003	7.0000e-005	2.9700e-003	0.0000	9.2077	9.2077	4.1000e-004	0.0000	9.2165
Total	**0.0185**	**4.9600e-003**	**0.0505**	**1.3000e-004**	**0.0109**	**7.0000e-005**	**0.0110**	**2.9000e-003**	**7.0000e-005**	**2.9700e-003**	**0.0000**	**9.2077**	**9.2077**	**4.1000e-004**	**0.0000**	**9.2165**

3.4 Paving Phase I - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1660	1.7678	1.4929	2.3000e-003		0.0967	0.0967		0.0890	0.0890	0.0000	209.7980	209.7980	0.0653	0.0000	211.1696
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1660**	**1.7678**	**1.4929**	**2.3000e-003**		**0.0967**	**0.0967**		**0.0890**	**0.0890**	**0.0000**	**209.7980**	**209.7980**	**0.0653**	**0.0000**	**211.1696**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0190	4.9400e-003	0.0498	1.4000e-004	0.0121	8.0000e-005	0.0122	3.2300e-003	7.0000e-005	3.3000e-003	0.0000	9.8641	9.8641	4.2000e-004	0.0000	9.8730
Total	**0.0190**	**4.9400e-003**	**0.0498**	**1.4000e-004**	**0.0121**	**8.0000e-005**	**0.0122**	**3.2300e-003**	**7.0000e-005**	**3.3000e-003**	**0.0000**	**9.8641**	**9.8641**	**4.2000e-004**	**0.0000**	**9.8730**

3.4 Paving Phase I - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0982	1.4102	1.6156	2.3000e-003		0.0532	0.0532		0.0504	0.0504	0.0000	209.5485	209.5485	0.0652	0.0000	210.9184
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0982**	**1.4102**	**1.6156**	**2.3000e-003**		**0.0532**	**0.0532**		**0.0504**	**0.0504**	**0.0000**	**209.5485**	**209.5485**	**0.0652**	**0.0000**	**210.9184**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0190	4.9400e-003	0.0498	1.4000e-004	0.0121	8.0000e-005	0.0122	3.2300e-003	7.0000e-005	3.3000e-003	0.0000	9.8641	9.8641	4.2000e-004	0.0000	9.8730
Total	**0.0190**	**4.9400e-003**	**0.0498**	**1.4000e-004**	**0.0121**	**8.0000e-005**	**0.0122**	**3.2300e-003**	**7.0000e-005**	**3.3000e-003**	**0.0000**	**9.8641**	**9.8641**	**4.2000e-004**	**0.0000**	**9.8730**

3.5 Building Construction Phase I - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2358	2.0068	1.3778	2.0400e-003		0.1354	0.1354		0.1272	0.1272	0.0000	182.0041	182.0041	0.0448	0.0000	182.9448
Total	**0.2358**	**2.0068**	**1.3778**	**2.0400e-003**		**0.1354**	**0.1354**		**0.1272**	**0.1272**	**0.0000**	**182.0041**	**182.0041**	**0.0448**	**0.0000**	**182.9448**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.6720	2.6332	4.0520	7.1300e-003	0.1920	0.0404	0.2323	0.0551	0.0371	0.0922	0.0000	637.7416	637.7416	4.8900e-003	0.0000	637.8442
Worker	1.5824	0.4239	4.3158	0.0110	0.9304	6.2400e-003	0.9367	0.2477	5.7400e-003	0.2534	0.0000	786.2841	786.2841	0.0354	0.0000	787.0282
Total	**2.2544**	**3.0571**	**8.3678**	**0.0181**	**1.1224**	**0.0466**	**1.1690**	**0.3028**	**0.0429**	**0.3456**	**0.0000**	**1,424.0257**	**1,424.0257**	**0.0403**	**0.0000**	**1,424.8724**

3.5 Building Construction Phase I - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0809	1.0798	1.3839	2.0400e-003		0.0356	0.0356		0.0365	0.0365	0.0000	181.7876	181.7876	0.0447	0.0000	182.7272
Total	**0.0809**	**1.0798**	**1.3839**	**2.0400e-003**		**0.0356**	**0.0356**		**0.0365**	**0.0365**	**0.0000**	**181.7876**	**181.7876**	**0.0447**	**0.0000**	**182.7272**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.6720	2.6332	4.0520	7.1300e-003	0.1920	0.0404	0.2323	0.0551	0.0371	0.0922	0.0000	637.7416	637.7416	4.8900e-003	0.0000	637.8442
Worker	1.5824	0.4239	4.3158	0.0110	0.9304	6.2400e-003	0.9367	0.2477	5.7400e-003	0.2534	0.0000	786.2841	786.2841	0.0354	0.0000	787.0282
Total	**2.2544**	**3.0571**	**8.3678**	**0.0181**	**1.1224**	**0.0466**	**1.1690**	**0.3028**	**0.0429**	**0.3456**	**0.0000**	**1,424.0257**	**1,424.0257**	**0.0403**	**0.0000**	**1,424.8724**

3.5 Building Construction Phase I - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3483	3.0355	2.2880	3.5000e-003		0.1950	0.1950		0.1833	0.1833	0.0000	308.9844	308.9844	0.0756	0.0000	310.5723
Total	**0.3483**	**3.0355**	**2.2880**	**3.5000e-003**		**0.1950**	**0.1950**		**0.1833**	**0.1833**	**0.0000**	**308.9844**	**308.9844**	**0.0756**	**0.0000**	**310.5723**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0521	4.1077	6.4862	0.0122	0.3296	0.0621	0.3917	0.0946	0.0571	0.1518	0.0000	1,075.9893	1,075.9893	8.0600e-003	0.0000	1,076.1586
Worker	2.4972	0.6510	6.5625	0.0188	1.5977	0.0105	1.6082	0.4252	9.7200e-003	0.4350	0.0000	1,298.9332	1,298.9332	0.0558	0.0000	1,300.1045
Total	**3.5493**	**4.7587**	**13.0486**	**0.0310**	**1.9273**	**0.0726**	**1.9999**	**0.5199**	**0.0669**	**0.5867**	**0.0000**	**2,374.9225**	**2,374.9225**	**0.0638**	**0.0000**	**2,376.2631**

3.5 Building Construction Phase I - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1313	1.8464	2.3694	3.4900e-003		0.0592	0.0592		0.0608	0.0608	0.0000	308.6169	308.6169	0.0755	0.0000	310.2029
Total	**0.1313**	**1.8464**	**2.3694**	**3.4900e-003**		**0.0592**	**0.0592**		**0.0608**	**0.0608**	**0.0000**	**308.6169**	**308.6169**	**0.0755**	**0.0000**	**310.2029**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0521	4.1077	6.4862	0.0122	0.3296	0.0621	0.3917	0.0946	0.0571	0.1518	0.0000	1,075.9893	1,075.9893	8.0600e-003	0.0000	1,076.1586
Worker	2.4972	0.6510	6.5625	0.0188	1.5977	0.0105	1.6082	0.4252	9.7200e-003	0.4350	0.0000	1,298.9332	1,298.9332	0.0558	0.0000	1,300.1045
Total	**3.5493**	**4.7587**	**13.0486**	**0.0310**	**1.9273**	**0.0726**	**1.9999**	**0.5199**	**0.0669**	**0.5867**	**0.0000**	**2,374.9225**	**2,374.9225**	**0.0638**	**0.0000**	**2,376.2631**

3.5 Building Construction Phase I - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3069	2.7359	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5302	305.5302	0.0743	0.0000	307.0913
Total	**0.3069**	**2.7359**	**2.2342**	**3.5000e-003**		**0.1677**	**0.1677**		**0.1577**	**0.1577**	**0.0000**	**305.5302**	**305.5302**	**0.0743**	**0.0000**	**307.0913**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.9700	3.7602	6.2484	0.0122	0.3296	0.0576	0.3872	0.0947	0.0530	0.1476	0.0000	1,057.8751	1,057.8751	7.8400e-003	0.0000	1,058.0398
Worker	2.3533	0.5959	6.0192	0.0188	1.5977	0.0105	1.6082	0.4252	9.7300e-003	0.4350	0.0000	1,252.1996	1,252.1996	0.0524	0.0000	1,253.2993
Total	**3.3233**	**4.3562**	**12.2676**	**0.0310**	**1.9273**	**0.0681**	**1.9954**	**0.5199**	**0.0627**	**0.5826**	**0.0000**	**2,310.0747**	**2,310.0747**	**0.0602**	**0.0000**	**2,311.3391**

3.5 Building Construction Phase I - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1239	1.8389	2.3626	3.4900e-003		0.0574	0.0574		0.0590	0.0590	0.0000	305.1668	305.1668	0.0743	0.0000	306.7260
Total	**0.1239**	**1.8389**	**2.3626**	**3.4900e-003**		**0.0574**	**0.0574**		**0.0590**	**0.0590**	**0.0000**	**305.1668**	**305.1668**	**0.0743**	**0.0000**	**306.7260**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.9700	3.7602	6.2484	0.0122	0.3296	0.0576	0.3872	0.0947	0.0530	0.1476	0.0000	1,057.8751	1,057.8751	7.8400e-003	0.0000	1,058.0398
Worker	2.3533	0.5959	6.0192	0.0188	1.5977	0.0105	1.6082	0.4252	9.7300e-003	0.4350	0.0000	1,252.1996	1,252.1996	0.0524	0.0000	1,253.2993
Total	**3.3233**	**4.3562**	**12.2676**	**0.0310**	**1.9273**	**0.0681**	**1.9954**	**0.5199**	**0.0627**	**0.5826**	**0.0000**	**2,310.0747**	**2,310.0747**	**0.0602**	**0.0000**	**2,311.3391**

3.5 Building Construction Phase I - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2766	2.5000	2.2019	3.5100e-003		0.1458	0.1458		0.1371	0.1371	0.0000	302.1514	302.1514	0.0736	0.0000	303.6973
Total	**0.2766**	**2.5000**	**2.2019**	**3.5100e-003**		**0.1458**	**0.1458**		**0.1371**	**0.1371**	**0.0000**	**302.1514**	**302.1514**	**0.0736**	**0.0000**	**303.6973**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.9334	3.1903	6.0787	0.0122	0.3309	0.0516	0.3825	0.0950	0.0474	0.1425	0.0000	1,037.8788	1,037.8788	7.5900e-003	0.0000	1,038.0383
Worker	2.2410	0.5524	5.5686	0.0189	1.6038	0.0106	1.6144	0.4269	9.8000e-003	0.4367	0.0000	1,207.1660	1,207.1660	0.0497	0.0000	1,208.2086
Total	**3.1744**	**3.7427**	**11.6473**	**0.0311**	**1.9347**	**0.0621**	**1.9969**	**0.5219**	**0.0572**	**0.5791**	**0.0000**	**2,245.0449**	**2,245.0449**	**0.0572**	**0.0000**	**2,246.2470**

3.5 Building Construction Phase I - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1187	1.8390	2.3664	3.5100e-003		0.0559	0.0559		0.0575	0.0575	0.0000	301.7919	301.7919	0.0735	0.0000	303.3360
Total	**0.1187**	**1.8390**	**2.3664**	**3.5100e-003**		**0.0559**	**0.0559**		**0.0575**	**0.0575**	**0.0000**	**301.7919**	**301.7919**	**0.0735**	**0.0000**	**303.3360**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.9334	3.1903	6.0787	0.0122	0.3309	0.0516	0.3825	0.0950	0.0474	0.1425	0.0000	1,037.8788	1,037.8788	7.5900e-003	0.0000	1,038.0383
Worker	2.2410	0.5524	5.5686	0.0189	1.6038	0.0106	1.6144	0.4269	9.8000e-003	0.4367	0.0000	1,207.1660	1,207.1660	0.0497	0.0000	1,208.2086
Total	**3.1744**	**3.7427**	**11.6473**	**0.0311**	**1.9347**	**0.0621**	**1.9969**	**0.5219**	**0.0572**	**0.5791**	**0.0000**	**2,245.0449**	**2,245.0449**	**0.0572**	**0.0000**	**2,246.2470**

3.5 Building Construction Phase I - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2471	2.2629	2.1582	3.5000e-003		0.1246	0.1246		0.1172	0.1172	0.0000	301.0339	301.0339	0.0725	0.0000	302.5568
Total	**0.2471**	**2.2629**	**2.1582**	**3.5000e-003**		**0.1246**	**0.1246**		**0.1172**	**0.1172**	**0.0000**	**301.0339**	**301.0339**	**0.0725**	**0.0000**	**302.5568**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.7578	2.5793	5.6514	0.0122	0.3297	0.0461	0.3758	0.0947	0.0424	0.1371	0.0000	1,032.1435	1,032.1435	7.5200e-003	0.0000	1,032.3014
Worker	2.1369	0.5161	5.2127	0.0188	1.5977	0.0106	1.6083	0.4252	9.8600e-003	0.4351	0.0000	1,182.5740	1,182.5740	0.0473	0.0000	1,183.5671
Total	**2.8947**	**3.0953**	**10.8641**	**0.0310**	**1.9274**	**0.0567**	**1.9841**	**0.5199**	**0.0523**	**0.5722**	**0.0000**	**2,214.7175**	**2,214.7175**	**0.0548**	**0.0000**	**2,215.8685**

3.5 Building Construction Phase I - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1131	1.8239	2.3511	3.4900e-003		0.0540	0.0540		0.0556	0.0556	0.0000	300.6757	300.6757	0.0724	0.0000	302.1969
Total	**0.1131**	**1.8239**	**2.3511**	**3.4900e-003**		**0.0540**	**0.0540**		**0.0556**	**0.0556**	**0.0000**	**300.6757**	**300.6757**	**0.0724**	**0.0000**	**302.1969**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.7578	2.5793	5.6514	0.0122	0.3297	0.0461	0.3758	0.0947	0.0424	0.1371	0.0000	1,032.1435	1,032.1435	7.5200e-003	0.0000	1,032.3014
Worker	2.1369	0.5161	5.2127	0.0188	1.5977	0.0106	1.6083	0.4252	9.8600e-003	0.4351	0.0000	1,182.5740	1,182.5740	0.0473	0.0000	1,183.5671
Total	**2.8947**	**3.0953**	**10.8641**	**0.0310**	**1.9274**	**0.0567**	**1.9841**	**0.5199**	**0.0523**	**0.5722**	**0.0000**	**2,214.7175**	**2,214.7175**	**0.0548**	**0.0000**	**2,215.8685**

3.5 Building Construction Phase I - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2209	2.0197	2.1226	3.4900e-003		0.1047	0.1047		0.0986	0.0986	0.0000	299.9946	299.9946	0.0718	0.0000	301.5017
Total	**0.2209**	**2.0197**	**2.1226**	**3.4900e-003**		**0.1047**	**0.1047**		**0.0986**	**0.0986**	**0.0000**	**299.9946**	**299.9946**	**0.0718**	**0.0000**	**301.5017**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.7298	2.2632	5.4969	0.0121	0.3285	0.0450	0.3735	0.0944	0.0414	0.1358	0.0000	1,027.2483	1,027.2483	7.6100e-003	0.0000	1,027.4082
Worker	2.0428	0.4849	4.9039	0.0187	1.5916	0.0107	1.6023	0.4236	9.9300e-003	0.4335	0.0000	1,160.0059	1,160.0059	0.0453	0.0000	1,160.9564
Total	**2.7725**	**2.7481**	**10.4008**	**0.0308**	**1.9200**	**0.0557**	**1.9758**	**0.5180**	**0.0514**	**0.5693**	**0.0000**	**2,187.2543**	**2,187.2543**	**0.0529**	**0.0000**	**2,188.3646**

3.5 Building Construction Phase I - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1093	1.8109	2.3391	3.4800e-003		0.0525	0.0525		0.0541	0.0541	0.0000	299.6377	299.6377	0.0717	0.0000	301.1430
Total	**0.1093**	**1.8109**	**2.3391**	**3.4800e-003**		**0.0525**	**0.0525**		**0.0541**	**0.0541**	**0.0000**	**299.6377**	**299.6377**	**0.0717**	**0.0000**	**301.1430**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.7298	2.2632	5.4969	0.0121	0.3285	0.0450	0.3735	0.0944	0.0414	0.1358	0.0000	1,027.2483	1,027.2483	7.6100e-003	0.0000	1,027.4082
Worker	2.0428	0.4849	4.9039	0.0187	1.5916	0.0107	1.6023	0.4236	9.9300e-003	0.4335	0.0000	1,160.0059	1,160.0059	0.0453	0.0000	1,160.9564
Total	**2.7725**	**2.7481**	**10.4008**	**0.0308**	**1.9200**	**0.0557**	**1.9758**	**0.5180**	**0.0514**	**0.5693**	**0.0000**	**2,187.2543**	**2,187.2543**	**0.0529**	**0.0000**	**2,188.3646**

3.5 Building Construction Phase I - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2036	1.8606	2.1072	3.4900e-003		0.0906	0.0906		0.0852	0.0852	0.0000	300.0980	300.0980	0.0713	0.0000	301.5949
Total	**0.2036**	**1.8606**	**2.1072**	**3.4900e-003**		**0.0906**	**0.0906**		**0.0852**	**0.0852**	**0.0000**	**300.0980**	**300.0980**	**0.0713**	**0.0000**	**301.5949**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.7052	2.0270	5.3474	0.0121	0.3285	0.0427	0.3713	0.0944	0.0393	0.1337	0.0000	1,025.8350	1,025.8350	7.2100e-003	0.0000	1,025.9864
Worker	1.9622	0.4591	4.6386	0.0187	1.5916	0.0108	1.6024	0.4236	0.0100	0.4336	0.0000	1,143.7357	1,143.7357	0.0436	0.0000	1,144.6517
Total	**2.6674**	**2.4861**	**9.9860**	**0.0308**	**1.9201**	**0.0535**	**1.9736**	**0.5180**	**0.0494**	**0.5673**	**0.0000**	**2,169.5706**	**2,169.5706**	**0.0508**	**0.0000**	**2,170.6381**

3.5 Building Construction Phase I - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1065	1.8054	2.3368	3.4800e-003		0.0514	0.0514		0.0529	0.0529	0.0000	299.7410	299.7410	0.0712	0.0000	301.2361
Total	**0.1065**	**1.8054**	**2.3368**	**3.4800e-003**		**0.0514**	**0.0514**		**0.0529**	**0.0529**	**0.0000**	**299.7410**	**299.7410**	**0.0712**	**0.0000**	**301.2361**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.7052	2.0270	5.3474	0.0121	0.3285	0.0427	0.3713	0.0944	0.0393	0.1337	0.0000	1,025.8350	1,025.8350	7.2100e-003	0.0000	1,025.9864
Worker	1.9622	0.4591	4.6386	0.0187	1.5916	0.0108	1.6024	0.4236	0.0100	0.4336	0.0000	1,143.7357	1,143.7357	0.0436	0.0000	1,144.6517
Total	**2.6674**	**2.4861**	**9.9860**	**0.0308**	**1.9201**	**0.0535**	**1.9736**	**0.5180**	**0.0494**	**0.5673**	**0.0000**	**2,169.5706**	**2,169.5706**	**0.0508**	**0.0000**	**2,170.6381**

3.5 Building Construction Phase I - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1920	1.7524	2.1135	3.5200e-003		0.0800	0.0800		0.0752	0.0752	0.0000	302.4646	302.4646	0.0714	0.0000	303.9643
Total	**0.1920**	**1.7524**	**2.1135**	**3.5200e-003**		**0.0800**	**0.0800**		**0.0752**	**0.0752**	**0.0000**	**302.4646**	**302.4646**	**0.0714**	**0.0000**	**303.9643**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.6751	2.0173	5.2712	0.0122	0.3311	0.0432	0.3743	0.0951	0.0398	0.1349	0.0000	1,033.9666	1,033.9666	7.2900e-003	0.0000	1,034.1197
Worker	1.9030	0.4404	4.4551	0.0189	1.6038	0.0110	1.6148	0.4269	0.0102	0.4371	0.0000	1,138.0336	1,138.0336	0.0425	0.0000	1,138.9270
Total	**2.5781**	**2.4578**	**9.7263**	**0.0310**	**1.9349**	**0.0542**	**1.9891**	**0.5220**	**0.0500**	**0.5720**	**0.0000**	**2,172.0002**	**2,172.0002**	**0.0498**	**0.0000**	**2,173.0468**

3.5 Building Construction Phase I - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1048	1.8141	2.3529	3.5100e-003		0.0508	0.0508		0.0524	0.0524	0.0000	302.1048	302.1048	0.0713	0.0000	303.6027
Total	**0.1048**	**1.8141**	**2.3529**	**3.5100e-003**		**0.0508**	**0.0508**		**0.0524**	**0.0524**	**0.0000**	**302.1048**	**302.1048**	**0.0713**	**0.0000**	**303.6027**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.6751	2.0173	5.2712	0.0122	0.3311	0.0432	0.3743	0.0951	0.0398	0.1349	0.0000	1,033.9666	1,033.9666	7.2900e-003	0.0000	1,034.1197
Worker	1.9030	0.4404	4.4551	0.0189	1.6038	0.0110	1.6148	0.4269	0.0102	0.4371	0.0000	1,138.0336	1,138.0336	0.0425	0.0000	1,138.9270
Total	**2.5781**	**2.4578**	**9.7263**	**0.0310**	**1.9349**	**0.0542**	**1.9891**	**0.5220**	**0.0500**	**0.5720**	**0.0000**	**2,172.0002**	**2,172.0002**	**0.0498**	**0.0000**	**2,173.0468**

3.5 Building Construction Phase I - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0660	0.6019	0.7785	1.3000e-003		0.0255	0.0255		0.0240	0.0240	0.0000	112.0153	112.0153	0.0263	0.0000	112.5674
Total	**0.0660**	**0.6019**	**0.7785**	**1.3000e-003**		**0.0255**	**0.0255**		**0.0240**	**0.0240**	**0.0000**	**112.0153**	**112.0153**	**0.0263**	**0.0000**	**112.5674**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2502	0.7392	1.9239	4.5100e-003	0.1226	0.0161	0.1387	0.0352	0.0148	0.0500	0.0000	382.9012	382.9012	2.7100e-003	0.0000	382.9581
Worker	0.6809	0.1563	1.5851	6.9800e-003	0.5938	4.1300e-003	0.5979	0.1580	3.8300e-003	0.1619	0.0000	416.6354	416.6354	0.0153	0.0000	416.9571
Total	**0.9311**	**0.8955**	**3.5089**	**0.0115**	**0.7164**	**0.0202**	**0.7366**	**0.1933**	**0.0186**	**0.2119**	**0.0000**	**799.5366**	**799.5366**	**0.0180**	**0.0000**	**799.9152**

3.5 Building Construction Phase I - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0380	0.6698	0.8705	1.3000e-003		0.0185	0.0185		0.0191	0.0191	0.0000	111.8820	111.8820	0.0263	0.0000	112.4335
Total	**0.0380**	**0.6698**	**0.8705**	**1.3000e-003**		**0.0185**	**0.0185**		**0.0191**	**0.0191**	**0.0000**	**111.8820**	**111.8820**	**0.0263**	**0.0000**	**112.4335**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2502	0.7392	1.9239	4.5100e-003	0.1226	0.0161	0.1387	0.0352	0.0148	0.0500	0.0000	382.9012	382.9012	2.7100e-003	0.0000	382.9581
Worker	0.6809	0.1563	1.5851	6.9800e-003	0.5938	4.1300e-003	0.5979	0.1580	3.8300e-003	0.1619	0.0000	416.6354	416.6354	0.0153	0.0000	416.9571
Total	**0.9311**	**0.8955**	**3.5089**	**0.0115**	**0.7164**	**0.0202**	**0.7366**	**0.1933**	**0.0186**	**0.2119**	**0.0000**	**799.5366**	**799.5366**	**0.0180**	**0.0000**	**799.9152**

3.6 Architectural Coating Phase I - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.1521					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0355	0.2387	0.2207	3.5000e-004		0.0179	0.0179		0.0179	0.0179	0.0000	30.3838	30.3838	2.8900e-003	0.0000	30.4444
Total	**4.1876**	**0.2387**	**0.2207**	**3.5000e-004**		**0.0179**	**0.0179**		**0.0179**	**0.0179**	**0.0000**	**30.3838**	**30.3838**	**2.8900e-003**	**0.0000**	**30.4444**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4557	0.1188	1.1976	3.4300e-003	0.2916	1.9200e-003	0.2935	0.0776	1.7700e-003	0.0794	0.0000	237.0455	237.0455	0.0102	0.0000	237.2593
Total	**0.4557**	**0.1188**	**1.1976**	**3.4300e-003**	**0.2916**	**1.9200e-003**	**0.2935**	**0.0776**	**1.7700e-003**	**0.0794**	**0.0000**	**237.0455**	**237.0455**	**0.0102**	**0.0000**	**237.2593**

3.6 Architectural Coating Phase I - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.1521					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.0600e-003	0.1613	0.2178	3.5000e-004		4.7100e-003	4.7100e-003		4.7100e-003	4.7100e-003	0.0000	30.3476	30.3476	2.8800e-003	0.0000	30.4082
Total	**4.1591**	**0.1613**	**0.2178**	**3.5000e-004**		**4.7100e-003**	**4.7100e-003**		**4.7100e-003**	**4.7100e-003**	**0.0000**	**30.3476**	**30.3476**	**2.8800e-003**	**0.0000**	**30.4082**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4557	0.1188	1.1976	3.4300e-003	0.2916	1.9200e-003	0.2935	0.0776	1.7700e-003	0.0794	0.0000	237.0455	237.0455	0.0102	0.0000	237.2593
Total	**0.4557**	**0.1188**	**1.1976**	**3.4300e-003**	**0.2916**	**1.9200e-003**	**0.2935**	**0.0776**	**1.7700e-003**	**0.0794**	**0.0000**	**237.0455**	**237.0455**	**0.0102**	**0.0000**	**237.2593**

3.6 Architectural Coating Phase I - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.5533					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0348	0.2395	0.2403	3.9000e-004		0.0168	0.0168		0.0168	0.0168	0.0000	33.3200	33.3200	2.8100e-003	0.0000	33.3791
Total	**4.5881**	**0.2395**	**0.2403**	**3.9000e-004**		**0.0168**	**0.0168**		**0.0168**	**0.0168**	**0.0000**	**33.3200**	**33.3200**	**2.8100e-003**	**0.0000**	**33.3791**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4710	0.1193	1.2046	3.7600e-003	0.3197	2.1000e-003	0.3218	0.0851	1.9500e-003	0.0871	0.0000	250.6006	250.6006	0.0105	0.0000	250.8207
Total	**0.4710**	**0.1193**	**1.2046**	**3.7600e-003**	**0.3197**	**2.1000e-003**	**0.3218**	**0.0851**	**1.9500e-003**	**0.0871**	**0.0000**	**250.6006**	**250.6006**	**0.0105**	**0.0000**	**250.8207**

3.6 Architectural Coating Phase I - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.5533					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.7500e-003	0.1769	0.2389	3.9000e-004		5.1600e-003	5.1600e-003		5.1600e-003	5.1600e-003	0.0000	33.2803	33.2803	2.8100e-003	0.0000	33.3394
Total	**4.5611**	**0.1769**	**0.2389**	**3.9000e-004**		**5.1600e-003**	**5.1600e-003**		**5.1600e-003**	**5.1600e-003**	**0.0000**	**33.2803**	**33.2803**	**2.8100e-003**	**0.0000**	**33.3394**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4710	0.1193	1.2046	3.7600e-003	0.3197	2.1000e-003	0.3218	0.0851	1.9500e-003	0.0871	0.0000	250.6006	250.6006	0.0105	0.0000	250.8207
Total	**0.4710**	**0.1193**	**1.2046**	**3.7600e-003**	**0.3197**	**2.1000e-003**	**0.3218**	**0.0851**	**1.9500e-003**	**0.0871**	**0.0000**	**250.6006**	**250.6006**	**0.0105**	**0.0000**	**250.8207**

3.6 Architectural Coating Phase I - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.5708					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0317	0.2206	0.2399	3.9000e-004		0.0145	0.0145		0.0145	0.0145	0.0000	33.4476	33.4476	2.5900e-003	0.0000	33.5020
Total	**4.6025**	**0.2206**	**0.2399**	**3.9000e-004**		**0.0145**	**0.0145**		**0.0145**	**0.0145**	**0.0000**	**33.4476**	**33.4476**	**2.5900e-003**	**0.0000**	**33.5020**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4485	0.1106	1.1144	3.7700e-003	0.3210	2.1200e-003	0.3231	0.0854	1.9600e-003	0.0874	0.0000	241.5881	241.5881	9.9400e-003	0.0000	241.7967
Total	**0.4485**	**0.1106**	**1.1144**	**3.7700e-003**	**0.3210**	**2.1200e-003**	**0.3231**	**0.0854**	**1.9600e-003**	**0.0874**	**0.0000**	**241.5881**	**241.5881**	**9.9400e-003**	**0.0000**	**241.7967**

3.6 Architectural Coating Phase I - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.5708					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.7800e-003	0.1776	0.2398	3.9000e-004		5.1800e-003	5.1800e-003		5.1800e-003	5.1800e-003	0.0000	33.4078	33.4078	2.5900e-003	0.0000	33.4622
Total	**4.5786**	**0.1776**	**0.2398**	**3.9000e-004**		**5.1800e-003**	**5.1800e-003**		**5.1800e-003**	**5.1800e-003**	**0.0000**	**33.4078**	**33.4078**	**2.5900e-003**	**0.0000**	**33.4622**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4485	0.1106	1.1144	3.7700e-003	0.3210	2.1200e-003	0.3231	0.0854	1.9600e-003	0.0874	0.0000	241.5881	241.5881	9.9400e-003	0.0000	241.7967
Total	**0.4485**	**0.1106**	**1.1144**	**3.7700e-003**	**0.3210**	**2.1200e-003**	**0.3231**	**0.0854**	**1.9600e-003**	**0.0874**	**0.0000**	**241.5881**	**241.5881**	**9.9400e-003**	**0.0000**	**241.7967**

3.6 Architectural Coating Phase I - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.5533					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0286	0.1993	0.2372	3.9000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	33.3200	33.3200	2.2900e-003	0.0000	33.3680
Total	**4.5819**	**0.1993**	**0.2372**	**3.9000e-004**		**0.0123**	**0.0123**		**0.0123**	**0.0123**	**0.0000**	**33.3200**	**33.3200**	**2.2900e-003**	**0.0000**	**33.3680**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4277	0.1033	1.0432	3.7600e-003	0.3197	2.1300e-003	0.3219	0.0851	1.9700e-003	0.0871	0.0000	236.6665	236.6665	9.4600e-003	0.0000	236.8653
Total	**0.4277**	**0.1033**	**1.0432**	**3.7600e-003**	**0.3197**	**2.1300e-003**	**0.3219**	**0.0851**	**1.9700e-003**	**0.0871**	**0.0000**	**236.6665**	**236.6665**	**9.4600e-003**	**0.0000**	**236.8653**

3.6 Architectural Coating Phase I - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.5533					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.7500e-003	0.1769	0.2389	3.9000e-004		5.1600e-003	5.1600e-003		5.1600e-003	5.1600e-003	0.0000	33.2803	33.2803	2.2800e-003	0.0000	33.3283
Total	**4.5611**	**0.1769**	**0.2389**	**3.9000e-004**		**5.1600e-003**	**5.1600e-003**		**5.1600e-003**	**5.1600e-003**	**0.0000**	**33.2803**	**33.2803**	**2.2800e-003**	**0.0000**	**33.3283**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4277	0.1033	1.0432	3.7600e-003	0.3197	2.1300e-003	0.3219	0.0851	1.9700e-003	0.0871	0.0000	236.6665	236.6665	9.4600e-003	0.0000	236.8653
Total	**0.4277**	**0.1033**	**1.0432**	**3.7600e-003**	**0.3197**	**2.1300e-003**	**0.3219**	**0.0851**	**1.9700e-003**	**0.0871**	**0.0000**	**236.6665**	**236.6665**	**9.4600e-003**	**0.0000**	**236.8653**

3.6 Architectural Coating Phase I - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.5359					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0266	0.1831	0.2358	3.9000e-004		0.0106	0.0106		0.0106	0.0106	0.0000	33.1923	33.1923	2.1600e-003	0.0000	33.2377
Total	**4.5625**	**0.1831**	**0.2358**	**3.9000e-004**		**0.0106**	**0.0106**		**0.0106**	**0.0106**	**0.0000**	**33.1923**	**33.1923**	**2.1600e-003**	**0.0000**	**33.2377**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4088	0.0971	0.9814	3.7500e-003	0.3185	2.1400e-003	0.3207	0.0848	1.9900e-003	0.0868	0.0000	232.1500	232.1500	9.0600e-003	0.0000	232.3402
Total	**0.4088**	**0.0971**	**0.9814**	**3.7500e-003**	**0.3185**	**2.1400e-003**	**0.3207**	**0.0848**	**1.9900e-003**	**0.0868**	**0.0000**	**232.1500**	**232.1500**	**9.0600e-003**	**0.0000**	**232.3402**

3.6 Architectural Coating Phase I - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.5359					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.7200e-003	0.1762	0.2379	3.9000e-004		5.1400e-003	5.1400e-003		5.1400e-003	5.1400e-003	0.0000	33.1528	33.1528	2.1600e-003	0.0000	33.1981
Total	**4.5436**	**0.1762**	**0.2379**	**3.9000e-004**		**5.1400e-003**	**5.1400e-003**		**5.1400e-003**	**5.1400e-003**	**0.0000**	**33.1528**	**33.1528**	**2.1600e-003**	**0.0000**	**33.1981**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4088	0.0971	0.9814	3.7500e-003	0.3185	2.1400e-003	0.3207	0.0848	1.9900e-003	0.0868	0.0000	232.1500	232.1500	9.0600e-003	0.0000	232.3402
Total	**0.4088**	**0.0971**	**0.9814**	**3.7500e-003**	**0.3185**	**2.1400e-003**	**0.3207**	**0.0848**	**1.9900e-003**	**0.0868**	**0.0000**	**232.1500**	**232.1500**	**9.0600e-003**	**0.0000**	**232.3402**

3.6 Architectural Coating Phase I - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.5359					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0249	0.1694	0.2355	3.9000e-004		9.2100e-003	9.2100e-003		9.2100e-003	9.2100e-003	0.0000	33.1923	33.1923	1.9900e-003	0.0000	33.2340
Total	**4.5608**	**0.1694**	**0.2355**	**3.9000e-004**		**9.2100e-003**	**9.2100e-003**		**9.2100e-003**	**9.2100e-003**	**0.0000**	**33.1923**	**33.1923**	**1.9900e-003**	**0.0000**	**33.2340**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3927	0.0919	0.9283	3.7400e-003	0.3185	2.1700e-003	0.3207	0.0848	2.0100e-003	0.0868	0.0000	228.8939	228.8939	8.7300e-003	0.0000	229.0772
Total	**0.3927**	**0.0919**	**0.9283**	**3.7400e-003**	**0.3185**	**2.1700e-003**	**0.3207**	**0.0848**	**2.0100e-003**	**0.0868**	**0.0000**	**228.8939**	**228.8939**	**8.7300e-003**	**0.0000**	**229.0772**

3.6 Architectural Coating Phase I - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.5359					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.7200e-003	0.1762	0.2379	3.9000e-004		5.1400e-003	5.1400e-003		5.1400e-003	5.1400e-003	0.0000	33.1528	33.1528	1.9800e-003	0.0000	33.1945
Total	**4.5436**	**0.1762**	**0.2379**	**3.9000e-004**		**5.1400e-003**	**5.1400e-003**		**5.1400e-003**	**5.1400e-003**	**0.0000**	**33.1528**	**33.1528**	**1.9800e-003**	**0.0000**	**33.1945**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3927	0.0919	0.9283	3.7400e-003	0.3185	2.1700e-003	0.3207	0.0848	2.0100e-003	0.0868	0.0000	228.8939	228.8939	8.7300e-003	0.0000	229.0772
Total	**0.3927**	**0.0919**	**0.9283**	**3.7400e-003**	**0.3185**	**2.1700e-003**	**0.3207**	**0.0848**	**2.0100e-003**	**0.0868**	**0.0000**	**228.8939**	**228.8939**	**8.7300e-003**	**0.0000**	**229.0772**

3.6 Architectural Coating Phase I - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.5708					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0237	0.1597	0.2371	3.9000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003	0.0000	33.4476	33.4476	1.8800e-003	0.0000	33.4872
Total	**4.5945**	**0.1597**	**0.2371**	**3.9000e-004**		**7.9800e-003**	**7.9800e-003**		**7.9800e-003**	**7.9800e-003**	**0.0000**	**33.4476**	**33.4476**	**1.8800e-003**	**0.0000**	**33.4872**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3809	0.0881	0.8916	3.7700e-003	0.3210	2.2000e-003	0.3232	0.0854	2.0500e-003	0.0875	0.0000	227.7527	227.7527	8.5100e-003	0.0000	227.9315
Total	**0.3809**	**0.0881**	**0.8916**	**3.7700e-003**	**0.3210**	**2.2000e-003**	**0.3232**	**0.0854**	**2.0500e-003**	**0.0875**	**0.0000**	**227.7527**	**227.7527**	**8.5100e-003**	**0.0000**	**227.9315**

3.6 Architectural Coating Phase I - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.5708					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.7800e-003	0.1776	0.2398	3.9000e-004		5.1800e-003	5.1800e-003		5.1800e-003	5.1800e-003	0.0000	33.4078	33.4078	1.8800e-003	0.0000	33.4473
Total	**4.5786**	**0.1776**	**0.2398**	**3.9000e-004**		**5.1800e-003**	**5.1800e-003**		**5.1800e-003**	**5.1800e-003**	**0.0000**	**33.4078**	**33.4078**	**1.8800e-003**	**0.0000**	**33.4473**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3809	0.0881	0.8916	3.7700e-003	0.3210	2.2000e-003	0.3232	0.0854	2.0500e-003	0.0875	0.0000	227.7527	227.7527	8.5100e-003	0.0000	227.9315
Total	**0.3809**	**0.0881**	**0.8916**	**3.7700e-003**	**0.3210**	**2.2000e-003**	**0.3232**	**0.0854**	**2.0500e-003**	**0.0875**	**0.0000**	**227.7527**	**227.7527**	**8.5100e-003**	**0.0000**	**227.9315**

3.6 Architectural Coating Phase I - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.8841					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.2300e-003	0.0619	0.0977	1.6000e-004		2.7800e-003	2.7800e-003		2.7800e-003	2.7800e-003	0.0000	13.7876	13.7876	7.5000e-004	0.0000	13.8034
Total	**1.8934**	**0.0619**	**0.0977**	**1.6000e-004**		**2.7800e-003**	**2.7800e-003**		**2.7800e-003**	**2.7800e-003**	**0.0000**	**13.7876**	**13.7876**	**7.5000e-004**	**0.0000**	**13.8034**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1517	0.0348	0.3532	1.5600e-003	0.1323	9.2000e-004	0.1332	0.0352	8.5000e-004	0.0361	0.0000	92.8360	92.8360	3.4100e-003	0.0000	92.9077
Total	**0.1517**	**0.0348**	**0.3532**	**1.5600e-003**	**0.1323**	**9.2000e-004**	**0.1332**	**0.0352**	**8.5000e-004**	**0.0361**	**0.0000**	**92.8360**	**92.8360**	**3.4100e-003**	**0.0000**	**92.9077**

3.6 Architectural Coating Phase I - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.8841					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2100e-003	0.0732	0.0988	1.6000e-004		2.1400e-003	2.1400e-003		2.1400e-003	2.1400e-003	0.0000	13.7712	13.7712	7.5000e-004	0.0000	13.7869
Total	**1.8874**	**0.0732**	**0.0988**	**1.6000e-004**		**2.1400e-003**	**2.1400e-003**		**2.1400e-003**	**2.1400e-003**	**0.0000**	**13.7712**	**13.7712**	**7.5000e-004**	**0.0000**	**13.7869**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1517	0.0348	0.3532	1.5600e-003	0.1323	9.2000e-004	0.1332	0.0352	8.5000e-004	0.0361	0.0000	92.8360	92.8360	3.4100e-003	0.0000	92.9077
Total	**0.1517**	**0.0348**	**0.3532**	**1.5600e-003**	**0.1323**	**9.2000e-004**	**0.1332**	**0.0352**	**8.5000e-004**	**0.0361**	**0.0000**	**92.8360**	**92.8360**	**3.4100e-003**	**0.0000**	**92.9077**

3.7 Site Preparation Phase II - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.2583	0.0000	2.2583	1.2413	0.0000	1.2413	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1919	1.7997	1.9039	3.0000e-003		0.0787	0.0787		0.0724	0.0724	0.0000	263.2911	263.2911	0.0852	0.0000	265.0794
Total	**0.1919**	**1.7997**	**1.9039**	**3.0000e-003**	**2.2583**	**0.0787**	**2.3370**	**1.2413**	**0.0724**	**1.3138**	**0.0000**	**263.2911**	**263.2911**	**0.0852**	**0.0000**	**265.0794**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0124	2.8500e-003	0.0289	1.3000e-004	0.0108	8.0000e-005	0.0109	2.8800e-003	7.0000e-005	2.9500e-003	0.0000	7.5876	7.5876	2.8000e-004	0.0000	7.5934
Total	**0.0124**	**2.8500e-003**	**0.0289**	**1.3000e-004**	**0.0108**	**8.0000e-005**	**0.0109**	**2.8800e-003**	**7.0000e-005**	**2.9500e-003**	**0.0000**	**7.5876**	**7.5876**	**2.8000e-004**	**0.0000**	**7.5934**

3.7 Site Preparation Phase II - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0162	0.0000	1.0162	0.5586	0.0000	0.5586	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0727	1.4868	1.7880	2.9900e-003		0.0336	0.0336		0.0386	0.0386	0.0000	262.9779	262.9779	0.0851	0.0000	264.7640
Total	**0.0727**	**1.4868**	**1.7880**	**2.9900e-003**	**1.0162**	**0.0336**	**1.0499**	**0.5586**	**0.0386**	**0.5972**	**0.0000**	**262.9779**	**262.9779**	**0.0851**	**0.0000**	**264.7640**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0124	2.8500e-003	0.0289	1.3000e-004	0.0108	8.0000e-005	0.0109	2.8800e-003	7.0000e-005	2.9500e-003	0.0000	7.5876	7.5876	2.8000e-004	0.0000	7.5934
Total	**0.0124**	**2.8500e-003**	**0.0289**	**1.3000e-004**	**0.0108**	**8.0000e-005**	**0.0109**	**2.8800e-003**	**7.0000e-005**	**2.9500e-003**	**0.0000**	**7.5876**	**7.5876**	**2.8000e-004**	**0.0000**	**7.5934**

3.7 Site Preparation Phase II - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.2583	0.0000	2.2583	1.2413	0.0000	1.2413	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1217	1.1410	1.2071	1.9000e-003		0.0499	0.0499		0.0459	0.0459	0.0000	166.9231	166.9231	0.0540	0.0000	168.0568
Total	**0.1217**	**1.1410**	**1.2071**	**1.9000e-003**	**2.2583**	**0.0499**	**2.3082**	**1.2413**	**0.0459**	**1.2873**	**0.0000**	**166.9231**	**166.9231**	**0.0540**	**0.0000**	**168.0568**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.6200e-003	1.7400e-003	0.0177	8.0000e-005	6.8600e-003	5.0000e-005	6.9000e-003	1.8200e-003	4.0000e-005	1.8700e-003	0.0000	4.7638	4.7638	1.7000e-004	0.0000	4.7674
Total	**7.6200e-003**	**1.7400e-003**	**0.0177**	**8.0000e-005**	**6.8600e-003**	**5.0000e-005**	**6.9000e-003**	**1.8200e-003**	**4.0000e-005**	**1.8700e-003**	**0.0000**	**4.7638**	**4.7638**	**1.7000e-004**	**0.0000**	**4.7674**

3.7 Site Preparation Phase II - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0162	0.0000	1.0162	0.5586	0.0000	0.5586	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0461	0.9426	1.1336	1.9000e-003		0.0213	0.0213		0.0245	0.0245	0.0000	166.7246	166.7246	0.0539	0.0000	167.8569
Total	**0.0461**	**0.9426**	**1.1336**	**1.9000e-003**	**1.0162**	**0.0213**	**1.0376**	**0.5586**	**0.0245**	**0.5831**	**0.0000**	**166.7246**	**166.7246**	**0.0539**	**0.0000**	**167.8569**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.6200e-003	1.7400e-003	0.0177	8.0000e-005	6.8600e-003	5.0000e-005	6.9000e-003	1.8200e-003	4.0000e-005	1.8700e-003	0.0000	4.7638	4.7638	1.7000e-004	0.0000	4.7674
Total	**7.6200e-003**	**1.7400e-003**	**0.0177**	**8.0000e-005**	**6.8600e-003**	**5.0000e-005**	**6.9000e-003**	**1.8200e-003**	**4.0000e-005**	**1.8700e-003**	**0.0000**	**4.7638**	**4.7638**	**1.7000e-004**	**0.0000**	**4.7674**

3.8 Grading Phase II - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.4064	0.0000	2.4064	0.8690	0.0000	0.8690	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1831	1.6629	1.9124	3.7700e-003		0.0724	0.0724		0.0666	0.0666	0.0000	331.0530	331.0530	0.1071	0.0000	333.3015
Total	**0.1831**	**1.6629**	**1.9124**	**3.7700e-003**	**2.4064**	**0.0724**	**2.4788**	**0.8690**	**0.0666**	**0.9356**	**0.0000**	**331.0530**	**331.0530**	**0.1071**	**0.0000**	**333.3015**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0110	2.5200e-003	0.0256	1.1000e-004	9.5800e-003	7.0000e-005	9.6500e-003	2.5500e-003	6.0000e-005	2.6100e-003	0.0000	6.7225	6.7225	2.5000e-004	0.0000	6.7277
Total	**0.0110**	**2.5200e-003**	**0.0256**	**1.1000e-004**	**9.5800e-003**	**7.0000e-005**	**9.6500e-003**	**2.5500e-003**	**6.0000e-005**	**2.6100e-003**	**0.0000**	**6.7225**	**6.7225**	**2.5000e-004**	**0.0000**	**6.7277**

3.8 Grading Phase II - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0829	0.0000	1.0829	0.3910	0.0000	0.3910	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1280	1.7140	1.9885	3.7600e-003		0.0528	0.0528		0.0517	0.0517	0.0000	330.6592	330.6592	0.1069	0.0000	332.9050
Total	**0.1280**	**1.7140**	**1.9885**	**3.7600e-003**	**1.0829**	**0.0528**	**1.1356**	**0.3910**	**0.0517**	**0.4427**	**0.0000**	**330.6592**	**330.6592**	**0.1069**	**0.0000**	**332.9050**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0110	2.5200e-003	0.0256	1.1000e-004	9.5800e-003	7.0000e-005	9.6500e-003	2.5500e-003	6.0000e-005	2.6100e-003	0.0000	6.7225	6.7225	2.5000e-004	0.0000	6.7277
Total	**0.0110**	**2.5200e-003**	**0.0256**	**1.1000e-004**	**9.5800e-003**	**7.0000e-005**	**9.6500e-003**	**2.5500e-003**	**6.0000e-005**	**2.6100e-003**	**0.0000**	**6.7225**	**6.7225**	**2.5000e-004**	**0.0000**	**6.7277**

3.8 Grading Phase II - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.4064	0.0000	2.4064	0.8690	0.0000	0.8690	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3918	3.5575	4.0914	8.0600e-003		0.1549	0.1549		0.1425	0.1425	0.0000	708.2364	708.2364	0.2291	0.0000	713.0466
Total	**0.3918**	**3.5575**	**4.0914**	**8.0600e-003**	**2.4064**	**0.1549**	**2.5613**	**0.8690**	**0.1425**	**1.0114**	**0.0000**	**708.2364**	**708.2364**	**0.2291**	**0.0000**	**713.0466**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0228	5.2000e-003	0.0529	2.4000e-004	0.0205	1.4000e-004	0.0206	5.4600e-003	1.3000e-004	5.5900e-003	0.0000	14.2423	14.2423	5.2000e-004	0.0000	14.2532
Total	**0.0228**	**5.2000e-003**	**0.0529**	**2.4000e-004**	**0.0205**	**1.4000e-004**	**0.0206**	**5.4600e-003**	**1.3000e-004**	**5.5900e-003**	**0.0000**	**14.2423**	**14.2423**	**5.2000e-004**	**0.0000**	**14.2532**

3.8 Grading Phase II - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0829	0.0000	1.0829	0.3910	0.0000	0.3910	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2739	3.6669	4.2540	8.0500e-003		0.1129	0.1129		0.1105	0.1105	0.0000	707.3939	707.3939	0.2288	0.0000	712.1984
Total	**0.2739**	**3.6669**	**4.2540**	**8.0500e-003**	**1.0829**	**0.1129**	**1.1958**	**0.3910**	**0.1105**	**0.5016**	**0.0000**	**707.3939**	**707.3939**	**0.2288**	**0.0000**	**712.1984**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0228	5.2000e-003	0.0529	2.4000e-004	0.0205	1.4000e-004	0.0206	5.4600e-003	1.3000e-004	5.5900e-003	0.0000	14.2423	14.2423	5.2000e-004	0.0000	14.2532
Total	**0.0228**	**5.2000e-003**	**0.0529**	**2.4000e-004**	**0.0205**	**1.4000e-004**	**0.0206**	**5.4600e-003**	**1.3000e-004**	**5.5900e-003**	**0.0000**	**14.2423**	**14.2423**	**5.2000e-004**	**0.0000**	**14.2532**

3.8 Grading Phase II - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.4064	0.0000	2.4064	0.8690	0.0000	0.8690	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1126	1.0223	1.1757	2.3200e-003		0.0445	0.0445		0.0409	0.0409	0.0000	203.5162	203.5162	0.0658	0.0000	204.8985
Total	**0.1126**	**1.0223**	**1.1757**	**2.3200e-003**	**2.4064**	**0.0445**	**2.4509**	**0.8690**	**0.0409**	**0.9099**	**0.0000**	**203.5162**	**203.5162**	**0.0658**	**0.0000**	**204.8985**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.3400e-003	1.4500e-003	0.0147	7.0000e-005	5.8900e-003	4.0000e-005	5.9300e-003	1.5700e-003	4.0000e-005	1.6100e-003	0.0000	4.0580	4.0580	1.5000e-004	0.0000	4.0610
Total	**6.3400e-003**	**1.4500e-003**	**0.0147**	**7.0000e-005**	**5.8900e-003**	**4.0000e-005**	**5.9300e-003**	**1.5700e-003**	**4.0000e-005**	**1.6100e-003**	**0.0000**	**4.0580**	**4.0580**	**1.5000e-004**	**0.0000**	**4.0610**

3.8 Grading Phase II - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0829	0.0000	1.0829	0.3910	0.0000	0.3910	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0787	1.0537	1.2224	2.3100e-003		0.0324	0.0324		0.0318	0.0318	0.0000	203.2741	203.2741	0.0657	0.0000	204.6547
Total	**0.0787**	**1.0537**	**1.2224**	**2.3100e-003**	**1.0829**	**0.0324**	**1.1153**	**0.3910**	**0.0318**	**0.4228**	**0.0000**	**203.2741**	**203.2741**	**0.0657**	**0.0000**	**204.6547**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.3400e-003	1.4500e-003	0.0147	7.0000e-005	5.8900e-003	4.0000e-005	5.9300e-003	1.5700e-003	4.0000e-005	1.6100e-003	0.0000	4.0580	4.0580	1.5000e-004	0.0000	4.0610
Total	**6.3400e-003**	**1.4500e-003**	**0.0147**	**7.0000e-005**	**5.8900e-003**	**4.0000e-005**	**5.9300e-003**	**1.5700e-003**	**4.0000e-005**	**1.6100e-003**	**0.0000**	**4.0580**	**4.0580**	**1.5000e-004**	**0.0000**	**4.0610**

3.9 Paving Phase II - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0350	0.3284	0.5568	8.7000e-004		0.0160	0.0160		0.0147	0.0147	0.0000	76.4141	76.4141	0.0247	0.0000	76.9330
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0350**	**0.3284**	**0.5568**	**8.7000e-004**		**0.0160**	**0.0160**		**0.0147**	**0.0147**	**0.0000**	**76.4141**	**76.4141**	**0.0247**	**0.0000**	**76.9330**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.2700e-003	1.2100e-003	0.0123	5.0000e-005	4.5900e-003	3.0000e-005	4.6300e-003	1.2200e-003	3.0000e-005	1.2500e-003	0.0000	3.2235	3.2235	1.2000e-004	0.0000	3.2260
Total	**5.2700e-003**	**1.2100e-003**	**0.0123**	**5.0000e-005**	**4.5900e-003**	**3.0000e-005**	**4.6300e-003**	**1.2200e-003**	**3.0000e-005**	**1.2500e-003**	**0.0000**	**3.2235**	**3.2235**	**1.2000e-004**	**0.0000**	**3.2260**

3.9 Paving Phase II - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0258	0.3822	0.6094	8.7000e-004		0.0125	0.0125		0.0121	0.0121	0.0000	76.3232	76.3232	0.0247	0.0000	76.8415
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0258**	**0.3822**	**0.6094**	**8.7000e-004**		**0.0125**	**0.0125**		**0.0121**	**0.0121**	**0.0000**	**76.3232**	**76.3232**	**0.0247**	**0.0000**	**76.8415**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.2700e-003	1.2100e-003	0.0123	5.0000e-005	4.5900e-003	3.0000e-005	4.6300e-003	1.2200e-003	3.0000e-005	1.2500e-003	0.0000	3.2235	3.2235	1.2000e-004	0.0000	3.2260
Total	**5.2700e-003**	**1.2100e-003**	**0.0123**	**5.0000e-005**	**4.5900e-003**	**3.0000e-005**	**4.6300e-003**	**1.2200e-003**	**3.0000e-005**	**1.2500e-003**	**0.0000**	**3.2235**	**3.2235**	**1.2000e-004**	**0.0000**	**3.2260**

3.9 Paving Phase II - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1171	1.0990	1.8633	2.9100e-003		0.0536	0.0536		0.0493	0.0493	0.0000	255.6932	255.6932	0.0827	0.0000	257.4298
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1171**	**1.0990**	**1.8633**	**2.9100e-003**		**0.0536**	**0.0536**		**0.0493**	**0.0493**	**0.0000**	**255.6932**	**255.6932**	**0.0827**	**0.0000**	**257.4298**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0171	3.9000e-003	0.0397	1.8000e-004	0.0154	1.1000e-004	0.0155	4.0900e-003	1.0000e-004	4.1900e-003	0.0000	10.6818	10.6818	3.9000e-004	0.0000	10.6899
Total	**0.0171**	**3.9000e-003**	**0.0397**	**1.8000e-004**	**0.0154**	**1.1000e-004**	**0.0155**	**4.0900e-003**	**1.0000e-004**	**4.1900e-003**	**0.0000**	**10.6818**	**10.6818**	**3.9000e-004**	**0.0000**	**10.6899**

3.9 Paving Phase II - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0862	1.2790	2.0392	2.9100e-003		0.0418	0.0418		0.0403	0.0403	0.0000	255.3890	255.3890	0.0826	0.0000	257.1236
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0862**	**1.2790**	**2.0392**	**2.9100e-003**		**0.0418**	**0.0418**		**0.0403**	**0.0403**	**0.0000**	**255.3890**	**255.3890**	**0.0826**	**0.0000**	**257.1236**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0171	3.9000e-003	0.0397	1.8000e-004	0.0154	1.1000e-004	0.0155	4.0900e-003	1.0000e-004	4.1900e-003	0.0000	10.6818	10.6818	3.9000e-004	0.0000	10.6899
Total	**0.0171**	**3.9000e-003**	**0.0397**	**1.8000e-004**	**0.0154**	**1.1000e-004**	**0.0155**	**4.0900e-003**	**1.0000e-004**	**4.1900e-003**	**0.0000**	**10.6818**	**10.6818**	**3.9000e-004**	**0.0000**	**10.6899**

3.9 Paving Phase II - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0233	0.2190	0.3712	5.8000e-004		0.0107	0.0107		9.8300e-003	9.8300e-003	0.0000	50.9427	50.9427	0.0165	0.0000	51.2887
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0233**	**0.2190**	**0.3712**	**5.8000e-004**		**0.0107**	**0.0107**		**9.8300e-003**	**9.8300e-003**	**0.0000**	**50.9427**	**50.9427**	**0.0165**	**0.0000**	**51.2887**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3000e-003	7.5000e-004	7.6600e-003	4.0000e-005	3.0600e-003	2.0000e-005	3.0800e-003	8.2000e-004	2.0000e-005	8.4000e-004	0.0000	2.1101	2.1101	8.0000e-005	0.0000	2.1117
Total	**3.3000e-003**	**7.5000e-004**	**7.6600e-003**	**4.0000e-005**	**3.0600e-003**	**2.0000e-005**	**3.0800e-003**	**8.2000e-004**	**2.0000e-005**	**8.4000e-004**	**0.0000**	**2.1101**	**2.1101**	**8.0000e-005**	**0.0000**	**2.1117**

3.9 Paving Phase II - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0172	0.2548	0.4063	5.8000e-004		8.3300e-003	8.3300e-003		8.0300e-003	8.0300e-003	0.0000	50.8821	50.8821	0.0165	0.0000	51.2277
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0172**	**0.2548**	**0.4063**	**5.8000e-004**		**8.3300e-003**	**8.3300e-003**		**8.0300e-003**	**8.0300e-003**	**0.0000**	**50.8821**	**50.8821**	**0.0165**	**0.0000**	**51.2277**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3000e-003	7.5000e-004	7.6600e-003	4.0000e-005	3.0600e-003	2.0000e-005	3.0800e-003	8.2000e-004	2.0000e-005	8.4000e-004	0.0000	2.1101	2.1101	8.0000e-005	0.0000	2.1117
Total	**3.3000e-003**	**7.5000e-004**	**7.6600e-003**	**4.0000e-005**	**3.0600e-003**	**2.0000e-005**	**3.0800e-003**	**8.2000e-004**	**2.0000e-005**	**8.4000e-004**	**0.0000**	**2.1101**	**2.1101**	**8.0000e-005**	**0.0000**	**2.1117**

3.10 Building Construction Phase II - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1423	1.2968	1.6774	2.8100e-003		0.0549	0.0549		0.0516	0.0516	0.0000	241.3525	241.3525	0.0567	0.0000	242.5420
Total	**0.1423**	**1.2968**	**1.6774**	**2.8100e-003**		**0.0549**	**0.0549**		**0.0516**	**0.0516**	**0.0000**	**241.3525**	**241.3525**	**0.0567**	**0.0000**	**242.5420**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5221	1.5728	4.0908	9.7100e-003	0.2642	0.0345	0.2987	0.0759	0.0317	0.1076	0.0000	825.0764	825.0764	5.8300e-003	0.0000	825.1988
Worker	1.4212	0.3246	3.3009	0.0150	1.2794	9.0200e-003	1.2884	0.3405	8.3700e-003	0.3489	0.0000	889.0028	889.0028	0.0322	0.0000	889.6798
Total	**1.9433**	**1.8974**	**7.3917**	**0.0248**	**1.5436**	**0.0435**	**1.5871**	**0.4164**	**0.0401**	**0.4565**	**0.0000**	**1,714.0791**	**1,714.0791**	**0.0381**	**0.0000**	**1,714.8786**

3.10 Building Construction Phase II - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0820	1.4431	1.8757	2.8000e-003		0.0398	0.0398		0.0411	0.0411	0.0000	241.0654	241.0654	0.0566	0.0000	242.2535
Total	**0.0820**	**1.4431**	**1.8757**	**2.8000e-003**		**0.0398**	**0.0398**		**0.0411**	**0.0411**	**0.0000**	**241.0654**	**241.0654**	**0.0566**	**0.0000**	**242.2535**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5221	1.5728	4.0908	9.7100e-003	0.2642	0.0345	0.2987	0.0759	0.0317	0.1076	0.0000	825.0764	825.0764	5.8300e-003	0.0000	825.1988
Worker	1.4212	0.3246	3.3009	0.0150	1.2794	9.0200e-003	1.2884	0.3405	8.3700e-003	0.3489	0.0000	889.0028	889.0028	0.0322	0.0000	889.6798
Total	**1.9433**	**1.8974**	**7.3917**	**0.0248**	**1.5436**	**0.0435**	**1.5871**	**0.4164**	**0.0401**	**0.4565**	**0.0000**	**1,714.0791**	**1,714.0791**	**0.0381**	**0.0000**	**1,714.8786**

3.10 Building Construction Phase II - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874
Total	**0.1777**	**1.6195**	**2.0948**	**3.5000e-003**		**0.0685**	**0.0685**		**0.0645**	**0.0645**	**0.0000**	**301.4019**	**301.4019**	**0.0707**	**0.0000**	**302.8874**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.6470	1.9446	5.0591	0.0121	0.3300	0.0431	0.3731	0.0948	0.0397	0.1345	0.0000	1,030.4701	1,030.4701	7.2900e-003	0.0000	1,030.6233
Worker	1.7206	0.3920	3.9961	0.0188	1.5977	0.0114	1.6091	0.4252	0.0106	0.4358	0.0000	1,100.7839	1,100.7839	0.0394	0.0000	1,101.6112
Total	**2.3676**	**2.3366**	**9.0552**	**0.0309**	**1.9276**	**0.0545**	**1.9821**	**0.5200**	**0.0503**	**0.5703**	**0.0000**	**2,131.2540**	**2,131.2540**	**0.0467**	**0.0000**	**2,132.2344**

3.10 Building Construction Phase II - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1023	1.8021	2.3424	3.5000e-003		0.0497	0.0497		0.0513	0.0513	0.0000	301.0433	301.0433	0.0707	0.0000	302.5271
Total	**0.1023**	**1.8021**	**2.3424**	**3.5000e-003**		**0.0497**	**0.0497**		**0.0513**	**0.0513**	**0.0000**	**301.0433**	**301.0433**	**0.0707**	**0.0000**	**302.5271**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.6470	1.9446	5.0591	0.0121	0.3300	0.0431	0.3731	0.0948	0.0397	0.1345	0.0000	1,030.4701	1,030.4701	7.2900e-003	0.0000	1,030.6233
Worker	1.7206	0.3920	3.9961	0.0188	1.5977	0.0114	1.6091	0.4252	0.0106	0.4358	0.0000	1,100.7839	1,100.7839	0.0394	0.0000	1,101.6112
Total	**2.3676**	**2.3366**	**9.0552**	**0.0309**	**1.9276**	**0.0545**	**1.9821**	**0.5200**	**0.0503**	**0.5703**	**0.0000**	**2,131.2540**	**2,131.2540**	**0.0467**	**0.0000**	**2,132.2344**

3.10 Building Construction Phase II - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1770	1.6133	2.0867	3.4900e-003		0.0683	0.0683		0.0642	0.0642	0.0000	300.2471	300.2471	0.0705	0.0000	301.7269
Total	**0.1770**	**1.6133**	**2.0867**	**3.4900e-003**		**0.0683**	**0.0683**		**0.0642**	**0.0642**	**0.0000**	**300.2471**	**300.2471**	**0.0705**	**0.0000**	**301.7269**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.6538	1.9201	4.9915	0.0121	0.3287	0.0430	0.3717	0.0944	0.0395	0.1340	0.0000	1,026.6098	1,026.6098	7.2700e-003	0.0000	1,026.7625
Worker	1.6629	0.3784	3.8701	0.0187	1.5916	0.0115	1.6030	0.4236	0.0106	0.4343	0.0000	1,088.5460	1,088.5460	0.0385	0.0000	1,089.3539
Total	**2.3167**	**2.2984**	**8.8617**	**0.0308**	**1.9203**	**0.0544**	**1.9747**	**0.5180**	**0.0502**	**0.5682**	**0.0000**	**2,115.1559**	**2,115.1559**	**0.0457**	**0.0000**	**2,116.1164**

3.10 Building Construction Phase II - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1019	1.7952	2.3334	3.4900e-003		0.0495	0.0495		0.0511	0.0511	0.0000	299.8899	299.8899	0.0704	0.0000	301.3680
Total	**0.1019**	**1.7952**	**2.3334**	**3.4900e-003**		**0.0495**	**0.0495**		**0.0511**	**0.0511**	**0.0000**	**299.8899**	**299.8899**	**0.0704**	**0.0000**	**301.3680**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.6538	1.9201	4.9915	0.0121	0.3287	0.0430	0.3717	0.0944	0.0395	0.1340	0.0000	1,026.6098	1,026.6098	7.2700e-003	0.0000	1,026.7625
Worker	1.6629	0.3784	3.8701	0.0187	1.5916	0.0115	1.6030	0.4236	0.0106	0.4343	0.0000	1,088.5460	1,088.5460	0.0385	0.0000	1,089.3539
Total	**2.3167**	**2.2984**	**8.8617**	**0.0308**	**1.9203**	**0.0544**	**1.9747**	**0.5180**	**0.0502**	**0.5682**	**0.0000**	**2,115.1559**	**2,115.1559**	**0.0457**	**0.0000**	**2,116.1164**

3.10 Building Construction Phase II - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1777	1.6195	2.0948	3.5000e-003		0.0685	0.0685		0.0645	0.0645	0.0000	301.4019	301.4019	0.0707	0.0000	302.8874
Total	**0.1777**	**1.6195**	**2.0948**	**3.5000e-003**		**0.0685**	**0.0685**		**0.0645**	**0.0645**	**0.0000**	**301.4019**	**301.4019**	**0.0707**	**0.0000**	**302.8874**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.6450	1.9132	4.9685	0.0121	0.3300	0.0431	0.3731	0.0948	0.0397	0.1345	0.0000	1,030.6373	1,030.6373	7.3000e-003	0.0000	1,030.7907
Worker	1.6181	0.3684	3.7802	0.0188	1.5977	0.0116	1.6093	0.4252	0.0108	0.4360	0.0000	1,085.8815	1,085.8815	0.0379	0.0000	1,086.6770
Total	**2.2631**	**2.2815**	**8.7487**	**0.0309**	**1.9277**	**0.0547**	**1.9824**	**0.5200**	**0.0504**	**0.5705**	**0.0000**	**2,116.5188**	**2,116.5188**	**0.0452**	**0.0000**	**2,117.4677**

3.10 Building Construction Phase II - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1023	1.8021	2.3424	3.5000e-003		0.0497	0.0497		0.0513	0.0513	0.0000	301.0433	301.0433	0.0707	0.0000	302.5271
Total	**0.1023**	**1.8021**	**2.3424**	**3.5000e-003**		**0.0497**	**0.0497**		**0.0513**	**0.0513**	**0.0000**	**301.0433**	**301.0433**	**0.0707**	**0.0000**	**302.5271**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.6450	1.9132	4.9685	0.0121	0.3300	0.0431	0.3731	0.0948	0.0397	0.1345	0.0000	1,030.6373	1,030.6373	7.3000e-003	0.0000	1,030.7907
Worker	1.6181	0.3684	3.7802	0.0188	1.5977	0.0116	1.6093	0.4252	0.0108	0.4360	0.0000	1,085.8815	1,085.8815	0.0379	0.0000	1,086.6770
Total	**2.2631**	**2.2815**	**8.7487**	**0.0309**	**1.9277**	**0.0547**	**1.9824**	**0.5200**	**0.0504**	**0.5705**	**0.0000**	**2,116.5188**	**2,116.5188**	**0.0452**	**0.0000**	**2,117.4677**

3.10 Building Construction Phase II - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0633	0.3840	0.7824	1.4900e-003		7.1600e-003	7.1600e-003		7.1600e-003	7.1600e-003	0.0000	126.9281	126.9281	5.0900e-003	0.0000	127.0351
Total	**0.0633**	**0.3840**	**0.7824**	**1.4900e-003**		**7.1600e-003**	**7.1600e-003**		**7.1600e-003**	**7.1600e-003**	**0.0000**	**126.9281**	**126.9281**	**5.0900e-003**	**0.0000**	**127.0351**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2420	0.7052	1.8217	4.5100e-003	0.1226	0.0160	0.1387	0.0352	0.0147	0.0500	0.0000	383.0432	383.0432	2.7200e-003	0.0000	383.1002
Worker	0.5822	0.1329	1.3707	6.9800e-003	0.5938	4.3400e-003	0.5981	0.1580	4.0300e-003	0.1621	0.0000	401.4135	401.4135	0.0138	0.0000	401.7038
Total	**0.8242**	**0.8382**	**3.1924**	**0.0115**	**0.7164**	**0.0204**	**0.7368**	**0.1933**	**0.0188**	**0.2120**	**0.0000**	**784.4567**	**784.4567**	**0.0166**	**0.0000**	**784.8041**

3.10 Building Construction Phase II - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0353	0.6626	0.8681	1.4900e-003		0.0173	0.0173		0.0179	0.0179	0.0000	126.7771	126.7771	5.0900e-003	0.0000	126.8840
Total	**0.0353**	**0.6626**	**0.8681**	**1.4900e-003**		**0.0173**	**0.0173**		**0.0179**	**0.0179**	**0.0000**	**126.7771**	**126.7771**	**5.0900e-003**	**0.0000**	**126.8840**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2420	0.7052	1.8217	4.5100e-003	0.1226	0.0160	0.1387	0.0352	0.0147	0.0500	0.0000	383.0432	383.0432	2.7200e-003	0.0000	383.1002
Worker	0.5822	0.1329	1.3707	6.9800e-003	0.5938	4.3400e-003	0.5981	0.1580	4.0300e-003	0.1621	0.0000	401.4135	401.4135	0.0138	0.0000	401.7038
Total	**0.8242**	**0.8382**	**3.1924**	**0.0115**	**0.7164**	**0.0204**	**0.7368**	**0.1933**	**0.0188**	**0.2120**	**0.0000**	**784.4567**	**784.4567**	**0.0166**	**0.0000**	**784.8041**

3.11 Architectural Coating Phase II - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	6.3435					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0179	0.1197	0.1891	3.1000e-004		5.3800e-003	5.3800e-003		5.3800e-003	5.3800e-003	0.0000	26.6815	26.6815	1.4600e-003	0.0000	26.7121
Total	**6.3613**	**0.1197**	**0.1891**	**3.1000e-004**		**5.3800e-003**	**5.3800e-003**		**5.3800e-003**	**5.3800e-003**	**0.0000**	**26.6815**	**26.6815**	**1.4600e-003**	**0.0000**	**26.7121**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2844	0.0650	0.6606	3.0100e-003	0.2560	1.8100e-003	0.2578	0.0682	1.6700e-003	0.0698	0.0000	177.9146	177.9146	6.4500e-003	0.0000	178.0501
Total	**0.2844**	**0.0650**	**0.6606**	**3.0100e-003**	**0.2560**	**1.8100e-003**	**0.2578**	**0.0682**	**1.6700e-003**	**0.0698**	**0.0000**	**177.9146**	**177.9146**	**6.4500e-003**	**0.0000**	**178.0501**

3.11 Architectural Coating Phase II - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	6.3435					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.2000e-003	0.1416	0.1913	3.1000e-004		4.1400e-003	4.1400e-003		4.1400e-003	4.1400e-003	0.0000	26.6498	26.6498	1.4500e-003	0.0000	26.6803
Total	**6.3497**	**0.1416**	**0.1913**	**3.1000e-004**		**4.1400e-003**	**4.1400e-003**		**4.1400e-003**	**4.1400e-003**	**0.0000**	**26.6498**	**26.6498**	**1.4500e-003**	**0.0000**	**26.6803**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2844	0.0650	0.6606	3.0100e-003	0.2560	1.8100e-003	0.2578	0.0682	1.6700e-003	0.0698	0.0000	177.9146	177.9146	6.4500e-003	0.0000	178.0501
Total	**0.2844**	**0.0650**	**0.6606**	**3.0100e-003**	**0.2560**	**1.8100e-003**	**0.2578**	**0.0682**	**1.6700e-003**	**0.0698**	**0.0000**	**177.9146**	**177.9146**	**6.4500e-003**	**0.0000**	**178.0501**

3.11 Architectural Coating Phase II - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	7.9217					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3581
Total	**7.9440**	**0.1495**	**0.2361**	**3.9000e-004**		**6.7200e-003**	**6.7200e-003**		**6.7200e-003**	**6.7200e-003**	**0.0000**	**33.3200**	**33.3200**	**1.8200e-003**	**0.0000**	**33.3581**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3444	0.0785	0.7997	3.7600e-003	0.3197	2.2800e-003	0.3220	0.0851	2.1200e-003	0.0872	0.0000	220.2980	220.2980	7.8800e-003	0.0000	220.4636
Total	**0.3444**	**0.0785**	**0.7997**	**3.7600e-003**	**0.3197**	**2.2800e-003**	**0.3220**	**0.0851**	**2.1200e-003**	**0.0872**	**0.0000**	**220.2980**	**220.2980**	**7.8800e-003**	**0.0000**	**220.4636**

3.11 Architectural Coating Phase II - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	7.9217					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.7500e-003	0.1769	0.2389	3.9000e-004		5.1600e-003	5.1600e-003		5.1600e-003	5.1600e-003	0.0000	33.2803	33.2803	1.8200e-003	0.0000	33.3185
Total	**7.9295**	**0.1769**	**0.2389**	**3.9000e-004**		**5.1600e-003**	**5.1600e-003**		**5.1600e-003**	**5.1600e-003**	**0.0000**	**33.2803**	**33.2803**	**1.8200e-003**	**0.0000**	**33.3185**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3444	0.0785	0.7997	3.7600e-003	0.3197	2.2800e-003	0.3220	0.0851	2.1200e-003	0.0872	0.0000	220.2980	220.2980	7.8800e-003	0.0000	220.4636
Total	**0.3444**	**0.0785**	**0.7997**	**3.7600e-003**	**0.3197**	**2.2800e-003**	**0.3220**	**0.0851**	**2.1200e-003**	**0.0872**	**0.0000**	**220.2980**	**220.2980**	**7.8800e-003**	**0.0000**	**220.4636**

3.11 Architectural Coating Phase II - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	7.8914					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0222	0.1489	0.2352	3.9000e-004		6.7000e-003	6.7000e-003		6.7000e-003	6.7000e-003	0.0000	33.1923	33.1923	1.8100e-003	0.0000	33.2303
Total	**7.9136**	**0.1489**	**0.2352**	**3.9000e-004**		**6.7000e-003**	**6.7000e-003**		**6.7000e-003**	**6.7000e-003**	**0.0000**	**33.1923**	**33.1923**	**1.8100e-003**	**0.0000**	**33.2303**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3328	0.0757	0.7745	3.7400e-003	0.3185	2.3000e-003	0.3208	0.0848	2.1300e-003	0.0869	0.0000	217.8489	217.8489	7.7000e-003	0.0000	218.0105
Total	**0.3328**	**0.0757**	**0.7745**	**3.7400e-003**	**0.3185**	**2.3000e-003**	**0.3208**	**0.0848**	**2.1300e-003**	**0.0869**	**0.0000**	**217.8489**	**217.8489**	**7.7000e-003**	**0.0000**	**218.0105**

3.11 Architectural Coating Phase II - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	7.8914					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.7200e-003	0.1762	0.2379	3.9000e-004		5.1400e-003	5.1400e-003		5.1400e-003	5.1400e-003	0.0000	33.1528	33.1528	1.8100e-003	0.0000	33.1908
Total	**7.8991**	**0.1762**	**0.2379**	**3.9000e-004**		**5.1400e-003**	**5.1400e-003**		**5.1400e-003**	**5.1400e-003**	**0.0000**	**33.1528**	**33.1528**	**1.8100e-003**	**0.0000**	**33.1908**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3328	0.0757	0.7745	3.7400e-003	0.3185	2.3000e-003	0.3208	0.0848	2.1300e-003	0.0869	0.0000	217.8489	217.8489	7.7000e-003	0.0000	218.0105
Total	**0.3328**	**0.0757**	**0.7745**	**3.7400e-003**	**0.3185**	**2.3000e-003**	**0.3208**	**0.0848**	**2.1300e-003**	**0.0869**	**0.0000**	**217.8489**	**217.8489**	**7.7000e-003**	**0.0000**	**218.0105**

3.11 Architectural Coating Phase II - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	7.9217					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3581
Total	**7.9440**	**0.1495**	**0.2361**	**3.9000e-004**		**6.7200e-003**	**6.7200e-003**		**6.7200e-003**	**6.7200e-003**	**0.0000**	**33.3200**	**33.3200**	**1.8200e-003**	**0.0000**	**33.3581**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3238	0.0737	0.7565	3.7600e-003	0.3197	2.3200e-003	0.3221	0.0851	2.1600e-003	0.0873	0.0000	217.3156	217.3156	7.5800e-003	0.0000	217.4748
Total	**0.3238**	**0.0737**	**0.7565**	**3.7600e-003**	**0.3197**	**2.3200e-003**	**0.3221**	**0.0851**	**2.1600e-003**	**0.0873**	**0.0000**	**217.3156**	**217.3156**	**7.5800e-003**	**0.0000**	**217.4748**

3.11 Architectural Coating Phase II - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	7.9217					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.7500e-003	0.1769	0.2389	3.9000e-004		5.1600e-003	5.1600e-003		5.1600e-003	5.1600e-003	0.0000	33.2803	33.2803	1.8200e-003	0.0000	33.3185
Total	**7.9295**	**0.1769**	**0.2389**	**3.9000e-004**		**5.1600e-003**	**5.1600e-003**		**5.1600e-003**	**5.1600e-003**	**0.0000**	**33.2803**	**33.2803**	**1.8200e-003**	**0.0000**	**33.3185**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3238	0.0737	0.7565	3.7600e-003	0.3197	2.3200e-003	0.3221	0.0851	2.1600e-003	0.0873	0.0000	217.3156	217.3156	7.5800e-003	0.0000	217.4748
Total	**0.3238**	**0.0737**	**0.7565**	**3.7600e-003**	**0.3197**	**2.3200e-003**	**0.3221**	**0.0851**	**2.1600e-003**	**0.0873**	**0.0000**	**217.3156**	**217.3156**	**7.5800e-003**	**0.0000**	**217.4748**

3.11 Architectural Coating Phase II - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.2780					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.0600e-003	0.0462	0.0971	1.6000e-004		1.1000e-003	1.1000e-003		1.1000e-003	1.1000e-003	0.0000	13.7876	13.7876	5.6000e-004	0.0000	13.7993
Total	**3.2850**	**0.0462**	**0.0971**	**1.6000e-004**		**1.1000e-003**	**1.1000e-003**		**1.1000e-003**	**1.1000e-003**	**0.0000**	**13.7876**	**13.7876**	**5.6000e-004**	**0.0000**	**13.7993**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1297	0.0296	0.3054	1.5500e-003	0.1323	9.7000e-004	0.1333	0.0352	9.0000e-004	0.0361	0.0000	89.4443	89.4443	3.0800e-003	0.0000	89.5090
Total	**0.1297**	**0.0296**	**0.3054**	**1.5500e-003**	**0.1323**	**9.7000e-004**	**0.1333**	**0.0352**	**9.0000e-004**	**0.0361**	**0.0000**	**89.4443**	**89.4443**	**3.0800e-003**	**0.0000**	**89.5090**

3.11 Architectural Coating Phase II - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.2780					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2100e-003	0.0732	0.0988	1.6000e-004		2.1400e-003	2.1400e-003		2.1400e-003	2.1400e-003	0.0000	13.7712	13.7712	5.6000e-004	0.0000	13.7829
Total	**3.2812**	**0.0732**	**0.0988**	**1.6000e-004**		**2.1400e-003**	**2.1400e-003**		**2.1400e-003**	**2.1400e-003**	**0.0000**	**13.7712**	**13.7712**	**5.6000e-004**	**0.0000**	**13.7829**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1297	0.0296	0.3054	1.5500e-003	0.1323	9.7000e-004	0.1333	0.0352	9.0000e-004	0.0361	0.0000	89.4443	89.4443	3.0800e-003	0.0000	89.5090
Total	**0.1297**	**0.0296**	**0.3054**	**1.5500e-003**	**0.1323**	**9.7000e-004**	**0.1333**	**0.0352**	**9.0000e-004**	**0.0361**	**0.0000**	**89.4443**	**89.4443**	**3.0800e-003**	**0.0000**	**89.5090**

3.12 Site Preparation Phase III - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.1743	0.0000	1.1743	0.6455	0.0000	0.6455	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1577	0.8489	1.1012	2.7400e-003		0.0274	0.0274		0.0274	0.0274	0.0000	265.7039	265.7039	0.0128	0.0000	265.9729
Total	**0.1577**	**0.8489**	**1.1012**	**2.7400e-003**	**1.1743**	**0.0274**	**1.2017**	**0.6455**	**0.0274**	**0.6729**	**0.0000**	**265.7039**	**265.7039**	**0.0128**	**0.0000**	**265.9729**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0100e-003	2.0600e-003	0.0212	1.1000e-004	9.1900e-003	7.0000e-005	9.2600e-003	2.4500e-003	6.0000e-005	2.5100e-003	0.0000	6.2114	6.2114	2.1000e-004	0.0000	6.2159
Total	**9.0100e-003**	**2.0600e-003**	**0.0212**	**1.1000e-004**	**9.1900e-003**	**7.0000e-005**	**9.2600e-003**	**2.4500e-003**	**6.0000e-005**	**2.5100e-003**	**0.0000**	**6.2114**	**6.2114**	**2.1000e-004**	**0.0000**	**6.2159**

3.12 Site Preparation Phase III - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.5284	0.0000	0.5284	0.2905	0.0000	0.2905	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0618	1.2633	1.5192	2.7400e-003		0.0286	0.0286		0.0328	0.0328	0.0000	265.3878	265.3878	0.0128	0.0000	265.6565
Total	**0.0618**	**1.2633**	**1.5192**	**2.7400e-003**	**0.5284**	**0.0286**	**0.5570**	**0.2905**	**0.0328**	**0.3232**	**0.0000**	**265.3878**	**265.3878**	**0.0128**	**0.0000**	**265.6565**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0100e-003	2.0600e-003	0.0212	1.1000e-004	9.1900e-003	7.0000e-005	9.2600e-003	2.4500e-003	6.0000e-005	2.5100e-003	0.0000	6.2114	6.2114	2.1000e-004	0.0000	6.2159
Total	**9.0100e-003**	**2.0600e-003**	**0.0212**	**1.1000e-004**	**9.1900e-003**	**7.0000e-005**	**9.2600e-003**	**2.4500e-003**	**6.0000e-005**	**2.5100e-003**	**0.0000**	**6.2114**	**6.2114**	**2.1000e-004**	**0.0000**	**6.2159**

3.13 Grading Phase III - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.8163	0.0000	1.8163	0.5446	0.0000	0.5446	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1993	0.8336	1.5819	4.1300e-003		0.0302	0.0302		0.0302	0.0302	0.0000	396.4709	396.4709	0.0161	0.0000	396.8089
Total	**0.1993**	**0.8336**	**1.5819**	**4.1300e-003**	**1.8163**	**0.0302**	**1.8465**	**0.5446**	**0.0302**	**0.5748**	**0.0000**	**396.4709**	**396.4709**	**0.0161**	**0.0000**	**396.8089**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.3900e-003	2.1400e-003	0.0221	1.1000e-004	9.5800e-003	7.0000e-005	9.6500e-003	2.5500e-003	7.0000e-005	2.6100e-003	0.0000	6.4769	6.4769	2.2000e-004	0.0000	6.4815
Total	**9.3900e-003**	**2.1400e-003**	**0.0221**	**1.1000e-004**	**9.5800e-003**	**7.0000e-005**	**9.6500e-003**	**2.5500e-003**	**7.0000e-005**	**2.6100e-003**	**0.0000**	**6.4769**	**6.4769**	**2.2000e-004**	**0.0000**	**6.4815**

3.13 Grading Phase III - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.8173	0.0000	0.8173	0.2451	0.0000	0.2451	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1439	1.3441	1.7845	4.1300e-003		0.0376	0.0376		0.0389	0.0389	0.0000	395.9993	395.9993	0.0161	0.0000	396.3368
Total	**0.1439**	**1.3441**	**1.7845**	**4.1300e-003**	**0.8173**	**0.0376**	**0.8549**	**0.2451**	**0.0389**	**0.2840**	**0.0000**	**395.9993**	**395.9993**	**0.0161**	**0.0000**	**396.3368**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.3900e-003	2.1400e-003	0.0221	1.1000e-004	9.5800e-003	7.0000e-005	9.6500e-003	2.5500e-003	7.0000e-005	2.6100e-003	0.0000	6.4769	6.4769	2.2000e-004	0.0000	6.4815
Total	**9.3900e-003**	**2.1400e-003**	**0.0221**	**1.1000e-004**	**9.5800e-003**	**7.0000e-005**	**9.6500e-003**	**2.5500e-003**	**7.0000e-005**	**2.6100e-003**	**0.0000**	**6.4769**	**6.4769**	**2.2000e-004**	**0.0000**	**6.4815**

3.13 Grading Phase III - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.8163	0.0000	1.8163	0.5446	0.0000	0.5446	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2287	0.9565	1.8153	4.7400e-003		0.0347	0.0347		0.0347	0.0347	0.0000	454.9666	454.9666	0.0185	0.0000	455.3544
Total	**0.2287**	**0.9565**	**1.8153**	**4.7400e-003**	**1.8163**	**0.0347**	**1.8509**	**0.5446**	**0.0347**	**0.5793**	**0.0000**	**454.9666**	**454.9666**	**0.0185**	**0.0000**	**455.3544**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0103	2.3900e-003	0.0248	1.3000e-004	0.0110	8.0000e-005	0.0111	2.9300e-003	7.0000e-005	3.0000e-003	0.0000	7.3994	7.3994	2.5000e-004	0.0000	7.4047
Total	**0.0103**	**2.3900e-003**	**0.0248**	**1.3000e-004**	**0.0110**	**8.0000e-005**	**0.0111**	**2.9300e-003**	**7.0000e-005**	**3.0000e-003**	**0.0000**	**7.3994**	**7.3994**	**2.5000e-004**	**0.0000**	**7.4047**

3.13 Grading Phase III - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.8173	0.0000	0.8173	0.2451	0.0000	0.2451	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1652	1.5424	2.0477	4.7400e-003		0.0431	0.0431		0.0447	0.0447	0.0000	454.4254	454.4254	0.0185	0.0000	454.8128
Total	**0.1652**	**1.5424**	**2.0477**	**4.7400e-003**	**0.8173**	**0.0431**	**0.8605**	**0.2451**	**0.0447**	**0.2897**	**0.0000**	**454.4254**	**454.4254**	**0.0185**	**0.0000**	**454.8128**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0103	2.3900e-003	0.0248	1.3000e-004	0.0110	8.0000e-005	0.0111	2.9300e-003	7.0000e-005	3.0000e-003	0.0000	7.3994	7.3994	2.5000e-004	0.0000	7.4047
Total	**0.0103**	**2.3900e-003**	**0.0248**	**1.3000e-004**	**0.0110**	**8.0000e-005**	**0.0111**	**2.9300e-003**	**7.0000e-005**	**3.0000e-003**	**0.0000**	**7.3994**	**7.3994**	**2.5000e-004**	**0.0000**	**7.4047**

3.14 Paving Phase III - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0522	0.2687	0.5975	1.0600e-003		0.0125	0.0125		0.0125	0.0125	0.0000	90.8087	90.8087	4.2600e-003	0.0000	90.8981
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0522**	**0.2687**	**0.5975**	**1.0600e-003**		**0.0125**	**0.0125**		**0.0125**	**0.0125**	**0.0000**	**90.8087**	**90.8087**	**4.2600e-003**	**0.0000**	**90.8981**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4500e-003	1.0200e-003	0.0105	5.0000e-005	4.5400e-003	3.0000e-005	4.5700e-003	1.2100e-003	3.0000e-005	1.2400e-003	0.0000	3.0659	3.0659	1.1000e-004	0.0000	3.0681
Total	**4.4500e-003**	**1.0200e-003**	**0.0105**	**5.0000e-005**	**4.5400e-003**	**3.0000e-005**	**4.5700e-003**	**1.2100e-003**	**3.0000e-005**	**1.2400e-003**	**0.0000**	**3.0659**	**3.0659**	**1.1000e-004**	**0.0000**	**3.0681**

3.14 Paving Phase III - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0339	0.3617	0.6243	1.0600e-003		0.0121	0.0121		0.0121	0.0121	0.0000	90.7007	90.7007	4.2500e-003	0.0000	90.7900
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0339**	**0.3617**	**0.6243**	**1.0600e-003**		**0.0121**	**0.0121**		**0.0121**	**0.0121**	**0.0000**	**90.7007**	**90.7007**	**4.2500e-003**	**0.0000**	**90.7900**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4500e-003	1.0200e-003	0.0105	5.0000e-005	4.5400e-003	3.0000e-005	4.5700e-003	1.2100e-003	3.0000e-005	1.2400e-003	0.0000	3.0659	3.0659	1.1000e-004	0.0000	3.0681
Total	**4.4500e-003**	**1.0200e-003**	**0.0105**	**5.0000e-005**	**4.5400e-003**	**3.0000e-005**	**4.5700e-003**	**1.2100e-003**	**3.0000e-005**	**1.2400e-003**	**0.0000**	**3.0659**	**3.0659**	**1.1000e-004**	**0.0000**	**3.0681**

3.14 Paving Phase III - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0359	0.1850	0.4113	7.3000e-004		8.5700e-003	8.5700e-003		8.5700e-003	8.5700e-003	0.0000	62.5047	62.5047	2.9300e-003	0.0000	62.5662
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0359**	**0.1850**	**0.4113**	**7.3000e-004**		**8.5700e-003**	**8.5700e-003**		**8.5700e-003**	**8.5700e-003**	**0.0000**	**62.5047**	**62.5047**	**2.9300e-003**	**0.0000**	**62.5662**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9400e-003	6.8000e-004	7.0400e-003	4.0000e-005	3.1200e-003	2.0000e-005	3.1400e-003	8.3000e-004	2.0000e-005	8.5000e-004	0.0000	2.1009	2.1009	7.0000e-005	0.0000	2.1024
Total	**2.9400e-003**	**6.8000e-004**	**7.0400e-003**	**4.0000e-005**	**3.1200e-003**	**2.0000e-005**	**3.1400e-003**	**8.3000e-004**	**2.0000e-005**	**8.5000e-004**	**0.0000**	**2.1009**	**2.1009**	**7.0000e-005**	**0.0000**	**2.1024**

3.14 Paving Phase III - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0234	0.2490	0.4297	7.3000e-004		8.3400e-003	8.3400e-003		8.3400e-003	8.3400e-003	0.0000	62.4304	62.4304	2.9300e-003	0.0000	62.4918
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0234**	**0.2490**	**0.4297**	**7.3000e-004**		**8.3400e-003**	**8.3400e-003**		**8.3400e-003**	**8.3400e-003**	**0.0000**	**62.4304**	**62.4304**	**2.9300e-003**	**0.0000**	**62.4918**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9400e-003	6.8000e-004	7.0400e-003	4.0000e-005	3.1200e-003	2.0000e-005	3.1400e-003	8.3000e-004	2.0000e-005	8.5000e-004	0.0000	2.1009	2.1009	7.0000e-005	0.0000	2.1024
Total	**2.9400e-003**	**6.8000e-004**	**7.0400e-003**	**4.0000e-005**	**3.1200e-003**	**2.0000e-005**	**3.1400e-003**	**8.3000e-004**	**2.0000e-005**	**8.5000e-004**	**0.0000**	**2.1009**	**2.1009**	**7.0000e-005**	**0.0000**	**2.1024**

3.15 Building Construction Phase III - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0144	0.0871	0.1774	3.4000e-004		1.6200e-003	1.6200e-003		1.6200e-003	1.6200e-003	0.0000	28.7878	28.7878	1.1600e-003	0.0000	28.8121
Total	**0.0144**	**0.0871**	**0.1774**	**3.4000e-004**		**1.6200e-003**	**1.6200e-003**		**1.6200e-003**	**1.6200e-003**	**0.0000**	**28.7878**	**28.7878**	**1.1600e-003**	**0.0000**	**28.8121**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0549	0.1600	0.4132	1.0200e-003	0.0278	3.6300e-003	0.0315	7.9900e-003	3.3400e-003	0.0113	0.0000	86.8758	86.8758	6.2000e-004	0.0000	86.8887
Worker	0.1320	0.0302	0.3109	1.5800e-003	0.1347	9.9000e-004	0.1357	0.0358	9.1000e-004	0.0368	0.0000	91.0422	91.0422	3.1400e-003	0.0000	91.1081
Total	**0.1869**	**0.1901**	**0.7240**	**2.6000e-003**	**0.1625**	**4.6200e-003**	**0.1671**	**0.0438**	**4.2500e-003**	**0.0481**	**0.0000**	**177.9180**	**177.9180**	**3.7600e-003**	**0.0000**	**177.9968**

3.15 Building Construction Phase III - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.0100e-003	0.1503	0.1969	3.4000e-004		3.9200e-003	3.9200e-003		4.0500e-003	4.0500e-003	0.0000	28.7536	28.7536	1.1500e-003	0.0000	28.7778
Total	**8.0100e-003**	**0.1503**	**0.1969**	**3.4000e-004**		**3.9200e-003**	**3.9200e-003**		**4.0500e-003**	**4.0500e-003**	**0.0000**	**28.7536**	**28.7536**	**1.1500e-003**	**0.0000**	**28.7778**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0549	0.1600	0.4132	1.0200e-003	0.0278	3.6300e-003	0.0315	7.9900e-003	3.3400e-003	0.0113	0.0000	86.8758	86.8758	6.2000e-004	0.0000	86.8887
Worker	0.1320	0.0302	0.3109	1.5800e-003	0.1347	9.9000e-004	0.1357	0.0358	9.1000e-004	0.0368	0.0000	91.0422	91.0422	3.1400e-003	0.0000	91.1081
Total	**0.1869**	**0.1901**	**0.7240**	**2.6000e-003**	**0.1625**	**4.6200e-003**	**0.1671**	**0.0438**	**4.2500e-003**	**0.0481**	**0.0000**	**177.9180**	**177.9180**	**3.7600e-003**	**0.0000**	**177.9968**

3.15 Building Construction Phase III - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1702	1.0333	2.1051	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.5281	341.5281	0.0137	0.0000	341.8160
Total	**0.1702**	**1.0333**	**2.1051**	**4.0200e-003**		**0.0193**	**0.0193**		**0.0193**	**0.0193**	**0.0000**	**341.5281**	**341.5281**	**0.0137**	**0.0000**	**341.8160**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.6405	1.8866	4.8765	0.0121	0.3300	0.0431	0.3732	0.0948	0.0397	0.1345	0.0000	1,030.8154	1,030.8154	7.3100e-003	0.0000	1,030.9689
Worker	1.5033	0.3478	3.6057	0.0188	1.5977	0.0117	1.6094	0.4252	0.0109	0.4361	0.0000	1,075.2879	1,075.2879	0.0366	0.0000	1,076.0563
Total	**2.1438**	**2.2344**	**8.4822**	**0.0309**	**1.9277**	**0.0549**	**1.9826**	**0.5201**	**0.0506**	**0.5706**	**0.0000**	**2,106.1032**	**2,106.1032**	**0.0439**	**0.0000**	**2,107.0252**

3.15 Building Construction Phase III - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0951	1.7830	2.3358	4.0200e-003		0.0465	0.0465		0.0481	0.0481	0.0000	341.1218	341.1218	0.0137	0.0000	341.4094
Total	**0.0951**	**1.7830**	**2.3358**	**4.0200e-003**		**0.0465**	**0.0465**		**0.0481**	**0.0481**	**0.0000**	**341.1218**	**341.1218**	**0.0137**	**0.0000**	**341.4094**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.6405	1.8866	4.8765	0.0121	0.3300	0.0431	0.3732	0.0948	0.0397	0.1345	0.0000	1,030.8154	1,030.8154	7.3100e-003	0.0000	1,030.9689
Worker	1.5033	0.3478	3.6057	0.0188	1.5977	0.0117	1.6094	0.4252	0.0109	0.4361	0.0000	1,075.2879	1,075.2879	0.0366	0.0000	1,076.0563
Total	**2.1438**	**2.2344**	**8.4822**	**0.0309**	**1.9277**	**0.0549**	**1.9826**	**0.5201**	**0.0506**	**0.5706**	**0.0000**	**2,106.1032**	**2,106.1032**	**0.0439**	**0.0000**	**2,107.0252**

3.15 Building Construction Phase III - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1708	1.0372	2.1132	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	342.8367	342.8367	0.0138	0.0000	343.1257
Total	**0.1708**	**1.0372**	**2.1132**	**4.0400e-003**		**0.0193**	**0.0193**		**0.0193**	**0.0193**	**0.0000**	**342.8367**	**342.8367**	**0.0138**	**0.0000**	**343.1257**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.6258	1.8796	4.8590	0.0122	0.3313	0.0433	0.3746	0.0952	0.0399	0.1350	0.0000	1,034.8662	1,034.8662	7.3500e-003	0.0000	1,035.0205
Worker	1.4561	0.3409	3.5508	0.0189	1.6038	0.0118	1.6156	0.4269	0.0110	0.4378	0.0000	1,075.4189	1,075.4189	0.0362	0.0000	1,076.1792
Total	**2.0819**	**2.2205**	**8.4098**	**0.0310**	**1.9351**	**0.0551**	**1.9902**	**0.5221**	**0.0508**	**0.5729**	**0.0000**	**2,110.2851**	**2,110.2851**	**0.0436**	**0.0000**	**2,111.1997**

3.15 Building Construction Phase III - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0954	1.7898	2.3448	4.0300e-003		0.0467	0.0467		0.0483	0.0483	0.0000	342.4288	342.4288	0.0138	0.0000	342.7175
Total	**0.0954**	**1.7898**	**2.3448**	**4.0300e-003**		**0.0467**	**0.0467**		**0.0483**	**0.0483**	**0.0000**	**342.4288**	**342.4288**	**0.0138**	**0.0000**	**342.7175**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.6258	1.8796	4.8590	0.0122	0.3313	0.0433	0.3746	0.0952	0.0399	0.1350	0.0000	1,034.8662	1,034.8662	7.3500e-003	0.0000	1,035.0205
Worker	1.4561	0.3409	3.5508	0.0189	1.6038	0.0118	1.6156	0.4269	0.0110	0.4378	0.0000	1,075.4189	1,075.4189	0.0362	0.0000	1,076.1792
Total	**2.0819**	**2.2205**	**8.4098**	**0.0310**	**1.9351**	**0.0551**	**1.9902**	**0.5221**	**0.0508**	**0.5729**	**0.0000**	**2,110.2851**	**2,110.2851**	**0.0436**	**0.0000**	**2,111.1997**

3.15 Building Construction Phase III - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1695	1.0293	2.0971	4.0100e-003		0.0192	0.0192		0.0192	0.0192	0.0000	340.2196	340.2196	0.0137	0.0000	340.5064
Total	**0.1695**	**1.0293**	**2.0971**	**4.0100e-003**		**0.0192**	**0.0192**		**0.0192**	**0.0192**	**0.0000**	**340.2196**	**340.2196**	**0.0137**	**0.0000**	**340.5064**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.6087	1.8526	4.7833	0.0121	0.3288	0.0430	0.3718	0.0945	0.0396	0.1340	0.0000	1,027.0821	1,027.0821	7.2900e-003	0.0000	1,027.2353
Worker	1.4008	0.3315	3.4676	0.0187	1.5916	0.0118	1.6033	0.4236	0.0109	0.4345	0.0000	1,063.9537	1,063.9537	0.0355	0.0000	1,064.6989
Total	**2.0095**	**2.1841**	**8.2508**	**0.0308**	**1.9204**	**0.0548**	**1.9751**	**0.5181**	**0.0505**	**0.5686**	**0.0000**	**2,091.0358**	**2,091.0358**	**0.0428**	**0.0000**	**2,091.9342**

3.15 Building Construction Phase III - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0947	1.7761	2.3269	4.0000e-003		0.0463	0.0463		0.0479	0.0479	0.0000	339.8149	339.8149	0.0136	0.0000	340.1013
Total	**0.0947**	**1.7761**	**2.3269**	**4.0000e-003**		**0.0463**	**0.0463**		**0.0479**	**0.0479**	**0.0000**	**339.8149**	**339.8149**	**0.0136**	**0.0000**	**340.1013**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.6087	1.8526	4.7833	0.0121	0.3288	0.0430	0.3718	0.0945	0.0396	0.1340	0.0000	1,027.0821	1,027.0821	7.2900e-003	0.0000	1,027.2353
Worker	1.4008	0.3315	3.4676	0.0187	1.5916	0.0118	1.6033	0.4236	0.0109	0.4345	0.0000	1,063.9537	1,063.9537	0.0355	0.0000	1,064.6989
Total	**2.0095**	**2.1841**	**8.2508**	**0.0308**	**1.9204**	**0.0548**	**1.9751**	**0.5181**	**0.0505**	**0.5686**	**0.0000**	**2,091.0358**	**2,091.0358**	**0.0428**	**0.0000**	**2,091.9342**

3.15 Building Construction Phase III - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1630	0.9897	2.0164	3.8500e-003		0.0185	0.0185		0.0185	0.0185	0.0000	327.1342	327.1342	0.0131	0.0000	327.4100
Total	**0.1630**	**0.9897**	**2.0164**	**3.8500e-003**		**0.0185**	**0.0185**		**0.0185**	**0.0185**	**0.0000**	**327.1342**	**327.1342**	**0.0131**	**0.0000**	**327.4100**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5814	1.7720	4.5730	0.0116	0.3162	0.0413	0.3575	0.0909	0.0380	0.1289	0.0000	987.6469	987.6469	7.0200e-003	0.0000	987.7942
Worker	1.3124	0.3132	3.2831	0.0180	1.5303	0.0113	1.5417	0.4073	0.0105	0.4178	0.0000	1,020.4207	1,020.4207	0.0337	0.0000	1,021.1288
Total	**1.8937**	**2.0852**	**7.8561**	**0.0296**	**1.8465**	**0.0527**	**1.8992**	**0.4982**	**0.0486**	**0.5467**	**0.0000**	**2,008.0675**	**2,008.0675**	**0.0407**	**0.0000**	**2,008.9230**

3.15 Building Construction Phase III - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0911	1.7078	2.2374	3.8500e-003		0.0446	0.0446		0.0461	0.0461	0.0000	326.7451	326.7451	0.0131	0.0000	327.0205
Total	**0.0911**	**1.7078**	**2.2374**	**3.8500e-003**		**0.0446**	**0.0446**		**0.0461**	**0.0461**	**0.0000**	**326.7451**	**326.7451**	**0.0131**	**0.0000**	**327.0205**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5814	1.7720	4.5730	0.0116	0.3162	0.0413	0.3575	0.0909	0.0380	0.1289	0.0000	987.6469	987.6469	7.0200e-003	0.0000	987.7942
Worker	1.3124	0.3132	3.2831	0.0180	1.5303	0.0113	1.5417	0.4073	0.0105	0.4178	0.0000	1,020.4207	1,020.4207	0.0337	0.0000	1,021.1288
Total	**1.8937**	**2.0852**	**7.8561**	**0.0296**	**1.8465**	**0.0527**	**1.8992**	**0.4982**	**0.0486**	**0.5467**	**0.0000**	**2,008.0675**	**2,008.0675**	**0.0407**	**0.0000**	**2,008.9230**

3.16 Architectural Coating Phase III - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.8173					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.6300e-003	0.0565	0.1187	2.0000e-004		1.3400e-003	1.3400e-003		1.3400e-003	1.3400e-003	0.0000	16.8515	16.8515	6.8000e-004	0.0000	16.8658
Total	**4.8259**	**0.0565**	**0.1187**	**2.0000e-004**		**1.3400e-003**	**1.3400e-003**		**1.3400e-003**	**1.3400e-003**	**0.0000**	**16.8515**	**16.8515**	**6.8000e-004**	**0.0000**	**16.8658**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1522	0.0352	0.3650	1.9000e-003	0.1617	1.1900e-003	0.1629	0.0430	1.1000e-003	0.0441	0.0000	108.8345	108.8345	3.7000e-003	0.0000	108.9123
Total	**0.1522**	**0.0352**	**0.3650**	**1.9000e-003**	**0.1617**	**1.1900e-003**	**0.1629**	**0.0430**	**1.1000e-003**	**0.0441**	**0.0000**	**108.8345**	**108.8345**	**3.7000e-003**	**0.0000**	**108.9123**

3.16 Architectural Coating Phase III - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.8173					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.9200e-003	0.0895	0.1208	2.0000e-004		2.6100e-003	2.6100e-003		2.6100e-003	2.6100e-003	0.0000	16.8314	16.8314	6.8000e-004	0.0000	16.8457
Total	**4.8212**	**0.0895**	**0.1208**	**2.0000e-004**		**2.6100e-003**	**2.6100e-003**		**2.6100e-003**	**2.6100e-003**	**0.0000**	**16.8314**	**16.8314**	**6.8000e-004**	**0.0000**	**16.8457**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1522	0.0352	0.3650	1.9000e-003	0.1617	1.1900e-003	0.1629	0.0430	1.1000e-003	0.0441	0.0000	108.8345	108.8345	3.7000e-003	0.0000	108.9123
Total	**0.1522**	**0.0352**	**0.3650**	**1.9000e-003**	**0.1617**	**1.1900e-003**	**0.1629**	**0.0430**	**1.1000e-003**	**0.0441**	**0.0000**	**108.8345**	**108.8345**	**3.7000e-003**	**0.0000**	**108.9123**

3.16 Architectural Coating Phase III - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	9.5616					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0171	0.1122	0.2355	3.9000e-004		2.6600e-003	2.6600e-003		2.6600e-003	2.6600e-003	0.0000	33.4476	33.4476	1.3500e-003	0.0000	33.4761
Total	**9.5788**	**0.1122**	**0.2355**	**3.9000e-004**		**2.6600e-003**	**2.6600e-003**		**2.6600e-003**	**2.6600e-003**	**0.0000**	**33.4476**	**33.4476**	**1.3500e-003**	**0.0000**	**33.4761**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2914	0.0682	0.7106	3.7700e-003	0.3210	2.3700e-003	0.3233	0.0854	2.2000e-003	0.0876	0.0000	215.2217	215.2217	7.2500e-003	0.0000	215.3739
Total	**0.2914**	**0.0682**	**0.7106**	**3.7700e-003**	**0.3210**	**2.3700e-003**	**0.3233**	**0.0854**	**2.2000e-003**	**0.0876**	**0.0000**	**215.2217**	**215.2217**	**7.2500e-003**	**0.0000**	**215.3739**

3.16 Architectural Coating Phase III - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	9.5616					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.7800e-003	0.1776	0.2398	3.9000e-004		5.1800e-003	5.1800e-003		5.1800e-003	5.1800e-003	0.0000	33.4078	33.4078	1.3500e-003	0.0000	33.4362
Total	**9.5694**	**0.1776**	**0.2398**	**3.9000e-004**		**5.1800e-003**	**5.1800e-003**		**5.1800e-003**	**5.1800e-003**	**0.0000**	**33.4078**	**33.4078**	**1.3500e-003**	**0.0000**	**33.4362**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2914	0.0682	0.7106	3.7700e-003	0.3210	2.3700e-003	0.3233	0.0854	2.2000e-003	0.0876	0.0000	215.2217	215.2217	7.2500e-003	0.0000	215.3739
Total	**0.2914**	**0.0682**	**0.7106**	**3.7700e-003**	**0.3210**	**2.3700e-003**	**0.3233**	**0.0854**	**2.2000e-003**	**0.0876**	**0.0000**	**215.2217**	**215.2217**	**7.2500e-003**	**0.0000**	**215.3739**

3.16 Architectural Coating Phase III - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	9.4887					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2205
Total	**9.5057**	**0.1113**	**0.2337**	**3.9000e-004**		**2.6400e-003**	**2.6400e-003**		**2.6400e-003**	**2.6400e-003**	**0.0000**	**33.1923**	**33.1923**	**1.3400e-003**	**0.0000**	**33.2205**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2803	0.0663	0.6940	3.7400e-003	0.3185	2.3600e-003	0.3209	0.0848	2.1900e-003	0.0870	0.0000	212.9272	212.9272	7.1000e-003	0.0000	213.0764
Total	**0.2803**	**0.0663**	**0.6940**	**3.7400e-003**	**0.3185**	**2.3600e-003**	**0.3209**	**0.0848**	**2.1900e-003**	**0.0870**	**0.0000**	**212.9272**	**212.9272**	**7.1000e-003**	**0.0000**	**213.0764**

3.16 Architectural Coating Phase III - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	9.4887					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.7200e-003	0.1762	0.2379	3.9000e-004		5.1400e-003	5.1400e-003		5.1400e-003	5.1400e-003	0.0000	33.1528	33.1528	1.3400e-003	0.0000	33.1810
Total	**9.4964**	**0.1762**	**0.2379**	**3.9000e-004**		**5.1400e-003**	**5.1400e-003**		**5.1400e-003**	**5.1400e-003**	**0.0000**	**33.1528**	**33.1528**	**1.3400e-003**	**0.0000**	**33.1810**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2803	0.0663	0.6940	3.7400e-003	0.3185	2.3600e-003	0.3209	0.0848	2.1900e-003	0.0870	0.0000	212.9272	212.9272	7.1000e-003	0.0000	213.0764
Total	**0.2803**	**0.0663**	**0.6940**	**3.7400e-003**	**0.3185**	**2.3600e-003**	**0.3209**	**0.0848**	**2.1900e-003**	**0.0870**	**0.0000**	**212.9272**	**212.9272**	**7.1000e-003**	**0.0000**	**213.0764**

3.16 Architectural Coating Phase III - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	9.4887					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2205
Total	**9.5057**	**0.1113**	**0.2337**	**3.9000e-004**		**2.6400e-003**	**2.6400e-003**		**2.6400e-003**	**2.6400e-003**	**0.0000**	**33.1923**	**33.1923**	**1.3400e-003**	**0.0000**	**33.2205**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2732	0.0652	0.6833	3.7400e-003	0.3185	2.3600e-003	0.3209	0.0848	2.1900e-003	0.0870	0.0000	212.3836	212.3836	7.0200e-003	0.0000	212.5310
Total	**0.2732**	**0.0652**	**0.6833**	**3.7400e-003**	**0.3185**	**2.3600e-003**	**0.3209**	**0.0848**	**2.1900e-003**	**0.0870**	**0.0000**	**212.3836**	**212.3836**	**7.0200e-003**	**0.0000**	**212.5310**

3.16 Architectural Coating Phase III - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	9.4887					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.7200e-003	0.1762	0.2379	3.9000e-004		5.1400e-003	5.1400e-003		5.1400e-003	5.1400e-003	0.0000	33.1528	33.1528	1.3400e-003	0.0000	33.1810
Total	**9.4964**	**0.1762**	**0.2379**	**3.9000e-004**		**5.1400e-003**	**5.1400e-003**		**5.1400e-003**	**5.1400e-003**	**0.0000**	**33.1528**	**33.1528**	**1.3400e-003**	**0.0000**	**33.1810**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2732	0.0652	0.6833	3.7400e-003	0.3185	2.3600e-003	0.3209	0.0848	2.1900e-003	0.0870	0.0000	212.3836	212.3836	7.0200e-003	0.0000	212.5310
Total	**0.2732**	**0.0652**	**0.6833**	**3.7400e-003**	**0.3185**	**2.3600e-003**	**0.3209**	**0.0848**	**2.1900e-003**	**0.0870**	**0.0000**	**212.3836**	**212.3836**	**7.0200e-003**	**0.0000**	**212.5310**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Integrate Below Market Rate Housing

Expand Transit Network

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	50.3514	47.9571	205.1293	0.4633	29.9294	0.6747	30.6040	8.0258	0.6218	8.6476	0.0000	32,814.9134	32,814.9134	1.0815	0.0000	32,837.6258
Unmitigated	52.5039	49.8777	210.8560	0.4865	31.5056	0.7066	32.2122	8.4485	0.6512	9.0997	0.0000	34,463.7263	34,463.7263	1.1301	0.0000	34,487.4592

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	6,530.30	6,530.30	6530.30	12,629,679	11,997,826
Elementary School	1,032.00	0.00	0.00	1,425,643	1,354,319
General Office Building	375.02	375.02	375.02	725,293	689,007
Single Family Housing	17,564.40	17,564.40	17564.40	33,969,762	32,270,280
Strip Mall	18,873.40	18,873.40	18873.40	36,501,384	34,675,247
Total	44,375.12	43,343.12	43,343.12	85,251,761	80,986,679

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	6.56	6.56	6.56	42.60	21.00	36.40	80.7	0	19.3
Elementary School	6.56	6.56	6.56	65.00	30.00	5.00	80.7	0	19.3
General Office Building	6.56	6.56	6.56	33.00	48.00	19.00	80.7	0	19.3
Single Family Housing	6.56	6.56	6.56	42.60	21.00	36.40	80.7	0	19.3
Strip Mall	6.56	6.56	6.56	16.60	64.40	19.00	80.7	0	19.3

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.436273	0.063932	0.189732	0.169543	0.063617	0.008590	0.013234	0.039559	0.001712	0.001072	0.008451	0.000528	0.003758

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	5,798.2677	5,798.2677	0.2118	0.0438	5,816.3023
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	8,681.9922	8,681.9922	0.3172	0.0656	8,708.9963
NaturalGas Mitigated	0.3246	2.7888	1.2922	0.0177		0.2242	0.2242		0.2242	0.2242	0.0000	3,212.0102	3,212.0102	0.0616	0.0589	3,231.5579
NaturalGas Unmitigated	0.4097	3.5209	1.6375	0.0224		0.2830	0.2830		0.2830	0.2830	0.0000	4,054.2209	4,054.2209	0.0777	0.0743	4,078.8943

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Elementary School	834960	4.5000e-003	0.0409	0.0344	2.5000e-004		3.1100e-003	3.1100e-003		3.1100e-003	3.1100e-003	0.0000	44.5567	44.5567	8.5000e-004	8.2000e-004	44.8278
General Office Building	588200	3.1700e-003	0.0288	0.0242	1.7000e-004		2.1900e-003	2.1900e-003		2.1900e-003	2.1900e-003	0.0000	31.3886	31.3886	6.0000e-004	5.8000e-004	31.5796
Single Family Housing	5.932e+007	0.3199	2.7334	1.1631	0.0175		0.2210	0.2210		0.2210	0.2210	0.0000	3,165.5419	3,165.5419	0.0607	0.0580	3,184.8069
Strip Mall	5.43218e+006	0.0293	0.2663	0.2237	1.6000e-003		0.0202	0.0202		0.0202	0.0202	0.0000	289.8818	289.8818	5.5600e-003	5.3100e-003	291.6460
Apartments Mid Rise	9.79788e+006	0.0528	0.4515	0.1921	2.8800e-003		0.0365	0.0365		0.0365	0.0365	0.0000	522.8520	522.8520	0.0100	9.5900e-003	526.0339
Total		**0.4097**	**3.5209**	**1.6375**	**0.0224**		**0.2830**	**0.2830**		**0.2830**	**0.2830**	**0.0000**	**4,054.2209**	**4,054.2209**	**0.0777**	**0.0743**	**4,078.8943**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Elementary School	635040	3.4200e-003	0.0311	0.0262	1.9000e-004		2.3700e-003	2.3700e-003		2.3700e-003	2.3700e-003	0.0000	33.8882	33.8882	6.5000e-004	6.2000e-004	34.0944
General Office Building	445145	2.4000e-003	0.0218	0.0183	1.3000e-004		1.6600e-003	1.6600e-003		1.6600e-003	1.6600e-003	0.0000	23.7546	23.7546	4.6000e-004	4.4000e-004	23.8992
Single Family Housing	4.7227e+007	0.2547	2.1761	0.9260	0.0139		0.1759	0.1759		0.1759	0.1759	0.0000	2,520.2104	2,520.2104	0.0483	0.0462	2,535.5479
Strip Mall	4.11391e+006	0.0222	0.2017	0.1694	1.2100e-003		0.0153	0.0153		0.0153	0.0153	0.0000	219.5342	219.5342	4.2100e-003	4.0200e-003	220.8702
Apartments Mid Rise	7.76974e+006	0.0419	0.3580	0.1524	2.2900e-003		0.0290	0.0290		0.0290	0.0290	0.0000	414.6228	414.6228	7.9500e-003	7.6000e-003	417.1462
Total		**0.3246**	**2.7888**	**1.2923**	**0.0177**		**0.2243**	**0.2243**		**0.2243**	**0.2243**	**0.0000**	**3,212.0102**	**3,212.0102**	**0.0616**	**0.0589**	**3,231.5579**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	3.55326e+006	1,279.3922	0.0467	9.6700e-003	1,283.3716
Elementary School	539280	194.1740	7.0900e-003	1.4700e-003	194.7780
General Office Building	379780	136.7442	5.0000e-003	1.0300e-003	137.1695
Single Family Housing	1.37218e+007	4,940.7002	0.1805	0.0373	4,956.0676
Strip Mall	5.91838e+006	2,130.9815	0.0779	0.0161	2,137.6096
Total		**8,681.9922**	**0.3172**	**0.0656**	**8,708.9963**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	2.746e+006	988.7278	0.0361	7.4700e-003	991.8031
Elementary School	264180	95.1211	3.4800e-003	7.2000e-004	95.4169
General Office Building	223295	80.4000	2.9400e-003	6.1000e-004	80.6500
Single Family Housing	1.0417e+007	3,750.7517	0.1370	0.0284	3,762.4178
Strip Mall	2.4531e+006	883.2672	0.0323	6.6800e-003	886.0144
Total		**5,798.2677**	**0.2118**	**0.0438**	**5,816.3023**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	25.4138	0.2396	20.6708	1.0800e-003		0.1642	0.1642		0.1637	0.1637	0.0000	760.4873	760.4873	0.0462	0.0133	765.5881
Unmitigated	30.3441	0.2437	21.0764	1.1100e-003		0.1666	0.1666		0.1661	0.1661	0.0000	761.3117	761.3117	0.0474	0.0133	766.4395

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	8.2417					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	21.3865					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0735	0.0000	4.0100e-003	0.0000		0.0508	0.0508		0.0502	0.0502	0.0000	727.0008	727.0008	0.0139	0.0133	731.4252
Landscaping	0.6424	0.2437	21.0724	1.1100e-003		0.1159	0.1159		0.1159	0.1159	0.0000	34.3109	34.3109	0.0335	0.0000	35.0143
Total	**30.3441**	**0.2437**	**21.0764**	**1.1100e-003**		**0.1666**	**0.1666**		**0.1661**	**0.1661**	**0.0000**	**761.3117**	**761.3117**	**0.0474**	**0.0133**	**766.4395**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	3.3356					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	21.3865					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0735	0.0000	4.0100e-003	0.0000		0.0508	0.0508		0.0502	0.0502	0.0000	727.0008	727.0008	0.0139	0.0133	731.4252
Landscaping	0.6182	0.2396	20.6668	1.0800e-003		0.1135	0.1135		0.1135	0.1135	0.0000	33.4865	33.4865	0.0322	0.0000	34.1629
Total	**25.4138**	**0.2396**	**20.6708**	**1.0800e-003**		**0.1642**	**0.1642**		**0.1637**	**0.1637**	**0.0000**	**760.4873**	**760.4873**	**0.0461**	**0.0133**	**765.5881**

7.0 Water Detail

7.1 Mitigation Measures Water

Use Reclaimed Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Turf Reduction

Use Water Efficient Irrigation System

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	745.1396	8.6768	0.2090	992.1472
Unmitigated	951.0773	10.8487	0.2618	1,260.0660

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	46.5911 / 27.312	139.9733	1.5227	0.0368	183.3570
Elementary School	7.56699 / 4.81536	23.2118	0.2473	5.9800e-003	30.2593
General Office Building	2.42355 / 1.53066	7.4196	0.0792	1.9100e-003	9.6768
Single Family Housing	197.026 / 115.498	591.9243	6.4394	0.1556	775.3867
Strip Mall	78.3798 / 8.70887	188.5482	2.5600	0.0615	261.3862
Total		**951.0773**	**10.8487**	**0.2618**	**1,260.0660**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	37.2729 / 19.6912	109.2586	1.2179	0.0294	143.9382
Elementary School	6.0536 / 3.47174	18.0898	0.1978	4.7700e-003	23.7233
General Office Building	1.93884 / 1.10356	5.7833	0.0634	1.5300e-003	7.5875
Single Family Housing	157.621 / 83.2708	462.0367	5.1502	0.1242	608.6910
Strip Mall	62.7039 / 6.27885	149.9712	2.0476	0.0492	208.2072
Total		**745.1396**	**8.6768**	**0.2090**	**992.1472**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1,774.9530	104.8967	0.0000	3,977.7840
Unmitigated	1,774.9530	104.8967	0.0000	3,977.7840

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	1387.5	281.6500	16.6450	0.0000	631.1957
Elementary School	448.5	91.0415	5.3804	0.0000	204.0298
General Office Building	97.1	19.7104	1.1649	0.0000	44.1723
Single Family Housing	5385.3	1,093.1672	64.6043	0.0000	2,449.8582
Strip Mall	1425.6	289.3839	17.1021	0.0000	648.5280
Total		**1,774.9530**	**104.8967**	**0.0000**	**3,977.7840**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	1387.5	281.6500	16.6450	0.0000	631.1957
Elementary School	448.5	91.0415	5.3804	0.0000	204.0298
General Office Building	97.1	19.7104	1.1649	0.0000	44.1723
Single Family Housing	5385.3	1,093.1672	64.6043	0.0000	2,449.8582
Strip Mall	1425.6	289.3839	17.1021	0.0000	648.5280
Total		**1,774.9530**	**104.8967**	**0.0000**	**3,977.7840**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Vegetation

	Total CO2	CH4	N2O	CO2e
Category	MT			
Unmitigated	-2,160.4306	0.0000	0.0000	-2,160.4306

10.1 Vegetation Land Change

Vegetation Type

	Initial/Final	Total CO2	CH4	N2O	CO2e
	Acres	MT			
Grassland	625.53 / 124.27	-2,160.4306	0.0000	0.0000	-2,160.4306
Total		**-2,160.4306**	**0.0000**	**0.0000**	**-2,160.4306**

Amoruso Ranch Specific Plan

Placer County APCD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	34.00	1000sqft	4.09	34,000.00	0
Elementary School	800.00	Student	9.62	84,000.00	0
Apartments Mid Rise	982.00	Dwelling Unit	63.94	1,393,000.00	2592
Single Family Housing	1,845.00	Dwelling Unit	325.31	3,523,000.00	4870
Strip Mall	442.00	1000sqft	76.79	442,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	74
Climate Zone	2			**Operational Year**	2020
Utility Company	Roseville Electric				
CO2 Intensity (lb/MWhr)	793.8	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Refer to CalEEMod Input Table, Appendix A.

Construction Phase - Refer to CalEEMod Input Table, Appendix A.

Trips and VMT -

Architectural Coating - PCAPCD Rule 218.

Vehicle Trips - Refer to CalEEMod Input Table, Appendix A.

Woodstoves - Refer to CalEEMod Table, Appendix A.

Area Coating - PCAPCD Rule 218

Water And Wastewater - Refer to CalEEMod Table, Appendix A.

Solid Waste - Refer to CalEEMod Table, Appendix A. Used default distribution. Landfill Calpture Gas Flare (%) refer to CalEEMod Table, Appendix A.

Land Use Change -

Construction Off-road Equipment Mitigation - Refer to CalEEMod Table in Appendix.

Mobile Land Use Mitigation - Refer to CalEEMod Table, Appendix A.

Area Mitigation - Refer to CalEEMod Table, Appendix A.

Energy Mitigation -

Water Mitigation - Refer to CalEEMod Table, Appendix A.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00

tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	100
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	100
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	100
tblConstEquipMitigation	DPF	No Change	Level 2
tblConstEquipMitigation	DPF	No Change	Level 2
tblConstEquipMitigation	DPF	No Change	Level 2
tblConstEquipMitigation	DPF	No Change	Level 2
tblConstEquipMitigation	DPF	No Change	Level 2
tblConstEquipMitigation	DPF	No Change	Level 2
tblConstEquipMitigation	DPF	No Change	Level 2
tblConstEquipMitigation	DPF	No Change	Level 2
tblConstEquipMitigation	DPF	No Change	Level 2
tblConstEquipMitigation	DPF	No Change	Level 2
tblConstEquipMitigation	DPF	No Change	Level 2
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	27.00
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstructionPhase	NumDays	550.00	1,099.00
tblConstructionPhase	NumDays	550.00	914.00
tblConstructionPhase	NumDays	550.00	1,912.00
tblConstructionPhase	NumDays	7,750.00	1,055.00
tblConstructionPhase	NumDays	7,750.00	2,076.00
tblConstructionPhase	NumDays	7,750.00	1,088.00
tblConstructionPhase	NumDays	775.00	262.00
tblConstructionPhase	NumDays	775.00	391.00
tblConstructionPhase	NumDays	775.00	458.00
tblConstructionPhase	NumDays	550.00	130.00
tblConstructionPhase	NumDays	550.00	391.00
tblConstructionPhase	NumDays	550.00	391.00
tblConstructionPhase	NumDays	300.00	370.00
tblConstructionPhase	NumDays	300.00	130.00
tblConstructionPhase	NumDays	300.00	250.00

tblConstructionPhase	PhaseEndDate	8/1/2034	5/30/2030
tblConstructionPhase	PhaseEndDate	6/17/2038	12/30/2034
tblConstructionPhase	PhaseEndDate	9/13/2032	5/30/2025
tblConstructionPhase	PhaseEndDate	3/30/2035	12/15/2034
tblConstructionPhase	PhaseEndDate	9/29/2026	5/15/2025
tblConstructionPhase	PhaseEndDate	5/15/2031	5/15/2030
tblConstructionPhase	PhaseEndDate	12/2/2031	7/15/2031
tblConstructionPhase	PhaseEndDate	12/2/2019	8/15/2018
tblConstructionPhase	PhaseEndDate	2/16/2028	4/15/2027
tblConstructionPhase	PhaseEndDate	1/13/2032	3/15/2031
tblConstructionPhase	PhaseEndDate	2/13/2020	10/15/2018
tblConstructionPhase	PhaseEndDate	10/13/2028	3/15/2027
tblConstructionPhase	PhaseEndDate	11/28/2030	12/1/2030
tblConstructionPhase	PhaseStartDate	5/16/2030	3/15/2026
tblConstructionPhase	PhaseStartDate	12/16/2034	7/1/2031
tblConstructionPhase	PhaseStartDate	5/16/2025	2/1/2018
tblConstructionPhase	PhaseStartDate	3/16/2031	12/1/2030
tblConstructionPhase	PhaseStartDate	10/16/2018	6/1/2017
tblConstructionPhase	PhaseStartDate	3/16/2027	3/15/2026
tblConstructionPhase	PhaseStartDate	12/2/2030	7/15/2030
tblConstructionPhase	PhaseStartDate	6/2/2018	2/15/2017
tblConstructionPhase	PhaseStartDate	5/16/2026	7/15/2025
tblConstructionPhase	PhaseStartDate	7/16/2031	9/15/2030
tblConstructionPhase	PhaseStartDate	8/16/2018	4/15/2017
tblConstructionPhase	PhaseStartDate	4/16/2027	9/15/2025
tblConstructionPhase	PhaseStartDate	5/31/2030	6/1/2030
tblConstructionPhase	PhaseStartDate	5/31/2025	6/1/2025
tblFireplaces	FireplaceWoodMass	3,078.40	0.00

tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	540.10	0.00
tblFireplaces	NumberGas	1,014.75	923.00
tblFireplaces	NumberNoFireplace	98.20	982.00
tblFireplaces	NumberNoFireplace	184.50	922.00
tblFireplaces	NumberWood	343.70	0.00
tblFireplaces	NumberWood	645.75	0.00
tblGrading	AcresOfGrading	655.00	1,937.50
tblGrading	AcresOfGrading	977.50	1,937.50
tblGrading	AcresOfGrading	1,145.00	1,937.50
tblLandUse	LandUseSquareFeet	66,882.70	84,000.00
tblLandUse	LandUseSquareFeet	982,000.00	1,393,000.00
tblLandUse	LandUseSquareFeet	3,321,000.00	3,523,000.00
tblLandUse	LotAcreage	0.78	4.09
tblLandUse	LotAcreage	1.54	9.62
tblLandUse	LotAcreage	25.84	63.94
tblLandUse	LotAcreage	599.03	325.31
tblLandUse	LotAcreage	10.15	76.79
tblLandUse	Population	2,809.00	2,592.00
tblLandUse	Population	5,277.00	4,870.00
tblProjectCharacteristics	OperationalYear	2014	2020
tblSolidWaste	SolidWasteGenerationRate	451.72	1,387.50
tblSolidWaste	SolidWasteGenerationRate	146.00	448.50
tblSolidWaste	SolidWasteGenerationRate	31.62	97.10
tblSolidWaste	SolidWasteGenerationRate	1,753.20	5,385.30
tblSolidWaste	SolidWasteGenerationRate	464.10	1,425.60
tblVehicleTrips	CC_TL	7.30	6.56
tblVehicleTrips	CC_TL	7.30	6.56

tblVehicleTrips	CC_TL	7.30	6.56
tblVehicleTrips	CNW_TL	7.30	6.56
tblVehicleTrips	CNW_TL	7.30	6.56
tblVehicleTrips	CNW_TL	7.30	6.56
tblVehicleTrips	CW_TL	9.50	6.56
tblVehicleTrips	CW_TL	9.50	6.56
tblVehicleTrips	CW_TL	9.50	6.56
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	HO_TL	7.50	6.56
tblVehicleTrips	HO_TL	7.50	6.56
tblVehicleTrips	HS_TL	7.30	6.56
tblVehicleTrips	HS_TL	7.30	6.56
tblVehicleTrips	HW_TL	10.80	6.56
tblVehicleTrips	HW_TL	10.80	6.56
tblVehicleTrips	PB_TP	3.00	19.30
tblVehicleTrips	PB_TP	12.00	19.30
tblVehicleTrips	PB_TP	4.00	19.30
tblVehicleTrips	PB_TP	3.00	19.30
tblVehicleTrips	PB_TP	15.00	19.30
tblVehicleTrips	PR_TP	86.00	80.70
tblVehicleTrips	PR_TP	63.00	80.70
tblVehicleTrips	PR_TP	77.00	80.70
tblVehicleTrips	PR_TP	86.00	80.70
tblVehicleTrips	PR_TP	45.00	80.70

tblVehicleTrips	ST_TR	7.16	6.65
tblVehicleTrips	ST_TR	2.37	11.03
tblVehicleTrips	ST_TR	10.08	9.52
tblVehicleTrips	ST_TR	42.04	42.70
tblVehicleTrips	SU_TR	6.07	6.65
tblVehicleTrips	SU_TR	0.98	11.03
tblVehicleTrips	SU_TR	8.77	9.52
tblVehicleTrips	SU_TR	20.43	42.70
tblVehicleTrips	WD_TR	6.59	6.65
tblVehicleTrips	WD_TR	11.01	11.03
tblVehicleTrips	WD_TR	9.57	9.52
tblVehicleTrips	WD_TR	44.32	42.70
tblWater	IndoorWaterUseRate	63,981,253.16	46,591,087.37
tblWater	IndoorWaterUseRate	1,939,392.00	7,566,994.30
tblWater	IndoorWaterUseRate	6,042,947.43	2,423,546.28
tblWater	IndoorWaterUseRate	120,209,177.27	197,026,066.55
tblWater	IndoorWaterUseRate	32,740,054.50	78,379,813.95
tblWater	OutdoorWaterUseRate	40,336,007.43	27,312,016.73
tblWater	OutdoorWaterUseRate	4,987,008.00	4,815,360.01
tblWater	OutdoorWaterUseRate	3,703,741.97	1,530,660.81
tblWater	OutdoorWaterUseRate	75,784,046.54	115,498,039.01
tblWater	OutdoorWaterUseRate	20,066,485.01	8,708,868.22
tblWaterMitigation	UseWaterEfficientIrrigationSystemPercentReduction	6.1	20
tblWoodstoves	NumberCatalytic	49.10	0.00
tblWoodstoves	NumberCatalytic	92.25	0.00
tblWoodstoves	NumberNoncatalytic	49.10	0.00
tblWoodstoves	NumberNoncatalytic	92.25	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00

tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2017	46.3675	206.2050	225.6552	0.4086	45.2079	9.6041	54.8120	18.0698	8.8698	26.9396	0.0000	37,527.4656	37,527.4656	5.1110	0.0000	37,634.7961
2018	80.9047	183.0812	219.6984	0.4432	47.7705	8.3101	56.0807	18.7495	7.6877	26.4372	0.0000	39,349.5257	39,349.5257	5.1738	0.0000	39,458.1757
2019	66.7402	55.1956	117.5628	0.3144	17.9921	1.9498	19.9419	4.8258	1.8307	6.6565	0.0000	25,835.8521	25,835.8521	1.2480	0.0000	25,862.0596
2020	65.0407	48.5531	111.3515	0.3142	17.9924	1.7125	19.7049	4.8259	1.6077	6.4336	0.0000	25,041.1148	25,041.1148	1.2057	0.0000	25,066.4334
2021	62.6380	41.9999	104.6294	0.3140	17.9928	1.4983	19.4911	4.8261	1.4061	6.2321	0.0000	24,804.2071	24,804.2071	1.1739	0.0000	24,828.8596
2022	61.4333	37.5935	100.8754	0.3139	17.9931	1.3312	19.3243	4.8262	1.2489	6.0750	0.0000	24,596.2119	24,596.2119	1.1511	0.0000	24,620.3841
2023	60.3407	34.3369	97.2576	0.3138	17.9933	1.1949	19.1882	4.8263	1.1204	5.9467	0.0000	24,404.2140	24,404.2140	1.1254	0.0000	24,427.8473
2024	59.2658	32.9613	94.4167	0.3138	17.9938	1.1011	19.0949	4.8265	1.0314	5.8578	0.0000	24,246.7200	24,246.7200	1.1069	0.0000	24,269.9642
2025	58.5553	59.3059	92.2241	0.3138	29.0100	2.6298	31.6398	13.8408	2.4195	16.2603	0.0000	24,109.9478	24,109.9478	3.8722	0.0000	24,191.2636
2026	90.5497	90.6276	162.2350	0.4425	47.0043	3.6389	50.6433	18.6675	3.3637	22.0312	0.0000	36,278.7373	36,278.7373	4.9535	0.0000	36,382.7607
2027	87.3216	66.8196	135.3858	0.4015	28.7904	2.6103	31.4007	8.6977	2.4173	11.1150	0.0000	32,260.6444	32,260.6444	3.7137	0.0000	32,338.6328

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2028	82.7067	30.8553	87.6003	0.3138	17.9946	1.0117	19.0064	4.8268	0.9466	5.7735	0.0000	23,800.1451	23,800.1451	1.0651	0.0000	23,822.5122
2029	82.1330	30.6604	86.3359	0.3139	17.9948	1.0126	19.0074	4.8269	0.9474	5.7743	0.0000	23,725.7686	23,725.7686	1.0577	0.0000	23,747.9797
2030	81.5897	58.1209	136.1746	0.4258	47.7980	1.8095	49.6075	18.3503	1.7765	20.1268	0.0000	36,315.5627	36,315.5627	1.1315	0.0000	36,339.3240
2031	96.6225	44.8863	118.0303	0.3876	32.0239	1.3877	33.1257	9.0276	1.3547	10.0952	0.0000	31,649.8572	31,649.8572	0.9054	0.0000	31,668.8697
2032	92.5796	25.3555	83.3382	0.3179	17.9953	0.6058	18.6011	4.8271	0.5716	5.3987	0.0000	23,908.2888	23,908.2888	0.5537	0.0000	23,919.9166
2033	92.0682	25.2099	82.5939	0.3179	17.9955	0.6062	18.6017	4.8272	0.5720	5.3991	0.0000	23,873.8644	23,873.8644	0.5492	0.0000	23,885.3982
2034	91.6962	25.0935	81.9337	0.3179	17.9956	0.6063	18.6019	4.8272	0.5721	5.3993	0.0000	23,845.0678	23,845.0678	0.5450	0.0000	23,856.5129
Total	**1,358.5532**	**1,096.8612**	**2,137.2989**	**6.2885**	**475.5382**	**42.6209**	**517.8732**	**158.4951**	**39.7439**	**197.9518**	**0.0000**	**505,573.1952**	**505,573.1952**	**35.6427**	**0.0000**	**506,321.6904**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2017	36.8567	134.8171	206.3326	0.4084	29.0690	3.7756	32.8446	10.4752	3.6883	14.1635	0.0000	37,513.4862	37,513.4862	5.1068	0.0000	37,620.7298
2018	72.7465	127.6317	205.6371	0.4430	31.6317	3.4943	35.1260	11.1549	3.4321	14.5870	0.0000	39,335.4987	39,335.4987	5.1697	0.0000	39,444.0614
2019	65.1311	47.8460	118.5411	0.3143	17.9921	1.0153	19.0074	4.8258	0.9851	5.8109	0.0000	25,833.2262	25,833.2262	1.2474	0.0000	25,859.4211
2020	63.6532	43.1833	112.6116	0.3142	17.9924	0.9553	18.9477	4.8259	0.9290	5.7549	0.0000	25,038.5240	25,038.5240	1.2051	0.0000	25,063.8302
2021	61.4525	38.4684	106.1260	0.3140	17.9928	0.9031	18.8959	4.8261	0.8800	5.7061	0.0000	24,801.6160	24,801.6160	1.1734	0.0000	24,826.2564

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	60.4303	35.9383	102.5630	0.3139	17.9931	0.8873	18.8804	4.8262	0.8647	5.6909	0.0000	24,593.6199	24,593.6199	1.1505	0.0000	24,617.7801
2023	59.4614	33.9686	99.0481	0.3138	17.9933	0.8622	18.8555	4.8263	0.8409	5.6672	0.0000	24,401.6212	24,401.6212	1.1248	0.0000	24,425.2425
2024	58.4796	33.5726	96.2700	0.3138	17.9938	0.8568	18.8506	4.8265	0.8354	5.6619	0.0000	24,244.1268	24,244.1268	1.1063	0.0000	24,267.3591
2025	57.8668	57.4489	94.1478	0.3138	17.9942	1.6281	18.8467	6.2919	1.6633	7.9552	0.0000	24,107.3539	24,107.3539	3.8686	0.0000	24,188.5953
2026	87.1634	90.3843	165.2567	0.4424	31.2883	2.4812	33.7695	11.1186	2.4948	13.6134	0.0000	36,265.1927	36,265.1927	4.9494	0.0000	36,369.1299
2027	85.4930	70.6614	139.9167	0.4014	23.0108	2.0423	25.0531	6.6106	1.9911	8.6017	0.0000	32,250.5805	32,250.5805	3.7108	0.0000	32,328.5063
2028	82.0182	32.4690	89.5240	0.3138	17.9946	0.8558	18.8505	4.8268	0.8339	5.6608	0.0000	23,797.5511	23,797.5511	1.0645	0.0000	23,819.9064
2029	81.4444	32.2741	88.2596	0.3138	17.9948	0.8567	18.8515	4.8269	0.8348	5.6616	0.0000	23,723.1746	23,723.1746	1.0571	0.0000	23,745.3740
2030	80.9428	81.0430	148.4133	0.4256	30.2361	2.1494	32.3855	10.6020	2.2148	12.8169	0.0000	36,299.8237	36,299.8237	1.1308	0.0000	36,323.5706
2031	95.0685	61.4278	123.8322	0.3876	24.3984	1.7094	25.8495	6.7413	1.7101	8.1918	0.0000	31,638.2521	31,638.2521	0.9049	0.0000	31,657.2545
2032	91.9327	31.6033	85.1438	0.3179	17.9953	0.8340	18.8293	4.8271	0.8120	5.6391	0.0000	23,905.3839	23,905.3839	0.5536	0.0000	23,917.0092
2033	91.4213	31.4576	84.3995	0.3179	17.9955	0.8344	18.8299	4.8272	0.8124	5.6395	0.0000	23,870.9595	23,870.9595	0.5491	0.0000	23,882.4909
2034	91.0493	31.3412	83.7393	0.3179	17.9956	0.8346	18.8302	4.8272	0.8125	5.6397	0.0000	23,842.1629	23,842.1629	0.5449	0.0000	23,853.6055
Total	**1,322.6116**	**1,015.5365**	**2,149.7624**	**6.2874**	**385.5617**	**26.9758**	**411.5037**	**116.0864**	**26.6350**	**142.4619**	**0.0000**	**505,462.1540**	**505,462.1540**	**35.6176**	**0.0000**	**506,210.1234**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**2.65**	**7.41**	**-0.58**	**0.02**	**18.92**	**36.71**	**20.54**	**26.76**	**32.98**	**28.03**	**0.00**	**0.02**	**0.02**	**0.07**	**0.00**	**0.02**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	171.2763	2.7078	234.2352	0.0123		2.5251	2.5251		2.5121	2.5121	0.0000	19,966.1191	19,966.1191	0.7849	0.3583	20,093.6873
Energy	2.2447	19.2926	8.9728	0.1224		1.5509	1.5509		1.5509	1.5509		24,487.7458	24,487.7458	0.4694	0.4489	24,636.7741
Mobile	300.1380	257.8222	1,115.1334	2.8908	182.1652	3.9032	186.0684	48.6697	3.5973	52.2670		224,671.5901	224,671.5901	6.8922		224,816.3255
Total	**473.6590**	**279.8226**	**1,358.3414**	**3.0256**	**182.1652**	**7.9792**	**190.1444**	**48.6697**	**7.6603**	**56.3300**	**0.0000**	**269,125.4549**	**269,125.4549**	**8.1464**	**0.8073**	**269,546.7868**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	144.1242	2.6621	229.7288	0.0120		2.4987	2.4987		2.4856	2.4856	0.0000	19,956.0215	19,956.0215	0.7692	0.3583	20,083.2597
Energy	1.7784	15.2810	7.0808	0.0970		1.2287	1.2287		1.2287	1.2287		19,400.7404	19,400.7404	0.3719	0.3557	19,518.8101
Mobile	288.3773	247.9842	1,078.1368	2.7523	173.0516	3.7264	176.7780	46.2348	3.4344	49.6692		213,900.2130	213,900.2130	6.5955		214,038.7193
Total	**434.2799**	**265.9272**	**1,314.9463**	**2.8613**	**173.0516**	**7.4537**	**180.5053**	**46.2348**	**7.1487**	**53.3835**	**0.0000**	**253,256.9749**	**253,256.9749**	**7.7366**	**0.7140**	**253,640.7890**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**8.31**	**4.97**	**3.19**	**5.43**	**5.00**	**6.59**	**5.07**	**5.00**	**6.68**	**5.23**	**0.00**	**5.90**	**5.90**	**5.03**	**11.55**	**5.90**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation Phase I	Site Preparation	1/1/2017	6/1/2018	5	370	
2	Grading Phase I	Grading	2/15/2017	8/15/2018	5	391	
3	Paving Phase I	Paving	4/15/2017	10/15/2018	5	391	
4	Building Construction Phase I	Building Construction	6/1/2017	5/15/2025	5	2076	
5	Architectural Coating Phase I	Architectural Coating	2/1/2018	5/30/2025	5	1912	
6	Site Preparation Phase II	Site Preparation	6/1/2025	5/15/2026	5	250	
7	Grading Phase II	Grading	7/15/2025	4/15/2027	5	458	
8	Paving Phase II	Paving	9/15/2025	3/15/2027	5	391	
9	Building Construction Phase II	Building Construction	3/15/2026	5/15/2030	5	1088	
10	Architectural Coating Phase II	Architectural Coating	3/15/2026	5/30/2030	5	1099	
11	Site Preparation Phase III	Site Preparation	6/1/2030	12/1/2030	5	130	
12	Grading Phase III	Grading	7/15/2030	7/15/2031	5	262	
13	Paving Phase III	Paving	9/15/2030	3/15/2031	5	130	
14	Building Construction Phase III	Building Construction	12/1/2030	12/15/2034	5	1055	
15	Architectural Coating Phase III	Architectural Coating	7/1/2031	12/30/2034	5	914	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 9,954,900; Residential Outdoor: 3,318,300; Non-Residential Indoor: 840,000; Non-Residential Outdoor: 280,000

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation Phase I	Rubber Tired Dozers	3	8.00	255	0.40
Site Preparation Phase I	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading Phase I	Excavators	2	8.00	162	0.38
Grading Phase I	Graders	1	8.00	174	0.41
Grading Phase I	Rubber Tired Dozers	1	8.00	255	0.40
Grading Phase I	Scrapers	2	8.00	361	0.48
Grading Phase I	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving Phase I	Pavers	2	8.00	125	0.42
Paving Phase I	Paving Equipment	2	8.00	130	0.36
Paving Phase I	Rollers	2	8.00	80	0.38
Building Construction Phase I	Cranes	1	7.00	226	0.29
Building Construction Phase I	Forklifts	3	8.00	89	0.20
Building Construction Phase I	Generator Sets	1	8.00	84	0.74
Building Construction Phase I	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction Phase I	Welders	1	8.00	46	0.45
Architectural Coating Phase I	Air Compressors	1	6.00	78	0.48
Site Preparation Phase II	Rubber Tired Dozers	3	8.00	255	0.40
Site Preparation Phase II	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading Phase II	Excavators	2	8.00	162	0.38
Grading Phase II	Graders	1	8.00	174	0.41
Grading Phase II	Rubber Tired Dozers	1	8.00	255	0.40
Grading Phase II	Scrapers	2	8.00	361	0.48
Grading Phase II	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving Phase II	Pavers	2	8.00	125	0.42

Paving Phase II	Paving Equipment	2	8.00	130	0.36
Paving Phase II	Rollers	2	8.00	80	0.38
Building Construction Phase II	Cranes	1	7.00	226	0.29
Building Construction Phase II	Forklifts	3	8.00	89	0.20
Building Construction Phase II	Generator Sets	1	8.00	84	0.74
Building Construction Phase II	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction Phase II	Welders	1	8.00	46	0.45
Architectural Coating Phase II	Air Compressors	1	6.00	78	0.48
Site Preparation Phase III	Rubber Tired Dozers	3	8.00	255	0.40
Site Preparation Phase III	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading Phase III	Excavators	2	8.00	162	0.38
Grading Phase III	Graders	1	8.00	174	0.41
Grading Phase III	Rubber Tired Dozers	1	8.00	255	0.40
Grading Phase III	Scrapers	2	8.00	361	0.48
Grading Phase III	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving Phase III	Pavers	2	8.00	125	0.42
Paving Phase III	Paving Equipment	2	8.00	130	0.36
Paving Phase III	Rollers	2	8.00	80	0.38
Building Construction Phase III	Cranes	1	7.00	226	0.29
Building Construction Phase III	Forklifts	3	8.00	89	0.20
Building Construction Phase III	Generator Sets	1	8.00	84	0.74
Building Construction Phase III	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction Phase III	Welders	1	8.00	46	0.45
Architectural Coating Phase III	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation Phase I	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading Phase I	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving Phase I	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction Phase I	9	1,559.00	394.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating Phase I	1	312.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation Phase II	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading Phase II	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving Phase II	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction Phase II	9	1,559.00	394.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating Phase II	1	312.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation Phase III	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading Phase III	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving Phase III	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction Phase III	9	1,559.00	394.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating Phase III	1	312.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation Phase I - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.8382	51.7535	39.3970	0.0391		2.7542	2.7542		2.5339	2.5339		4,003.0859	4,003.0859	1.2265		4,028.8432
Total	**4.8382**	**51.7535**	**39.3970**	**0.0391**	**18.0663**	**2.7542**	**20.8205**	**9.9307**	**2.5339**	**12.4646**		**4,003.0859**	**4,003.0859**	**1.2265**		**4,028.8432**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2462	0.0571	0.7394	1.8400e-003	0.1479	9.5000e-004	0.1488	0.0392	8.7000e-004	0.0401		145.2794	145.2794	5.9300e-003		145.4040
Total	**0.2462**	**0.0571**	**0.7394**	**1.8400e-003**	**0.1479**	**9.5000e-004**	**0.1488**	**0.0392**	**8.7000e-004**	**0.0401**		**145.2794**	**145.2794**	**5.9300e-003**		**145.4040**

3.2 Site Preparation Phase I - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	0.9506	19.4406	23.3788	0.0391		0.4396	0.4396		0.5043	0.5043	0.0000	3,999.4133	3,999.4133	1.2254		4,025.1470
Total	**0.9506**	**19.4406**	**23.3788**	**0.0391**	**8.1298**	**0.4396**	**8.5694**	**4.4688**	**0.5043**	**4.9731**	**0.0000**	**3,999.4133**	**3,999.4133**	**1.2254**		**4,025.1470**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2462	0.0571	0.7394	1.8400e-003	0.1479	9.5000e-004	0.1488	0.0392	8.7000e-004	0.0401		145.2794	145.2794	5.9300e-003		145.4040
Total	**0.2462**	**0.0571**	**0.7394**	**1.8400e-003**	**0.1479**	**9.5000e-004**	**0.1488**	**0.0392**	**8.7000e-004**	**0.0401**		**145.2794**	**145.2794**	**5.9300e-003**		**145.4040**

3.2 Site Preparation Phase I - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.2921	45.6088	36.2346	0.0391		2.3654	2.3654		2.1762	2.1762		3,939.7731	3,939.7731	1.2265		3,965.5297
Total	**4.2921**	**45.6088**	**36.2346**	**0.0391**	**18.0663**	**2.3654**	**20.4317**	**9.9307**	**2.1762**	**12.1069**		**3,939.7731**	**3,939.7731**	**1.2265**		**3,965.5297**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2264	0.0511	0.6602	1.8400e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		139.7930	139.7930	5.4400e-003		139.9072
Total	**0.2264**	**0.0511**	**0.6602**	**1.8400e-003**	**0.1479**	**9.3000e-004**	**0.1488**	**0.0392**	**8.6000e-004**	**0.0401**		**139.7930**	**139.7930**	**5.4400e-003**		**139.9072**

3.2 Site Preparation Phase I - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	0.9506	19.4406	23.3788	0.0391		0.4396	0.4396		0.5043	0.5043	0.0000	3,936.1586	3,936.1586	1.2254		3,961.8916
Total	**0.9506**	**19.4406**	**23.3788**	**0.0391**	**8.1298**	**0.4396**	**8.5694**	**4.4688**	**0.5043**	**4.9731**	**0.0000**	**3,936.1586**	**3,936.1586**	**1.2254**		**3,961.8916**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2264	0.0511	0.6602	1.8400e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		139.7930	139.7930	5.4400e-003		139.9072
Total	**0.2264**	**0.0511**	**0.6602**	**1.8400e-003**	**0.1479**	**9.3000e-004**	**0.1488**	**0.0392**	**8.6000e-004**	**0.0401**		**139.7930**	**139.7930**	**5.4400e-003**		**139.9072**

3.3 Grading Phase I - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					11.2771	0.0000	11.2771	3.8777	0.0000	3.8777			0.0000			0.0000
Off-Road	6.0991	69.5920	46.8050	0.0617		3.3172	3.3172		3.0518	3.0518		6,313.3690	6,313.3690	1.9344		6,353.9915
Total	**6.0991**	**69.5920**	**46.8050**	**0.0617**	**11.2771**	**3.3172**	**14.5943**	**3.8777**	**3.0518**	**6.9295**		**6,313.3690**	**6,313.3690**	**1.9344**		**6,353.9915**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2735	0.0634	0.8215	2.0400e-003	0.1643	1.0500e-003	0.1654	0.0436	9.7000e-004	0.0446		161.4216	161.4216	6.5900e-003		161.5600
Total	**0.2735**	**0.0634**	**0.8215**	**2.0400e-003**	**0.1643**	**1.0500e-003**	**0.1654**	**0.0436**	**9.7000e-004**	**0.0446**		**161.4216**	**161.4216**	**6.5900e-003**		**161.5600**

3.3 Grading Phase I - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.0747	0.0000	5.0747	1.7449	0.0000	1.7449			0.0000			0.0000
Off-Road	3.3745	48.1916	42.4090	0.0617		1.6806	1.6806		1.5975	1.5975	0.0000	6,307.5768	6,307.5768	1.9326		6,348.1621
Total	**3.3745**	**48.1916**	**42.4090**	**0.0617**	**5.0747**	**1.6806**	**6.7553**	**1.7449**	**1.5975**	**3.3425**	**0.0000**	**6,307.5768**	**6,307.5768**	**1.9326**		**6,348.1621**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2735	0.0634	0.8215	2.0400e-003	0.1643	1.0500e-003	0.1654	0.0436	9.7000e-004	0.0446		161.4216	161.4216	6.5900e-003		161.5600
Total	**0.2735**	**0.0634**	**0.8215**	**2.0400e-003**	**0.1643**	**1.0500e-003**	**0.1654**	**0.0436**	**9.7000e-004**	**0.0446**		**161.4216**	**161.4216**	**6.5900e-003**		**161.5600**

3.3 Grading Phase I - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					11.2771	0.0000	11.2771	3.8777	0.0000	3.8777			0.0000			0.0000
Off-Road	5.2895	59.5338	42.3068	0.0617		2.7880	2.7880		2.5650	2.5650		6,212.8042	6,212.8042	1.9341		6,253.4209
Total	**5.2895**	**59.5338**	**42.3068**	**0.0617**	**11.2771**	**2.7880**	**14.0651**	**3.8777**	**2.5650**	**6.4426**		**6,212.8042**	**6,212.8042**	**1.9341**		**6,253.4209**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2515	0.0568	0.7336	2.0400e-003	0.1643	1.0300e-003	0.1653	0.0436	9.6000e-004	0.0445		155.3255	155.3255	6.0400e-003		155.4525
Total	**0.2515**	**0.0568**	**0.7336**	**2.0400e-003**	**0.1643**	**1.0300e-003**	**0.1653**	**0.0436**	**9.6000e-004**	**0.0445**		**155.3255**	**155.3255**	**6.0400e-003**		**155.4525**

3.3 Grading Phase I - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.0747	0.0000	5.0747	1.7449	0.0000	1.7449			0.0000			0.0000
Off-Road	3.0329	43.4784	39.3014	0.0617		1.4714	1.4714		1.4051	1.4051	0.0000	6,207.1042	6,207.1042	1.9324		6,247.6837
Total	**3.0329**	**43.4784**	**39.3014**	**0.0617**	**5.0747**	**1.4714**	**6.5462**	**1.7449**	**1.4051**	**3.1500**	**0.0000**	**6,207.1042**	**6,207.1042**	**1.9324**		**6,247.6837**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2515	0.0568	0.7336	2.0400e-003	0.1643	1.0300e-003	0.1653	0.0436	9.6000e-004	0.0445		155.3255	155.3255	6.0400e-003		155.4525
Total	**0.2515**	**0.0568**	**0.7336**	**2.0400e-003**	**0.1643**	**1.0300e-003**	**0.1653**	**0.0436**	**9.6000e-004**	**0.0445**		**155.3255**	**155.3255**	**6.0400e-003**		**155.4525**

3.4 Paving Phase I - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473		2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.9074**	**20.2964**	**14.7270**	**0.0223**		**1.1384**	**1.1384**		**1.0473**	**1.0473**		**2,281.0588**	**2,281.0588**	**0.6989**		**2,295.7360**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2051	0.0476	0.6162	1.5300e-003	0.1232	7.9000e-004	0.1240	0.0327	7.3000e-004	0.0334		121.0662	121.0662	4.9400e-003		121.1700
Total	**0.2051**	**0.0476**	**0.6162**	**1.5300e-003**	**0.1232**	**7.9000e-004**	**0.1240**	**0.0327**	**7.3000e-004**	**0.0334**		**121.0662**	**121.0662**	**4.9400e-003**		**121.1700**

3.4 Paving Phase I - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0460	14.8160	15.7332	0.0223		0.5744	0.5744		0.5427	0.5427	0.0000	2,278.9661	2,278.9661	0.6983		2,293.6297
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0460**	**14.8160**	**15.7332**	**0.0223**		**0.5744**	**0.5744**		**0.5427**	**0.5427**	**0.0000**	**2,278.9661**	**2,278.9661**	**0.6983**		**2,293.6297**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2051	0.0476	0.6162	1.5300e-003	0.1232	7.9000e-004	0.1240	0.0327	7.3000e-004	0.0334		121.0662	121.0662	4.9400e-003		121.1700
Total	**0.2051**	**0.0476**	**0.6162**	**1.5300e-003**	**0.1232**	**7.9000e-004**	**0.1240**	**0.0327**	**7.3000e-004**	**0.0334**		**121.0662**	**121.0662**	**4.9400e-003**		**121.1700**

3.4 Paving Phase I - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635		2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6114**	**17.1628**	**14.4944**	**0.0223**		**0.9386**	**0.9386**		**0.8635**	**0.8635**		**2,245.2695**	**2,245.2695**	**0.6990**		**2,259.9481**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1886	0.0426	0.5502	1.5300e-003	0.1232	7.8000e-004	0.1240	0.0327	7.2000e-004	0.0334		116.4941	116.4941	4.5300e-003		116.5893
Total	**0.1886**	**0.0426**	**0.5502**	**1.5300e-003**	**0.1232**	**7.8000e-004**	**0.1240**	**0.0327**	**7.2000e-004**	**0.0334**		**116.4941**	**116.4941**	**4.5300e-003**		**116.5893**

3.4 Paving Phase I - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9532	13.6949	15.6894	0.0223		0.5168	0.5168		0.4897	0.4897	0.0000	2,243.2096	2,243.2096	0.6983		2,257.8747
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9532**	**13.6949**	**15.6894**	**0.0223**		**0.5168**	**0.5168**		**0.4897**	**0.4897**	**0.0000**	**2,243.2096**	**2,243.2096**	**0.6983**		**2,257.8747**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1886	0.0426	0.5502	1.5300e-003	0.1232	7.8000e-004	0.1240	0.0327	7.2000e-004	0.0334		116.4941	116.4941	4.5300e-003		116.5893
Total	**0.1886**	**0.0426**	**0.5502**	**1.5300e-003**	**0.1232**	**7.8000e-004**	**0.1240**	**0.0327**	**7.2000e-004**	**0.0334**		**116.4941**	**116.4941**	**4.5300e-003**		**116.5893**

3.5 Building Construction Phase I - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730		2,639.8053	2,639.8053	0.6497		2,653.4490
Total	**3.1024**	**26.4057**	**18.1291**	**0.0268**		**1.7812**	**1.7812**		**1.6730**	**1.6730**		**2,639.8053**	**2,639.8053**	**0.6497**		**2,653.4490**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3748	33.0472	40.3810	0.0939	2.6223	0.5282	3.1505	0.7490	0.4857	1.2347		9,279.5661	9,279.5661	0.0701		9,281.0374
Worker	21.3208	4.9422	64.0389	0.1593	12.8068	0.0821	12.8889	3.3970	0.0755	3.4725		12,582.8133	12,582.8133	0.5139		12,593.6049
Total	**29.6956**	**37.9895**	**104.4199**	**0.2532**	**15.4291**	**0.6103**	**16.0394**	**4.1460**	**0.5612**	**4.7072**		**21,862.3794**	**21,862.3794**	**0.5840**		**21,874.6423**

3.5 Building Construction Phase I - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0653	14.2115	18.2147	0.0268		0.4678	0.4678		0.4800	0.4800	0.0000	2,637.3834	2,637.3834	0.6491		2,651.0146
Total	**1.0653**	**14.2115**	**18.2147**	**0.0268**		**0.4678**	**0.4678**		**0.4800**	**0.4800**	**0.0000**	**2,637.3834**	**2,637.3834**	**0.6491**		**2,651.0146**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3748	33.0472	40.3810	0.0939	2.6223	0.5282	3.1505	0.7490	0.4857	1.2347		9,279.5661	9,279.5661	0.0701		9,281.0374
Worker	21.3208	4.9422	64.0389	0.1593	12.8068	0.0821	12.8889	3.3970	0.0755	3.4725		12,582.8133	12,582.8133	0.5139		12,593.6049
Total	**29.6956**	**37.9895**	**104.4199**	**0.2532**	**15.4291**	**0.6103**	**16.0394**	**4.1460**	**0.5612**	**4.7072**		**21,862.3794**	**21,862.3794**	**0.5840**		**21,874.6423**

3.5 Building Construction Phase I - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6687	23.2608	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048		2,609.9390	2,609.9390	0.6387		2,623.3517
Total	**2.6687**	**23.2608**	**17.5327**	**0.0268**		**1.4943**	**1.4943**		**1.4048**	**1.4048**		**2,609.9390**	**2,609.9390**	**0.6387**		**2,623.3517**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.6572	30.0439	36.7068	0.0937	2.6220	0.4738	3.0958	0.7489	0.4358	1.1846		9,117.9764	9,117.9764	0.0673		9,119.3894
Worker	19.6055	4.4286	57.1814	0.1592	12.8068	0.0806	12.8874	3.3970	0.0745	3.4714		12,107.6244	12,107.6244	0.4712		12,117.5185
Total	**27.2627**	**34.4724**	**93.8882**	**0.2530**	**15.4288**	**0.5544**	**15.9831**	**4.1458**	**0.5102**	**4.6561**		**21,225.6007**	**21,225.6007**	**0.5384**		**21,236.9079**

3.5 Building Construction Phase I - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0062	14.1528	18.1611	0.0268		0.4536	0.4536		0.4657	0.4657	0.0000	2,607.5445	2,607.5445	0.6381		2,620.9449
Total	**1.0062**	**14.1528**	**18.1611**	**0.0268**		**0.4536**	**0.4536**		**0.4657**	**0.4657**	**0.0000**	**2,607.5445**	**2,607.5445**	**0.6381**		**2,620.9449**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.6572	30.0439	36.7068	0.0937	2.6220	0.4738	3.0958	0.7489	0.4358	1.1846		9,117.9764	9,117.9764	0.0673		9,119.3894
Worker	19.6055	4.4286	57.1814	0.1592	12.8068	0.0806	12.8874	3.3970	0.0745	3.4714		12,107.6244	12,107.6244	0.4712		12,117.5185
Total	**27.2627**	**34.4724**	**93.8882**	**0.2530**	**15.4288**	**0.5544**	**15.9831**	**4.1458**	**0.5102**	**4.6561**		**21,225.6007**	**21,225.6007**	**0.5384**		**21,236.9079**

3.5 Building Construction Phase I - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083		2,580.7618	2,580.7618	0.6279		2,593.9479
Total	**2.3516**	**20.9650**	**17.1204**	**0.0268**		**1.2850**	**1.2850**		**1.2083**	**1.2083**		**2,580.7618**	**2,580.7618**	**0.6279**		**2,593.9479**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.0630	27.5232	35.2069	0.0936	2.6223	0.4394	3.0617	0.7490	0.4042	1.1532		8,964.5373	8,964.5373	0.0654		8,965.9111
Worker	18.4711	4.0595	52.8229	0.1591	12.8068	0.0805	12.8873	3.3970	0.0746	3.4715		11,673.0063	11,673.0063	0.4424		11,682.2955
Total	**25.5341**	**31.5827**	**88.0297**	**0.2527**	**15.4291**	**0.5199**	**15.9490**	**4.1459**	**0.4787**	**4.6247**		**20,637.5435**	**20,637.5435**	**0.5078**		**20,648.2067**

3.5 Building Construction Phase I - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9496	14.0951	18.1093	0.0268		0.4398	0.4398		0.4519	0.4519	0.0000	2,578.3941	2,578.3941	0.6273		2,591.5681
Total	**0.9496**	**14.0951**	**18.1093**	**0.0268**		**0.4398**	**0.4398**		**0.4519**	**0.4519**	**0.0000**	**2,578.3941**	**2,578.3941**	**0.6273**		**2,591.5681**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.0630	27.5232	35.2069	0.0936	2.6223	0.4394	3.0617	0.7490	0.4042	1.1532		8,964.5373	8,964.5373	0.0654		8,965.9111
Worker	18.4711	4.0595	52.8229	0.1591	12.8068	0.0805	12.8873	3.3970	0.0746	3.4715		11,673.0063	11,673.0063	0.4424		11,682.2955
Total	**25.5341**	**31.5827**	**88.0297**	**0.2527**	**15.4291**	**0.5199**	**15.9490**	**4.1459**	**0.4787**	**4.6247**		**20,637.5435**	**20,637.5435**	**0.5078**		**20,648.2067**

3.5 Building Construction Phase I - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880
Total	**2.1113**	**19.0839**	**16.8084**	**0.0268**		**1.1128**	**1.1128**		**1.0465**	**1.0465**		**2,542.4799**	**2,542.4799**	**0.6194**		**2,555.4880**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.7783	23.2794	33.9660	0.0935	2.6226	0.3919	3.0145	0.7491	0.3605	1.1096		8,761.6277	8,761.6277	0.0631		8,762.9518
Worker	17.5127	3.7546	48.9495	0.1591	12.8068	0.0807	12.8875	3.3970	0.0748	3.4718		11,211.7674	11,211.7674	0.4178		11,220.5403
Total	**24.2910**	**27.0340**	**82.9155**	**0.2526**	**15.4294**	**0.4726**	**15.9020**	**4.1461**	**0.4353**	**4.5814**		**19,973.3950**	**19,973.3950**	**0.4808**		**19,983.4922**

3.5 Building Construction Phase I - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9066	14.0422	18.0692	0.0268		0.4270	0.4270		0.4391	0.4391	0.0000	2,540.1473	2,540.1473	0.6189		2,553.1435
Total	**0.9066**	**14.0422**	**18.0692**	**0.0268**		**0.4270**	**0.4270**		**0.4391**	**0.4391**	**0.0000**	**2,540.1473**	**2,540.1473**	**0.6189**		**2,553.1435**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.7783	23.2794	33.9660	0.0935	2.6226	0.3919	3.0145	0.7491	0.3605	1.1096		8,761.6277	8,761.6277	0.0631		8,762.9518
Worker	17.5127	3.7546	48.9495	0.1591	12.8068	0.0807	12.8875	3.3970	0.0748	3.4718		11,211.7674	11,211.7674	0.4178		11,220.5403
Total	**24.2910**	**27.0340**	**82.9155**	**0.2526**	**15.4294**	**0.4726**	**15.9020**	**4.1461**	**0.4353**	**4.5814**		**19,973.3950**	**19,973.3950**	**0.4808**		**19,983.4922**

3.5 Building Construction Phase I - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.7817	2,542.7817	0.6126		2,555.6462
Total	**1.8931**	**17.3403**	**16.5376**	**0.0268**		**0.9549**	**0.9549**		**0.8979**	**0.8979**		**2,542.7817**	**2,542.7817**	**0.6126**		**2,555.6462**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.5310	18.9030	30.8728	0.0933	2.6229	0.3516	2.9745	0.7493	0.3235	1.0727		8,746.6603	8,746.6603	0.0626		8,747.9749
Worker	16.7511	3.5244	46.1629	0.1591	12.8068	0.0814	12.8883	3.3970	0.0755	3.4725		11,026.5854	11,026.5854	0.3995		11,034.9744
Total	**22.2821**	**22.4274**	**77.0357**	**0.2524**	**15.4298**	**0.4330**	**15.8628**	**4.1462**	**0.3990**	**4.5452**		**19,773.2457**	**19,773.2457**	**0.4621**		**19,782.9493**

3.5 Building Construction Phase I - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8672	13.9799	18.0210	0.0268		0.4142	0.4142		0.4263	0.4263	0.0000	2,540.4489	2,540.4489	0.6120		2,553.3015
Total	**0.8672**	**13.9799**	**18.0210**	**0.0268**		**0.4142**	**0.4142**		**0.4263**	**0.4263**	**0.0000**	**2,540.4489**	**2,540.4489**	**0.6120**		**2,553.3015**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.5310	18.9030	30.8728	0.0933	2.6229	0.3516	2.9745	0.7493	0.3235	1.0727		8,746.6603	8,746.6603	0.0626		8,747.9749
Worker	16.7511	3.5244	46.1629	0.1591	12.8068	0.0814	12.8883	3.3970	0.0755	3.4725		11,026.5854	11,026.5854	0.3995		11,034.9744
Total	**22.2821**	**22.4274**	**77.0357**	**0.2524**	**15.4298**	**0.4330**	**15.8628**	**4.1462**	**0.3990**	**4.5452**		**19,773.2457**	**19,773.2457**	**0.4621**		**19,782.9493**

3.5 Building Construction Phase I - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581		2,543.7497	2,543.7497	0.6085		2,556.5286
Total	**1.6992**	**15.5364**	**16.3276**	**0.0268**		**0.8057**	**0.8057**		**0.7581**	**0.7581**		**2,543.7497**	**2,543.7497**	**0.6085**		**2,556.5286**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.3586	16.6549	30.2316	0.0932	2.6233	0.3449	2.9682	0.7494	0.3173	1.0667		8,738.6759	8,738.6759	0.0637		8,740.0126
Worker	16.0645	3.3277	43.7475	0.1591	12.8068	0.0824	12.8892	3.3970	0.0764	3.4733		10,859.1210	10,859.1210	0.3838		10,867.1800
Total	**21.4231**	**19.9827**	**73.9791**	**0.2523**	**15.4301**	**0.4273**	**15.8573**	**4.1464**	**0.3937**	**4.5401**		**19,597.7969**	**19,597.7969**	**0.4474**		**19,607.1925**

3.5 Building Construction Phase I - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8413	13.9339	17.9980	0.0268		0.4040	0.4040		0.4161	0.4161	0.0000	2,541.4159	2,541.4159	0.6080		2,554.1832
Total	**0.8413**	**13.9339**	**17.9980**	**0.0268**		**0.4040**	**0.4040**		**0.4161**	**0.4161**	**0.0000**	**2,541.4159**	**2,541.4159**	**0.6080**		**2,554.1832**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.3586	16.6549	30.2316	0.0932	2.6233	0.3449	2.9682	0.7494	0.3173	1.0667		8,738.6759	8,738.6759	0.0637		8,740.0126
Worker	16.0645	3.3277	43.7475	0.1591	12.8068	0.0824	12.8892	3.3970	0.0764	3.4733		10,859.1210	10,859.1210	0.3838		10,867.1800
Total	**21.4231**	**19.9827**	**73.9791**	**0.2523**	**15.4301**	**0.4273**	**15.8573**	**4.1464**	**0.3937**	**4.5401**		**19,597.7969**	**19,597.7969**	**0.4474**		**19,607.1925**

3.5 Building Construction Phase I - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557		2,544.6262	2,544.6262	0.6044		2,557.3191
Total	**1.5661**	**14.3126**	**16.2093**	**0.0268**		**0.6967**	**0.6967**		**0.6557**	**0.6557**		**2,544.6262**	**2,544.6262**	**0.6044**		**2,557.3191**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.1853	14.9361	29.3884	0.0931	2.6235	0.3275	2.9510	0.7495	0.3013	1.0508		8,726.7300	8,726.7300	0.0603		8,727.9953
Worker	15.4202	3.1540	41.5362	0.1591	12.8068	0.0832	12.8900	3.3970	0.0772	3.4742		10,708.3633	10,708.3633	0.3699		10,716.1304
Total	**20.6055**	**18.0901**	**70.9247**	**0.2521**	**15.4303**	**0.4107**	**15.8410**	**4.1465**	**0.3785**	**4.5249**		**19,435.0933**	**19,435.0933**	**0.4301**		**19,444.1257**

3.5 Building Construction Phase I - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8191	13.8916	17.9802	0.0268		0.3953	0.3953		0.4074	0.4074	0.0000	2,542.2917	2,542.2917	0.6039		2,554.9729
Total	**0.8191**	**13.8916**	**17.9802**	**0.0268**		**0.3953**	**0.3953**		**0.4074**	**0.4074**	**0.0000**	**2,542.2917**	**2,542.2917**	**0.6039**		**2,554.9729**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.1853	14.9361	29.3884	0.0931	2.6235	0.3275	2.9510	0.7495	0.3013	1.0508		8,726.7300	8,726.7300	0.0603		8,727.9953
Worker	15.4202	3.1540	41.5362	0.1591	12.8068	0.0832	12.8900	3.3970	0.0772	3.4742		10,708.3633	10,708.3633	0.3699		10,716.1304
Total	**20.6055**	**18.0901**	**70.9247**	**0.2521**	**15.4303**	**0.4107**	**15.8410**	**4.1465**	**0.3785**	**4.5249**		**19,435.0933**	**19,435.0933**	**0.4301**		**19,444.1257**

3.5 Building Construction Phase I - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744		2,545.1154	2,545.1154	0.6009		2,557.7349
Total	**1.4653**	**13.3774**	**16.1332**	**0.0268**		**0.6106**	**0.6106**		**0.5744**	**0.5744**		**2,545.1154**	**2,545.1154**	**0.6009**		**2,557.7349**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.9294	14.7576	28.8020	0.0931	2.6240	0.3287	2.9527	0.7497	0.3025	1.0521		8,728.7613	8,728.7613	0.0605		8,730.0309
Worker	14.8309	3.0059	39.7219	0.1591	12.8068	0.0841	12.8909	3.3970	0.0780	3.4750		10,575.0322	10,575.0322	0.3580		10,582.5500
Total	**19.7603**	**17.7635**	**68.5239**	**0.2521**	**15.4308**	**0.4128**	**15.8436**	**4.1467**	**0.3805**	**4.5271**		**19,303.7934**	**19,303.7934**	**0.4185**		**19,312.5808**

3.5 Building Construction Phase I - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8005	13.8518	17.9659	0.0268		0.3876	0.3876		0.3997	0.3997	0.0000	2,542.7804	2,542.7804	0.6004		2,555.3883
Total	**0.8005**	**13.8518**	**17.9659**	**0.0268**		**0.3876**	**0.3876**		**0.3997**	**0.3997**	**0.0000**	**2,542.7804**	**2,542.7804**	**0.6004**		**2,555.3883**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.9294	14.7576	28.8020	0.0931	2.6240	0.3287	2.9527	0.7497	0.3025	1.0521		8,728.7613	8,728.7613	0.0605		8,730.0309
Worker	14.8309	3.0059	39.7219	0.1591	12.8068	0.0841	12.8909	3.3970	0.0780	3.4750		10,575.0322	10,575.0322	0.3580		10,582.5500
Total	**19.7603**	**17.7635**	**68.5239**	**0.2521**	**15.4308**	**0.4128**	**15.8436**	**4.1467**	**0.3805**	**4.5271**		**19,303.7934**	**19,303.7934**	**0.4185**		**19,312.5808**

3.5 Building Construction Phase I - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	**1.3615**	**12.4097**	**16.0518**	**0.0269**		**0.5250**	**0.5250**		**0.4939**	**0.4939**		**2,545.8905**	**2,545.8905**	**0.5975**		**2,558.4386**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.9411	14.6107	28.4309	0.0931	2.6244	0.3297	2.9541	0.7499	0.3033	1.0532		8,730.9675	8,730.9675	0.0606		8,732.2406
Worker	14.3238	2.8838	38.2728	0.1591	12.8068	0.0852	12.8920	3.3970	0.0790	3.4760		10,458.5834	10,458.5834	0.3482		10,465.8964
Total	**19.2649**	**17.4945**	**66.7037**	**0.2522**	**15.4312**	**0.4149**	**15.8461**	**4.1468**	**0.3823**	**4.5292**		**19,189.5509**	**19,189.5509**	**0.4089**		**19,198.1371**

3.5 Building Construction Phase I - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7844	13.8132	17.9539	0.0268		0.3810	0.3810		0.3932	0.3932	0.0000	2,543.5548	2,543.5548	0.5970		2,556.0913
Total	**0.7844**	**13.8132**	**17.9539**	**0.0268**		**0.3810**	**0.3810**		**0.3932**	**0.3932**	**0.0000**	**2,543.5548**	**2,543.5548**	**0.5970**		**2,556.0913**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.9411	14.6107	28.4309	0.0931	2.6244	0.3297	2.9541	0.7499	0.3033	1.0532		8,730.9675	8,730.9675	0.0606		8,732.2406
Worker	14.3238	2.8838	38.2728	0.1591	12.8068	0.0852	12.8920	3.3970	0.0790	3.4760		10,458.5834	10,458.5834	0.3482		10,465.8964
Total	**19.2649**	**17.4945**	**66.7037**	**0.2522**	**15.4312**	**0.4149**	**15.8461**	**4.1468**	**0.3823**	**4.5292**		**19,189.5509**	**19,189.5509**	**0.4089**		**19,198.1371**

3.6 Architectural Coating Phase I - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.8915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102
Total	**35.1901**	**2.0058**	**1.8542**	**2.9700e-003**		**0.1506**	**0.1506**		**0.1506**	**0.1506**		**281.4485**	**281.4485**	**0.0267**		**282.0102**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.9236	0.8863	11.4436	0.0319	2.5630	0.0161	2.5791	0.6798	0.0149	0.6947		2,423.0781	2,423.0781	0.0943		2,425.0582
Total	**3.9236**	**0.8863**	**11.4436**	**0.0319**	**2.5630**	**0.0161**	**2.5791**	**0.6798**	**0.0149**	**0.6947**		**2,423.0781**	**2,423.0781**	**0.0943**		**2,425.0582**

3.6 Architectural Coating Phase I - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.8915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3557	1.8307	2.9700e-003		0.0396	0.0396		0.0396	0.0396	0.0000	281.1903	281.1903	0.0267		281.7514
Total	**34.9509**	**1.3557**	**1.8307**	**2.9700e-003**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**281.1903**	**281.1903**	**0.0267**		**281.7514**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.9236	0.8863	11.4436	0.0319	2.5630	0.0161	2.5791	0.6798	0.0149	0.6947		2,423.0781	2,423.0781	0.0943		2,425.0582
Total	**3.9236**	**0.8863**	**11.4436**	**0.0319**	**2.5630**	**0.0161**	**2.5791**	**0.6798**	**0.0149**	**0.6947**		**2,423.0781**	**2,423.0781**	**0.0943**		**2,425.0582**

3.6 Architectural Coating Phase I - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.8915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		281.9473
Total	**35.1579**	**1.8354**	**1.8413**	**2.9700e-003**		**0.1288**	**0.1288**		**0.1288**	**0.1288**		**281.4481**	**281.4481**	**0.0238**		**281.9473**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.6966	0.8124	10.5714	0.0318	2.5630	0.0161	2.5791	0.6798	0.0149	0.6948		2,336.0988	2,336.0988	0.0885		2,337.9578
Total	**3.6966**	**0.8124**	**10.5714**	**0.0318**	**2.5630**	**0.0161**	**2.5791**	**0.6798**	**0.0149**	**0.6948**		**2,336.0988**	**2,336.0988**	**0.0885**		**2,337.9578**

3.6 Architectural Coating Phase I - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.8915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3557	1.8307	2.9700e-003		0.0396	0.0396		0.0396	0.0396	0.0000	281.1898	281.1898	0.0238		281.6886
Total	**34.9509**	**1.3557**	**1.8307**	**2.9700e-003**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**281.1898**	**281.1898**	**0.0238**		**281.6886**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.6966	0.8124	10.5714	0.0318	2.5630	0.0161	2.5791	0.6798	0.0149	0.6948		2,336.0988	2,336.0988	0.0885		2,337.9578
Total	**3.6966**	**0.8124**	**10.5714**	**0.0318**	**2.5630**	**0.0161**	**2.5791**	**0.6798**	**0.0149**	**0.6948**		**2,336.0988**	**2,336.0988**	**0.0885**		**2,337.9578**

3.6 Architectural Coating Phase I - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.8915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9057
Total	**35.1337**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**		**281.4481**	**281.4481**	**0.0218**		**281.9057**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.5048	0.7514	9.7962	0.0318	2.5630	0.0162	2.5792	0.6798	0.0150	0.6948		2,243.7918	2,243.7918	0.0836		2,245.5475
Total	**3.5048**	**0.7514**	**9.7962**	**0.0318**	**2.5630**	**0.0162**	**2.5792**	**0.6798**	**0.0150**	**0.6948**		**2,243.7918**	**2,243.7918**	**0.0836**		**2,245.5475**

3.6 Architectural Coating Phase I - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.8915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3557	1.8307	2.9700e-003		0.0396	0.0396		0.0396	0.0396	0.0000	281.1898	281.1898	0.0218		281.6470
Total	**34.9509**	**1.3557**	**1.8307**	**2.9700e-003**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**281.1898**	**281.1898**	**0.0218**		**281.6470**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.5048	0.7514	9.7962	0.0318	2.5630	0.0162	2.5792	0.6798	0.0150	0.6948		2,243.7918	2,243.7918	0.0836		2,245.5475
Total	**3.5048**	**0.7514**	**9.7962**	**0.0318**	**2.5630**	**0.0162**	**2.5792**	**0.6798**	**0.0150**	**0.6948**		**2,243.7918**	**2,243.7918**	**0.0836**		**2,245.5475**

3.6 Architectural Coating Phase I - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.8915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.8537
Total	**35.1104**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**		**281.4481**	**281.4481**	**0.0193**		**281.8537**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.3524	0.7053	9.2385	0.0318	2.5630	0.0163	2.5793	0.6798	0.0151	0.6949		2,206.7317	2,206.7317	0.0800		2,208.4105
Total	**3.3524**	**0.7053**	**9.2385**	**0.0318**	**2.5630**	**0.0163**	**2.5793**	**0.6798**	**0.0151**	**0.6949**		**2,206.7317**	**2,206.7317**	**0.0800**		**2,208.4105**

3.6 Architectural Coating Phase I - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.8915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3557	1.8307	2.9700e-003		0.0396	0.0396		0.0396	0.0396	0.0000	281.1898	281.1898	0.0193		281.5951
Total	**34.9509**	**1.3557**	**1.8307**	**2.9700e-003**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**281.1898**	**281.1898**	**0.0193**		**281.5951**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.3524	0.7053	9.2385	0.0318	2.5630	0.0163	2.5793	0.6798	0.0151	0.6949		2,206.7317	2,206.7317	0.0800		2,208.4105
Total	**3.3524**	**0.7053**	**9.2385**	**0.0318**	**2.5630**	**0.0163**	**2.5793**	**0.6798**	**0.0151**	**0.6949**		**2,206.7317**	**2,206.7317**	**0.0800**		**2,208.4105**

3.6 Architectural Coating Phase I - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.8915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.8329
Total	**35.0960**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**		**281.4481**	**281.4481**	**0.0183**		**281.8329**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.2150	0.6660	8.7551	0.0318	2.5630	0.0165	2.5795	0.6798	0.0153	0.6951		2,173.2173	2,173.2173	0.0768		2,174.8301
Total	**3.2150**	**0.6660**	**8.7551**	**0.0318**	**2.5630**	**0.0165**	**2.5795**	**0.6798**	**0.0153**	**0.6951**		**2,173.2173**	**2,173.2173**	**0.0768**		**2,174.8301**

3.6 Architectural Coating Phase I - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.8915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3557	1.8307	2.9700e-003		0.0396	0.0396		0.0396	0.0396	0.0000	281.1898	281.1898	0.0183		281.5743
Total	**34.9509**	**1.3557**	**1.8307**	**2.9700e-003**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**281.1898**	**281.1898**	**0.0183**		**281.5743**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.2150	0.6660	8.7551	0.0318	2.5630	0.0165	2.5795	0.6798	0.0153	0.6951		2,173.2173	2,173.2173	0.0768		2,174.8301
Total	**3.2150**	**0.6660**	**8.7551**	**0.0318**	**2.5630**	**0.0165**	**2.5795**	**0.6798**	**0.0153**	**0.6951**		**2,173.2173**	**2,173.2173**	**0.0768**		**2,174.8301**

3.6 Architectural Coating Phase I - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.8915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8017
Total	**35.0831**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**		**281.4481**	**281.4481**	**0.0168**		**281.8017**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.0860	0.6312	8.3126	0.0318	2.5630	0.0167	2.5797	0.6798	0.0155	0.6953		2,143.0464	2,143.0464	0.0740		2,144.6008
Total	**3.0860**	**0.6312**	**8.3126**	**0.0318**	**2.5630**	**0.0167**	**2.5797**	**0.6798**	**0.0155**	**0.6953**		**2,143.0464**	**2,143.0464**	**0.0740**		**2,144.6008**

3.6 Architectural Coating Phase I - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.8915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3557	1.8307	2.9700e-003		0.0396	0.0396		0.0396	0.0396	0.0000	281.1898	281.1898	0.0168		281.5431
Total	**34.9509**	**1.3557**	**1.8307**	**2.9700e-003**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**281.1898**	**281.1898**	**0.0168**		**281.5431**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.0860	0.6312	8.3126	0.0318	2.5630	0.0167	2.5797	0.6798	0.0155	0.6953		2,143.0464	2,143.0464	0.0740		2,144.6008
Total	**3.0860**	**0.6312**	**8.3126**	**0.0318**	**2.5630**	**0.0167**	**2.5797**	**0.6798**	**0.0155**	**0.6953**		**2,143.0464**	**2,143.0464**	**0.0740**		**2,144.6008**

3.6 Architectural Coating Phase I - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.8915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.7809
Total	**35.0722**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**		**281.4481**	**281.4481**	**0.0159**		**281.7809**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.9681	0.6016	7.9495	0.0318	2.5630	0.0168	2.5798	0.6798	0.0156	0.6954		2,116.3631	2,116.3631	0.0716		2,117.8676
Total	**2.9681**	**0.6016**	**7.9495**	**0.0318**	**2.5630**	**0.0168**	**2.5798**	**0.6798**	**0.0156**	**0.6954**		**2,116.3631**	**2,116.3631**	**0.0716**		**2,117.8676**

3.6 Architectural Coating Phase I - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.8915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3557	1.8307	2.9700e-003		0.0396	0.0396		0.0396	0.0396	0.0000	281.1898	281.1898	0.0158		281.5223
Total	**34.9509**	**1.3557**	**1.8307**	**2.9700e-003**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**281.1898**	**281.1898**	**0.0158**		**281.5223**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.9681	0.6016	7.9495	0.0318	2.5630	0.0168	2.5798	0.6798	0.0156	0.6954		2,116.3631	2,116.3631	0.0716		2,117.8676
Total	**2.9681**	**0.6016**	**7.9495**	**0.0318**	**2.5630**	**0.0168**	**2.5798**	**0.6798**	**0.0156**	**0.6954**		**2,116.3631**	**2,116.3631**	**0.0716**		**2,117.8676**

3.6 Architectural Coating Phase I - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.8915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.7705
Total	**35.0623**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.7705**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.8666	0.5771	7.6595	0.0318	2.5630	0.0170	2.5801	0.6798	0.0158	0.6956		2,093.0584	2,093.0584	0.0697		2,094.5219
Total	**2.8666**	**0.5771**	**7.6595**	**0.0318**	**2.5630**	**0.0170**	**2.5801**	**0.6798**	**0.0158**	**0.6956**		**2,093.0584**	**2,093.0584**	**0.0697**		**2,094.5219**

3.6 Architectural Coating Phase I - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.8915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3557	1.8307	2.9700e-003		0.0396	0.0396		0.0396	0.0396	0.0000	281.1898	281.1898	0.0153		281.5119
Total	**34.9509**	**1.3557**	**1.8307**	**2.9700e-003**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**281.1898**	**281.1898**	**0.0153**		**281.5119**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.8666	0.5771	7.6595	0.0318	2.5630	0.0170	2.5801	0.6798	0.0158	0.6956		2,093.0584	2,093.0584	0.0697		2,094.5219
Total	**2.8666**	**0.5771**	**7.6595**	**0.0318**	**2.5630**	**0.0170**	**2.5801**	**0.6798**	**0.0158**	**0.6956**		**2,093.0584**	**2,093.0584**	**0.0697**		**2,094.5219**

3.7 Site Preparation Phase II - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.5083	23.5257	24.8879	0.0392		1.0293	1.0293		0.9470	0.9470		3,793.8403	3,793.8403	1.2270		3,819.6074
Total	**2.5083**	**23.5257**	**24.8879**	**0.0392**	**18.0663**	**1.0293**	**19.0956**	**9.9307**	**0.9470**	**10.8776**		**3,793.8403**	**3,793.8403**	**1.2270**		**3,819.6074**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1654	0.0333	0.4419	1.8400e-003	0.1479	9.8000e-004	0.1489	0.0392	9.1000e-004	0.0401		120.7534	120.7534	4.0200e-003		120.8378
Total	**0.1654**	**0.0333**	**0.4419**	**1.8400e-003**	**0.1479**	**9.8000e-004**	**0.1489**	**0.0392**	**9.1000e-004**	**0.0401**		**120.7534**	**120.7534**	**4.0200e-003**		**120.8378**

3.7 Site Preparation Phase II - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	0.9506	19.4406	23.3788	0.0391		0.4396	0.4396		0.5043	0.5043	0.0000	3,790.3596	3,790.3596	1.2259		3,816.1031
Total	**0.9506**	**19.4406**	**23.3788**	**0.0391**	**8.1298**	**0.4396**	**8.5694**	**4.4688**	**0.5043**	**4.9731**	**0.0000**	**3,790.3596**	**3,790.3596**	**1.2259**		**3,816.1031**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1654	0.0333	0.4419	1.8400e-003	0.1479	9.8000e-004	0.1489	0.0392	9.1000e-004	0.0401		120.7534	120.7534	4.0200e-003		120.8378
Total	**0.1654**	**0.0333**	**0.4419**	**1.8400e-003**	**0.1479**	**9.8000e-004**	**0.1489**	**0.0392**	**9.1000e-004**	**0.0401**		**120.7534**	**120.7534**	**4.0200e-003**		**120.8378**

3.7 Site Preparation Phase II - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.5083	23.5257	24.8879	0.0392		1.0293	1.0293		0.9470	0.9470		3,793.8403	3,793.8403	1.2270		3,819.6074
Total	**2.5083**	**23.5257**	**24.8879**	**0.0392**	**18.0663**	**1.0293**	**19.0956**	**9.9307**	**0.9470**	**10.8776**		**3,793.8403**	**3,793.8403**	**1.2270**		**3,819.6074**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1601	0.0321	0.4281	1.8400e-003	0.1479	1.0000e-003	0.1489	0.0392	9.2000e-004	0.0402		119.5988	119.5988	3.9300e-003		119.6812
Total	**0.1601**	**0.0321**	**0.4281**	**1.8400e-003**	**0.1479**	**1.0000e-003**	**0.1489**	**0.0392**	**9.2000e-004**	**0.0402**		**119.5988**	**119.5988**	**3.9300e-003**		**119.6812**

3.7 Site Preparation Phase II - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	0.9506	19.4406	23.3788	0.0391		0.4396	0.4396		0.5043	0.5043	0.0000	3,790.3596	3,790.3596	1.2259		3,816.1031
Total	**0.9506**	**19.4406**	**23.3788**	**0.0391**	**8.1298**	**0.4396**	**8.5694**	**4.4688**	**0.5043**	**4.9731**	**0.0000**	**3,790.3596**	**3,790.3596**	**1.2259**		**3,816.1031**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1601	0.0321	0.4281	1.8400e-003	0.1479	1.0000e-003	0.1489	0.0392	9.2000e-004	0.0402		119.5988	119.5988	3.9300e-003		119.6812
Total	**0.1601**	**0.0321**	**0.4281**	**1.8400e-003**	**0.1479**	**1.0000e-003**	**0.1489**	**0.0392**	**9.2000e-004**	**0.0402**		**119.5988**	**119.5988**	**3.9300e-003**		**119.6812**

3.8 Grading Phase II - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					10.5084	0.0000	10.5084	3.7946	0.0000	3.7946			0.0000			0.0000
Off-Road	3.0022	27.2606	31.3515	0.0618		1.1867	1.1867		1.0918	1.0918		5,982.3526	5,982.3526	1.9348		6,022.9837
Total	**3.0022**	**27.2606**	**31.3515**	**0.0618**	**10.5084**	**1.1867**	**11.6951**	**3.7946**	**1.0918**	**4.8864**		**5,982.3526**	**5,982.3526**	**1.9348**		**6,022.9837**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1838	0.0370	0.4910	2.0400e-003	0.1643	1.0900e-003	0.1654	0.0436	1.0100e-003	0.0446		134.1704	134.1704	4.4700e-003		134.2642
Total	**0.1838**	**0.0370**	**0.4910**	**2.0400e-003**	**0.1643**	**1.0900e-003**	**0.1654**	**0.0436**	**1.0100e-003**	**0.0446**		**134.1704**	**134.1704**	**4.4700e-003**		**134.2642**

3.8 Grading Phase II - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.7288	0.0000	4.7288	1.7076	0.0000	1.7076			0.0000			0.0000
Off-Road	2.0991	28.1067	32.6066	0.0617		0.8650	0.8650		0.8472	0.8472	0.0000	5,976.8641	5,976.8641	1.9330		6,017.4579
Total	**2.0991**	**28.1067**	**32.6066**	**0.0617**	**4.7288**	**0.8650**	**5.5938**	**1.7076**	**0.8472**	**2.5548**	**0.0000**	**5,976.8641**	**5,976.8641**	**1.9330**		**6,017.4579**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1838	0.0370	0.4910	2.0400e-003	0.1643	1.0900e-003	0.1654	0.0436	1.0100e-003	0.0446		134.1704	134.1704	4.4700e-003		134.2642
Total	**0.1838**	**0.0370**	**0.4910**	**2.0400e-003**	**0.1643**	**1.0900e-003**	**0.1654**	**0.0436**	**1.0100e-003**	**0.0446**		**134.1704**	**134.1704**	**4.4700e-003**		**134.2642**

3.8 Grading Phase II - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					10.5084	0.0000	10.5084	3.7946	0.0000	3.7946			0.0000			0.0000
Off-Road	3.0022	27.2606	31.3515	0.0618		1.1867	1.1867		1.0918	1.0918		5,982.3526	5,982.3526	1.9348		6,022.9837
Total	**3.0022**	**27.2606**	**31.3515**	**0.0618**	**10.5084**	**1.1867**	**11.6951**	**3.7946**	**1.0918**	**4.8864**		**5,982.3526**	**5,982.3526**	**1.9348**		**6,022.9837**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1779	0.0357	0.4757	2.0400e-003	0.1643	1.1100e-003	0.1654	0.0436	1.0300e-003	0.0446		132.8875	132.8875	4.3600e-003		132.9791
Total	**0.1779**	**0.0357**	**0.4757**	**2.0400e-003**	**0.1643**	**1.1100e-003**	**0.1654**	**0.0436**	**1.0300e-003**	**0.0446**		**132.8875**	**132.8875**	**4.3600e-003**		**132.9791**

3.8 Grading Phase II - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.7288	0.0000	4.7288	1.7076	0.0000	1.7076			0.0000			0.0000
Off-Road	2.0991	28.1067	32.6066	0.0617		0.8650	0.8650		0.8472	0.8472	0.0000	5,976.8641	5,976.8641	1.9330		6,017.4579
Total	**2.0991**	**28.1067**	**32.6066**	**0.0617**	**4.7288**	**0.8650**	**5.5938**	**1.7076**	**0.8472**	**2.5548**	**0.0000**	**5,976.8641**	**5,976.8641**	**1.9330**		**6,017.4579**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1779	0.0357	0.4757	2.0400e-003	0.1643	1.1100e-003	0.1654	0.0436	1.0300e-003	0.0446		132.8875	132.8875	4.3600e-003		132.9791
Total	**0.1779**	**0.0357**	**0.4757**	**2.0400e-003**	**0.1643**	**1.1100e-003**	**0.1654**	**0.0436**	**1.0300e-003**	**0.0446**		**132.8875**	**132.8875**	**4.3600e-003**		**132.9791**

3.8 Grading Phase II - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					10.5084	0.0000	10.5084	3.7946	0.0000	3.7946			0.0000			0.0000
Off-Road	3.0022	27.2606	31.3515	0.0618		1.1867	1.1867		1.0918	1.0918		5,982.3526	5,982.3526	1.9348		6,022.9837
Total	**3.0022**	**27.2606**	**31.3515**	**0.0618**	**10.5084**	**1.1867**	**11.6951**	**3.7946**	**1.0918**	**4.8864**		**5,982.3526**	**5,982.3526**	**1.9348**		**6,022.9837**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1724	0.0345	0.4621	2.0400e-003	0.1643	1.1200e-003	0.1654	0.0436	1.0400e-003	0.0446		131.7794	131.7794	4.2700e-003		131.8691
Total	**0.1724**	**0.0345**	**0.4621**	**2.0400e-003**	**0.1643**	**1.1200e-003**	**0.1654**	**0.0436**	**1.0400e-003**	**0.0446**		**131.7794**	**131.7794**	**4.2700e-003**		**131.8691**

3.8 Grading Phase II - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.7288	0.0000	4.7288	1.7076	0.0000	1.7076			0.0000			0.0000
Off-Road	2.0991	28.1067	32.6066	0.0617		0.8650	0.8650		0.8472	0.8472	0.0000	5,976.8641	5,976.8641	1.9330		6,017.4579
Total	**2.0991**	**28.1067**	**32.6066**	**0.0617**	**4.7288**	**0.8650**	**5.5938**	**1.7076**	**0.8472**	**2.5548**	**0.0000**	**5,976.8641**	**5,976.8641**	**1.9330**		**6,017.4579**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1724	0.0345	0.4621	2.0400e-003	0.1643	1.1200e-003	0.1654	0.0436	1.0400e-003	0.0446		131.7794	131.7794	4.2700e-003		131.8691
Total	**0.1724**	**0.0345**	**0.4621**	**2.0400e-003**	**0.1643**	**1.1200e-003**	**0.1654**	**0.0436**	**1.0400e-003**	**0.0446**		**131.7794**	**131.7794**	**4.2700e-003**		**131.8691**

3.9 Paving Phase II - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8973	8.4215	14.2781	0.0223		0.4109	0.4109		0.3781	0.3781		2,159.7967	2,159.7967	0.6985		2,174.4656
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.8973**	**8.4215**	**14.2781**	**0.0223**		**0.4109**	**0.4109**		**0.3781**	**0.3781**		**2,159.7967**	**2,159.7967**	**0.6985**		**2,174.4656**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1378	0.0278	0.3682	1.5300e-003	0.1232	8.2000e-004	0.1240	0.0327	7.6000e-004	0.0334		100.6278	100.6278	3.3500e-003		100.6982
Total	**0.1378**	**0.0278**	**0.3682**	**1.5300e-003**	**0.1232**	**8.2000e-004**	**0.1240**	**0.0327**	**7.6000e-004**	**0.0334**		**100.6278**	**100.6278**	**3.3500e-003**		**100.6982**

3.9 Paving Phase II - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6604	9.8035	15.6301	0.0223		0.3205	0.3205		0.3091	0.3091	0.0000	2,157.8152	2,157.8152	0.6979		2,172.4707
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6604**	**9.8035**	**15.6301**	**0.0223**		**0.3205**	**0.3205**		**0.3091**	**0.3091**	**0.0000**	**2,157.8152**	**2,157.8152**	**0.6979**		**2,172.4707**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1378	0.0278	0.3682	1.5300e-003	0.1232	8.2000e-004	0.1240	0.0327	7.6000e-004	0.0334		100.6278	100.6278	3.3500e-003		100.6982
Total	**0.1378**	**0.0278**	**0.3682**	**1.5300e-003**	**0.1232**	**8.2000e-004**	**0.1240**	**0.0327**	**7.6000e-004**	**0.0334**		**100.6278**	**100.6278**	**3.3500e-003**		**100.6982**

3.9 Paving Phase II - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8973	8.4215	14.2781	0.0223		0.4109	0.4109		0.3781	0.3781		2,159.7967	2,159.7967	0.6985		2,174.4656
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.8973**	**8.4215**	**14.2781**	**0.0223**		**0.4109**	**0.4109**		**0.3781**	**0.3781**		**2,159.7967**	**2,159.7967**	**0.6985**		**2,174.4656**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1334	0.0268	0.3568	1.5300e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		99.6656	99.6656	3.2700e-003		99.7344
Total	**0.1334**	**0.0268**	**0.3568**	**1.5300e-003**	**0.1232**	**8.3000e-004**	**0.1241**	**0.0327**	**7.7000e-004**	**0.0335**		**99.6656**	**99.6656**	**3.2700e-003**		**99.7344**

3.9 Paving Phase II - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6604	9.8035	15.6301	0.0223		0.3205	0.3205		0.3091	0.3091	0.0000	2,157.8152	2,157.8152	0.6979		2,172.4707
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6604**	**9.8035**	**15.6301**	**0.0223**		**0.3205**	**0.3205**		**0.3091**	**0.3091**	**0.0000**	**2,157.8152**	**2,157.8152**	**0.6979**		**2,172.4707**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1334	0.0268	0.3568	1.5300e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		99.6656	99.6656	3.2700e-003		99.7344
Total	**0.1334**	**0.0268**	**0.3568**	**1.5300e-003**	**0.1232**	**8.3000e-004**	**0.1241**	**0.0327**	**7.7000e-004**	**0.0335**		**99.6656**	**99.6656**	**3.2700e-003**		**99.7344**

3.9 Paving Phase II - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8973	8.4215	14.2781	0.0223		0.4109	0.4109		0.3781	0.3781		2,159.7967	2,159.7967	0.6985		2,174.4656
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.8973**	**8.4215**	**14.2781**	**0.0223**		**0.4109**	**0.4109**		**0.3781**	**0.3781**		**2,159.7967**	**2,159.7967**	**0.6985**		**2,174.4656**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1293	0.0259	0.3466	1.5300e-003	0.1232	8.4000e-004	0.1241	0.0327	7.8000e-004	0.0335		98.8346	98.8346	3.2000e-003		98.9018
Total	**0.1293**	**0.0259**	**0.3466**	**1.5300e-003**	**0.1232**	**8.4000e-004**	**0.1241**	**0.0327**	**7.8000e-004**	**0.0335**		**98.8346**	**98.8346**	**3.2000e-003**		**98.9018**

3.9 Paving Phase II - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6604	9.8035	15.6301	0.0223		0.3205	0.3205		0.3091	0.3091	0.0000	2,157.8152	2,157.8152	0.6979		2,172.4707
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6604**	**9.8035**	**15.6301**	**0.0223**		**0.3205**	**0.3205**		**0.3091**	**0.3091**	**0.0000**	**2,157.8152**	**2,157.8152**	**0.6979**		**2,172.4707**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1293	0.0259	0.3466	1.5300e-003	0.1232	8.4000e-004	0.1241	0.0327	7.8000e-004	0.0335		98.8346	98.8346	3.2000e-003		98.9018
Total	**0.1293**	**0.0259**	**0.3466**	**1.5300e-003**	**0.1232**	**8.4000e-004**	**0.1241**	**0.0327**	**7.8000e-004**	**0.0335**		**98.8346**	**98.8346**	**3.2000e-003**		**98.9018**

3.10 Building Construction Phase II - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	**1.3615**	**12.4097**	**16.0518**	**0.0269**		**0.5250**	**0.5250**		**0.4939**	**0.4939**		**2,545.8905**	**2,545.8905**	**0.5975**		**2,558.4386**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.7914	14.4312	28.0969	0.0931	2.6245	0.3290	2.9535	0.7499	0.3026	1.0526		8,731.6304	8,731.6304	0.0606		8,732.9026
Worker	13.8684	2.7821	37.0786	0.1591	12.8068	0.0863	12.8931	3.3970	0.0801	3.4771		10,358.5817	10,358.5817	0.3401		10,365.7232
Total	**18.6597**	**17.2132**	**65.1756**	**0.2522**	**15.4313**	**0.4153**	**15.8466**	**4.1469**	**0.3827**	**4.5296**		**19,090.2121**	**19,090.2121**	**0.4007**		**19,098.6258**

3.10 Building Construction Phase II - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7844	13.8132	17.9539	0.0268		0.3810	0.3810		0.3932	0.3932	0.0000	2,543.5548	2,543.5548	0.5970		2,556.0913
Total	**0.7844**	**13.8132**	**17.9539**	**0.0268**		**0.3810**	**0.3810**		**0.3932**	**0.3932**	**0.0000**	**2,543.5548**	**2,543.5548**	**0.5970**		**2,556.0913**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.7914	14.4312	28.0969	0.0931	2.6245	0.3290	2.9535	0.7499	0.3026	1.0526		8,731.6304	8,731.6304	0.0606		8,732.9026
Worker	13.8684	2.7821	37.0786	0.1591	12.8068	0.0863	12.8931	3.3970	0.0801	3.4771		10,358.5817	10,358.5817	0.3401		10,365.7232
Total	**18.6597**	**17.2132**	**65.1756**	**0.2522**	**15.4313**	**0.4153**	**15.8466**	**4.1469**	**0.3827**	**4.5296**		**19,090.2121**	**19,090.2121**	**0.4007**		**19,098.6258**

3.10 Building Construction Phase II - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	**1.3615**	**12.4097**	**16.0518**	**0.0269**		**0.5250**	**0.5250**		**0.4939**	**0.4939**		**2,545.8905**	**2,545.8905**	**0.5975**		**2,558.4386**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.7590	14.2911	27.8530	0.0931	2.6247	0.3293	2.9540	0.7500	0.3030	1.0530		8,732.5765	8,732.5765	0.0607		8,733.8509
Worker	13.4371	2.6920	36.0241	0.1591	12.8068	0.0873	12.8942	3.3970	0.0810	3.4780		10,272.2069	10,272.2069	0.3328		10,279.1950
Total	**18.1960**	**16.9831**	**63.8771**	**0.2522**	**15.4315**	**0.4167**	**15.8482**	**4.1470**	**0.3840**	**4.5310**		**19,004.7834**	**19,004.7834**	**0.3935**		**19,013.0459**

3.10 Building Construction Phase II - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7844	13.8132	17.9539	0.0268		0.3810	0.3810		0.3932	0.3932	0.0000	2,543.5548	2,543.5548	0.5970		2,556.0913
Total	**0.7844**	**13.8132**	**17.9539**	**0.0268**		**0.3810**	**0.3810**		**0.3932**	**0.3932**	**0.0000**	**2,543.5548**	**2,543.5548**	**0.5970**		**2,556.0913**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.7590	14.2911	27.8530	0.0931	2.6247	0.3293	2.9540	0.7500	0.3030	1.0530		8,732.5765	8,732.5765	0.0607		8,733.8509
Worker	13.4371	2.6920	36.0241	0.1591	12.8068	0.0873	12.8942	3.3970	0.0810	3.4780		10,272.2069	10,272.2069	0.3328		10,279.1950
Total	**18.1960**	**16.9831**	**63.8771**	**0.2522**	**15.4315**	**0.4167**	**15.8482**	**4.1470**	**0.3840**	**4.5310**		**19,004.7834**	**19,004.7834**	**0.3935**		**19,013.0459**

3.10 Building Construction Phase II - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	**1.3615**	**12.4097**	**16.0518**	**0.0269**		**0.5250**	**0.5250**		**0.4939**	**0.4939**		**2,545.8905**	**2,545.8905**	**0.5975**		**2,558.4386**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.8366	14.1673	27.6224	0.0931	2.6248	0.3293	2.9541	0.7500	0.3030	1.0530		8,733.3252	8,733.3252	0.0607		8,734.6005
Worker	13.0277	2.6103	35.0937	0.1591	12.8068	0.0883	12.8951	3.3970	0.0819	3.4788		10,198.4775	10,198.4775	0.3262		10,205.3279
Total	**17.8643**	**16.7777**	**62.7161**	**0.2522**	**15.4316**	**0.4175**	**15.8492**	**4.1470**	**0.3848**	**4.5318**		**18,931.8027**	**18,931.8027**	**0.3869**		**18,939.9284**

3.10 Building Construction Phase II - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7844	13.8132	17.9539	0.0268		0.3810	0.3810		0.3932	0.3932	0.0000	2,543.5548	2,543.5548	0.5970		2,556.0913
Total	**0.7844**	**13.8132**	**17.9539**	**0.0268**		**0.3810**	**0.3810**		**0.3932**	**0.3932**	**0.0000**	**2,543.5548**	**2,543.5548**	**0.5970**		**2,556.0913**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.8366	14.1673	27.6224	0.0931	2.6248	0.3293	2.9541	0.7500	0.3030	1.0530		8,733.3252	8,733.3252	0.0607		8,734.6005
Worker	13.0277	2.6103	35.0937	0.1591	12.8068	0.0883	12.8951	3.3970	0.0819	3.4788		10,198.4775	10,198.4775	0.3262		10,205.3279
Total	**17.8643**	**16.7777**	**62.7161**	**0.2522**	**15.4316**	**0.4175**	**15.8492**	**4.1470**	**0.3848**	**4.5318**		**18,931.8027**	**18,931.8027**	**0.3869**		**18,939.9284**

3.10 Building Construction Phase II - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	**1.3615**	**12.4097**	**16.0518**	**0.0269**		**0.5250**	**0.5250**		**0.4939**	**0.4939**		**2,545.8905**	**2,545.8905**	**0.5975**		**2,558.4386**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.7544	14.0645	27.4119	0.0931	2.6250	0.3293	2.9542	0.7501	0.3029	1.0530		8,733.9954	8,733.9954	0.0608		8,735.2715
Worker	12.6181	2.5337	34.2156	0.1591	12.8068	0.0890	12.8958	3.3970	0.0826	3.4795		10,135.9452	10,135.9452	0.3200		10,142.6650
Total	**17.3725**	**16.5982**	**61.6275**	**0.2522**	**15.4318**	**0.4183**	**15.8500**	**4.1471**	**0.3855**	**4.5326**		**18,869.9406**	**18,869.9406**	**0.3808**		**18,877.9365**

3.10 Building Construction Phase II - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7844	13.8132	17.9539	0.0268		0.3810	0.3810		0.3932	0.3932	0.0000	2,543.5548	2,543.5548	0.5970		2,556.0913
Total	**0.7844**	**13.8132**	**17.9539**	**0.0268**		**0.3810**	**0.3810**		**0.3932**	**0.3932**	**0.0000**	**2,543.5548**	**2,543.5548**	**0.5970**		**2,556.0913**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.7544	14.0645	27.4119	0.0931	2.6250	0.3293	2.9542	0.7501	0.3029	1.0530		8,733.9954	8,733.9954	0.0608		8,735.2715
Worker	12.6181	2.5337	34.2156	0.1591	12.8068	0.0890	12.8958	3.3970	0.0826	3.4795		10,135.9452	10,135.9452	0.3200		10,142.6650
Total	**17.3725**	**16.5982**	**61.6275**	**0.2522**	**15.4318**	**0.4183**	**15.8500**	**4.1471**	**0.3855**	**4.5326**		**18,869.9406**	**18,869.9406**	**0.3808**		**18,877.9365**

3.10 Building Construction Phase II - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	**1.3041**	**7.9179**	**16.1313**	**0.0308**		**0.1476**	**0.1476**		**0.1476**	**0.1476**		**2,884.8300**	**2,884.8300**	**0.1158**		**2,887.2617**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.8024	13.9524	27.0659	0.0931	2.6250	0.3292	2.9542	0.7501	0.3029	1.0530		8,734.2127	8,734.2127	0.0608		8,735.4895
Worker	12.2067	2.4620	33.4462	0.1591	12.8068	0.0896	12.8964	3.3970	0.0831	3.4801		10,083.2681	10,083.2681	0.3142		10,089.8671
Total	**17.0090**	**16.4145**	**60.5120**	**0.2522**	**15.4318**	**0.4188**	**15.8506**	**4.1471**	**0.3860**	**4.5331**		**18,817.4808**	**18,817.4808**	**0.3750**		**18,825.3566**

3.10 Building Construction Phase II - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7286	13.6662	17.9039	0.0308		0.3566	0.3566		0.3687	0.3687	0.0000	2,882.1833	2,882.1833	0.1157		2,884.6128
Total	**0.7286**	**13.6662**	**17.9039**	**0.0308**		**0.3566**	**0.3566**		**0.3687**	**0.3687**	**0.0000**	**2,882.1833**	**2,882.1833**	**0.1157**		**2,884.6128**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.8024	13.9524	27.0659	0.0931	2.6250	0.3292	2.9542	0.7501	0.3029	1.0530		8,734.2127	8,734.2127	0.0608		8,735.4895
Worker	12.2067	2.4620	33.4462	0.1591	12.8068	0.0896	12.8964	3.3970	0.0831	3.4801		10,083.2681	10,083.2681	0.3142		10,089.8671
Total	**17.0090**	**16.4145**	**60.5120**	**0.2522**	**15.4318**	**0.4188**	**15.8506**	**4.1471**	**0.3860**	**4.5331**		**18,817.4808**	**18,817.4808**	**0.3750**		**18,825.3566**

3.11 Architectural Coating Phase II - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	60.7029					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.7705
Total	**60.8738**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.7705**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.7755	0.5568	7.4205	0.0318	2.5630	0.0173	2.5803	0.6798	0.0160	0.6959		2,073.0452	2,073.0452	0.0681		2,074.4744
Total	**2.7755**	**0.5568**	**7.4205**	**0.0318**	**2.5630**	**0.0173**	**2.5803**	**0.6798**	**0.0160**	**0.6959**		**2,073.0452**	**2,073.0452**	**0.0681**		**2,074.4744**

3.11 Architectural Coating Phase II - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	60.7029					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3557	1.8307	2.9700e-003		0.0396	0.0396		0.0396	0.0396	0.0000	281.1898	281.1898	0.0153		281.5119
Total	**60.7623**	**1.3557**	**1.8307**	**2.9700e-003**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**281.1898**	**281.1898**	**0.0153**		**281.5119**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.7755	0.5568	7.4205	0.0318	2.5630	0.0173	2.5803	0.6798	0.0160	0.6959		2,073.0452	2,073.0452	0.0681		2,074.4744
Total	**2.7755**	**0.5568**	**7.4205**	**0.0318**	**2.5630**	**0.0173**	**2.5803**	**0.6798**	**0.0160**	**0.6959**		**2,073.0452**	**2,073.0452**	**0.0681**		**2,074.4744**

3.11 Architectural Coating Phase II - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	60.7029					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.7705
Total	**60.8738**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.7705**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.6891	0.5387	7.2095	0.0318	2.5630	0.0175	2.5805	0.6798	0.0162	0.6961		2,055.7592	2,055.7592	0.0666		2,057.1577
Total	**2.6891**	**0.5387**	**7.2095**	**0.0318**	**2.5630**	**0.0175**	**2.5805**	**0.6798**	**0.0162**	**0.6961**		**2,055.7592**	**2,055.7592**	**0.0666**		**2,057.1577**

3.11 Architectural Coating Phase II - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	60.7029					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3557	1.8307	2.9700e-003		0.0396	0.0396		0.0396	0.0396	0.0000	281.1898	281.1898	0.0153		281.5119
Total	**60.7623**	**1.3557**	**1.8307**	**2.9700e-003**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**281.1898**	**281.1898**	**0.0153**		**281.5119**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.6891	0.5387	7.2095	0.0318	2.5630	0.0175	2.5805	0.6798	0.0162	0.6961		2,055.7592	2,055.7592	0.0666		2,057.1577
Total	**2.6891**	**0.5387**	**7.2095**	**0.0318**	**2.5630**	**0.0175**	**2.5805**	**0.6798**	**0.0162**	**0.6961**		**2,055.7592**	**2,055.7592**	**0.0666**		**2,057.1577**

3.11 Architectural Coating Phase II - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	60.7029					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.7705
Total	**60.8738**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.7705**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.6072	0.5224	7.0232	0.0318	2.5630	0.0177	2.5807	0.6798	0.0164	0.6962		2,041.0038	2,041.0038	0.0653		2,042.3748
Total	**2.6072**	**0.5224**	**7.0232**	**0.0318**	**2.5630**	**0.0177**	**2.5807**	**0.6798**	**0.0164**	**0.6962**		**2,041.0038**	**2,041.0038**	**0.0653**		**2,042.3748**

3.11 Architectural Coating Phase II - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	60.7029					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3557	1.8307	2.9700e-003		0.0396	0.0396		0.0396	0.0396	0.0000	281.1898	281.1898	0.0153		281.5119
Total	**60.7623**	**1.3557**	**1.8307**	**2.9700e-003**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**281.1898**	**281.1898**	**0.0153**		**281.5119**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.6072	0.5224	7.0232	0.0318	2.5630	0.0177	2.5807	0.6798	0.0164	0.6962		2,041.0038	2,041.0038	0.0653		2,042.3748
Total	**2.6072**	**0.5224**	**7.0232**	**0.0318**	**2.5630**	**0.0177**	**2.5807**	**0.6798**	**0.0164**	**0.6962**		**2,041.0038**	**2,041.0038**	**0.0653**		**2,042.3748**

3.11 Architectural Coating Phase II - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	60.7029					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.7705
Total	**60.8738**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.7705**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.5252	0.5071	6.8475	0.0318	2.5630	0.0178	2.5808	0.6798	0.0165	0.6964		2,028.4894	2,028.4894	0.0640		2,029.8342
Total	**2.5252**	**0.5071**	**6.8475**	**0.0318**	**2.5630**	**0.0178**	**2.5808**	**0.6798**	**0.0165**	**0.6964**		**2,028.4894**	**2,028.4894**	**0.0640**		**2,029.8342**

3.11 Architectural Coating Phase II - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	60.7029					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3557	1.8307	2.9700e-003		0.0396	0.0396		0.0396	0.0396	0.0000	281.1898	281.1898	0.0153		281.5119
Total	**60.7623**	**1.3557**	**1.8307**	**2.9700e-003**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**281.1898**	**281.1898**	**0.0153**		**281.5119**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.5252	0.5071	6.8475	0.0318	2.5630	0.0178	2.5808	0.6798	0.0165	0.6964		2,028.4894	2,028.4894	0.0640		2,029.8342
Total	**2.5252**	**0.5071**	**6.8475**	**0.0318**	**2.5630**	**0.0178**	**2.5808**	**0.6798**	**0.0165**	**0.6964**		**2,028.4894**	**2,028.4894**	**0.0640**		**2,029.8342**

3.11 Architectural Coating Phase II - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	60.7029					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873
Total	**60.8337**	**0.8563**	**1.7977**	**2.9700e-003**		**0.0203**	**0.0203**		**0.0203**	**0.0203**		**281.4481**	**281.4481**	**0.0114**		**281.6873**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.4429	0.4927	6.6935	0.0318	2.5630	0.0179	2.5809	0.6798	0.0166	0.6965		2,017.9472	2,017.9472	0.0629		2,019.2678
Total	**2.4429**	**0.4927**	**6.6935**	**0.0318**	**2.5630**	**0.0179**	**2.5809**	**0.6798**	**0.0166**	**0.6965**		**2,017.9472**	**2,017.9472**	**0.0629**		**2,019.2678**

3.11 Architectural Coating Phase II - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	60.7029					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3557	1.8307	2.9700e-003		0.0396	0.0396		0.0396	0.0396	0.0000	281.1898	281.1898	0.0114		281.4288
Total	**60.7623**	**1.3557**	**1.8307**	**2.9700e-003**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**281.1898**	**281.1898**	**0.0114**		**281.4288**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.4429	0.4927	6.6935	0.0318	2.5630	0.0179	2.5809	0.6798	0.0166	0.6965		2,017.9472	2,017.9472	0.0629		2,019.2678
Total	**2.4429**	**0.4927**	**6.6935**	**0.0318**	**2.5630**	**0.0179**	**2.5809**	**0.6798**	**0.0166**	**0.6965**		**2,017.9472**	**2,017.9472**	**0.0629**		**2,019.2678**

3.12 Site Preparation Phase III - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.4265	13.0600	16.9420	0.0422		0.4214	0.4214		0.4214	0.4214		4,505.9752	4,505.9752	0.2173		4,510.5381
Total	**2.4265**	**13.0600**	**16.9420**	**0.0422**	**18.0663**	**0.4214**	**18.4876**	**9.9307**	**0.4214**	**10.3520**		**4,505.9752**	**4,505.9752**	**0.2173**		**4,510.5381**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1409	0.0284	0.3862	1.8400e-003	0.1479	1.0300e-003	0.1489	0.0392	9.6000e-004	0.0402		116.4200	116.4200	3.6300e-003		116.4962
Total	**0.1409**	**0.0284**	**0.3862**	**1.8400e-003**	**0.1479**	**1.0300e-003**	**0.1489**	**0.0392**	**9.6000e-004**	**0.0402**		**116.4200**	**116.4200**	**3.6300e-003**		**116.4962**

3.12 Site Preparation Phase III - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	0.9506	19.4406	23.3788	0.0421		0.4396	0.4396		0.5043	0.5043	0.0000	4,501.8413	4,501.8413	0.2171		4,506.3999
Total	**0.9506**	**19.4406**	**23.3788**	**0.0421**	**8.1298**	**0.4396**	**8.5694**	**4.4688**	**0.5043**	**4.9731**	**0.0000**	**4,501.8413**	**4,501.8413**	**0.2171**		**4,506.3999**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1409	0.0284	0.3862	1.8400e-003	0.1479	1.0300e-003	0.1489	0.0392	9.6000e-004	0.0402		116.4200	116.4200	3.6300e-003		116.4962
Total	**0.1409**	**0.0284**	**0.3862**	**1.8400e-003**	**0.1479**	**1.0300e-003**	**0.1489**	**0.0392**	**9.6000e-004**	**0.0402**		**116.4200**	**116.4200**	**3.6300e-003**		**116.4962**

3.13 Grading Phase III - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					13.8645	0.0000	13.8645	4.1570	0.0000	4.1570			0.0000			0.0000
Off-Road	3.2674	13.6648	25.9331	0.0677		0.4954	0.4954		0.4954	0.4954		7,164.4979	7,164.4979	0.2908		7,170.6050
Total	**3.2674**	**13.6648**	**25.9331**	**0.0677**	**13.8645**	**0.4954**	**14.3599**	**4.1570**	**0.4954**	**4.6524**		**7,164.4979**	**7,164.4979**	**0.2908**		**7,170.6050**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1566	0.0316	0.4291	2.0400e-003	0.1643	1.1500e-003	0.1654	0.0436	1.0700e-003	0.0446		129.3556	129.3556	4.0300e-003		129.4403
Total	**0.1566**	**0.0316**	**0.4291**	**2.0400e-003**	**0.1643**	**1.1500e-003**	**0.1654**	**0.0436**	**1.0700e-003**	**0.0446**		**129.3556**	**129.3556**	**4.0300e-003**		**129.4403**

3.13 Grading Phase III - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2390	0.0000	6.2390	1.8707	0.0000	1.8707			0.0000			0.0000
Off-Road	2.3603	22.0397	29.2614	0.0677		0.6164	0.6164		0.6380	0.6380	0.0000	7,157.9248	7,157.9248	0.2906		7,164.0264
Total	**2.3603**	**22.0397**	**29.2614**	**0.0677**	**6.2390**	**0.6164**	**6.8555**	**1.8707**	**0.6380**	**2.5087**	**0.0000**	**7,157.9248**	**7,157.9248**	**0.2906**		**7,164.0264**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1566	0.0316	0.4291	2.0400e-003	0.1643	1.1500e-003	0.1654	0.0436	1.0700e-003	0.0446		129.3556	129.3556	4.0300e-003		129.4403
Total	**0.1566**	**0.0316**	**0.4291**	**2.0400e-003**	**0.1643**	**1.1500e-003**	**0.1654**	**0.0436**	**1.0700e-003**	**0.0446**		**129.3556**	**129.3556**	**4.0300e-003**		**129.4403**

3.13 Grading Phase III - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					13.8645	0.0000	13.8645	4.1570	0.0000	4.1570			0.0000			0.0000
Off-Road	3.2674	13.6648	25.9331	0.0677		0.4954	0.4954		0.4954	0.4954		7,164.4979	7,164.4979	0.2908		7,170.6050
Total	**3.2674**	**13.6648**	**25.9331**	**0.0677**	**13.8645**	**0.4954**	**14.3599**	**4.1570**	**0.4954**	**4.6524**		**7,164.4979**	**7,164.4979**	**0.2908**		**7,170.6050**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1502	0.0307	0.4203	2.0400e-003	0.1643	1.1500e-003	0.1655	0.0436	1.0700e-003	0.0447		128.7960	128.7960	3.9700e-003		128.8792
Total	**0.1502**	**0.0307**	**0.4203**	**2.0400e-003**	**0.1643**	**1.1500e-003**	**0.1655**	**0.0436**	**1.0700e-003**	**0.0447**		**128.7960**	**128.7960**	**3.9700e-003**		**128.8792**

3.13 Grading Phase III - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2390	0.0000	6.2390	1.8707	0.0000	1.8707			0.0000			0.0000
Off-Road	2.3603	22.0397	29.2614	0.0677		0.6164	0.6164		0.6380	0.6380	0.0000	7,157.9248	7,157.9248	0.2906		7,164.0264
Total	**2.3603**	**22.0397**	**29.2614**	**0.0677**	**6.2390**	**0.6164**	**6.8555**	**1.8707**	**0.6380**	**2.5087**	**0.0000**	**7,157.9248**	**7,157.9248**	**0.2906**		**7,164.0264**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1502	0.0307	0.4203	2.0400e-003	0.1643	1.1500e-003	0.1655	0.0436	1.0700e-003	0.0447		128.7960	128.7960	3.9700e-003		128.8792
Total	**0.1502**	**0.0307**	**0.4203**	**2.0400e-003**	**0.1643**	**1.1500e-003**	**0.1655**	**0.0436**	**1.0700e-003**	**0.0447**		**128.7960**	**128.7960**	**3.9700e-003**		**128.8792**

3.14 Paving Phase III - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234		2,599.9866	2,599.9866	0.1219		2,602.5460
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.3549**	**6.9800**	**15.5192**	**0.0275**		**0.3234**	**0.3234**		**0.3234**	**0.3234**		**2,599.9866**	**2,599.9866**	**0.1219**		**2,602.5460**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1175	0.0237	0.3218	1.5300e-003	0.1232	8.6000e-004	0.1241	0.0327	8.0000e-004	0.0335		97.0167	97.0167	3.0200e-003		97.0802
Total	**0.1175**	**0.0237**	**0.3218**	**1.5300e-003**	**0.1232**	**8.6000e-004**	**0.1241**	**0.0327**	**8.0000e-004**	**0.0335**		**97.0167**	**97.0167**	**3.0200e-003**		**97.0802**

3.14 Paving Phase III - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8815	9.3984	16.2201	0.0274		0.3150	0.3150		0.3150	0.3150	0.0000	2,597.6013	2,597.6013	0.1218		2,600.1583
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.8815**	**9.3984**	**16.2201**	**0.0274**		**0.3150**	**0.3150**		**0.3150**	**0.3150**	**0.0000**	**2,597.6013**	**2,597.6013**	**0.1218**		**2,600.1583**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1175	0.0237	0.3218	1.5300e-003	0.1232	8.6000e-004	0.1241	0.0327	8.0000e-004	0.0335		97.0167	97.0167	3.0200e-003		97.0802
Total	**0.1175**	**0.0237**	**0.3218**	**1.5300e-003**	**0.1232**	**8.6000e-004**	**0.1241**	**0.0327**	**8.0000e-004**	**0.0335**		**97.0167**	**97.0167**	**3.0200e-003**		**97.0802**

3.14 Paving Phase III - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234		2,599.9866	2,599.9866	0.1219		2,602.5460
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.3549**	**6.9800**	**15.5192**	**0.0275**		**0.3234**	**0.3234**		**0.3234**	**0.3234**		**2,599.9866**	**2,599.9866**	**0.1219**		**2,602.5460**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1127	0.0231	0.3152	1.5300e-003	0.1232	8.7000e-004	0.1241	0.0327	8.0000e-004	0.0335		96.5970	96.5970	2.9700e-003		96.6594
Total	**0.1127**	**0.0231**	**0.3152**	**1.5300e-003**	**0.1232**	**8.7000e-004**	**0.1241**	**0.0327**	**8.0000e-004**	**0.0335**		**96.5970**	**96.5970**	**2.9700e-003**		**96.6594**

3.14 Paving Phase III - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8815	9.3984	16.2201	0.0274		0.3150	0.3150		0.3150	0.3150	0.0000	2,597.6013	2,597.6013	0.1218		2,600.1583
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.8815**	**9.3984**	**16.2201**	**0.0274**		**0.3150**	**0.3150**		**0.3150**	**0.3150**	**0.0000**	**2,597.6013**	**2,597.6013**	**0.1218**		**2,600.1583**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1127	0.0231	0.3152	1.5300e-003	0.1232	8.7000e-004	0.1241	0.0327	8.0000e-004	0.0335		96.5970	96.5970	2.9700e-003		96.6594
Total	**0.1127**	**0.0231**	**0.3152**	**1.5300e-003**	**0.1232**	**8.7000e-004**	**0.1241**	**0.0327**	**8.0000e-004**	**0.0335**		**96.5970**	**96.5970**	**2.9700e-003**		**96.6594**

3.15 Building Construction Phase III - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	**1.3041**	**7.9179**	**16.1313**	**0.0308**		**0.1476**	**0.1476**		**0.1476**	**0.1476**		**2,884.8300**	**2,884.8300**	**0.1158**		**2,887.2617**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.8024	13.9524	27.0659	0.0931	2.6250	0.3292	2.9542	0.7501	0.3029	1.0530		8,734.2127	8,734.2127	0.0608		8,735.4895
Worker	12.2067	2.4620	33.4462	0.1591	12.8068	0.0896	12.8964	3.3970	0.0831	3.4801		10,083.2681	10,083.2681	0.3142		10,089.8671
Total	**17.0090**	**16.4145**	**60.5120**	**0.2522**	**15.4318**	**0.4188**	**15.8506**	**4.1471**	**0.3860**	**4.5331**		**18,817.4808**	**18,817.4808**	**0.3750**		**18,825.3566**

3.15 Building Construction Phase III - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7286	13.6662	17.9039	0.0308		0.3566	0.3566		0.3687	0.3687	0.0000	2,882.1833	2,882.1833	0.1157		2,884.6128
Total	**0.7286**	**13.6662**	**17.9039**	**0.0308**		**0.3566**	**0.3566**		**0.3687**	**0.3687**	**0.0000**	**2,882.1833**	**2,882.1833**	**0.1157**		**2,884.6128**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.8024	13.9524	27.0659	0.0931	2.6250	0.3292	2.9542	0.7501	0.3029	1.0530		8,734.2127	8,734.2127	0.0608		8,735.4895
Worker	12.2067	2.4620	33.4462	0.1591	12.8068	0.0896	12.8964	3.3970	0.0831	3.4801		10,083.2681	10,083.2681	0.3142		10,089.8671
Total	**17.0090**	**16.4145**	**60.5120**	**0.2522**	**15.4318**	**0.4188**	**15.8506**	**4.1471**	**0.3860**	**4.5331**		**18,817.4808**	**18,817.4808**	**0.3750**		**18,825.3566**

3.15 Building Construction Phase III - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	**1.3041**	**7.9179**	**16.1313**	**0.0308**		**0.1476**	**0.1476**		**0.1476**	**0.1476**		**2,884.8300**	**2,884.8300**	**0.1158**		**2,887.2617**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.7272	13.8735	26.9527	0.0931	2.6253	0.3294	2.9547	0.7502	0.3031	1.0533		8,735.5050	8,735.5050	0.0609		8,736.7829
Worker	11.7098	2.3963	32.7586	0.1591	12.8068	0.0900	12.8968	3.3970	0.0835	3.4804		10,039.6448	10,039.6448	0.3091		10,046.1355
Total	**16.4370**	**16.2698**	**59.7113**	**0.2522**	**15.4321**	**0.4194**	**15.8514**	**4.1472**	**0.3865**	**4.5337**		**18,775.1498**	**18,775.1498**	**0.3699**		**18,782.9184**

3.15 Building Construction Phase III - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7286	13.6662	17.9039	0.0308		0.3566	0.3566		0.3687	0.3687	0.0000	2,882.1833	2,882.1833	0.1157		2,884.6128
Total	**0.7286**	**13.6662**	**17.9039**	**0.0308**		**0.3566**	**0.3566**		**0.3687**	**0.3687**	**0.0000**	**2,882.1833**	**2,882.1833**	**0.1157**		**2,884.6128**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.7272	13.8735	26.9527	0.0931	2.6253	0.3294	2.9547	0.7502	0.3031	1.0533		8,735.5050	8,735.5050	0.0609		8,736.7829
Worker	11.7098	2.3963	32.7586	0.1591	12.8068	0.0900	12.8968	3.3970	0.0835	3.4804		10,039.6448	10,039.6448	0.3091		10,046.1355
Total	**16.4370**	**16.2698**	**59.7113**	**0.2522**	**15.4321**	**0.4194**	**15.8514**	**4.1472**	**0.3865**	**4.5337**		**18,775.1498**	**18,775.1498**	**0.3699**		**18,782.9184**

3.15 Building Construction Phase III - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	**1.3041**	**7.9179**	**16.1313**	**0.0308**		**0.1476**	**0.1476**		**0.1476**	**0.1476**		**2,884.8300**	**2,884.8300**	**0.1158**		**2,887.2617**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.6006	13.7717	26.7786	0.0931	2.6255	0.3295	2.9550	0.7503	0.3032	1.0534		8,736.3596	8,736.3596	0.0609		8,737.6385
Worker	11.2942	2.3412	32.1887	0.1591	12.8068	0.0903	12.8971	3.3970	0.0838	3.4808		10,003.6398	10,003.6398	0.3047		10,010.0375
Total	**15.8949**	**16.1128**	**58.9673**	**0.2523**	**15.4323**	**0.4198**	**15.8521**	**4.1473**	**0.3869**	**4.5342**		**18,739.9994**	**18,739.9994**	**0.3656**		**18,747.6760**

3.15 Building Construction Phase III - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7286	13.6662	17.9039	0.0308		0.3566	0.3566		0.3687	0.3687	0.0000	2,882.1833	2,882.1833	0.1157		2,884.6128
Total	**0.7286**	**13.6662**	**17.9039**	**0.0308**		**0.3566**	**0.3566**		**0.3687**	**0.3687**	**0.0000**	**2,882.1833**	**2,882.1833**	**0.1157**		**2,884.6128**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.6006	13.7717	26.7786	0.0931	2.6255	0.3295	2.9550	0.7503	0.3032	1.0534		8,736.3596	8,736.3596	0.0609		8,737.6385
Worker	11.2942	2.3412	32.1887	0.1591	12.8068	0.0903	12.8971	3.3970	0.0838	3.4808		10,003.6398	10,003.6398	0.3047		10,010.0375
Total	**15.8949**	**16.1128**	**58.9673**	**0.2523**	**15.4323**	**0.4198**	**15.8521**	**4.1473**	**0.3869**	**4.5342**		**18,739.9994**	**18,739.9994**	**0.3656**		**18,747.6760**

3.15 Building Construction Phase III - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	**1.3041**	**7.9179**	**16.1313**	**0.0308**		**0.1476**	**0.1476**		**0.1476**	**0.1476**		**2,884.8300**	**2,884.8300**	**0.1158**		**2,887.2617**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5098	13.6808	26.5966	0.0931	2.6257	0.3296	2.9552	0.7504	0.3032	1.0536		8,737.3435	8,737.3435	0.0609		8,738.6231
Worker	10.9437	2.2955	31.7202	0.1592	12.8068	0.0906	12.8974	3.3970	0.0840	3.4810		9,974.1362	9,974.1362	0.3009		9,980.4548
Total	**15.4536**	**15.9763**	**58.3167**	**0.2523**	**15.4325**	**0.4201**	**15.8526**	**4.1473**	**0.3872**	**4.5346**		**18,711.4796**	**18,711.4796**	**0.3618**		**18,719.0779**

3.15 Building Construction Phase III - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7286	13.6662	17.9039	0.0308		0.3566	0.3566		0.3687	0.3687	0.0000	2,882.1833	2,882.1833	0.1157		2,884.6128
Total	**0.7286**	**13.6662**	**17.9039**	**0.0308**		**0.3566**	**0.3566**		**0.3687**	**0.3687**	**0.0000**	**2,882.1833**	**2,882.1833**	**0.1157**		**2,884.6128**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5098	13.6808	26.5966	0.0931	2.6257	0.3296	2.9552	0.7504	0.3032	1.0536		8,737.3435	8,737.3435	0.0609		8,738.6231
Worker	10.9437	2.2955	31.7202	0.1592	12.8068	0.0906	12.8974	3.3970	0.0840	3.4810		9,974.1362	9,974.1362	0.3009		9,980.4548
Total	**15.4536**	**15.9763**	**58.3167**	**0.2523**	**15.4325**	**0.4201**	**15.8526**	**4.1473**	**0.3872**	**4.5346**		**18,711.4796**	**18,711.4796**	**0.3618**		**18,719.0779**

3.15 Building Construction Phase III - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	**1.3041**	**7.9179**	**16.1313**	**0.0308**		**0.1476**	**0.1476**		**0.1476**	**0.1476**		**2,884.8300**	**2,884.8300**	**0.1158**		**2,887.2617**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4841	13.6112	26.4727	0.0931	2.6258	0.3296	2.9553	0.7504	0.3032	1.0536		8,737.9454	8,737.9454	0.0610		8,739.2254
Worker	10.6552	2.2566	31.2733	0.1592	12.8068	0.0907	12.8975	3.3970	0.0842	3.4811		9,949.6400	9,949.6400	0.2974		9,955.8844
Total	**15.1393**	**15.8677**	**57.7460**	**0.2523**	**15.4326**	**0.4203**	**15.8528**	**4.1474**	**0.3874**	**4.5347**		**18,687.5854**	**18,687.5854**	**0.3583**		**18,695.1098**

3.15 Building Construction Phase III - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7286	13.6662	17.9039	0.0308		0.3566	0.3566		0.3687	0.3687	0.0000	2,882.1833	2,882.1833	0.1157		2,884.6128
Total	**0.7286**	**13.6662**	**17.9039**	**0.0308**		**0.3566**	**0.3566**		**0.3687**	**0.3687**	**0.0000**	**2,882.1833**	**2,882.1833**	**0.1157**		**2,884.6128**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4841	13.6112	26.4727	0.0931	2.6258	0.3296	2.9553	0.7504	0.3032	1.0536		8,737.9454	8,737.9454	0.0610		8,739.2254
Worker	10.6552	2.2566	31.2733	0.1592	12.8068	0.0907	12.8975	3.3970	0.0842	3.4811		9,949.6400	9,949.6400	0.2974		9,955.8844
Total	**15.1393**	**15.8677**	**57.7460**	**0.2523**	**15.4326**	**0.4203**	**15.8528**	**4.1474**	**0.3874**	**4.5347**		**18,687.5854**	**18,687.5854**	**0.3583**		**18,695.1098**

3.16 Architectural Coating Phase III - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	72.9896					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873
Total	**73.1203**	**0.8563**	**1.7977**	**2.9700e-003**		**0.0203**	**0.0203**		**0.0203**	**0.0203**		**281.4481**	**281.4481**	**0.0114**		**281.6873**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.3435	0.4796	6.5559	0.0319	2.5630	0.0180	2.5810	0.6798	0.0167	0.6965		2,009.2169	2,009.2169	0.0619		2,010.5159
Total	**2.3435**	**0.4796**	**6.5559**	**0.0319**	**2.5630**	**0.0180**	**2.5810**	**0.6798**	**0.0167**	**0.6965**		**2,009.2169**	**2,009.2169**	**0.0619**		**2,010.5159**

3.16 Architectural Coating Phase III - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	72.9896					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3557	1.8307	2.9700e-003		0.0396	0.0396		0.0396	0.0396	0.0000	281.1898	281.1898	0.0114		281.4288
Total	**73.0490**	**1.3557**	**1.8307**	**2.9700e-003**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**281.1898**	**281.1898**	**0.0114**		**281.4288**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.3435	0.4796	6.5559	0.0319	2.5630	0.0180	2.5810	0.6798	0.0167	0.6965		2,009.2169	2,009.2169	0.0619		2,010.5159
Total	**2.3435**	**0.4796**	**6.5559**	**0.0319**	**2.5630**	**0.0180**	**2.5810**	**0.6798**	**0.0167**	**0.6965**		**2,009.2169**	**2,009.2169**	**0.0619**		**2,010.5159**

3.16 Architectural Coating Phase III - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	72.9896					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873
Total	**73.1203**	**0.8563**	**1.7977**	**2.9700e-003**		**0.0203**	**0.0203**		**0.0203**	**0.0203**		**281.4481**	**281.4481**	**0.0114**		**281.6873**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.2603	0.4685	6.4419	0.0319	2.5630	0.0181	2.5811	0.6798	0.0168	0.6966		2,002.0113	2,002.0113	0.0610		2,003.2917
Total	**2.2603**	**0.4685**	**6.4419**	**0.0319**	**2.5630**	**0.0181**	**2.5811**	**0.6798**	**0.0168**	**0.6966**		**2,002.0113**	**2,002.0113**	**0.0610**		**2,003.2917**

3.16 Architectural Coating Phase III - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	72.9896					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3557	1.8307	2.9700e-003		0.0396	0.0396		0.0396	0.0396	0.0000	281.1898	281.1898	0.0114		281.4288
Total	**73.0490**	**1.3557**	**1.8307**	**2.9700e-003**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**281.1898**	**281.1898**	**0.0114**		**281.4288**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.2603	0.4685	6.4419	0.0319	2.5630	0.0181	2.5811	0.6798	0.0168	0.6966		2,002.0113	2,002.0113	0.0610		2,003.2917
Total	**2.2603**	**0.4685**	**6.4419**	**0.0319**	**2.5630**	**0.0181**	**2.5811**	**0.6798**	**0.0168**	**0.6966**		**2,002.0113**	**2,002.0113**	**0.0610**		**2,003.2917**

3.16 Architectural Coating Phase III - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	72.9896					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873
Total	**73.1203**	**0.8563**	**1.7977**	**2.9700e-003**		**0.0203**	**0.0203**		**0.0203**	**0.0203**		**281.4481**	**281.4481**	**0.0114**		**281.6873**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.1902	0.4594	6.3481	0.0319	2.5630	0.0181	2.5811	0.6798	0.0168	0.6966		1,996.1068	1,996.1068	0.0602		1,997.3713
Total	**2.1902**	**0.4594**	**6.3481**	**0.0319**	**2.5630**	**0.0181**	**2.5811**	**0.6798**	**0.0168**	**0.6966**		**1,996.1068**	**1,996.1068**	**0.0602**		**1,997.3713**

3.16 Architectural Coating Phase III - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	72.9896					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3557	1.8307	2.9700e-003		0.0396	0.0396		0.0396	0.0396	0.0000	281.1898	281.1898	0.0114		281.4288
Total	**73.0490**	**1.3557**	**1.8307**	**2.9700e-003**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**281.1898**	**281.1898**	**0.0114**		**281.4288**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.1902	0.4594	6.3481	0.0319	2.5630	0.0181	2.5811	0.6798	0.0168	0.6966		1,996.1068	1,996.1068	0.0602		1,997.3713
Total	**2.1902**	**0.4594**	**6.3481**	**0.0319**	**2.5630**	**0.0181**	**2.5811**	**0.6798**	**0.0168**	**0.6966**		**1,996.1068**	**1,996.1068**	**0.0602**		**1,997.3713**

3.16 Architectural Coating Phase III - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	72.9896					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873
Total	**73.1203**	**0.8563**	**1.7977**	**2.9700e-003**		**0.0203**	**0.0203**		**0.0203**	**0.0203**		**281.4481**	**281.4481**	**0.0114**		**281.6873**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.1324	0.4516	6.2587	0.0319	2.5630	0.0182	2.5812	0.6798	0.0168	0.6967		1,991.2044	1,991.2044	0.0595		1,992.4541
Total	**2.1324**	**0.4516**	**6.2587**	**0.0319**	**2.5630**	**0.0182**	**2.5812**	**0.6798**	**0.0168**	**0.6967**		**1,991.2044**	**1,991.2044**	**0.0595**		**1,992.4541**

3.16 Architectural Coating Phase III - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	72.9896					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3557	1.8307	2.9700e-003		0.0396	0.0396		0.0396	0.0396	0.0000	281.1898	281.1898	0.0114		281.4288
Total	**73.0490**	**1.3557**	**1.8307**	**2.9700e-003**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**281.1898**	**281.1898**	**0.0114**		**281.4288**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.1324	0.4516	6.2587	0.0319	2.5630	0.0182	2.5812	0.6798	0.0168	0.6967		1,991.2044	1,991.2044	0.0595		1,992.4541
Total	**2.1324**	**0.4516**	**6.2587**	**0.0319**	**2.5630**	**0.0182**	**2.5812**	**0.6798**	**0.0168**	**0.6967**		**1,991.2044**	**1,991.2044**	**0.0595**		**1,992.4541**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Integrate Below Market Rate Housing

Expand Transit Network

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	288.3773	247.9842	1,078.1368	2.7523	173.0516	3.7264	176.7780	46.2348	3.4344	49.6692		213,900.2130	213,900.2130	6.5955		214,038.7193
Unmitigated	300.1380	257.8222	1,115.1334	2.8908	182.1652	3.9032	186.0684	48.6697	3.5973	52.2670		224,671.5901	224,671.5901	6.8922		224,816.3255

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	6,530.30	6,530.30	6530.30	12,629,679	11,997,826
Elementary School	1,032.00	0.00	0.00	1,425,643	1,354,319
General Office Building	375.02	375.02	375.02	725,293	689,007
Single Family Housing	17,564.40	17,564.40	17564.40	33,969,762	32,270,280
Strip Mall	18,873.40	18,873.40	18873.40	36,501,384	34,675,247
Total	44,375.12	43,343.12	43,343.12	85,251,761	80,986,679

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	6.56	6.56	6.56	42.60	21.00	36.40	80.7	0	19.3
Elementary School	6.56	6.56	6.56	65.00	30.00	5.00	80.7	0	19.3
General Office Building	6.56	6.56	6.56	33.00	48.00	19.00	80.7	0	19.3
Single Family Housing	6.56	6.56	6.56	42.60	21.00	36.40	80.7	0	19.3
Strip Mall	6.56	6.56	6.56	16.60	64.40	19.00	80.7	0	19.3

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.436273	0.063932	0.189732	0.169543	0.063617	0.008590	0.013234	0.039559	0.001712	0.001072	0.008451	0.000528	0.003758

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.7784	15.2810	7.0808	0.0970		1.2287	1.2287		1.2287	1.2287		19,400.7404	19,400.7404	0.3719	0.3557	19,518.8101
NaturalGas Unmitigated	2.2447	19.2926	8.9728	0.1224		1.5509	1.5509		1.5509	1.5509		24,487.7458	24,487.7458	0.4694	0.4489	24,636.7741

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Elementary School	2287.56	0.0247	0.2243	0.1884	1.3500e-003		0.0170	0.0170		0.0170	0.0170		269.1249	269.1249	5.1600e-003	4.9300e-003	270.7628
General Office Building	1611.51	0.0174	0.1580	0.1327	9.5000e-004		0.0120	0.0120		0.0120	0.0120		189.5890	189.5890	3.6300e-003	3.4800e-003	190.7429
Single Family Housing	162521	1.7527	14.9774	6.3734	0.0956		1.2109	1.2109		1.2109	1.2109		19,120.0695	19,120.0695	0.3665	0.3505	19,236.4311
Strip Mall	14882.7	0.1605	1.4591	1.2256	8.7500e-003		0.1109	0.1109		0.1109	0.1109		1,750.9041	1,750.9041	0.0336	0.0321	1,761.5598
Apartments Mid Rise	26843.5	0.2895	2.4738	1.0527	0.0158		0.2000	0.2000		0.2000	0.2000		3,158.0582	3,158.0582	0.0605	0.0579	3,177.2776
Total		**2.2447**	**19.2926**	**8.9728**	**0.1224**		**1.5509**	**1.5509**		**1.5509**	**1.5509**		**24,487.7458**	**24,487.7458**	**0.4694**	**0.4489**	**24,636.7741**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	1.21958	0.0132	0.1196	0.1004	7.2000e-004		9.0900e-003	9.0900e-003		9.0900e-003	9.0900e-003		143.4795	143.4795	2.7500e-003	2.6300e-003	144.3526
Single Family Housing	129.389	1.3954	11.9241	5.0741	0.0761		0.9641	0.9641		0.9641	0.9641		15,222.2268	15,222.2268	0.2918	0.2791	15,314.8667
Strip Mall	11.271	0.1216	1.1050	0.9282	6.6300e-003		0.0840	0.0840		0.0840	0.0840		1,326.0000	1,326.0000	0.0254	0.0243	1,334.0698
Apartments Mid Rise	21.287	0.2296	1.9617	0.8348	0.0125		0.1586	0.1586		0.1586	0.1586		2,504.3477	2,504.3477	0.0480	0.0459	2,519.5887
Elementary School	1.73984	0.0188	0.1706	0.1433	1.0200e-003		0.0130	0.0130		0.0130	0.0130		204.6865	204.6865	3.9200e-003	3.7500e-003	205.9322
Total		**1.7784**	**15.2810**	**7.0808**	**0.0970**		**1.2287**	**1.2287**		**1.2287**	**1.2287**		**19,400.7404**	**19,400.7404**	**0.3718**	**0.3557**	**19,518.8101**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	144.1242	2.6621	229.7288	0.0120		2.4987	2.4987		2.4856	2.4856	0.0000	19,956.0215	19,956.0215	0.7692	0.3583	20,083.2597
Unmitigated	171.2763	2.7078	234.2352	0.0123		2.5251	2.5251		2.5121	2.5121	0.0000	19,966.1191	19,966.1191	0.7849	0.3583	20,093.6873

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	45.1601					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	117.1864					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.7917	8.0000e-005	0.0977	0.0000		1.2379	1.2379		1.2249	1.2249	0.0000	19,545.8824	19,545.8824	0.3746	0.3583	19,664.8353
Landscaping	7.1380	2.7077	234.1375	0.0123		1.2872	1.2872		1.2872	1.2872		420.2367	420.2367	0.4103		428.8519
Total	**171.2763**	**2.7078**	**234.2352**	**0.0123**		**2.5251**	**2.5251**		**2.5121**	**2.5121**	**0.0000**	**19,966.1191**	**19,966.1191**	**0.7849**	**0.3583**	**20,093.6873**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	18.2774					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	117.1864					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.7917	8.0000e-005	0.0977	0.0000		1.2379	1.2379		1.2249	1.2249	0.0000	19,545.8824	19,545.8824	0.3746	0.3583	19,664.8353
Landscaping	6.8687	2.6620	229.6310	0.0120		1.2608	1.2608		1.2608	1.2608		410.1391	410.1391	0.3945		418.4243
Total	**144.1242**	**2.6621**	**229.7288**	**0.0120**		**2.4987**	**2.4987**		**2.4856**	**2.4856**	**0.0000**	**19,956.0215**	**19,956.0215**	**0.7692**	**0.3583**	**20,083.2597**

7.0 Water Detail

7.1 Mitigation Measures Water

Use Reclaimed Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Turf Reduction

Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Vegetation

Amoruso Ranch Specific Plan

Placer County APCD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	34.00	1000sqft	4.09	34,000.00	0
Elementary School	800.00	Student	9.62	84,000.00	0
Apartments Mid Rise	982.00	Dwelling Unit	63.94	1,393,000.00	2592
Single Family Housing	1,845.00	Dwelling Unit	325.31	3,523,000.00	4870
Strip Mall	442.00	1000sqft	76.79	442,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	74
Climate Zone	2			**Operational Year**	2020
Utility Company	Roseville Electric				
CO2 Intensity (lb/MWhr)	793.8	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Refer to CalEEMod Input Table, Appendix A.

Construction Phase - Refer to CalEEMod Input Table, Appendix A.

Trips and VMT -

Architectural Coating - PCAPCD Rule 218.

Vehicle Trips - Refer to CalEEMod Input Table, Appendix A.

Woodstoves - Refer to CalEEMod Table, Appendix A.

Area Coating - PCAPCD Rule 218

Water And Wastewater - Refer to CalEEMod Table, Appendix A.

Solid Waste - Refer to CalEEMod Table, Appendix A. Used default distribution. Landfill Calpture Gas Flare (%) refer to CalEEMod Table, Appendix A.

Land Use Change -

Construction Off-road Equipment Mitigation - Refer to CalEEMod Table in Appendix.

Mobile Land Use Mitigation - Refer to CalEEMod Table, Appendix A.

Area Mitigation - Refer to CalEEMod Table, Appendix A.

Energy Mitigation -

Water Mitigation - Refer to CalEEMod Table, Appendix A.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00

tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	100
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	100
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	100
tblConstEquipMitigation	DPF	No Change	Level 2
tblConstEquipMitigation	DPF	No Change	Level 2
tblConstEquipMitigation	DPF	No Change	Level 2
tblConstEquipMitigation	DPF	No Change	Level 2
tblConstEquipMitigation	DPF	No Change	Level 2
tblConstEquipMitigation	DPF	No Change	Level 2
tblConstEquipMitigation	DPF	No Change	Level 2
tblConstEquipMitigation	DPF	No Change	Level 2
tblConstEquipMitigation	DPF	No Change	Level 2
tblConstEquipMitigation	DPF	No Change	Level 2
tblConstEquipMitigation	DPF	No Change	Level 2
tblConstEquipMitigation	DPF	No Change	Level 3
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	27.00
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstructionPhase	NumDays	550.00	1,099.00
tblConstructionPhase	NumDays	550.00	914.00
tblConstructionPhase	NumDays	550.00	1,912.00
tblConstructionPhase	NumDays	7,750.00	1,055.00
tblConstructionPhase	NumDays	7,750.00	2,076.00
tblConstructionPhase	NumDays	7,750.00	1,088.00
tblConstructionPhase	NumDays	775.00	262.00
tblConstructionPhase	NumDays	775.00	391.00
tblConstructionPhase	NumDays	775.00	458.00
tblConstructionPhase	NumDays	550.00	130.00
tblConstructionPhase	NumDays	550.00	391.00
tblConstructionPhase	NumDays	550.00	391.00
tblConstructionPhase	NumDays	300.00	370.00
tblConstructionPhase	NumDays	300.00	130.00
tblConstructionPhase	NumDays	300.00	250.00

tblConstructionPhase	PhaseEndDate	8/1/2034	5/30/2030
tblConstructionPhase	PhaseEndDate	6/17/2038	12/30/2034
tblConstructionPhase	PhaseEndDate	9/13/2032	5/30/2025
tblConstructionPhase	PhaseEndDate	3/30/2035	12/15/2034
tblConstructionPhase	PhaseEndDate	9/29/2026	5/15/2025
tblConstructionPhase	PhaseEndDate	5/15/2031	5/15/2030
tblConstructionPhase	PhaseEndDate	12/2/2031	7/15/2031
tblConstructionPhase	PhaseEndDate	12/2/2019	8/15/2018
tblConstructionPhase	PhaseEndDate	2/16/2028	4/15/2027
tblConstructionPhase	PhaseEndDate	1/13/2032	3/15/2031
tblConstructionPhase	PhaseEndDate	2/13/2020	10/15/2018
tblConstructionPhase	PhaseEndDate	10/13/2028	3/15/2027
tblConstructionPhase	PhaseEndDate	11/28/2030	12/1/2030
tblConstructionPhase	PhaseStartDate	5/16/2030	3/15/2026
tblConstructionPhase	PhaseStartDate	12/16/2034	7/1/2031
tblConstructionPhase	PhaseStartDate	5/16/2025	2/1/2018
tblConstructionPhase	PhaseStartDate	3/16/2031	12/1/2030
tblConstructionPhase	PhaseStartDate	10/16/2018	6/1/2017
tblConstructionPhase	PhaseStartDate	3/16/2027	3/15/2026
tblConstructionPhase	PhaseStartDate	12/2/2030	7/15/2030
tblConstructionPhase	PhaseStartDate	6/2/2018	2/15/2017
tblConstructionPhase	PhaseStartDate	5/16/2026	7/15/2025
tblConstructionPhase	PhaseStartDate	7/16/2031	9/15/2030
tblConstructionPhase	PhaseStartDate	8/16/2018	4/15/2017
tblConstructionPhase	PhaseStartDate	4/16/2027	9/15/2025
tblConstructionPhase	PhaseStartDate	5/31/2030	6/1/2030
tblConstructionPhase	PhaseStartDate	5/31/2025	6/1/2025
tblFireplaces	FireplaceWoodMass	3,078.40	0.00

tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	540.10	0.00
tblFireplaces	NumberGas	1,014.75	923.00
tblFireplaces	NumberNoFireplace	98.20	982.00
tblFireplaces	NumberNoFireplace	184.50	922.00
tblFireplaces	NumberWood	343.70	0.00
tblFireplaces	NumberWood	645.75	0.00
tblGrading	AcresOfGrading	655.00	1,937.50
tblGrading	AcresOfGrading	977.50	1,937.50
tblGrading	AcresOfGrading	1,145.00	1,937.50
tblLandUse	LandUseSquareFeet	66,882.70	84,000.00
tblLandUse	LandUseSquareFeet	982,000.00	1,393,000.00
tblLandUse	LandUseSquareFeet	3,321,000.00	3,523,000.00
tblLandUse	LotAcreage	0.78	4.09
tblLandUse	LotAcreage	1.54	9.62
tblLandUse	LotAcreage	25.84	63.94
tblLandUse	LotAcreage	599.03	325.31
tblLandUse	LotAcreage	10.15	76.79
tblLandUse	Population	2,809.00	2,592.00
tblLandUse	Population	5,277.00	4,870.00
tblProjectCharacteristics	OperationalYear	2014	2020
tblSolidWaste	SolidWasteGenerationRate	451.72	1,387.50
tblSolidWaste	SolidWasteGenerationRate	146.00	448.50
tblSolidWaste	SolidWasteGenerationRate	31.62	97.10
tblSolidWaste	SolidWasteGenerationRate	1,753.20	5,385.30
tblSolidWaste	SolidWasteGenerationRate	464.10	1,425.60
tblVehicleTrips	CC_TL	7.30	6.56
tblVehicleTrips	CC_TL	7.30	6.56

tblVehicleTrips	CC_TL	7.30	6.56
tblVehicleTrips	CNW_TL	7.30	6.56
tblVehicleTrips	CNW_TL	7.30	6.56
tblVehicleTrips	CNW_TL	7.30	6.56
tblVehicleTrips	CW_TL	9.50	6.56
tblVehicleTrips	CW_TL	9.50	6.56
tblVehicleTrips	CW_TL	9.50	6.56
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	HO_TL	7.50	6.56
tblVehicleTrips	HO_TL	7.50	6.56
tblVehicleTrips	HS_TL	7.30	6.56
tblVehicleTrips	HS_TL	7.30	6.56
tblVehicleTrips	HW_TL	10.80	6.56
tblVehicleTrips	HW_TL	10.80	6.56
tblVehicleTrips	PB_TP	3.00	19.30
tblVehicleTrips	PB_TP	12.00	19.30
tblVehicleTrips	PB_TP	4.00	19.30
tblVehicleTrips	PB_TP	3.00	19.30
tblVehicleTrips	PB_TP	15.00	19.30
tblVehicleTrips	PR_TP	86.00	80.70
tblVehicleTrips	PR_TP	63.00	80.70
tblVehicleTrips	PR_TP	77.00	80.70
tblVehicleTrips	PR_TP	86.00	80.70
tblVehicleTrips	PR_TP	45.00	80.70

tblVehicleTrips	ST_TR	7.16	6.65
tblVehicleTrips	ST_TR	2.37	11.03
tblVehicleTrips	ST_TR	10.08	9.52
tblVehicleTrips	ST_TR	42.04	42.70
tblVehicleTrips	SU_TR	6.07	6.65
tblVehicleTrips	SU_TR	0.98	11.03
tblVehicleTrips	SU_TR	8.77	9.52
tblVehicleTrips	SU_TR	20.43	42.70
tblVehicleTrips	WD_TR	6.59	6.65
tblVehicleTrips	WD_TR	11.01	11.03
tblVehicleTrips	WD_TR	9.57	9.52
tblVehicleTrips	WD_TR	44.32	42.70
tblWater	IndoorWaterUseRate	63,981,253.16	46,591,087.37
tblWater	IndoorWaterUseRate	1,939,392.00	7,566,994.30
tblWater	IndoorWaterUseRate	6,042,947.43	2,423,546.28
tblWater	IndoorWaterUseRate	120,209,177.27	197,026,066.55
tblWater	IndoorWaterUseRate	32,740,054.50	78,379,813.95
tblWater	OutdoorWaterUseRate	40,336,007.43	27,312,016.73
tblWater	OutdoorWaterUseRate	4,987,008.00	4,815,360.01
tblWater	OutdoorWaterUseRate	3,703,741.97	1,530,660.81
tblWater	OutdoorWaterUseRate	75,784,046.54	115,498,039.01
tblWater	OutdoorWaterUseRate	20,066,485.01	8,708,868.22
tblWaterMitigation	UseWaterEfficientIrrigationSystemPercentReduction	6.1	20
tblWoodstoves	NumberCatalytic	49.10	0.00
tblWoodstoves	NumberCatalytic	92.25	0.00
tblWoodstoves	NumberNoncatalytic	49.10	0.00
tblWoodstoves	NumberNoncatalytic	92.25	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00

tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2017	50.7974	209.5157	245.6091	0.3886	45.2079	9.6108	54.8187	18.0698	8.8759	26.9457	0.0000	35,916.8144	35,916.8144	5.1129	0.0000	36,024.1857
2018	85.4748	186.2544	238.3874	0.4194	47.7705	8.3155	56.0860	18.7495	7.6926	26.4421	0.0000	37,508.3550	37,508.3550	5.1758	0.0000	37,617.0456
2019	70.9552	58.0347	135.7525	0.2912	17.9921	1.9547	19.9467	4.8258	1.8352	6.6610	0.0000	24,104.7924	24,104.7924	1.2500	0.0000	24,131.0413
2020	69.0790	51.0221	129.1883	0.2910	17.9924	1.7167	19.7091	4.8259	1.6115	6.4374	0.0000	23,374.8202	23,374.8202	1.2077	0.0000	23,400.1813
2021	66.3506	44.1350	122.4813	0.2908	17.9928	1.5019	19.4946	4.8261	1.4093	6.2354	0.0000	23,162.5956	23,162.5956	1.1760	0.0000	23,187.2924
2022	65.0129	39.5333	118.1775	0.2907	17.9931	1.3346	19.3277	4.8262	1.2520	6.0782	0.0000	22,976.5382	22,976.5382	1.1532	0.0000	23,000.7562
2023	63.8101	36.0941	114.1075	0.2905	17.9933	1.1977	19.1910	4.8263	1.1230	5.9493	0.0000	22,803.7565	22,803.7565	1.1276	0.0000	22,827.4351
2024	62.6115	34.6483	110.7883	0.2905	17.9938	1.1039	19.0977	4.8265	1.0339	5.8604	0.0000	22,663.3148	22,663.3148	1.1090	0.0000	22,686.6044
2025	61.8246	59.3289	108.3377	0.2905	29.0100	2.6298	31.6398	13.8408	2.4195	16.2603	0.0000	22,541.1153	22,541.1153	3.8722	0.0000	22,622.4311
2026	93.7913	92.2317	177.9301	0.4185	47.0043	3.6417	50.6460	18.6675	3.3662	22.0337	0.0000	34,680.1767	34,680.1767	4.9557	0.0000	34,784.2456
2027	90.4625	68.3743	150.9950	0.3777	28.7904	2.6130	31.4034	8.6977	2.4198	11.1175	0.0000	30,687.0048	30,687.0048	3.7159	0.0000	30,765.0389

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2028	85.7463	32.3590	103.1786	0.2904	17.9946	1.0145	19.0091	4.8268	0.9492	5.7760	0.0000	22,262.7513	22,262.7513	1.0673	0.0000	22,285.1641
2029	85.0987	32.1304	101.7991	0.2904	17.9948	1.0153	19.0101	4.8269	0.9500	5.7768	0.0000	22,195.3530	22,195.3530	1.0599	0.0000	22,217.6100
2030	84.5020	59.4624	152.2435	0.4055	47.7980	1.8123	49.6103	18.3503	1.7790	20.1293	0.0000	34,992.5075	34,992.5075	1.1337	0.0000	35,016.3146
2031	99.4537	46.1960	134.1034	0.3639	32.0239	1.3904	33.1284	9.0276	1.3572	10.0977	0.0000	30,344.6814	30,344.6814	0.9075	0.0000	30,363.7398
2032	95.2976	26.7349	98.3843	0.2944	17.9953	0.6085	18.6038	4.8271	0.5741	5.4012	0.0000	22,391.6651	22,391.6651	0.5559	0.0000	22,403.3388
2033	94.7092	26.5652	97.5001	0.2944	17.9955	0.6089	18.6044	4.8272	0.5745	5.4016	0.0000	22,360.0262	22,360.0262	0.5514	0.0000	22,371.6059
2034	94.2785	26.4297	96.7555	0.2944	17.9956	0.6090	18.6046	4.8272	0.5746	5.4018	0.0000	22,333.3635	22,333.3635	0.5472	0.0000	22,344.8545
Total	**1,419.2559**	**1,129.0500**	**2,435.7191**	**5.8725**	**475.5382**	**42.6790**	**517.9313**	**158.4951**	**39.7973**	**198.0053**	**0.0000**	**477,299.6318**	**477,299.6318**	**35.6787**	**0.0000**	**478,048.8853**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2017	41.2866	138.1278	226.2865	0.3885	29.0690	3.7822	32.8512	10.4752	3.6944	14.1696	0.0000	35,902.8350	35,902.8350	5.1088	0.0000	36,010.1194
2018	77.3166	130.8049	224.3261	0.4192	31.6317	3.4996	35.1313	11.1549	3.4370	14.5919	0.0000	37,494.3279	37,494.3279	5.1716	0.0000	37,602.9314
2019	69.3462	50.6851	136.7309	0.2912	17.9921	1.0202	19.0123	4.8258	0.9896	5.8154	0.0000	24,102.1665	24,102.1665	1.2494	0.0000	24,128.4028
2020	67.6916	45.6523	130.4484	0.2910	17.9924	0.9594	18.9518	4.8259	0.9328	5.7587	0.0000	23,372.2294	23,372.2294	1.2071	0.0000	23,397.5781
2021	65.1652	40.6035	123.9779	0.2908	17.9928	0.9067	18.8994	4.8261	0.8833	5.7094	0.0000	23,160.0046	23,160.0046	1.1755	0.0000	23,184.6891

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	64.0099	37.8780	119.8651	0.2906	17.9931	0.8908	18.8838	4.8262	0.8679	5.6941	0.0000	22,973.9462	22,973.9462	1.1527	0.0000	22,998.1521
2023	62.9308	35.7258	115.8980	0.2905	17.9933	0.8650	18.8583	4.8263	0.8435	5.6698	0.0000	22,801.1637	22,801.1637	1.1270	0.0000	22,824.8304
2024	61.8253	35.2596	112.6416	0.2904	17.9938	0.8596	18.8534	4.8265	0.8380	5.6644	0.0000	22,660.7216	22,660.7216	1.1085	0.0000	22,683.9993
2025	61.1360	57.4719	110.2614	0.2904	17.9942	1.6281	18.8495	6.2919	1.6633	7.9552	0.0000	22,538.5214	22,538.5214	3.8686	0.0000	22,619.7628
2026	90.4051	91.9884	180.9518	0.4183	31.2883	2.4840	33.7723	11.1186	2.4974	13.6159	0.0000	34,666.6321	34,666.6321	4.9516	0.0000	34,770.6149
2027	88.6339	72.2161	155.5258	0.3776	23.0108	2.0450	25.0558	6.6106	1.9936	8.6042	0.0000	30,676.9409	30,676.9409	3.7129	0.0000	30,754.9124
2028	85.0578	33.9727	105.1023	0.2904	17.9946	0.8586	18.8532	4.8268	0.8365	5.6633	0.0000	22,260.1573	22,260.1573	1.0667	0.0000	22,282.5583
2029	84.4101	33.7442	103.7228	0.2904	17.9948	0.8594	18.8542	4.8269	0.8373	5.6642	0.0000	22,192.7591	22,192.7591	1.0593	0.0000	22,215.0043
2030	83.8551	82.3846	164.4821	0.4054	30.2361	2.1522	32.3882	10.6020	2.2173	12.8194	0.0000	34,976.7684	34,976.7684	1.1330	0.0000	35,000.5612
2031	97.8997	62.7375	139.9053	0.3638	24.3984	1.7121	25.8522	6.7413	1.7126	8.1943	0.0000	30,333.0764	30,333.0764	0.9071	0.0000	30,352.1246
2032	94.6508	32.9826	100.1899	0.2943	17.9953	0.8368	18.8320	4.8271	0.8145	5.6416	0.0000	22,388.7602	22,388.7602	0.5558	0.0000	22,400.4315
2033	94.0623	32.8129	99.3057	0.2943	17.9955	0.8371	18.8326	4.8272	0.8148	5.6420	0.0000	22,357.1213	22,357.1213	0.5513	0.0000	22,368.6986
2034	93.6316	32.6775	98.5611	0.2943	17.9956	0.8373	18.8329	4.8272	0.8150	5.6422	0.0000	22,330.4586	22,330.4586	0.5471	0.0000	22,341.9472
Total	**1,383.3143**	**1,047.7253**	**2,448.1826**	**5.8714**	**385.5617**	**27.0339**	**411.5646**	**116.0864**	**26.6885**	**142.5154**	**0.0000**	**477,188.5906**	**477,188.5906**	**35.6537**	**0.0000**	**477,937.3184**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**2.53**	**7.20**	**-0.51**	**0.02**	**18.92**	**36.66**	**20.54**	**26.76**	**32.94**	**28.02**	**0.00**	**0.02**	**0.02**	**0.07**	**0.00**	**0.02**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	171.2763	2.7078	234.2352	0.0123		2.5251	2.5251		2.5121	2.5121	0.0000	19,966.1191	19,966.1191	0.7849	0.3583	20,093.6873
Energy	2.2447	19.2926	8.9728	0.1224		1.5509	1.5509		1.5509	1.5509		24,487.7458	24,487.7458	0.4694	0.4489	24,636.7741
Mobile	326.2273	287.1992	1,319.4968	2.6425	182.1652	3.9268	186.0919	48.6697	3.6190	52.2887		206,412.5312	206,412.5312	6.9080		206,557.5995
Total	**499.7483**	**309.1996**	**1,562.7048**	**2.7772**	**182.1652**	**8.0028**	**190.1679**	**48.6697**	**7.6820**	**56.3517**	**0.0000**	**250,866.3960**	**250,866.3960**	**8.1622**	**0.8073**	**251,288.0608**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	144.1242	2.6621	229.7288	0.0120		2.4987	2.4987		2.4856	2.4856	0.0000	19,956.0215	19,956.0215	0.7692	0.3583	20,083.2597
Energy	1.7784	15.2810	7.0808	0.0970		1.2287	1.2287		1.2287	1.2287		19,400.7404	19,400.7404	0.3719	0.3557	19,518.8101
Mobile	312.5166	276.1225	1,288.2968	2.5164	173.0516	3.7499	176.8015	46.2348	3.4561	49.6909		196,534.1330	196,534.1330	6.6114		196,672.9721
Total	**458.4192**	**294.0655**	**1,525.1063**	**2.6254**	**173.0516**	**7.4773**	**180.5289**	**46.2348**	**7.1704**	**53.4052**	**0.0000**	**235,890.8949**	**235,890.8949**	**7.7524**	**0.7140**	**236,275.0419**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**8.27**	**4.89**	**2.41**	**5.47**	**5.00**	**6.57**	**5.07**	**5.00**	**6.66**	**5.23**	**0.00**	**5.97**	**5.97**	**5.02**	**11.55**	**5.97**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation Phase I	Site Preparation	1/1/2017	6/1/2018	5	370	
2	Grading Phase I	Grading	2/15/2017	8/15/2018	5	391	
3	Paving Phase I	Paving	4/15/2017	10/15/2018	5	391	
4	Building Construction Phase I	Building Construction	6/1/2017	5/15/2025	5	2076	
5	Architectural Coating Phase I	Architectural Coating	2/1/2018	5/30/2025	5	1912	
6	Site Preparation Phase II	Site Preparation	6/1/2025	5/15/2026	5	250	
7	Grading Phase II	Grading	7/15/2025	4/15/2027	5	458	
8	Paving Phase II	Paving	9/15/2025	3/15/2027	5	391	
9	Building Construction Phase II	Building Construction	3/15/2026	5/15/2030	5	1088	
10	Architectural Coating Phase II	Architectural Coating	3/15/2026	5/30/2030	5	1099	
11	Site Preparation Phase III	Site Preparation	6/1/2030	12/1/2030	5	130	
12	Grading Phase III	Grading	7/15/2030	7/15/2031	5	262	
13	Paving Phase III	Paving	9/15/2030	3/15/2031	5	130	
14	Building Construction Phase III	Building Construction	12/1/2030	12/15/2034	5	1055	
15	Architectural Coating Phase III	Architectural Coating	7/1/2031	12/30/2034	5	914	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 9,954,900; Residential Outdoor: 3,318,300; Non-Residential Indoor: 840,000; Non-Residential Outdoor: 280,000

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation Phase I	Rubber Tired Dozers	3	8.00	255	0.40
Site Preparation Phase I	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading Phase I	Excavators	2	8.00	162	0.38
Grading Phase I	Graders	1	8.00	174	0.41
Grading Phase I	Rubber Tired Dozers	1	8.00	255	0.40
Grading Phase I	Scrapers	2	8.00	361	0.48
Grading Phase I	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving Phase I	Pavers	2	8.00	125	0.42
Paving Phase I	Paving Equipment	2	8.00	130	0.36
Paving Phase I	Rollers	2	8.00	80	0.38
Building Construction Phase I	Cranes	1	7.00	226	0.29
Building Construction Phase I	Forklifts	3	8.00	89	0.20
Building Construction Phase I	Generator Sets	1	8.00	84	0.74
Building Construction Phase I	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction Phase I	Welders	1	8.00	46	0.45
Architectural Coating Phase I	Air Compressors	1	6.00	78	0.48
Site Preparation Phase II	Rubber Tired Dozers	3	8.00	255	0.40
Site Preparation Phase II	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading Phase II	Excavators	2	8.00	162	0.38
Grading Phase II	Graders	1	8.00	174	0.41
Grading Phase II	Rubber Tired Dozers	1	8.00	255	0.40
Grading Phase II	Scrapers	2	8.00	361	0.48
Grading Phase II	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving Phase II	Pavers	2	8.00	125	0.42

Paving Phase II	Paving Equipment	2	8.00	130	0.36
Paving Phase II	Rollers	2	8.00	80	0.38
Building Construction Phase II	Cranes	1	7.00	226	0.29
Building Construction Phase II	Forklifts	3	8.00	89	0.20
Building Construction Phase II	Generator Sets	1	8.00	84	0.74
Building Construction Phase II	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction Phase II	Welders	1	8.00	46	0.45
Architectural Coating Phase II	Air Compressors	1	6.00	78	0.48
Site Preparation Phase III	Rubber Tired Dozers	3	8.00	255	0.40
Site Preparation Phase III	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading Phase III	Excavators	2	8.00	162	0.38
Grading Phase III	Graders	1	8.00	174	0.41
Grading Phase III	Rubber Tired Dozers	1	8.00	255	0.40
Grading Phase III	Scrapers	2	8.00	361	0.48
Grading Phase III	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving Phase III	Pavers	2	8.00	125	0.42
Paving Phase III	Paving Equipment	2	8.00	130	0.36
Paving Phase III	Rollers	2	8.00	80	0.38
Building Construction Phase III	Cranes	1	7.00	226	0.29
Building Construction Phase III	Forklifts	3	8.00	89	0.20
Building Construction Phase III	Generator Sets	1	8.00	84	0.74
Building Construction Phase III	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction Phase III	Welders	1	8.00	46	0.45
Architectural Coating Phase III	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation Phase I	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading Phase I	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving Phase I	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction Phase I	9	1,559.00	394.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating Phase I	1	312.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation Phase II	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading Phase II	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving Phase II	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction Phase II	9	1,559.00	394.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating Phase II	1	312.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation Phase III	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading Phase III	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving Phase III	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction Phase III	9	1,559.00	394.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating Phase III	1	312.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation Phase I - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.8382	51.7535	39.3970	0.0391		2.7542	2.7542		2.5339	2.5339		4,003.0859	4,003.0859	1.2265		4,028.8432
Total	**4.8382**	**51.7535**	**39.3970**	**0.0391**	**18.0663**	**2.7542**	**20.8205**	**9.9307**	**2.5339**	**12.4646**		**4,003.0859**	**4,003.0859**	**1.2265**		**4,028.8432**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2795	0.0712	0.6754	1.6200e-003	0.1479	9.5000e-004	0.1488	0.0392	8.7000e-004	0.0401		128.0841	128.0841	5.9300e-003		128.2087
Total	**0.2795**	**0.0712**	**0.6754**	**1.6200e-003**	**0.1479**	**9.5000e-004**	**0.1488**	**0.0392**	**8.7000e-004**	**0.0401**		**128.0841**	**128.0841**	**5.9300e-003**		**128.2087**

3.2 Site Preparation Phase I - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	0.9506	19.4406	23.3788	0.0391		0.4396	0.4396		0.5043	0.5043	0.0000	3,999.4133	3,999.4133	1.2254		4,025.1470
Total	**0.9506**	**19.4406**	**23.3788**	**0.0391**	**8.1298**	**0.4396**	**8.5694**	**4.4688**	**0.5043**	**4.9731**	**0.0000**	**3,999.4133**	**3,999.4133**	**1.2254**		**4,025.1470**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2795	0.0712	0.6754	1.6200e-003	0.1479	9.5000e-004	0.1488	0.0392	8.7000e-004	0.0401		128.0841	128.0841	5.9300e-003		128.2087
Total	**0.2795**	**0.0712**	**0.6754**	**1.6200e-003**	**0.1479**	**9.5000e-004**	**0.1488**	**0.0392**	**8.7000e-004**	**0.0401**		**128.0841**	**128.0841**	**5.9300e-003**		**128.2087**

3.2 Site Preparation Phase I - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.2921	45.6088	36.2346	0.0391		2.3654	2.3654		2.1762	2.1762		3,939.7731	3,939.7731	1.2265		3,965.5297
Total	**4.2921**	**45.6088**	**36.2346**	**0.0391**	**18.0663**	**2.3654**	**20.4317**	**9.9307**	**2.1762**	**12.1069**		**3,939.7731**	**3,939.7731**	**1.2265**		**3,965.5297**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2572	0.0637	0.5948	1.6200e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		123.2200	123.2200	5.4400e-003		123.3343
Total	**0.2572**	**0.0637**	**0.5948**	**1.6200e-003**	**0.1479**	**9.3000e-004**	**0.1488**	**0.0392**	**8.6000e-004**	**0.0401**		**123.2200**	**123.2200**	**5.4400e-003**		**123.3343**

3.2 Site Preparation Phase I - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	0.9506	19.4406	23.3788	0.0391		0.4396	0.4396		0.5043	0.5043	0.0000	3,936.1586	3,936.1586	1.2254		3,961.8916
Total	**0.9506**	**19.4406**	**23.3788**	**0.0391**	**8.1298**	**0.4396**	**8.5694**	**4.4688**	**0.5043**	**4.9731**	**0.0000**	**3,936.1586**	**3,936.1586**	**1.2254**		**3,961.8916**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2572	0.0637	0.5948	1.6200e-003	0.1479	9.3000e-004	0.1488	0.0392	8.6000e-004	0.0401		123.2200	123.2200	5.4400e-003		123.3343
Total	**0.2572**	**0.0637**	**0.5948**	**1.6200e-003**	**0.1479**	**9.3000e-004**	**0.1488**	**0.0392**	**8.6000e-004**	**0.0401**		**123.2200**	**123.2200**	**5.4400e-003**		**123.3343**

3.3 Grading Phase I - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					11.2771	0.0000	11.2771	3.8777	0.0000	3.8777			0.0000			0.0000
Off-Road	6.0991	69.5920	46.8050	0.0617		3.3172	3.3172		3.0518	3.0518		6,313.3690	6,313.3690	1.9344		6,353.9915
Total	**6.0991**	**69.5920**	**46.8050**	**0.0617**	**11.2771**	**3.3172**	**14.5943**	**3.8777**	**3.0518**	**6.9295**		**6,313.3690**	**6,313.3690**	**1.9344**		**6,353.9915**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3106	0.0791	0.7505	1.8000e-003	0.1643	1.0500e-003	0.1654	0.0436	9.7000e-004	0.0446		142.3157	142.3157	6.5900e-003		142.4541
Total	**0.3106**	**0.0791**	**0.7505**	**1.8000e-003**	**0.1643**	**1.0500e-003**	**0.1654**	**0.0436**	**9.7000e-004**	**0.0446**		**142.3157**	**142.3157**	**6.5900e-003**		**142.4541**

3.3 Grading Phase I - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.0747	0.0000	5.0747	1.7449	0.0000	1.7449			0.0000			0.0000
Off-Road	3.3745	48.1916	42.4090	0.0617		1.6806	1.6806		1.5975	1.5975	0.0000	6,307.5768	6,307.5768	1.9326		6,348.1621
Total	**3.3745**	**48.1916**	**42.4090**	**0.0617**	**5.0747**	**1.6806**	**6.7553**	**1.7449**	**1.5975**	**3.3425**	**0.0000**	**6,307.5768**	**6,307.5768**	**1.9326**		**6,348.1621**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3106	0.0791	0.7505	1.8000e-003	0.1643	1.0500e-003	0.1654	0.0436	9.7000e-004	0.0446		142.3157	142.3157	6.5900e-003		142.4541
Total	**0.3106**	**0.0791**	**0.7505**	**1.8000e-003**	**0.1643**	**1.0500e-003**	**0.1654**	**0.0436**	**9.7000e-004**	**0.0446**		**142.3157**	**142.3157**	**6.5900e-003**		**142.4541**

3.3 Grading Phase I - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					11.2771	0.0000	11.2771	3.8777	0.0000	3.8777			0.0000			0.0000
Off-Road	5.2895	59.5338	42.3068	0.0617		2.7880	2.7880		2.5650	2.5650		6,212.8042	6,212.8042	1.9341		6,253.4209
Total	**5.2895**	**59.5338**	**42.3068**	**0.0617**	**11.2771**	**2.7880**	**14.0651**	**3.8777**	**2.5650**	**6.4426**		**6,212.8042**	**6,212.8042**	**1.9341**		**6,253.4209**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2858	0.0708	0.6609	1.8000e-003	0.1643	1.0300e-003	0.1653	0.0436	9.6000e-004	0.0445		136.9112	136.9112	6.0400e-003		137.0381
Total	**0.2858**	**0.0708**	**0.6609**	**1.8000e-003**	**0.1643**	**1.0300e-003**	**0.1653**	**0.0436**	**9.6000e-004**	**0.0445**		**136.9112**	**136.9112**	**6.0400e-003**		**137.0381**

3.3 Grading Phase I - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.0747	0.0000	5.0747	1.7449	0.0000	1.7449			0.0000			0.0000
Off-Road	3.0329	43.4784	39.3014	0.0617		1.4714	1.4714		1.4051	1.4051	0.0000	6,207.1042	6,207.1042	1.9324		6,247.6837
Total	**3.0329**	**43.4784**	**39.3014**	**0.0617**	**5.0747**	**1.4714**	**6.5462**	**1.7449**	**1.4051**	**3.1500**	**0.0000**	**6,207.1042**	**6,207.1042**	**1.9324**		**6,247.6837**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2858	0.0708	0.6609	1.8000e-003	0.1643	1.0300e-003	0.1653	0.0436	9.6000e-004	0.0445		136.9112	136.9112	6.0400e-003		137.0381
Total	**0.2858**	**0.0708**	**0.6609**	**1.8000e-003**	**0.1643**	**1.0300e-003**	**0.1653**	**0.0436**	**9.6000e-004**	**0.0445**		**136.9112**	**136.9112**	**6.0400e-003**		**137.0381**

3.4 Paving Phase I - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473		2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.9074**	**20.2964**	**14.7270**	**0.0223**		**1.1384**	**1.1384**		**1.0473**	**1.0473**		**2,281.0588**	**2,281.0588**	**0.6989**		**2,295.7360**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2329	0.0593	0.5629	1.3500e-003	0.1232	7.9000e-004	0.1240	0.0327	7.3000e-004	0.0334		106.7368	106.7368	4.9400e-003		106.8406
Total	**0.2329**	**0.0593**	**0.5629**	**1.3500e-003**	**0.1232**	**7.9000e-004**	**0.1240**	**0.0327**	**7.3000e-004**	**0.0334**		**106.7368**	**106.7368**	**4.9400e-003**		**106.8406**

3.4 Paving Phase I - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0460	14.8160	15.7332	0.0223		0.5744	0.5744		0.5427	0.5427	0.0000	2,278.9661	2,278.9661	0.6983		2,293.6297
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0460**	**14.8160**	**15.7332**	**0.0223**		**0.5744**	**0.5744**		**0.5427**	**0.5427**	**0.0000**	**2,278.9661**	**2,278.9661**	**0.6983**		**2,293.6297**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2329	0.0593	0.5629	1.3500e-003	0.1232	7.9000e-004	0.1240	0.0327	7.3000e-004	0.0334		106.7368	106.7368	4.9400e-003		106.8406
Total	**0.2329**	**0.0593**	**0.5629**	**1.3500e-003**	**0.1232**	**7.9000e-004**	**0.1240**	**0.0327**	**7.3000e-004**	**0.0334**		**106.7368**	**106.7368**	**4.9400e-003**		**106.8406**

3.4 Paving Phase I - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635		2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6114**	**17.1628**	**14.4944**	**0.0223**		**0.9386**	**0.9386**		**0.8635**	**0.8635**		**2,245.2695**	**2,245.2695**	**0.6990**		**2,259.9481**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2144	0.0531	0.4957	1.3500e-003	0.1232	7.8000e-004	0.1240	0.0327	7.2000e-004	0.0334		102.6834	102.6834	4.5300e-003		102.7786
Total	**0.2144**	**0.0531**	**0.4957**	**1.3500e-003**	**0.1232**	**7.8000e-004**	**0.1240**	**0.0327**	**7.2000e-004**	**0.0334**		**102.6834**	**102.6834**	**4.5300e-003**		**102.7786**

3.4 Paving Phase I - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9532	13.6949	15.6894	0.0223		0.5168	0.5168		0.4897	0.4897	0.0000	2,243.2096	2,243.2096	0.6983		2,257.8747
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9532**	**13.6949**	**15.6894**	**0.0223**		**0.5168**	**0.5168**		**0.4897**	**0.4897**	**0.0000**	**2,243.2096**	**2,243.2096**	**0.6983**		**2,257.8747**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2144	0.0531	0.4957	1.3500e-003	0.1232	7.8000e-004	0.1240	0.0327	7.2000e-004	0.0334		102.6834	102.6834	4.5300e-003		102.7786
Total	**0.2144**	**0.0531**	**0.4957**	**1.3500e-003**	**0.1232**	**7.8000e-004**	**0.1240**	**0.0327**	**7.2000e-004**	**0.0334**		**102.6834**	**102.6834**	**4.5300e-003**		**102.7786**

3.5 Building Construction Phase I - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730		2,639.8053	2,639.8053	0.6497		2,653.4490
Total	**3.1024**	**26.4057**	**18.1291**	**0.0268**		**1.7812**	**1.7812**		**1.6730**	**1.6730**		**2,639.8053**	**2,639.8053**	**0.6497**		**2,653.4490**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.8194	35.0948	66.0627	0.0937	2.6223	0.5349	3.1572	0.7490	0.4918	1.2408		9,208.8499	9,208.8499	0.0720		9,210.3621
Worker	24.2079	6.1638	58.4994	0.1403	12.8068	0.0821	12.8889	3.3970	0.0755	3.4725		11,093.5088	11,093.5088	0.5139		11,104.3005
Total	**34.0273**	**41.2587**	**124.5621**	**0.2340**	**15.4291**	**0.6169**	**16.0461**	**4.1460**	**0.5673**	**4.7133**		**20,302.3588**	**20,302.3588**	**0.5859**		**20,314.6626**

3.5 Building Construction Phase I - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0653	14.2115	18.2147	0.0268		0.4678	0.4678		0.4800	0.4800	0.0000	2,637.3834	2,637.3834	0.6491		2,651.0146
Total	**1.0653**	**14.2115**	**18.2147**	**0.0268**		**0.4678**	**0.4678**		**0.4800**	**0.4800**	**0.0000**	**2,637.3834**	**2,637.3834**	**0.6491**		**2,651.0146**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.8194	35.0948	66.0627	0.0937	2.6223	0.5349	3.1572	0.7490	0.4918	1.2408		9,208.8499	9,208.8499	0.0720		9,210.3621
Worker	24.2079	6.1638	58.4994	0.1403	12.8068	0.0821	12.8889	3.3970	0.0755	3.4725		11,093.5088	11,093.5088	0.5139		11,104.3005
Total	**34.0273**	**41.2587**	**124.5621**	**0.2340**	**15.4291**	**0.6169**	**16.0461**	**4.1460**	**0.5673**	**4.7133**		**20,302.3588**	**20,302.3588**	**0.5859**		**20,314.6626**

3.5 Building Construction Phase I - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6687	23.2608	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048		2,609.9390	2,609.9390	0.6387		2,623.3517
Total	**2.6687**	**23.2608**	**17.5327**	**0.0268**		**1.4943**	**1.4943**		**1.4048**	**1.4048**		**2,609.9390**	**2,609.9390**	**0.6387**		**2,623.3517**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.9271	31.8752	62.3884	0.0934	2.6220	0.4791	3.1011	0.7489	0.4407	1.1895		9,048.2682	9,048.2682	0.0692		9,049.7219
Worker	22.2796	5.5159	51.5153	0.1402	12.8068	0.0806	12.8874	3.3970	0.0745	3.4714		10,672.2241	10,672.2241	0.4712		10,682.1182
Total	**31.2067**	**37.3911**	**113.9038**	**0.2336**	**15.4288**	**0.5597**	**15.9885**	**4.1458**	**0.5151**	**4.6610**		**19,720.4922**	**19,720.4922**	**0.5404**		**19,731.8401**

3.5 Building Construction Phase I - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0062	14.1528	18.1611	0.0268		0.4536	0.4536		0.4657	0.4657	0.0000	2,607.5445	2,607.5445	0.6381		2,620.9449
Total	**1.0062**	**14.1528**	**18.1611**	**0.0268**		**0.4536**	**0.4536**		**0.4657**	**0.4657**	**0.0000**	**2,607.5445**	**2,607.5445**	**0.6381**		**2,620.9449**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.9271	31.8752	62.3884	0.0934	2.6220	0.4791	3.1011	0.7489	0.4407	1.1895		9,048.2682	9,048.2682	0.0692		9,049.7219
Worker	22.2796	5.5159	51.5153	0.1402	12.8068	0.0806	12.8874	3.3970	0.0745	3.4714		10,672.2241	10,672.2241	0.4712		10,682.1182
Total	**31.2067**	**37.3911**	**113.9038**	**0.2336**	**15.4288**	**0.5597**	**15.9885**	**4.1458**	**0.5151**	**4.6610**		**19,720.4922**	**19,720.4922**	**0.5404**		**19,731.8401**

3.5 Building Construction Phase I - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083		2,580.7618	2,580.7618	0.6279		2,593.9479
Total	**2.3516**	**20.9650**	**17.1204**	**0.0268**		**1.2850**	**1.2850**		**1.2083**	**1.2083**		**2,580.7618**	**2,580.7618**	**0.6279**		**2,593.9479**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.2213	29.1723	60.3489	0.0933	2.6223	0.4443	3.0665	0.7490	0.4086	1.1576		8,895.8554	8,895.8554	0.0674		8,897.2706
Worker	21.0181	5.0511	47.0300	0.1401	12.8068	0.0805	12.8873	3.3970	0.0746	3.4715		10,287.8395	10,287.8395	0.4424		10,297.1288
Total	**29.2394**	**34.2234**	**107.3788**	**0.2334**	**15.4291**	**0.5248**	**15.9538**	**4.1459**	**0.4832**	**4.6292**		**19,183.6949**	**19,183.6949**	**0.5097**		**19,194.3994**

3.5 Building Construction Phase I - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9496	14.0951	18.1093	0.0268		0.4398	0.4398		0.4519	0.4519	0.0000	2,578.3941	2,578.3941	0.6273		2,591.5681
Total	**0.9496**	**14.0951**	**18.1093**	**0.0268**		**0.4398**	**0.4398**		**0.4519**	**0.4519**	**0.0000**	**2,578.3941**	**2,578.3941**	**0.6273**		**2,591.5681**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.2213	29.1723	60.3489	0.0933	2.6223	0.4443	3.0665	0.7490	0.4086	1.1576		8,895.8554	8,895.8554	0.0674		8,897.2706
Worker	21.0181	5.0511	47.0300	0.1401	12.8068	0.0805	12.8873	3.3970	0.0746	3.4715		10,287.8395	10,287.8395	0.4424		10,297.1288
Total	**29.2394**	**34.2234**	**107.3788**	**0.2334**	**15.4291**	**0.5248**	**15.9538**	**4.1459**	**0.4832**	**4.6292**		**19,183.6949**	**19,183.6949**	**0.5097**		**19,194.3994**

3.5 Building Construction Phase I - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880
Total	**2.1113**	**19.0839**	**16.8084**	**0.0268**		**1.1128**	**1.1128**		**1.0465**	**1.0465**		**2,542.4799**	**2,542.4799**	**0.6194**		**2,555.4880**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.8838	24.6576	58.6989	0.0932	2.6226	0.3961	3.0186	0.7491	0.3643	1.1134		8,694.2403	8,694.2403	0.0651		8,695.6070
Worker	19.9565	4.6634	43.2034	0.1400	12.8068	0.0807	12.8875	3.3970	0.0748	3.4718		9,879.4871	9,879.4871	0.4178		9,888.2600
Total	**27.8403**	**29.3211**	**101.9023**	**0.2332**	**15.4294**	**0.4767**	**15.9061**	**4.1461**	**0.4391**	**4.5852**		**18,573.7274**	**18,573.7274**	**0.4828**		**18,583.8670**

3.5 Building Construction Phase I - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9066	14.0422	18.0692	0.0268		0.4270	0.4270		0.4391	0.4391	0.0000	2,540.1473	2,540.1473	0.6189		2,553.1435
Total	**0.9066**	**14.0422**	**18.0692**	**0.0268**		**0.4270**	**0.4270**		**0.4391**	**0.4391**	**0.0000**	**2,540.1473**	**2,540.1473**	**0.6189**		**2,553.1435**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.8838	24.6576	58.6989	0.0932	2.6226	0.3961	3.0186	0.7491	0.3643	1.1134		8,694.2403	8,694.2403	0.0651		8,695.6070
Worker	19.9565	4.6634	43.2034	0.1400	12.8068	0.0807	12.8875	3.3970	0.0748	3.4718		9,879.4871	9,879.4871	0.4178		9,888.2600
Total	**27.8403**	**29.3211**	**101.9023**	**0.2332**	**15.4294**	**0.4767**	**15.9061**	**4.1461**	**0.4391**	**4.5852**		**18,573.7274**	**18,573.7274**	**0.4828**		**18,583.8670**

3.5 Building Construction Phase I - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.7817	2,542.7817	0.6126		2,555.6462
Total	**1.8931**	**17.3403**	**16.5376**	**0.0268**		**0.9549**	**0.9549**		**0.8979**	**0.8979**		**2,542.7817**	**2,542.7817**	**0.6126**		**2,555.6462**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.4066	20.0201	55.5103	0.0930	2.6229	0.3552	2.9781	0.7493	0.3268	1.0760		8,679.2328	8,679.2328	0.0647		8,680.5917
Worker	19.1151	4.3728	40.5089	0.1400	12.8068	0.0814	12.8883	3.3970	0.0755	3.4725		9,714.9056	9,714.9056	0.3995		9,723.2946
Total	**25.5217**	**24.3928**	**96.0192**	**0.2330**	**15.4298**	**0.4366**	**15.8663**	**4.1462**	**0.4023**	**4.5485**		**18,394.1384**	**18,394.1384**	**0.4642**		**18,403.8863**

3.5 Building Construction Phase I - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8672	13.9799	18.0210	0.0268		0.4142	0.4142		0.4263	0.4263	0.0000	2,540.4489	2,540.4489	0.6120		2,553.3015
Total	**0.8672**	**13.9799**	**18.0210**	**0.0268**		**0.4142**	**0.4142**		**0.4263**	**0.4263**	**0.0000**	**2,540.4489**	**2,540.4489**	**0.6120**		**2,553.3015**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.4066	20.0201	55.5103	0.0930	2.6229	0.3552	2.9781	0.7493	0.3268	1.0760		8,679.2328	8,679.2328	0.0647		8,680.5917
Worker	19.1151	4.3728	40.5089	0.1400	12.8068	0.0814	12.8883	3.3970	0.0755	3.4725		9,714.9056	9,714.9056	0.3995		9,723.2946
Total	**25.5217**	**24.3928**	**96.0192**	**0.2330**	**15.4298**	**0.4366**	**15.8663**	**4.1462**	**0.4023**	**4.5485**		**18,394.1384**	**18,394.1384**	**0.4642**		**18,403.8863**

3.5 Building Construction Phase I - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6992	15.5364	16.3276	0.0268		0.8057	0.8057		0.7581	0.7581		2,543.7497	2,543.7497	0.6085		2,556.5286
Total	**1.6992**	**15.5364**	**16.3276**	**0.0268**		**0.8057**	**0.8057**		**0.7581**	**0.7581**		**2,543.7497**	**2,543.7497**	**0.6085**		**2,556.5286**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.1875	17.6387	54.2200	0.0929	2.6233	0.3484	2.9716	0.7494	0.3205	1.0699		8,671.2686	8,671.2686	0.0658		8,672.6511
Worker	18.3566	4.1243	38.1762	0.1400	12.8068	0.0824	12.8892	3.3970	0.0764	3.4733		9,565.7039	9,565.7039	0.3838		9,573.7628
Total	**24.5440**	**21.7630**	**92.3962**	**0.2328**	**15.4301**	**0.4307**	**15.8608**	**4.1464**	**0.3969**	**4.5432**		**18,236.9725**	**18,236.9725**	**0.4496**		**18,246.4139**

3.5 Building Construction Phase I - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8413	13.9339	17.9980	0.0268		0.4040	0.4040		0.4161	0.4161	0.0000	2,541.4159	2,541.4159	0.6080		2,554.1832
Total	**0.8413**	**13.9339**	**17.9980**	**0.0268**		**0.4040**	**0.4040**		**0.4161**	**0.4161**	**0.0000**	**2,541.4159**	**2,541.4159**	**0.6080**		**2,554.1832**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.1875	17.6387	54.2200	0.0929	2.6233	0.3484	2.9716	0.7494	0.3205	1.0699		8,671.2686	8,671.2686	0.0658		8,672.6511
Worker	18.3566	4.1243	38.1762	0.1400	12.8068	0.0824	12.8892	3.3970	0.0764	3.4733		9,565.7039	9,565.7039	0.3838		9,573.7628
Total	**24.5440**	**21.7630**	**92.3962**	**0.2328**	**15.4301**	**0.4307**	**15.8608**	**4.1464**	**0.3969**	**4.5432**		**18,236.9725**	**18,236.9725**	**0.4496**		**18,246.4139**

3.5 Building Construction Phase I - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5661	14.3126	16.2093	0.0268		0.6967	0.6967		0.6557	0.6557		2,544.6262	2,544.6262	0.6044		2,557.3191
Total	**1.5661**	**14.3126**	**16.2093**	**0.0268**		**0.6967**	**0.6967**		**0.6557**	**0.6557**		**2,544.6262**	**2,544.6262**	**0.6044**		**2,557.3191**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.9828	15.7930	52.8470	0.0927	2.6235	0.3303	2.9538	0.7495	0.3039	1.0534		8,659.2315	8,659.2315	0.0624		8,660.5422
Worker	17.6465	3.9041	36.0296	0.1400	12.8068	0.0832	12.8900	3.3970	0.0772	3.4742		9,431.0340	9,431.0340	0.3699		9,438.8011
Total	**23.6293**	**19.6971**	**88.8766**	**0.2327**	**15.4303**	**0.4135**	**15.8438**	**4.1465**	**0.3811**	**4.5275**		**18,090.2655**	**18,090.2655**	**0.4323**		**18,099.3433**

3.5 Building Construction Phase I - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8191	13.8916	17.9802	0.0268		0.3953	0.3953		0.4074	0.4074	0.0000	2,542.2917	2,542.2917	0.6039		2,554.9729
Total	**0.8191**	**13.8916**	**17.9802**	**0.0268**		**0.3953**	**0.3953**		**0.4074**	**0.4074**	**0.0000**	**2,542.2917**	**2,542.2917**	**0.6039**		**2,554.9729**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.9828	15.7930	52.8470	0.0927	2.6235	0.3303	2.9538	0.7495	0.3039	1.0534		8,659.2315	8,659.2315	0.0624		8,660.5422
Worker	17.6465	3.9041	36.0296	0.1400	12.8068	0.0832	12.8900	3.3970	0.0772	3.4742		9,431.0340	9,431.0340	0.3699		9,438.8011
Total	**23.6293**	**19.6971**	**88.8766**	**0.2327**	**15.4303**	**0.4135**	**15.8438**	**4.1465**	**0.3811**	**4.5275**		**18,090.2655**	**18,090.2655**	**0.4323**		**18,099.3433**

3.5 Building Construction Phase I - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4653	13.3774	16.1332	0.0268		0.6106	0.6106		0.5744	0.5744		2,545.1154	2,545.1154	0.6009		2,557.7349
Total	**1.4653**	**13.3774**	**16.1332**	**0.0268**		**0.6106**	**0.6106**		**0.5744**	**0.5744**		**2,545.1154**	**2,545.1154**	**0.6009**		**2,557.7349**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.6765	15.5919	51.7110	0.0927	2.6240	0.3315	2.9555	0.7497	0.3050	1.0547		8,661.2466	8,661.2466	0.0626		8,662.5616
Worker	16.9961	3.7164	34.2747	0.1399	12.8068	0.0841	12.8909	3.3970	0.0780	3.4750		9,311.9251	9,311.9251	0.3580		9,319.4429
Total	**22.6726**	**19.3083**	**85.9856**	**0.2326**	**15.4308**	**0.4156**	**15.8464**	**4.1467**	**0.3830**	**4.5297**		**17,973.1717**	**17,973.1717**	**0.4206**		**17,982.0045**

3.5 Building Construction Phase I - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8005	13.8518	17.9659	0.0268		0.3876	0.3876		0.3997	0.3997	0.0000	2,542.7804	2,542.7804	0.6004		2,555.3883
Total	**0.8005**	**13.8518**	**17.9659**	**0.0268**		**0.3876**	**0.3876**		**0.3997**	**0.3997**	**0.0000**	**2,542.7804**	**2,542.7804**	**0.6004**		**2,555.3883**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.6765	15.5919	51.7110	0.0927	2.6240	0.3315	2.9555	0.7497	0.3050	1.0547		8,661.2466	8,661.2466	0.0626		8,662.5616
Worker	16.9961	3.7164	34.2747	0.1399	12.8068	0.0841	12.8909	3.3970	0.0780	3.4750		9,311.9251	9,311.9251	0.3580		9,319.4429
Total	**22.6726**	**19.3083**	**85.9856**	**0.2326**	**15.4308**	**0.4156**	**15.8464**	**4.1467**	**0.3830**	**4.5297**		**17,973.1717**	**17,973.1717**	**0.4206**		**17,982.0045**

3.5 Building Construction Phase I - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	**1.3615**	**12.4097**	**16.0518**	**0.0269**		**0.5250**	**0.5250**		**0.4939**	**0.4939**		**2,545.8905**	**2,545.8905**	**0.5975**		**2,558.4386**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.6822	15.4283	51.0056	0.0927	2.6244	0.3325	2.9569	0.7499	0.3059	1.0558		8,663.4378	8,663.4378	0.0628		8,664.7564
Worker	16.4304	3.5619	32.8891	0.1399	12.8068	0.0852	12.8920	3.3970	0.0790	3.4760		9,207.6315	9,207.6315	0.3482		9,214.9445
Total	**22.1126**	**18.9903**	**83.8947**	**0.2326**	**15.4312**	**0.4176**	**15.8488**	**4.1468**	**0.3849**	**4.5317**		**17,871.0692**	**17,871.0692**	**0.4110**		**17,879.7009**

3.5 Building Construction Phase I - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7844	13.8132	17.9539	0.0268		0.3810	0.3810		0.3932	0.3932	0.0000	2,543.5548	2,543.5548	0.5970		2,556.0913
Total	**0.7844**	**13.8132**	**17.9539**	**0.0268**		**0.3810**	**0.3810**		**0.3932**	**0.3932**	**0.0000**	**2,543.5548**	**2,543.5548**	**0.5970**		**2,556.0913**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.6822	15.4283	51.0056	0.0927	2.6244	0.3325	2.9569	0.7499	0.3059	1.0558		8,663.4378	8,663.4378	0.0628		8,664.7564
Worker	16.4304	3.5619	32.8891	0.1399	12.8068	0.0852	12.8920	3.3970	0.0790	3.4760		9,207.6315	9,207.6315	0.3482		9,214.9445
Total	**22.1126**	**18.9903**	**83.8947**	**0.2326**	**15.4312**	**0.4176**	**15.8488**	**4.1468**	**0.3849**	**4.5317**		**17,871.0692**	**17,871.0692**	**0.4110**		**17,879.7009**

3.6 Architectural Coating Phase I - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.8915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102
Total	**35.1901**	**2.0058**	**1.8542**	**2.9700e-003**		**0.1506**	**0.1506**		**0.1506**	**0.1506**		**281.4485**	**281.4485**	**0.0267**		**282.0102**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	4.4588	1.1039	10.3097	0.0281	2.5630	0.0161	2.5791	0.6798	0.0149	0.6947		2,135.8139	2,135.8139	0.0943		2,137.7940
Total	**4.4588**	**1.1039**	**10.3097**	**0.0281**	**2.5630**	**0.0161**	**2.5791**	**0.6798**	**0.0149**	**0.6947**		**2,135.8139**	**2,135.8139**	**0.0943**		**2,137.7940**

3.6 Architectural Coating Phase I - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.8915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3557	1.8307	2.9700e-003		0.0396	0.0396		0.0396	0.0396	0.0000	281.1903	281.1903	0.0267		281.7514
Total	**34.9509**	**1.3557**	**1.8307**	**2.9700e-003**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**281.1903**	**281.1903**	**0.0267**		**281.7514**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	4.4588	1.1039	10.3097	0.0281	2.5630	0.0161	2.5791	0.6798	0.0149	0.6947		2,135.8139	2,135.8139	0.0943		2,137.7940
Total	**4.4588**	**1.1039**	**10.3097**	**0.0281**	**2.5630**	**0.0161**	**2.5791**	**0.6798**	**0.0149**	**0.6947**		**2,135.8139**	**2,135.8139**	**0.0943**		**2,137.7940**

3.6 Architectural Coating Phase I - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.8915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		281.9473
Total	**35.1579**	**1.8354**	**1.8413**	**2.9700e-003**		**0.1288**	**0.1288**		**0.1288**	**0.1288**		**281.4481**	**281.4481**	**0.0238**		**281.9473**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	4.2063	1.0109	9.4120	0.0280	2.5630	0.0161	2.5791	0.6798	0.0149	0.6948		2,058.8877	2,058.8877	0.0885		2,060.7468
Total	**4.2063**	**1.0109**	**9.4120**	**0.0280**	**2.5630**	**0.0161**	**2.5791**	**0.6798**	**0.0149**	**0.6948**		**2,058.8877**	**2,058.8877**	**0.0885**		**2,060.7468**

3.6 Architectural Coating Phase I - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.8915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3557	1.8307	2.9700e-003		0.0396	0.0396		0.0396	0.0396	0.0000	281.1898	281.1898	0.0238		281.6886
Total	**34.9509**	**1.3557**	**1.8307**	**2.9700e-003**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**281.1898**	**281.1898**	**0.0238**		**281.6886**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	4.2063	1.0109	9.4120	0.0280	2.5630	0.0161	2.5791	0.6798	0.0149	0.6948		2,058.8877	2,058.8877	0.0885		2,060.7468
Total	**4.2063**	**1.0109**	**9.4120**	**0.0280**	**2.5630**	**0.0161**	**2.5791**	**0.6798**	**0.0149**	**0.6948**		**2,058.8877**	**2,058.8877**	**0.0885**		**2,060.7468**

3.6 Architectural Coating Phase I - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.8915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9057
Total	**35.1337**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**		**281.4481**	**281.4481**	**0.0218**		**281.9057**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.9939	0.9333	8.6462	0.0280	2.5630	0.0162	2.5792	0.6798	0.0150	0.6948		1,977.1648	1,977.1648	0.0836		1,978.9206
Total	**3.9939**	**0.9333**	**8.6462**	**0.0280**	**2.5630**	**0.0162**	**2.5792**	**0.6798**	**0.0150**	**0.6948**		**1,977.1648**	**1,977.1648**	**0.0836**		**1,978.9206**

3.6 Architectural Coating Phase I - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.8915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3557	1.8307	2.9700e-003		0.0396	0.0396		0.0396	0.0396	0.0000	281.1898	281.1898	0.0218		281.6470
Total	**34.9509**	**1.3557**	**1.8307**	**2.9700e-003**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**281.1898**	**281.1898**	**0.0218**		**281.6470**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.9939	0.9333	8.6462	0.0280	2.5630	0.0162	2.5792	0.6798	0.0150	0.6948		1,977.1648	1,977.1648	0.0836		1,978.9206
Total	**3.9939**	**0.9333**	**8.6462**	**0.0280**	**2.5630**	**0.0162**	**2.5792**	**0.6798**	**0.0150**	**0.6948**		**1,977.1648**	**1,977.1648**	**0.0836**		**1,978.9206**

3.6 Architectural Coating Phase I - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.8915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.8537
Total	**35.1104**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**		**281.4481**	**281.4481**	**0.0193**		**281.8537**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.8255	0.8751	8.1070	0.0280	2.5630	0.0163	2.5793	0.6798	0.0151	0.6949		1,944.2274	1,944.2274	0.0800		1,945.9063
Total	**3.8255**	**0.8751**	**8.1070**	**0.0280**	**2.5630**	**0.0163**	**2.5793**	**0.6798**	**0.0151**	**0.6949**		**1,944.2274**	**1,944.2274**	**0.0800**		**1,945.9063**

3.6 Architectural Coating Phase I - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.8915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3557	1.8307	2.9700e-003		0.0396	0.0396		0.0396	0.0396	0.0000	281.1898	281.1898	0.0193		281.5951
Total	**34.9509**	**1.3557**	**1.8307**	**2.9700e-003**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**281.1898**	**281.1898**	**0.0193**		**281.5951**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.8255	0.8751	8.1070	0.0280	2.5630	0.0163	2.5793	0.6798	0.0151	0.6949		1,944.2274	1,944.2274	0.0800		1,945.9063
Total	**3.8255**	**0.8751**	**8.1070**	**0.0280**	**2.5630**	**0.0163**	**2.5793**	**0.6798**	**0.0151**	**0.6949**		**1,944.2274**	**1,944.2274**	**0.0800**		**1,945.9063**

3.6 Architectural Coating Phase I - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.8915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.8329
Total	**35.0960**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**		**281.4481**	**281.4481**	**0.0183**		**281.8329**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.6737	0.8254	7.6401	0.0280	2.5630	0.0165	2.5795	0.6798	0.0153	0.6951		1,914.3679	1,914.3679	0.0768		1,915.9808
Total	**3.6737**	**0.8254**	**7.6401**	**0.0280**	**2.5630**	**0.0165**	**2.5795**	**0.6798**	**0.0153**	**0.6951**		**1,914.3679**	**1,914.3679**	**0.0768**		**1,915.9808**

3.6 Architectural Coating Phase I - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.8915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3557	1.8307	2.9700e-003		0.0396	0.0396		0.0396	0.0396	0.0000	281.1898	281.1898	0.0183		281.5743
Total	**34.9509**	**1.3557**	**1.8307**	**2.9700e-003**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**281.1898**	**281.1898**	**0.0183**		**281.5743**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.6737	0.8254	7.6401	0.0280	2.5630	0.0165	2.5795	0.6798	0.0153	0.6951		1,914.3679	1,914.3679	0.0768		1,915.9808
Total	**3.6737**	**0.8254**	**7.6401**	**0.0280**	**2.5630**	**0.0165**	**2.5795**	**0.6798**	**0.0153**	**0.6951**		**1,914.3679**	**1,914.3679**	**0.0768**		**1,915.9808**

3.6 Architectural Coating Phase I - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.8915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8017
Total	**35.0831**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**		**281.4481**	**281.4481**	**0.0168**		**281.8017**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.5316	0.7813	7.2105	0.0280	2.5630	0.0167	2.5797	0.6798	0.0155	0.6953		1,887.4167	1,887.4167	0.0740		1,888.9711
Total	**3.5316**	**0.7813**	**7.2105**	**0.0280**	**2.5630**	**0.0167**	**2.5797**	**0.6798**	**0.0155**	**0.6953**		**1,887.4167**	**1,887.4167**	**0.0740**		**1,888.9711**

3.6 Architectural Coating Phase I - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.8915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3557	1.8307	2.9700e-003		0.0396	0.0396		0.0396	0.0396	0.0000	281.1898	281.1898	0.0168		281.5431
Total	**34.9509**	**1.3557**	**1.8307**	**2.9700e-003**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**281.1898**	**281.1898**	**0.0168**		**281.5431**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.5316	0.7813	7.2105	0.0280	2.5630	0.0167	2.5797	0.6798	0.0155	0.6953		1,887.4167	1,887.4167	0.0740		1,888.9711
Total	**3.5316**	**0.7813**	**7.2105**	**0.0280**	**2.5630**	**0.0167**	**2.5797**	**0.6798**	**0.0155**	**0.6953**		**1,887.4167**	**1,887.4167**	**0.0740**		**1,888.9711**

3.6 Architectural Coating Phase I - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.8915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.7809
Total	**35.0722**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**		**281.4481**	**281.4481**	**0.0159**		**281.7809**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.4014	0.7438	6.8593	0.0280	2.5630	0.0168	2.5798	0.6798	0.0156	0.6954		1,863.5796	1,863.5796	0.0716		1,865.0841
Total	**3.4014**	**0.7438**	**6.8593**	**0.0280**	**2.5630**	**0.0168**	**2.5798**	**0.6798**	**0.0156**	**0.6954**		**1,863.5796**	**1,863.5796**	**0.0716**		**1,865.0841**

3.6 Architectural Coating Phase I - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.8915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3557	1.8307	2.9700e-003		0.0396	0.0396		0.0396	0.0396	0.0000	281.1898	281.1898	0.0158		281.5223
Total	**34.9509**	**1.3557**	**1.8307**	**2.9700e-003**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**281.1898**	**281.1898**	**0.0158**		**281.5223**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.4014	0.7438	6.8593	0.0280	2.5630	0.0168	2.5798	0.6798	0.0156	0.6954		1,863.5796	1,863.5796	0.0716		1,865.0841
Total	**3.4014**	**0.7438**	**6.8593**	**0.0280**	**2.5630**	**0.0168**	**2.5798**	**0.6798**	**0.0156**	**0.6954**		**1,863.5796**	**1,863.5796**	**0.0716**		**1,865.0841**

3.6 Architectural Coating Phase I - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.8915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.7705
Total	**35.0623**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.7705**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.2882	0.7129	6.5820	0.0280	2.5630	0.0170	2.5801	0.6798	0.0158	0.6956		1,842.7075	1,842.7075	0.0697		1,844.1711
Total	**3.2882**	**0.7129**	**6.5820**	**0.0280**	**2.5630**	**0.0170**	**2.5801**	**0.6798**	**0.0158**	**0.6956**		**1,842.7075**	**1,842.7075**	**0.0697**		**1,844.1711**

3.6 Architectural Coating Phase I - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	34.8915					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3557	1.8307	2.9700e-003		0.0396	0.0396		0.0396	0.0396	0.0000	281.1898	281.1898	0.0153		281.5119
Total	**34.9509**	**1.3557**	**1.8307**	**2.9700e-003**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**281.1898**	**281.1898**	**0.0153**		**281.5119**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.2882	0.7129	6.5820	0.0280	2.5630	0.0170	2.5801	0.6798	0.0158	0.6956		1,842.7075	1,842.7075	0.0697		1,844.1711
Total	**3.2882**	**0.7129**	**6.5820**	**0.0280**	**2.5630**	**0.0170**	**2.5801**	**0.6798**	**0.0158**	**0.6956**		**1,842.7075**	**1,842.7075**	**0.0697**		**1,844.1711**

3.7 Site Preparation Phase II - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.5083	23.5257	24.8879	0.0392		1.0293	1.0293		0.9470	0.9470		3,793.8403	3,793.8403	1.2270		3,819.6074
Total	**2.5083**	**23.5257**	**24.8879**	**0.0392**	**18.0663**	**1.0293**	**19.0956**	**9.9307**	**0.9470**	**10.8776**		**3,793.8403**	**3,793.8403**	**1.2270**		**3,819.6074**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1897	0.0411	0.3797	1.6200e-003	0.1479	9.8000e-004	0.1489	0.0392	9.1000e-004	0.0401		106.3101	106.3101	4.0200e-003		106.3945
Total	**0.1897**	**0.0411**	**0.3797**	**1.6200e-003**	**0.1479**	**9.8000e-004**	**0.1489**	**0.0392**	**9.1000e-004**	**0.0401**		**106.3101**	**106.3101**	**4.0200e-003**		**106.3945**

3.7 Site Preparation Phase II - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	0.9506	19.4406	23.3788	0.0391		0.4396	0.4396		0.5043	0.5043	0.0000	3,790.3596	3,790.3596	1.2259		3,816.1031
Total	**0.9506**	**19.4406**	**23.3788**	**0.0391**	**8.1298**	**0.4396**	**8.5694**	**4.4688**	**0.5043**	**4.9731**	**0.0000**	**3,790.3596**	**3,790.3596**	**1.2259**		**3,816.1031**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1897	0.0411	0.3797	1.6200e-003	0.1479	9.8000e-004	0.1489	0.0392	9.1000e-004	0.0401		106.3101	106.3101	4.0200e-003		106.3945
Total	**0.1897**	**0.0411**	**0.3797**	**1.6200e-003**	**0.1479**	**9.8000e-004**	**0.1489**	**0.0392**	**9.1000e-004**	**0.0401**		**106.3101**	**106.3101**	**4.0200e-003**		**106.3945**

3.7 Site Preparation Phase II - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.5083	23.5257	24.8879	0.0392		1.0293	1.0293		0.9470	0.9470		3,793.8403	3,793.8403	1.2270		3,819.6074
Total	**2.5083**	**23.5257**	**24.8879**	**0.0392**	**18.0663**	**1.0293**	**19.0956**	**9.9307**	**0.9470**	**10.8776**		**3,793.8403**	**3,793.8403**	**1.2270**		**3,819.6074**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1838	0.0396	0.3666	1.6200e-003	0.1479	1.0000e-003	0.1489	0.0392	9.2000e-004	0.0402		105.2753	105.2753	3.9300e-003		105.3577
Total	**0.1838**	**0.0396**	**0.3666**	**1.6200e-003**	**0.1479**	**1.0000e-003**	**0.1489**	**0.0392**	**9.2000e-004**	**0.0402**		**105.2753**	**105.2753**	**3.9300e-003**		**105.3577**

3.7 Site Preparation Phase II - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	0.9506	19.4406	23.3788	0.0391		0.4396	0.4396		0.5043	0.5043	0.0000	3,790.3596	3,790.3596	1.2259		3,816.1031
Total	**0.9506**	**19.4406**	**23.3788**	**0.0391**	**8.1298**	**0.4396**	**8.5694**	**4.4688**	**0.5043**	**4.9731**	**0.0000**	**3,790.3596**	**3,790.3596**	**1.2259**		**3,816.1031**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1838	0.0396	0.3666	1.6200e-003	0.1479	1.0000e-003	0.1489	0.0392	9.2000e-004	0.0402		105.2753	105.2753	3.9300e-003		105.3577
Total	**0.1838**	**0.0396**	**0.3666**	**1.6200e-003**	**0.1479**	**1.0000e-003**	**0.1489**	**0.0392**	**9.2000e-004**	**0.0402**		**105.2753**	**105.2753**	**3.9300e-003**		**105.3577**

3.8 Grading Phase II - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					10.5084	0.0000	10.5084	3.7946	0.0000	3.7946			0.0000			0.0000
Off-Road	3.0022	27.2606	31.3515	0.0618		1.1867	1.1867		1.0918	1.0918		5,982.3526	5,982.3526	1.9348		6,022.9837
Total	**3.0022**	**27.2606**	**31.3515**	**0.0618**	**10.5084**	**1.1867**	**11.6951**	**3.7946**	**1.0918**	**4.8864**		**5,982.3526**	**5,982.3526**	**1.9348**		**6,022.9837**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2108	0.0457	0.4219	1.7900e-003	0.1643	1.0900e-003	0.1654	0.0436	1.0100e-003	0.0446		118.1223	118.1223	4.4700e-003		118.2161
Total	**0.2108**	**0.0457**	**0.4219**	**1.7900e-003**	**0.1643**	**1.0900e-003**	**0.1654**	**0.0436**	**1.0100e-003**	**0.0446**		**118.1223**	**118.1223**	**4.4700e-003**		**118.2161**

3.8 Grading Phase II - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.7288	0.0000	4.7288	1.7076	0.0000	1.7076			0.0000			0.0000
Off-Road	2.0991	28.1067	32.6066	0.0617		0.8650	0.8650		0.8472	0.8472	0.0000	5,976.8641	5,976.8641	1.9330		6,017.4579
Total	**2.0991**	**28.1067**	**32.6066**	**0.0617**	**4.7288**	**0.8650**	**5.5938**	**1.7076**	**0.8472**	**2.5548**	**0.0000**	**5,976.8641**	**5,976.8641**	**1.9330**		**6,017.4579**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2108	0.0457	0.4219	1.7900e-003	0.1643	1.0900e-003	0.1654	0.0436	1.0100e-003	0.0446		118.1223	118.1223	4.4700e-003		118.2161
Total	**0.2108**	**0.0457**	**0.4219**	**1.7900e-003**	**0.1643**	**1.0900e-003**	**0.1654**	**0.0436**	**1.0100e-003**	**0.0446**		**118.1223**	**118.1223**	**4.4700e-003**		**118.2161**

3.8 Grading Phase II - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					10.5084	0.0000	10.5084	3.7946	0.0000	3.7946			0.0000			0.0000
Off-Road	3.0022	27.2606	31.3515	0.0618		1.1867	1.1867		1.0918	1.0918		5,982.3526	5,982.3526	1.9348		6,022.9837
Total	**3.0022**	**27.2606**	**31.3515**	**0.0618**	**10.5084**	**1.1867**	**11.6951**	**3.7946**	**1.0918**	**4.8864**		**5,982.3526**	**5,982.3526**	**1.9348**		**6,022.9837**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2042	0.0441	0.4073	1.7900e-003	0.1643	1.1100e-003	0.1654	0.0436	1.0300e-003	0.0446		116.9725	116.9725	4.3600e-003		117.0642
Total	**0.2042**	**0.0441**	**0.4073**	**1.7900e-003**	**0.1643**	**1.1100e-003**	**0.1654**	**0.0436**	**1.0300e-003**	**0.0446**		**116.9725**	**116.9725**	**4.3600e-003**		**117.0642**

3.8 Grading Phase II - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.7288	0.0000	4.7288	1.7076	0.0000	1.7076			0.0000			0.0000
Off-Road	2.0991	28.1067	32.6066	0.0617		0.8650	0.8650		0.8472	0.8472	0.0000	5,976.8641	5,976.8641	1.9330		6,017.4579
Total	**2.0991**	**28.1067**	**32.6066**	**0.0617**	**4.7288**	**0.8650**	**5.5938**	**1.7076**	**0.8472**	**2.5548**	**0.0000**	**5,976.8641**	**5,976.8641**	**1.9330**		**6,017.4579**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2042	0.0441	0.4073	1.7900e-003	0.1643	1.1100e-003	0.1654	0.0436	1.0300e-003	0.0446		116.9725	116.9725	4.3600e-003		117.0642
Total	**0.2042**	**0.0441**	**0.4073**	**1.7900e-003**	**0.1643**	**1.1100e-003**	**0.1654**	**0.0436**	**1.0300e-003**	**0.0446**		**116.9725**	**116.9725**	**4.3600e-003**		**117.0642**

3.8 Grading Phase II - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					10.5084	0.0000	10.5084	3.7946	0.0000	3.7946			0.0000			0.0000
Off-Road	3.0022	27.2606	31.3515	0.0618		1.1867	1.1867		1.0918	1.0918		5,982.3526	5,982.3526	1.9348		6,022.9837
Total	**3.0022**	**27.2606**	**31.3515**	**0.0618**	**10.5084**	**1.1867**	**11.6951**	**3.7946**	**1.0918**	**4.8864**		**5,982.3526**	**5,982.3526**	**1.9348**		**6,022.9837**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1980	0.0426	0.3944	1.7900e-003	0.1643	1.1200e-003	0.1654	0.0436	1.0400e-003	0.0446		115.9758	115.9758	4.2700e-003		116.0654
Total	**0.1980**	**0.0426**	**0.3944**	**1.7900e-003**	**0.1643**	**1.1200e-003**	**0.1654**	**0.0436**	**1.0400e-003**	**0.0446**		**115.9758**	**115.9758**	**4.2700e-003**		**116.0654**

3.8 Grading Phase II - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.7288	0.0000	4.7288	1.7076	0.0000	1.7076			0.0000			0.0000
Off-Road	2.0991	28.1067	32.6066	0.0617		0.8650	0.8650		0.8472	0.8472	0.0000	5,976.8641	5,976.8641	1.9330		6,017.4579
Total	**2.0991**	**28.1067**	**32.6066**	**0.0617**	**4.7288**	**0.8650**	**5.5938**	**1.7076**	**0.8472**	**2.5548**	**0.0000**	**5,976.8641**	**5,976.8641**	**1.9330**		**6,017.4579**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1980	0.0426	0.3944	1.7900e-003	0.1643	1.1200e-003	0.1654	0.0436	1.0400e-003	0.0446		115.9758	115.9758	4.2700e-003		116.0654
Total	**0.1980**	**0.0426**	**0.3944**	**1.7900e-003**	**0.1643**	**1.1200e-003**	**0.1654**	**0.0436**	**1.0400e-003**	**0.0446**		**115.9758**	**115.9758**	**4.2700e-003**		**116.0654**

3.9 Paving Phase II - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8973	8.4215	14.2781	0.0223		0.4109	0.4109		0.3781	0.3781		2,159.7967	2,159.7967	0.6985		2,174.4656
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.8973**	**8.4215**	**14.2781**	**0.0223**		**0.4109**	**0.4109**		**0.3781**	**0.3781**		**2,159.7967**	**2,159.7967**	**0.6985**		**2,174.4656**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1581	0.0343	0.3164	1.3500e-003	0.1232	8.2000e-004	0.1240	0.0327	7.6000e-004	0.0334		88.5917	88.5917	3.3500e-003		88.6621
Total	**0.1581**	**0.0343**	**0.3164**	**1.3500e-003**	**0.1232**	**8.2000e-004**	**0.1240**	**0.0327**	**7.6000e-004**	**0.0334**		**88.5917**	**88.5917**	**3.3500e-003**		**88.6621**

3.9 Paving Phase II - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6604	9.8035	15.6301	0.0223		0.3205	0.3205		0.3091	0.3091	0.0000	2,157.8152	2,157.8152	0.6979		2,172.4707
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6604**	**9.8035**	**15.6301**	**0.0223**		**0.3205**	**0.3205**		**0.3091**	**0.3091**	**0.0000**	**2,157.8152**	**2,157.8152**	**0.6979**		**2,172.4707**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1581	0.0343	0.3164	1.3500e-003	0.1232	8.2000e-004	0.1240	0.0327	7.6000e-004	0.0334		88.5917	88.5917	3.3500e-003		88.6621
Total	**0.1581**	**0.0343**	**0.3164**	**1.3500e-003**	**0.1232**	**8.2000e-004**	**0.1240**	**0.0327**	**7.6000e-004**	**0.0334**		**88.5917**	**88.5917**	**3.3500e-003**		**88.6621**

3.9 Paving Phase II - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8973	8.4215	14.2781	0.0223		0.4109	0.4109		0.3781	0.3781		2,159.7967	2,159.7967	0.6985		2,174.4656
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.8973**	**8.4215**	**14.2781**	**0.0223**		**0.4109**	**0.4109**		**0.3781**	**0.3781**		**2,159.7967**	**2,159.7967**	**0.6985**		**2,174.4656**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1532	0.0330	0.3055	1.3500e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		87.7294	87.7294	3.2700e-003		87.7981
Total	**0.1532**	**0.0330**	**0.3055**	**1.3500e-003**	**0.1232**	**8.3000e-004**	**0.1241**	**0.0327**	**7.7000e-004**	**0.0335**		**87.7294**	**87.7294**	**3.2700e-003**		**87.7981**

3.9 Paving Phase II - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6604	9.8035	15.6301	0.0223		0.3205	0.3205		0.3091	0.3091	0.0000	2,157.8152	2,157.8152	0.6979		2,172.4707
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6604**	**9.8035**	**15.6301**	**0.0223**		**0.3205**	**0.3205**		**0.3091**	**0.3091**	**0.0000**	**2,157.8152**	**2,157.8152**	**0.6979**		**2,172.4707**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1532	0.0330	0.3055	1.3500e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		87.7294	87.7294	3.2700e-003		87.7981
Total	**0.1532**	**0.0330**	**0.3055**	**1.3500e-003**	**0.1232**	**8.3000e-004**	**0.1241**	**0.0327**	**7.7000e-004**	**0.0335**		**87.7294**	**87.7294**	**3.2700e-003**		**87.7981**

3.9 Paving Phase II - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8973	8.4215	14.2781	0.0223		0.4109	0.4109		0.3781	0.3781		2,159.7967	2,159.7967	0.6985		2,174.4656
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.8973**	**8.4215**	**14.2781**	**0.0223**		**0.4109**	**0.4109**		**0.3781**	**0.3781**		**2,159.7967**	**2,159.7967**	**0.6985**		**2,174.4656**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1485	0.0319	0.2958	1.3500e-003	0.1232	8.4000e-004	0.1241	0.0327	7.8000e-004	0.0335		86.9818	86.9818	3.2000e-003		87.0491
Total	**0.1485**	**0.0319**	**0.2958**	**1.3500e-003**	**0.1232**	**8.4000e-004**	**0.1241**	**0.0327**	**7.8000e-004**	**0.0335**		**86.9818**	**86.9818**	**3.2000e-003**		**87.0491**

3.9 Paving Phase II - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6604	9.8035	15.6301	0.0223		0.3205	0.3205		0.3091	0.3091	0.0000	2,157.8152	2,157.8152	0.6979		2,172.4707
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6604**	**9.8035**	**15.6301**	**0.0223**		**0.3205**	**0.3205**		**0.3091**	**0.3091**	**0.0000**	**2,157.8152**	**2,157.8152**	**0.6979**		**2,172.4707**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1485	0.0319	0.2958	1.3500e-003	0.1232	8.4000e-004	0.1241	0.0327	7.8000e-004	0.0335		86.9818	86.9818	3.2000e-003		87.0491
Total	**0.1485**	**0.0319**	**0.2958**	**1.3500e-003**	**0.1232**	**8.4000e-004**	**0.1241**	**0.0327**	**7.8000e-004**	**0.0335**		**86.9818**	**86.9818**	**3.2000e-003**		**87.0491**

3.10 Building Construction Phase II - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	**1.3615**	**12.4097**	**16.0518**	**0.0269**		**0.5250**	**0.5250**		**0.4939**	**0.4939**		**2,545.8905**	**2,545.8905**	**0.5975**		**2,558.4386**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.5013	15.2314	50.3703	0.0927	2.6245	0.3317	2.9562	0.7499	0.3052	1.0551		8,664.0901	8,664.0901	0.0628		8,665.4079
Worker	15.9198	3.4335	31.7483	0.1399	12.8068	0.0863	12.8931	3.3970	0.0801	3.4771		9,118.0096	9,118.0096	0.3401		9,125.1512
Total	**21.4211**	**18.6649**	**82.1186**	**0.2326**	**15.4313**	**0.4180**	**15.8494**	**4.1469**	**0.3853**	**4.5321**		**17,782.0997**	**17,782.0997**	**0.4028**		**17,790.5591**

3.10 Building Construction Phase II - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7844	13.8132	17.9539	0.0268		0.3810	0.3810		0.3932	0.3932	0.0000	2,543.5548	2,543.5548	0.5970		2,556.0913
Total	**0.7844**	**13.8132**	**17.9539**	**0.0268**		**0.3810**	**0.3810**		**0.3932**	**0.3932**	**0.0000**	**2,543.5548**	**2,543.5548**	**0.5970**		**2,556.0913**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.5013	15.2314	50.3703	0.0927	2.6245	0.3317	2.9562	0.7499	0.3052	1.0551		8,664.0901	8,664.0901	0.0628		8,665.4079
Worker	15.9198	3.4335	31.7483	0.1399	12.8068	0.0863	12.8931	3.3970	0.0801	3.4771		9,118.0096	9,118.0096	0.3401		9,125.1512
Total	**21.4211**	**18.6649**	**82.1186**	**0.2326**	**15.4313**	**0.4180**	**15.8494**	**4.1469**	**0.3853**	**4.5321**		**17,782.0997**	**17,782.0997**	**0.4028**		**17,790.5591**

3.10 Building Construction Phase II - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	**1.3615**	**12.4097**	**16.0518**	**0.0269**		**0.5250**	**0.5250**		**0.4939**	**0.4939**		**2,545.8905**	**2,545.8905**	**0.5975**		**2,558.4386**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.4570	15.0784	49.9204	0.0927	2.6247	0.3321	2.9568	0.7500	0.3055	1.0555		8,665.0274	8,665.0274	0.0629		8,666.3474
Worker	15.4352	3.3197	30.7416	0.1399	12.8068	0.0873	12.8942	3.3970	0.0810	3.4780		9,040.3102	9,040.3102	0.3328		9,047.2983
Total	**20.8922**	**18.3981**	**80.6620**	**0.2326**	**15.4315**	**0.4194**	**15.8509**	**4.1470**	**0.3866**	**4.5335**		**17,705.3376**	**17,705.3376**	**0.3956**		**17,713.6458**

3.10 Building Construction Phase II - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7844	13.8132	17.9539	0.0268		0.3810	0.3810		0.3932	0.3932	0.0000	2,543.5548	2,543.5548	0.5970		2,556.0913
Total	**0.7844**	**13.8132**	**17.9539**	**0.0268**		**0.3810**	**0.3810**		**0.3932**	**0.3932**	**0.0000**	**2,543.5548**	**2,543.5548**	**0.5970**		**2,556.0913**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.4570	15.0784	49.9204	0.0927	2.6247	0.3321	2.9568	0.7500	0.3055	1.0555		8,665.0274	8,665.0274	0.0629		8,666.3474
Worker	15.4352	3.3197	30.7416	0.1399	12.8068	0.0873	12.8942	3.3970	0.0810	3.4780		9,040.3102	9,040.3102	0.3328		9,047.2983
Total	**20.8922**	**18.3981**	**80.6620**	**0.2326**	**15.4315**	**0.4194**	**15.8509**	**4.1470**	**0.3866**	**4.5335**		**17,705.3376**	**17,705.3376**	**0.3956**		**17,713.6458**

3.10 Building Construction Phase II - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	**1.3615**	**12.4097**	**16.0518**	**0.0269**		**0.5250**	**0.5250**		**0.4939**	**0.4939**		**2,545.8905**	**2,545.8905**	**0.5975**		**2,558.4386**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.5390	14.9436	49.4857	0.0927	2.6248	0.3320	2.9569	0.7500	0.3055	1.0555		8,665.7673	8,665.7673	0.0629		8,667.0883
Worker	14.9752	3.2165	29.8568	0.1399	12.8068	0.0883	12.8951	3.3970	0.0819	3.4788		8,973.7452	8,973.7452	0.3262		8,980.5956
Total	**20.5141**	**18.1601**	**79.3425**	**0.2326**	**15.4316**	**0.4203**	**15.8519**	**4.1470**	**0.3874**	**4.5344**		**17,639.5124**	**17,639.5124**	**0.3891**		**17,647.6839**

3.10 Building Construction Phase II - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7844	13.8132	17.9539	0.0268		0.3810	0.3810		0.3932	0.3932	0.0000	2,543.5548	2,543.5548	0.5970		2,556.0913
Total	**0.7844**	**13.8132**	**17.9539**	**0.0268**		**0.3810**	**0.3810**		**0.3932**	**0.3932**	**0.0000**	**2,543.5548**	**2,543.5548**	**0.5970**		**2,556.0913**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.5390	14.9436	49.4857	0.0927	2.6248	0.3320	2.9569	0.7500	0.3055	1.0555		8,665.7673	8,665.7673	0.0629		8,667.0883
Worker	14.9752	3.2165	29.8568	0.1399	12.8068	0.0883	12.8951	3.3970	0.0819	3.4788		8,973.7452	8,973.7452	0.3262		8,980.5956
Total	**20.5141**	**18.1601**	**79.3425**	**0.2326**	**15.4316**	**0.4203**	**15.8519**	**4.1470**	**0.3874**	**4.5344**		**17,639.5124**	**17,639.5124**	**0.3891**		**17,647.6839**

3.10 Building Construction Phase II - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3615	12.4097	16.0518	0.0269		0.5250	0.5250		0.4939	0.4939		2,545.8905	2,545.8905	0.5975		2,558.4386
Total	**1.3615**	**12.4097**	**16.0518**	**0.0269**		**0.5250**	**0.5250**		**0.4939**	**0.4939**		**2,545.8905**	**2,545.8905**	**0.5975**		**2,558.4386**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.4422	14.8315	49.1073	0.0927	2.6250	0.3320	2.9570	0.7501	0.3055	1.0555		8,666.4304	8,666.4304	0.0629		8,667.7523
Worker	14.5162	3.1195	29.0226	0.1399	12.8068	0.0890	12.8958	3.3970	0.0826	3.4795		8,917.0334	8,917.0334	0.3200		8,923.7533
Total	**19.9584**	**17.9510**	**78.1299**	**0.2326**	**15.4318**	**0.4210**	**15.8528**	**4.1471**	**0.3880**	**4.5351**		**17,583.4638**	**17,583.4638**	**0.3829**		**17,591.5055**

3.10 Building Construction Phase II - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7844	13.8132	17.9539	0.0268		0.3810	0.3810		0.3932	0.3932	0.0000	2,543.5548	2,543.5548	0.5970		2,556.0913
Total	**0.7844**	**13.8132**	**17.9539**	**0.0268**		**0.3810**	**0.3810**		**0.3932**	**0.3932**	**0.0000**	**2,543.5548**	**2,543.5548**	**0.5970**		**2,556.0913**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.4422	14.8315	49.1073	0.0927	2.6250	0.3320	2.9570	0.7501	0.3055	1.0555		8,666.4304	8,666.4304	0.0629		8,667.7523
Worker	14.5162	3.1195	29.0226	0.1399	12.8068	0.0890	12.8958	3.3970	0.0826	3.4795		8,917.0334	8,917.0334	0.3200		8,923.7533
Total	**19.9584**	**17.9510**	**78.1299**	**0.2326**	**15.4318**	**0.4210**	**15.8528**	**4.1471**	**0.3880**	**4.5351**		**17,583.4638**	**17,583.4638**	**0.3829**		**17,591.5055**

3.10 Building Construction Phase II - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	**1.3041**	**7.9179**	**16.1313**	**0.0308**		**0.1476**	**0.1476**		**0.1476**	**0.1476**		**2,884.8300**	**2,884.8300**	**0.1158**		**2,887.2617**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.5008	14.7080	48.4650	0.0927	2.6250	0.3319	2.9570	0.7501	0.3054	1.0555		8,666.6406	8,666.6406	0.0630		8,667.9631
Worker	14.0513	3.0287	28.2912	0.1399	12.8068	0.0896	12.8964	3.3970	0.0831	3.4801		8,869.0632	8,869.0632	0.3142		8,875.6623
Total	**19.5522**	**17.7367**	**76.7561**	**0.2326**	**15.4318**	**0.4215**	**15.8533**	**4.1471**	**0.3885**	**4.5356**		**17,535.7038**	**17,535.7038**	**0.3772**		**17,543.6254**

3.10 Building Construction Phase II - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7286	13.6662	17.9039	0.0308		0.3566	0.3566		0.3687	0.3687	0.0000	2,882.1833	2,882.1833	0.1157		2,884.6128
Total	**0.7286**	**13.6662**	**17.9039**	**0.0308**		**0.3566**	**0.3566**		**0.3687**	**0.3687**	**0.0000**	**2,882.1833**	**2,882.1833**	**0.1157**		**2,884.6128**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.5008	14.7080	48.4650	0.0927	2.6250	0.3319	2.9570	0.7501	0.3054	1.0555		8,666.6406	8,666.6406	0.0630		8,667.9631
Worker	14.0513	3.0287	28.2912	0.1399	12.8068	0.0896	12.8964	3.3970	0.0831	3.4801		8,869.0632	8,869.0632	0.3142		8,875.6623
Total	**19.5522**	**17.7367**	**76.7561**	**0.2326**	**15.4318**	**0.4215**	**15.8533**	**4.1471**	**0.3885**	**4.5356**		**17,535.7038**	**17,535.7038**	**0.3772**		**17,543.6254**

3.11 Architectural Coating Phase II - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	60.7029					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.7705
Total	**60.8738**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.7705**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.1860	0.6871	6.3537	0.0280	2.5630	0.0173	2.5803	0.6798	0.0160	0.6959		1,824.7716	1,824.7716	0.0681		1,826.2009
Total	**3.1860**	**0.6871**	**6.3537**	**0.0280**	**2.5630**	**0.0173**	**2.5803**	**0.6798**	**0.0160**	**0.6959**		**1,824.7716**	**1,824.7716**	**0.0681**		**1,826.2009**

3.11 Architectural Coating Phase II - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	60.7029					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3557	1.8307	2.9700e-003		0.0396	0.0396		0.0396	0.0396	0.0000	281.1898	281.1898	0.0153		281.5119
Total	**60.7623**	**1.3557**	**1.8307**	**2.9700e-003**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**281.1898**	**281.1898**	**0.0153**		**281.5119**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.1860	0.6871	6.3537	0.0280	2.5630	0.0173	2.5803	0.6798	0.0160	0.6959		1,824.7716	1,824.7716	0.0681		1,826.2009
Total	**3.1860**	**0.6871**	**6.3537**	**0.0280**	**2.5630**	**0.0173**	**2.5803**	**0.6798**	**0.0160**	**0.6959**		**1,824.7716**	**1,824.7716**	**0.0681**		**1,826.2009**

3.11 Architectural Coating Phase II - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	60.7029					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.7705
Total	**60.8738**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.7705**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.0890	0.6644	6.1523	0.0280	2.5630	0.0175	2.5805	0.6798	0.0162	0.6961		1,809.2218	1,809.2218	0.0666		1,810.6203
Total	**3.0890**	**0.6644**	**6.1523**	**0.0280**	**2.5630**	**0.0175**	**2.5805**	**0.6798**	**0.0162**	**0.6961**		**1,809.2218**	**1,809.2218**	**0.0666**		**1,810.6203**

3.11 Architectural Coating Phase II - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	60.7029					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3557	1.8307	2.9700e-003		0.0396	0.0396		0.0396	0.0396	0.0000	281.1898	281.1898	0.0153		281.5119
Total	**60.7623**	**1.3557**	**1.8307**	**2.9700e-003**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**281.1898**	**281.1898**	**0.0153**		**281.5119**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.0890	0.6644	6.1523	0.0280	2.5630	0.0175	2.5805	0.6798	0.0162	0.6961		1,809.2218	1,809.2218	0.0666		1,810.6203
Total	**3.0890**	**0.6644**	**6.1523**	**0.0280**	**2.5630**	**0.0175**	**2.5805**	**0.6798**	**0.0162**	**0.6961**		**1,809.2218**	**1,809.2218**	**0.0666**		**1,810.6203**

3.11 Architectural Coating Phase II - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	60.7029					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.7705
Total	**60.8738**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.7705**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.9970	0.6437	5.9752	0.0280	2.5630	0.0177	2.5807	0.6798	0.0164	0.6962		1,795.9003	1,795.9003	0.0653		1,797.2712
Total	**2.9970**	**0.6437**	**5.9752**	**0.0280**	**2.5630**	**0.0177**	**2.5807**	**0.6798**	**0.0164**	**0.6962**		**1,795.9003**	**1,795.9003**	**0.0653**		**1,797.2712**

3.11 Architectural Coating Phase II - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	60.7029					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3557	1.8307	2.9700e-003		0.0396	0.0396		0.0396	0.0396	0.0000	281.1898	281.1898	0.0153		281.5119
Total	**60.7623**	**1.3557**	**1.8307**	**2.9700e-003**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**281.1898**	**281.1898**	**0.0153**		**281.5119**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.9970	0.6437	5.9752	0.0280	2.5630	0.0177	2.5807	0.6798	0.0164	0.6962		1,795.9003	1,795.9003	0.0653		1,797.2712
Total	**2.9970**	**0.6437**	**5.9752**	**0.0280**	**2.5630**	**0.0177**	**2.5807**	**0.6798**	**0.0164**	**0.6962**		**1,795.9003**	**1,795.9003**	**0.0653**		**1,797.2712**

3.11 Architectural Coating Phase II - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	60.7029					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.7705
Total	**60.8738**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.7705**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.9051	0.6243	5.8082	0.0280	2.5630	0.0178	2.5808	0.6798	0.0165	0.6964		1,784.5506	1,784.5506	0.0640		1,785.8955
Total	**2.9051**	**0.6243**	**5.8082**	**0.0280**	**2.5630**	**0.0178**	**2.5808**	**0.6798**	**0.0165**	**0.6964**		**1,784.5506**	**1,784.5506**	**0.0640**		**1,785.8955**

3.11 Architectural Coating Phase II - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	60.7029					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3557	1.8307	2.9700e-003		0.0396	0.0396		0.0396	0.0396	0.0000	281.1898	281.1898	0.0153		281.5119
Total	**60.7623**	**1.3557**	**1.8307**	**2.9700e-003**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**281.1898**	**281.1898**	**0.0153**		**281.5119**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.9051	0.6243	5.8082	0.0280	2.5630	0.0178	2.5808	0.6798	0.0165	0.6964		1,784.5506	1,784.5506	0.0640		1,785.8955
Total	**2.9051**	**0.6243**	**5.8082**	**0.0280**	**2.5630**	**0.0178**	**2.5808**	**0.6798**	**0.0165**	**0.6964**		**1,784.5506**	**1,784.5506**	**0.0640**		**1,785.8955**

3.11 Architectural Coating Phase II - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	60.7029					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873
Total	**60.8337**	**0.8563**	**1.7977**	**2.9700e-003**		**0.0203**	**0.0203**		**0.0203**	**0.0203**		**281.4481**	**281.4481**	**0.0114**		**281.6873**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.8121	0.6061	5.6619	0.0280	2.5630	0.0179	2.5809	0.6798	0.0166	0.6965		1,774.9504	1,774.9504	0.0629		1,776.2711
Total	**2.8121**	**0.6061**	**5.6619**	**0.0280**	**2.5630**	**0.0179**	**2.5809**	**0.6798**	**0.0166**	**0.6965**		**1,774.9504**	**1,774.9504**	**0.0629**		**1,776.2711**

3.11 Architectural Coating Phase II - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	60.7029					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3557	1.8307	2.9700e-003		0.0396	0.0396		0.0396	0.0396	0.0000	281.1898	281.1898	0.0114		281.4288
Total	**60.7623**	**1.3557**	**1.8307**	**2.9700e-003**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**281.1898**	**281.1898**	**0.0114**		**281.4288**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.8121	0.6061	5.6619	0.0280	2.5630	0.0179	2.5809	0.6798	0.0166	0.6965		1,774.9504	1,774.9504	0.0629		1,776.2711
Total	**2.8121**	**0.6061**	**5.6619**	**0.0280**	**2.5630**	**0.0179**	**2.5809**	**0.6798**	**0.0166**	**0.6965**		**1,774.9504**	**1,774.9504**	**0.0629**		**1,776.2711**

3.12 Site Preparation Phase III - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.4265	13.0600	16.9420	0.0422		0.4214	0.4214		0.4214	0.4214		4,505.9752	4,505.9752	0.2173		4,510.5381
Total	**2.4265**	**13.0600**	**16.9420**	**0.0422**	**18.0663**	**0.4214**	**18.4876**	**9.9307**	**0.4214**	**10.3520**		**4,505.9752**	**4,505.9752**	**0.2173**		**4,510.5381**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1622	0.0350	0.3267	1.6100e-003	0.1479	1.0300e-003	0.1489	0.0392	9.6000e-004	0.0402		102.4010	102.4010	3.6300e-003		102.4772
Total	**0.1622**	**0.0350**	**0.3267**	**1.6100e-003**	**0.1479**	**1.0300e-003**	**0.1489**	**0.0392**	**9.6000e-004**	**0.0402**		**102.4010**	**102.4010**	**3.6300e-003**		**102.4772**

3.12 Site Preparation Phase III - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	0.9506	19.4406	23.3788	0.0421		0.4396	0.4396		0.5043	0.5043	0.0000	4,501.8413	4,501.8413	0.2171		4,506.3999
Total	**0.9506**	**19.4406**	**23.3788**	**0.0421**	**8.1298**	**0.4396**	**8.5694**	**4.4688**	**0.5043**	**4.9731**	**0.0000**	**4,501.8413**	**4,501.8413**	**0.2171**		**4,506.3999**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1622	0.0350	0.3267	1.6100e-003	0.1479	1.0300e-003	0.1489	0.0392	9.6000e-004	0.0402		102.4010	102.4010	3.6300e-003		102.4772
Total	**0.1622**	**0.0350**	**0.3267**	**1.6100e-003**	**0.1479**	**1.0300e-003**	**0.1489**	**0.0392**	**9.6000e-004**	**0.0402**		**102.4010**	**102.4010**	**3.6300e-003**		**102.4772**

3.13 Grading Phase III - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					13.8645	0.0000	13.8645	4.1570	0.0000	4.1570			0.0000			0.0000
Off-Road	3.2674	13.6648	25.9331	0.0677		0.4954	0.4954		0.4954	0.4954		7,164.4979	7,164.4979	0.2908		7,170.6050
Total	**3.2674**	**13.6648**	**25.9331**	**0.0677**	**13.8645**	**0.4954**	**14.3599**	**4.1570**	**0.4954**	**4.6524**		**7,164.4979**	**7,164.4979**	**0.2908**		**7,170.6050**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1803	0.0389	0.3629	1.7900e-003	0.1643	1.1500e-003	0.1654	0.0436	1.0700e-003	0.0446		113.7789	113.7789	4.0300e-003		113.8635
Total	**0.1803**	**0.0389**	**0.3629**	**1.7900e-003**	**0.1643**	**1.1500e-003**	**0.1654**	**0.0436**	**1.0700e-003**	**0.0446**		**113.7789**	**113.7789**	**4.0300e-003**		**113.8635**

3.13 Grading Phase III - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2390	0.0000	6.2390	1.8707	0.0000	1.8707			0.0000			0.0000
Off-Road	2.3603	22.0397	29.2614	0.0677		0.6164	0.6164		0.6380	0.6380	0.0000	7,157.9248	7,157.9248	0.2906		7,164.0264
Total	**2.3603**	**22.0397**	**29.2614**	**0.0677**	**6.2390**	**0.6164**	**6.8555**	**1.8707**	**0.6380**	**2.5087**	**0.0000**	**7,157.9248**	**7,157.9248**	**0.2906**		**7,164.0264**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1803	0.0389	0.3629	1.7900e-003	0.1643	1.1500e-003	0.1654	0.0436	1.0700e-003	0.0446		113.7789	113.7789	4.0300e-003		113.8635
Total	**0.1803**	**0.0389**	**0.3629**	**1.7900e-003**	**0.1643**	**1.1500e-003**	**0.1654**	**0.0436**	**1.0700e-003**	**0.0446**		**113.7789**	**113.7789**	**4.0300e-003**		**113.8635**

3.13 Grading Phase III - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					13.8645	0.0000	13.8645	4.1570	0.0000	4.1570			0.0000			0.0000
Off-Road	3.2674	13.6648	25.9331	0.0677		0.4954	0.4954		0.4954	0.4954		7,164.4979	7,164.4979	0.2908		7,170.6050
Total	**3.2674**	**13.6648**	**25.9331**	**0.0677**	**13.8645**	**0.4954**	**14.3599**	**4.1570**	**0.4954**	**4.6524**		**7,164.4979**	**7,164.4979**	**0.2908**		**7,170.6050**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1730	0.0378	0.3545	1.7900e-003	0.1643	1.1500e-003	0.1655	0.0436	1.0700e-003	0.0447		113.2678	113.2678	3.9700e-003		113.3510
Total	**0.1730**	**0.0378**	**0.3545**	**1.7900e-003**	**0.1643**	**1.1500e-003**	**0.1655**	**0.0436**	**1.0700e-003**	**0.0447**		**113.2678**	**113.2678**	**3.9700e-003**		**113.3510**

3.13 Grading Phase III - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2390	0.0000	6.2390	1.8707	0.0000	1.8707			0.0000			0.0000
Off-Road	2.3603	22.0397	29.2614	0.0677		0.6164	0.6164		0.6380	0.6380	0.0000	7,157.9248	7,157.9248	0.2906		7,164.0264
Total	**2.3603**	**22.0397**	**29.2614**	**0.0677**	**6.2390**	**0.6164**	**6.8555**	**1.8707**	**0.6380**	**2.5087**	**0.0000**	**7,157.9248**	**7,157.9248**	**0.2906**		**7,164.0264**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1730	0.0378	0.3545	1.7900e-003	0.1643	1.1500e-003	0.1655	0.0436	1.0700e-003	0.0447		113.2678	113.2678	3.9700e-003		113.3510
Total	**0.1730**	**0.0378**	**0.3545**	**1.7900e-003**	**0.1643**	**1.1500e-003**	**0.1655**	**0.0436**	**1.0700e-003**	**0.0447**		**113.2678**	**113.2678**	**3.9700e-003**		**113.3510**

3.14 Paving Phase III - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234		2,599.9866	2,599.9866	0.1219		2,602.5460
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.3549**	**6.9800**	**15.5192**	**0.0275**		**0.3234**	**0.3234**		**0.3234**	**0.3234**		**2,599.9866**	**2,599.9866**	**0.1219**		**2,602.5460**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1352	0.0291	0.2722	1.3500e-003	0.1232	8.6000e-004	0.1241	0.0327	8.0000e-004	0.0335		85.3342	85.3342	3.0200e-003		85.3977
Total	**0.1352**	**0.0291**	**0.2722**	**1.3500e-003**	**0.1232**	**8.6000e-004**	**0.1241**	**0.0327**	**8.0000e-004**	**0.0335**		**85.3342**	**85.3342**	**3.0200e-003**		**85.3977**

3.14 Paving Phase III - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8815	9.3984	16.2201	0.0274		0.3150	0.3150		0.3150	0.3150	0.0000	2,597.6013	2,597.6013	0.1218		2,600.1583
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.8815**	**9.3984**	**16.2201**	**0.0274**		**0.3150**	**0.3150**		**0.3150**	**0.3150**	**0.0000**	**2,597.6013**	**2,597.6013**	**0.1218**		**2,600.1583**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1352	0.0291	0.2722	1.3500e-003	0.1232	8.6000e-004	0.1241	0.0327	8.0000e-004	0.0335		85.3342	85.3342	3.0200e-003		85.3977
Total	**0.1352**	**0.0291**	**0.2722**	**1.3500e-003**	**0.1232**	**8.6000e-004**	**0.1241**	**0.0327**	**8.0000e-004**	**0.0335**		**85.3342**	**85.3342**	**3.0200e-003**		**85.3977**

3.14 Paving Phase III - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3549	6.9800	15.5192	0.0275		0.3234	0.3234		0.3234	0.3234		2,599.9866	2,599.9866	0.1219		2,602.5460
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.3549**	**6.9800**	**15.5192**	**0.0275**		**0.3234**	**0.3234**		**0.3234**	**0.3234**		**2,599.9866**	**2,599.9866**	**0.1219**		**2,602.5460**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1297	0.0283	0.2659	1.3500e-003	0.1232	8.7000e-004	0.1241	0.0327	8.0000e-004	0.0335		84.9508	84.9508	2.9700e-003		85.0133
Total	**0.1297**	**0.0283**	**0.2659**	**1.3500e-003**	**0.1232**	**8.7000e-004**	**0.1241**	**0.0327**	**8.0000e-004**	**0.0335**		**84.9508**	**84.9508**	**2.9700e-003**		**85.0133**

3.14 Paving Phase III - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8815	9.3984	16.2201	0.0274		0.3150	0.3150		0.3150	0.3150	0.0000	2,597.6013	2,597.6013	0.1218		2,600.1583
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.8815**	**9.3984**	**16.2201**	**0.0274**		**0.3150**	**0.3150**		**0.3150**	**0.3150**	**0.0000**	**2,597.6013**	**2,597.6013**	**0.1218**		**2,600.1583**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1297	0.0283	0.2659	1.3500e-003	0.1232	8.7000e-004	0.1241	0.0327	8.0000e-004	0.0335		84.9508	84.9508	2.9700e-003		85.0133
Total	**0.1297**	**0.0283**	**0.2659**	**1.3500e-003**	**0.1232**	**8.7000e-004**	**0.1241**	**0.0327**	**8.0000e-004**	**0.0335**		**84.9508**	**84.9508**	**2.9700e-003**		**85.0133**

3.15 Building Construction Phase III - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	**1.3041**	**7.9179**	**16.1313**	**0.0308**		**0.1476**	**0.1476**		**0.1476**	**0.1476**		**2,884.8300**	**2,884.8300**	**0.1158**		**2,887.2617**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.5008	14.7080	48.4650	0.0927	2.6250	0.3319	2.9570	0.7501	0.3054	1.0555		8,666.6406	8,666.6406	0.0630		8,667.9631
Worker	14.0513	3.0287	28.2912	0.1399	12.8068	0.0896	12.8964	3.3970	0.0831	3.4801		8,869.0632	8,869.0632	0.3142		8,875.6623
Total	**19.5522**	**17.7367**	**76.7561**	**0.2326**	**15.4318**	**0.4215**	**15.8533**	**4.1471**	**0.3885**	**4.5356**		**17,535.7038**	**17,535.7038**	**0.3772**		**17,543.6254**

3.15 Building Construction Phase III - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7286	13.6662	17.9039	0.0308		0.3566	0.3566		0.3687	0.3687	0.0000	2,882.1833	2,882.1833	0.1157		2,884.6128
Total	**0.7286**	**13.6662**	**17.9039**	**0.0308**		**0.3566**	**0.3566**		**0.3687**	**0.3687**	**0.0000**	**2,882.1833**	**2,882.1833**	**0.1157**		**2,884.6128**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.5008	14.7080	48.4650	0.0927	2.6250	0.3319	2.9570	0.7501	0.3054	1.0555		8,666.6406	8,666.6406	0.0630		8,667.9631
Worker	14.0513	3.0287	28.2912	0.1399	12.8068	0.0896	12.8964	3.3970	0.0831	3.4801		8,869.0632	8,869.0632	0.3142		8,875.6623
Total	**19.5522**	**17.7367**	**76.7561**	**0.2326**	**15.4318**	**0.4215**	**15.8533**	**4.1471**	**0.3885**	**4.5356**		**17,535.7038**	**17,535.7038**	**0.3772**		**17,543.6254**

3.15 Building Construction Phase III - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	**1.3041**	**7.9179**	**16.1313**	**0.0308**		**0.1476**	**0.1476**		**0.1476**	**0.1476**		**2,884.8300**	**2,884.8300**	**0.1158**		**2,887.2617**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.4080	14.6218	48.2652	0.0927	2.6253	0.3321	2.9574	0.7502	0.3055	1.0558		8,667.9264	8,667.9264	0.0630		8,669.2501
Worker	13.4827	2.9454	27.6342	0.1399	12.8068	0.0900	12.8968	3.3970	0.0835	3.4804		8,829.2220	8,829.2220	0.3091		8,835.7127
Total	**18.8906**	**17.5671**	**75.8994**	**0.2326**	**15.4321**	**0.4221**	**15.8542**	**4.1472**	**0.3890**	**4.5362**		**17,497.1484**	**17,497.1484**	**0.3721**		**17,504.9628**

3.15 Building Construction Phase III - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7286	13.6662	17.9039	0.0308		0.3566	0.3566		0.3687	0.3687	0.0000	2,882.1833	2,882.1833	0.1157		2,884.6128
Total	**0.7286**	**13.6662**	**17.9039**	**0.0308**		**0.3566**	**0.3566**		**0.3687**	**0.3687**	**0.0000**	**2,882.1833**	**2,882.1833**	**0.1157**		**2,884.6128**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.4080	14.6218	48.2652	0.0927	2.6253	0.3321	2.9574	0.7502	0.3055	1.0558		8,667.9264	8,667.9264	0.0630		8,669.2501
Worker	13.4827	2.9454	27.6342	0.1399	12.8068	0.0900	12.8968	3.3970	0.0835	3.4804		8,829.2220	8,829.2220	0.3091		8,835.7127
Total	**18.8906**	**17.5671**	**75.8994**	**0.2326**	**15.4321**	**0.4221**	**15.8542**	**4.1472**	**0.3890**	**4.5362**		**17,497.1484**	**17,497.1484**	**0.3721**		**17,504.9628**

3.15 Building Construction Phase III - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	**1.3041**	**7.9179**	**16.1313**	**0.0308**		**0.1476**	**0.1476**		**0.1476**	**0.1476**		**2,884.8300**	**2,884.8300**	**0.1158**		**2,887.2617**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.2637	14.5097	47.9456	0.0927	2.6255	0.3322	2.9577	0.7503	0.3056	1.0559		8,668.7768	8,668.7768	0.0631		8,670.1016
Worker	13.0066	2.8755	27.0884	0.1399	12.8068	0.0903	12.8971	3.3970	0.0838	3.4808		8,796.2349	8,796.2349	0.3047		8,802.6326
Total	**18.2702**	**17.3852**	**75.0340**	**0.2326**	**15.4323**	**0.4225**	**15.8548**	**4.1473**	**0.3894**	**4.5367**		**17,465.0117**	**17,465.0117**	**0.3677**		**17,472.7341**

3.15 Building Construction Phase III - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7286	13.6662	17.9039	0.0308		0.3566	0.3566		0.3687	0.3687	0.0000	2,882.1833	2,882.1833	0.1157		2,884.6128
Total	**0.7286**	**13.6662**	**17.9039**	**0.0308**		**0.3566**	**0.3566**		**0.3687**	**0.3687**	**0.0000**	**2,882.1833**	**2,882.1833**	**0.1157**		**2,884.6128**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.2637	14.5097	47.9456	0.0927	2.6255	0.3322	2.9577	0.7503	0.3056	1.0559		8,668.7768	8,668.7768	0.0631		8,670.1016
Worker	13.0066	2.8755	27.0884	0.1399	12.8068	0.0903	12.8971	3.3970	0.0838	3.4808		8,796.2349	8,796.2349	0.3047		8,802.6326
Total	**18.2702**	**17.3852**	**75.0340**	**0.2326**	**15.4323**	**0.4225**	**15.8548**	**4.1473**	**0.3894**	**4.5367**		**17,465.0117**	**17,465.0117**	**0.3677**		**17,472.7341**

3.15 Building Construction Phase III - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	**1.3041**	**7.9179**	**16.1313**	**0.0308**		**0.1476**	**0.1476**		**0.1476**	**0.1476**		**2,884.8300**	**2,884.8300**	**0.1158**		**2,887.2617**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.1583	14.4091	47.6010	0.0927	2.6257	0.3323	2.9579	0.7504	0.3057	1.0561		8,669.7534	8,669.7534	0.0631		8,671.0790
Worker	12.6040	2.8179	26.6389	0.1399	12.8068	0.0906	12.8974	3.3970	0.0840	3.4810		8,769.0582	8,769.0582	0.3009		8,775.3768
Total	**17.7623**	**17.2271**	**74.2398**	**0.2326**	**15.4325**	**0.4228**	**15.8553**	**4.1473**	**0.3897**	**4.5371**		**17,438.8116**	**17,438.8116**	**0.3640**		**17,446.4558**

3.15 Building Construction Phase III - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7286	13.6662	17.9039	0.0308		0.3566	0.3566		0.3687	0.3687	0.0000	2,882.1833	2,882.1833	0.1157		2,884.6128
Total	**0.7286**	**13.6662**	**17.9039**	**0.0308**		**0.3566**	**0.3566**		**0.3687**	**0.3687**	**0.0000**	**2,882.1833**	**2,882.1833**	**0.1157**		**2,884.6128**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.1583	14.4091	47.6010	0.0927	2.6257	0.3323	2.9579	0.7504	0.3057	1.0561		8,669.7534	8,669.7534	0.0631		8,671.0790
Worker	12.6040	2.8179	26.6389	0.1399	12.8068	0.0906	12.8974	3.3970	0.0840	3.4810		8,769.0582	8,769.0582	0.3009		8,775.3768
Total	**17.7623**	**17.2271**	**74.2398**	**0.2326**	**15.4325**	**0.4228**	**15.8553**	**4.1473**	**0.3897**	**4.5371**		**17,438.8116**	**17,438.8116**	**0.3640**		**17,446.4558**

3.15 Building Construction Phase III - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3041	7.9179	16.1313	0.0308		0.1476	0.1476		0.1476	0.1476		2,884.8300	2,884.8300	0.1158		2,887.2617
Total	**1.3041**	**7.9179**	**16.1313**	**0.0308**		**0.1476**	**0.1476**		**0.1476**	**0.1476**		**2,884.8300**	**2,884.8300**	**0.1158**		**2,887.2617**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.1242	14.3326	47.3664	0.0927	2.6258	0.3323	2.9580	0.7504	0.3057	1.0561		8,670.3483	8,670.3483	0.0632		8,671.6743
Worker	12.2736	2.7688	26.2139	0.1399	12.8068	0.0907	12.8975	3.3970	0.0842	3.4811		8,746.3460	8,746.3460	0.2974		8,752.5903
Total	**17.3978**	**17.1014**	**73.5803**	**0.2326**	**15.4326**	**0.4230**	**15.8555**	**4.1474**	**0.3898**	**4.5372**		**17,416.6943**	**17,416.6943**	**0.3605**		**17,424.2647**

3.15 Building Construction Phase III - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7286	13.6662	17.9039	0.0308		0.3566	0.3566		0.3687	0.3687	0.0000	2,882.1833	2,882.1833	0.1157		2,884.6128
Total	**0.7286**	**13.6662**	**17.9039**	**0.0308**		**0.3566**	**0.3566**		**0.3687**	**0.3687**	**0.0000**	**2,882.1833**	**2,882.1833**	**0.1157**		**2,884.6128**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.1242	14.3326	47.3664	0.0927	2.6258	0.3323	2.9580	0.7504	0.3057	1.0561		8,670.3483	8,670.3483	0.0632		8,671.6743
Worker	12.2736	2.7688	26.2139	0.1399	12.8068	0.0907	12.8975	3.3970	0.0842	3.4811		8,746.3460	8,746.3460	0.2974		8,752.5903
Total	**17.3978**	**17.1014**	**73.5803**	**0.2326**	**15.4326**	**0.4230**	**15.8555**	**4.1474**	**0.3898**	**4.5372**		**17,416.6943**	**17,416.6943**	**0.3605**		**17,424.2647**

3.16 Architectural Coating Phase III - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	72.9896					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873
Total	**73.1203**	**0.8563**	**1.7977**	**2.9700e-003**		**0.0203**	**0.0203**		**0.0203**	**0.0203**		**281.4481**	**281.4481**	**0.0114**		**281.6873**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.6983	0.5895	5.5304	0.0280	2.5630	0.0180	2.5810	0.6798	0.0167	0.6965		1,766.9771	1,766.9771	0.0619		1,768.2761
Total	**2.6983**	**0.5895**	**5.5304**	**0.0280**	**2.5630**	**0.0180**	**2.5810**	**0.6798**	**0.0167**	**0.6965**		**1,766.9771**	**1,766.9771**	**0.0619**		**1,768.2761**

3.16 Architectural Coating Phase III - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	72.9896					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3557	1.8307	2.9700e-003		0.0396	0.0396		0.0396	0.0396	0.0000	281.1898	281.1898	0.0114		281.4288
Total	**73.0490**	**1.3557**	**1.8307**	**2.9700e-003**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**281.1898**	**281.1898**	**0.0114**		**281.4288**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.6983	0.5895	5.5304	0.0280	2.5630	0.0180	2.5810	0.6798	0.0167	0.6965		1,766.9771	1,766.9771	0.0619		1,768.2761
Total	**2.6983**	**0.5895**	**5.5304**	**0.0280**	**2.5630**	**0.0180**	**2.5810**	**0.6798**	**0.0167**	**0.6965**		**1,766.9771**	**1,766.9771**	**0.0619**		**1,768.2761**

3.16 Architectural Coating Phase III - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	72.9896					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873
Total	**73.1203**	**0.8563**	**1.7977**	**2.9700e-003**		**0.0203**	**0.0203**		**0.0203**	**0.0203**		**281.4481**	**281.4481**	**0.0114**		**281.6873**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.6030	0.5755	5.4212	0.0280	2.5630	0.0181	2.5811	0.6798	0.0168	0.6966		1,760.3754	1,760.3754	0.0610		1,761.6558
Total	**2.6030**	**0.5755**	**5.4212**	**0.0280**	**2.5630**	**0.0181**	**2.5811**	**0.6798**	**0.0168**	**0.6966**		**1,760.3754**	**1,760.3754**	**0.0610**		**1,761.6558**

3.16 Architectural Coating Phase III - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	72.9896					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3557	1.8307	2.9700e-003		0.0396	0.0396		0.0396	0.0396	0.0000	281.1898	281.1898	0.0114		281.4288
Total	**73.0490**	**1.3557**	**1.8307**	**2.9700e-003**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**281.1898**	**281.1898**	**0.0114**		**281.4288**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.6030	0.5755	5.4212	0.0280	2.5630	0.0181	2.5811	0.6798	0.0168	0.6966		1,760.3754	1,760.3754	0.0610		1,761.6558
Total	**2.6030**	**0.5755**	**5.4212**	**0.0280**	**2.5630**	**0.0181**	**2.5811**	**0.6798**	**0.0168**	**0.6966**		**1,760.3754**	**1,760.3754**	**0.0610**		**1,761.6558**

3.16 Architectural Coating Phase III - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	72.9896					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873
Total	**73.1203**	**0.8563**	**1.7977**	**2.9700e-003**		**0.0203**	**0.0203**		**0.0203**	**0.0203**		**281.4481**	**281.4481**	**0.0114**		**281.6873**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.5224	0.5639	5.3312	0.0280	2.5630	0.0181	2.5811	0.6798	0.0168	0.6966		1,754.9366	1,754.9366	0.0602		1,756.2011
Total	**2.5224**	**0.5639**	**5.3312**	**0.0280**	**2.5630**	**0.0181**	**2.5811**	**0.6798**	**0.0168**	**0.6966**		**1,754.9366**	**1,754.9366**	**0.0602**		**1,756.2011**

3.16 Architectural Coating Phase III - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	72.9896					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3557	1.8307	2.9700e-003		0.0396	0.0396		0.0396	0.0396	0.0000	281.1898	281.1898	0.0114		281.4288
Total	**73.0490**	**1.3557**	**1.8307**	**2.9700e-003**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**281.1898**	**281.1898**	**0.0114**		**281.4288**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.5224	0.5639	5.3312	0.0280	2.5630	0.0181	2.5811	0.6798	0.0168	0.6966		1,754.9366	1,754.9366	0.0602		1,756.2011
Total	**2.5224**	**0.5639**	**5.3312**	**0.0280**	**2.5630**	**0.0181**	**2.5811**	**0.6798**	**0.0168**	**0.6966**		**1,754.9366**	**1,754.9366**	**0.0602**		**1,756.2011**

3.16 Architectural Coating Phase III - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	72.9896					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.6873
Total	**73.1203**	**0.8563**	**1.7977**	**2.9700e-003**		**0.0203**	**0.0203**		**0.0203**	**0.0203**		**281.4481**	**281.4481**	**0.0114**		**281.6873**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.4563	0.5541	5.2462	0.0280	2.5630	0.0182	2.5812	0.6798	0.0168	0.6967		1,750.3912	1,750.3912	0.0595		1,751.6409
Total	**2.4563**	**0.5541**	**5.2462**	**0.0280**	**2.5630**	**0.0182**	**2.5812**	**0.6798**	**0.0168**	**0.6967**		**1,750.3912**	**1,750.3912**	**0.0595**		**1,751.6409**

3.16 Architectural Coating Phase III - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	72.9896					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3557	1.8307	2.9700e-003		0.0396	0.0396		0.0396	0.0396	0.0000	281.1898	281.1898	0.0114		281.4288
Total	**73.0490**	**1.3557**	**1.8307**	**2.9700e-003**		**0.0396**	**0.0396**		**0.0396**	**0.0396**	**0.0000**	**281.1898**	**281.1898**	**0.0114**		**281.4288**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.4563	0.5541	5.2462	0.0280	2.5630	0.0182	2.5812	0.6798	0.0168	0.6967		1,750.3912	1,750.3912	0.0595		1,751.6409
Total	**2.4563**	**0.5541**	**5.2462**	**0.0280**	**2.5630**	**0.0182**	**2.5812**	**0.6798**	**0.0168**	**0.6967**		**1,750.3912**	**1,750.3912**	**0.0595**		**1,751.6409**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Integrate Below Market Rate Housing

Expand Transit Network

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	312.5166	276.1225	1,288.2968	2.5164	173.0516	3.7499	176.8015	46.2348	3.4561	49.6909		196,534.1330	196,534.1330	6.6114		196,672.9721
Unmitigated	326.2273	287.1992	1,319.4968	2.6425	182.1652	3.9268	186.0919	48.6697	3.6190	52.2887		206,412.5312	206,412.5312	6.9080		206,557.5995

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	6,530.30	6,530.30	6530.30	12,629,679	11,997,826
Elementary School	1,032.00	0.00	0.00	1,425,643	1,354,319
General Office Building	375.02	375.02	375.02	725,293	689,007
Single Family Housing	17,564.40	17,564.40	17564.40	33,969,762	32,270,280
Strip Mall	18,873.40	18,873.40	18873.40	36,501,384	34,675,247
Total	44,375.12	43,343.12	43,343.12	85,251,761	80,986,679

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	6.56	6.56	6.56	42.60	21.00	36.40	80.7	0	19.3
Elementary School	6.56	6.56	6.56	65.00	30.00	5.00	80.7	0	19.3
General Office Building	6.56	6.56	6.56	33.00	48.00	19.00	80.7	0	19.3
Single Family Housing	6.56	6.56	6.56	42.60	21.00	36.40	80.7	0	19.3
Strip Mall	6.56	6.56	6.56	16.60	64.40	19.00	80.7	0	19.3

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.436273	0.063932	0.189732	0.169543	0.063617	0.008590	0.013234	0.039559	0.001712	0.001072	0.008451	0.000528	0.003758

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.7784	15.2810	7.0808	0.0970		1.2287	1.2287		1.2287	1.2287		19,400.7404	19,400.7404	0.3719	0.3557	19,518.8101
NaturalGas Unmitigated	2.2447	19.2926	8.9728	0.1224		1.5509	1.5509		1.5509	1.5509		24,487.7458	24,487.7458	0.4694	0.4489	24,636.7741

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Elementary School	2287.56	0.0247	0.2243	0.1884	1.3500e-003		0.0170	0.0170		0.0170	0.0170		269.1249	269.1249	5.1600e-003	4.9300e-003	270.7628
General Office Building	1611.51	0.0174	0.1580	0.1327	9.5000e-004		0.0120	0.0120		0.0120	0.0120		189.5890	189.5890	3.6300e-003	3.4800e-003	190.7429
Single Family Housing	162521	1.7527	14.9774	6.3734	0.0956		1.2109	1.2109		1.2109	1.2109		19,120.0695	19,120.0695	0.3665	0.3505	19,236.4311
Strip Mall	14882.7	0.1605	1.4591	1.2256	8.7500e-003		0.1109	0.1109		0.1109	0.1109		1,750.9041	1,750.9041	0.0336	0.0321	1,761.5598
Apartments Mid Rise	26843.5	0.2895	2.4738	1.0527	0.0158		0.2000	0.2000		0.2000	0.2000		3,158.0582	3,158.0582	0.0605	0.0579	3,177.2776
Total		**2.2447**	**19.2926**	**8.9728**	**0.1224**		**1.5509**	**1.5509**		**1.5509**	**1.5509**		**24,487.7458**	**24,487.7458**	**0.4694**	**0.4489**	**24,636.7741**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Elementary School	1.73984	0.0188	0.1706	0.1433	1.0200e-003		0.0130	0.0130		0.0130	0.0130		204.6865	204.6865	3.9200e-003	3.7500e-003	205.9322
General Office Building	1.21958	0.0132	0.1196	0.1004	7.2000e-004		9.0900e-003	9.0900e-003		9.0900e-003	9.0900e-003		143.4795	143.4795	2.7500e-003	2.6300e-003	144.3526
Single Family Housing	129.389	1.3954	11.9241	5.0741	0.0761		0.9641	0.9641		0.9641	0.9641		15,222.2268	15,222.2268	0.2918	0.2791	15,314.8667
Strip Mall	11.271	0.1216	1.1050	0.9282	6.6300e-003		0.0840	0.0840		0.0840	0.0840		1,326.0000	1,326.0000	0.0254	0.0243	1,334.0698
Apartments Mid Rise	21.287	0.2296	1.9617	0.8348	0.0125		0.1586	0.1586		0.1586	0.1586		2,504.3477	2,504.3477	0.0480	0.0459	2,519.5887
Total		**1.7784**	**15.2810**	**7.0808**	**0.0970**		**1.2287**	**1.2287**		**1.2287**	**1.2287**		**19,400.7404**	**19,400.7404**	**0.3718**	**0.3557**	**19,518.8101**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	144.1242	2.6621	229.7288	0.0120		2.4987	2.4987		2.4856	2.4856	0.0000	19,956.0215	19,956.0215	0.7692	0.3583	20,083.2597
Unmitigated	171.2763	2.7078	234.2352	0.0123		2.5251	2.5251		2.5121	2.5121	0.0000	19,966.1191	19,966.1191	0.7849	0.3583	20,093.6873

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	45.1601					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	117.1864					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.7917	8.0000e-005	0.0977	0.0000		1.2379	1.2379		1.2249	1.2249	0.0000	19,545.8824	19,545.8824	0.3746	0.3583	19,664.8353
Landscaping	7.1380	2.7077	234.1375	0.0123		1.2872	1.2872		1.2872	1.2872		420.2367	420.2367	0.4103		428.8519
Total	**171.2763**	**2.7078**	**234.2352**	**0.0123**		**2.5251**	**2.5251**		**2.5121**	**2.5121**	**0.0000**	**19,966.1191**	**19,966.1191**	**0.7849**	**0.3583**	**20,093.6873**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	18.2774					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	117.1864					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.7917	8.0000e-005	0.0977	0.0000		1.2379	1.2379		1.2249	1.2249	0.0000	19,545.8824	19,545.8824	0.3746	0.3583	19,664.8353
Landscaping	6.8687	2.6620	229.6310	0.0120		1.2608	1.2608		1.2608	1.2608		410.1391	410.1391	0.3945		418.4243
Total	**144.1242**	**2.6621**	**229.7288**	**0.0120**		**2.4987**	**2.4987**		**2.4856**	**2.4856**	**0.0000**	**19,956.0215**	**19,956.0215**	**0.7692**	**0.3583**	**20,083.2597**

7.0 Water Detail

7.1 Mitigation Measures Water

Use Reclaimed Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Turf Reduction

Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Vegetation

Amoruso Ranch Specific Plan

Placer County APCD Air District, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating Phase I	0.00	0.08	0.00	0.00	0.50	0.51	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating Phase II	0.00	-0.14	0.00	0.00	0.13	0.14	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating Phase III	0.00	-0.36	0.00	0.00	-0.50	-0.52	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction Phase I	0.04	0.09	-0.01	0.00	0.41	0.38	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction Phase II	0.03	-0.06	-0.02	0.00	0.12	0.09	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction Phase III	0.03	-0.23	-0.02	0.00	-0.37	-0.41	0.00	0.00	0.00	0.00	0.00	0.00
Grading Phase I	0.42	0.29	0.08	0.00	0.49	0.47	0.00	0.00	0.00	0.00	0.00	0.00
Grading Phase II	0.28	-0.03	-0.04	0.00	0.27	0.22	0.00	0.00	0.00	0.00	0.00	0.00
Grading Phase III	0.27	-0.61	-0.13	0.00	-0.24	-0.29	0.00	0.00	0.00	0.00	0.00	0.00
Paving Phase I	0.39	0.24	-0.07	0.00	0.47	0.46	0.00	0.00	0.00	0.00	0.00	0.00
Paving Phase II	0.23	-0.16	-0.09	0.00	0.22	0.18	0.00	0.00	0.00	0.00	0.00	0.00
Paving Phase III	0.32	-0.34	-0.04	0.00	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation Phase I	0.76	0.61	0.39	0.00	0.83	0.79	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation Phase II	0.58	0.17	0.06	0.00	0.57	0.47	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation Phase III	0.58	-0.49	-0.37	0.00	-0.04	-0.20	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	Tier 3	3	3	Level 2	0.00
Cranes	Diesel	Tier 3	3	3	Level 2	0.00
Excavators	Diesel	Tier 3	6	6	Level 2	0.00
Forklifts	Diesel	Tier 3	9	9	Level 2	0.00
Generator Sets	Diesel	Tier 3	3	3	Level 2	0.00
Graders	Diesel	Tier 3	3	3	Level 2	0.00
Pavers	Diesel	Tier 3	0	6	Level 2	0.00
Paving Equipment	Diesel	Tier 3	6	6	Level 2	0.00
Rollers	Diesel	Tier 3	6	6	Level 2	0.00
Rubber Tired Dozers	Diesel	Tier 3	12	12	Level 2	0.00
Scrapers	Diesel	No Change	0	6	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 3	27	27	Level 2	0.00
Welders	Diesel	Tier 3	0	3	Level 3	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Air Compressors	3.66480E-001	2.47721E+000	3.55916E+000	5.83000E-003	1.28020E-001	1.28020E-001	0.00000E+000	5.01076E+002	5.01076E+002	2.95400E-002	0.00000E+000	5.01696E+002
Cranes	6.54130E-001	6.28537E+000	3.27059E+000	1.10700E-002	2.61270E-001	2.41480E-001	0.00000E+000	9.71161E+002	9.71161E+002	2.25810E-001	0.00000E+000	9.75903E+002
Excavators	2.69970E-001	2.15627E+000	3.81440E+000	6.20000E-003	1.04820E-001	9.69600E-002	0.00000E+000	5.50534E+002	5.50534E+002	1.32670E-001	0.00000E+000	5.53320E+002
Forklifts	7.04320E-001	5.87589E+000	7.40294E+000	1.02800E-002	3.50960E-001	3.23800E-001	0.00000E+000	9.02401E+002	9.02401E+002	2.12110E-001	0.00000E+000	9.06855E+002
Generator Sets	6.43470E-001	5.64691E+000	7.74755E+000	1.38800E-002	2.57730E-001	2.57730E-001	0.00000E+000	1.19231E+003	1.19231E+003	5.16500E-002	0.00000E+000	1.19339E+003
Graders	3.10210E-001	2.70999E+000	2.46488E+000	3.63000E-003	1.49900E-001	1.38410E-001	0.00000E+000	3.22264E+002	3.22264E+002	7.82000E-002	0.00000E+000	3.23906E+002
Pavers	2.32680E-001	2.22716E+000	2.59341E+000	4.26000E-003	1.08400E-001	1.00440E-001	0.00000E+000	3.79799E+002	3.79799E+002	1.03360E-001	0.00000E+000	3.81970E+002
Paving Equipment	1.88180E-001	1.76760E+000	2.31915E+000	3.78000E-003	8.77200E-002	8.13100E-002	0.00000E+000	3.37399E+002	3.37399E+002	9.16700E-002	0.00000E+000	3.39324E+002
Rollers	1.85040E-001	1.75054E+000	1.74272E+000	2.47000E-003	1.07210E-001	9.90000E-002	0.00000E+000	2.20377E+002	2.20377E+002	6.00000E-002	0.00000E+000	2.21637E+002
Rubber Tired Dozers	1.45258E+000	1.41660E+001	1.12561E+001	1.49800E-002	6.43200E-001	5.94750E-001	0.00000E+000	1.39110E+003	1.39110E+003	3.58040E-001	0.00000E+000	1.39862E+003
Scrapers	9.90120E-001	9.71244E+000	7.10610E+000	1.66600E-002	3.83980E-001	3.55820E-001	0.00000E+000	1.54971E+003	1.54971E+003	3.76360E-001	0.00000E+000	1.55761E+003
Tractors/Loaders/ Backhoes	1.53199E+000	1.38365E+001	1.86947E+001	2.67600E-002	7.36770E-001	6.80920E-001	0.00000E+000	2.36070E+003	2.36070E+003	5.69030E-001	0.00000E+000	2.37265E+003
Welders	5.44220E-001	2.94059E+000	3.55715E+000	5.39000E-003	1.11990E-001	1.11990E-001	0.00000E+000	3.97051E+002	3.97051E+002	4.42300E-002	0.00000E+000	3.97980E+002

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Mitigated tons/yr						Mitigated mt/yr					
Air Compressors	1.16490E-001	2.65990E+000	3.59183E+000	5.82000E-003	7.76600E-002	7.76600E-002	0.00000E+000	5.00480E+002	5.00480E+002	2.95100E-002	0.00000E+000	5.01100E+002
Cranes	2.55730E-001	4.94412E+000	5.54083E+000	1.10600E-002	9.37700E-002	1.19340E-001	0.00000E+000	9.70006E+002	9.70006E+002	2.25540E-001	0.00000E+000	9.74742E+002
Excavators	1.44580E-001	2.79517E+000	4.45781E+000	6.20000E-003	6.74700E-002	6.74700E-002	0.00000E+000	5.49879E+002	5.49879E+002	1.32510E-001	0.00000E+000	5.52662E+002
Forklifts	2.38130E-001	5.43724E+000	7.34226E+000	1.02700E-002	1.58750E-001	1.58750E-001	0.00000E+000	9.01327E+002	9.01327E+002	2.11860E-001	0.00000E+000	9.05776E+002
Generator Sets	2.77190E-001	6.32919E+000	8.54672E+000	1.38600E-002	1.84790E-001	1.84790E-001	0.00000E+000	1.19089E+003	1.19089E+003	5.15900E-002	0.00000E+000	1.19197E+003
Graders	8.37700E-002	1.61962E+000	2.58301E+000	3.62000E-003	3.90900E-002	3.90900E-002	0.00000E+000	3.21881E+002	3.21881E+002	7.81100E-002	0.00000E+000	3.23521E+002
Pavers	2.32410E-001	2.22451E+000	2.59033E+000	4.25000E-003	1.08270E-001	1.00320E-001	0.00000E+000	3.79347E+002	3.79347E+002	1.03240E-001	0.00000E+000	3.81515E+002
Paving Equipment	9.02300E-002	1.74436E+000	2.78195E+000	3.78000E-003	4.21100E-002	4.21100E-002	0.00000E+000	3.36998E+002	3.36998E+002	9.15700E-002	0.00000E+000	3.38921E+002
Rollers	5.86100E-002	1.33822E+000	1.80708E+000	2.47000E-003	3.90700E-002	3.90700E-002	0.00000E+000	2.20115E+002	2.20115E+002	5.99300E-002	0.00000E+000	2.21374E+002
Rubber Tired Dozers	3.62350E-001	7.00542E+000	7.85090E+000	1.49600E-002	1.32860E-001	1.69100E-001	0.00000E+000	1.38944E+003	1.38944E+003	3.57620E-001	0.00000E+000	1.39695E+003
Scrapers	9.88950E-001	9.70088E+000	7.09764E+000	1.66400E-002	3.83520E-001	3.55400E-001	0.00000E+000	1.54787E+003	1.54787E+003	3.75910E-001	0.00000E+000	1.55576E+003
Tractors/Loaders/Backhoes	6.18210E-001	1.41158E+001	1.90615E+001	2.67300E-002	4.12140E-001	4.12140E-001	0.00000E+000	2.35789E+003	2.35789E+003	5.68350E-001	0.00000E+000	2.36983E+003
Welders	5.43580E-001	2.93709E+000	3.55292E+000	5.38000E-003	1.11850E-001	1.11850E-001	0.00000E+000	3.96579E+002	3.96579E+002	4.41800E-002	0.00000E+000	3.97507E+002

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	6.82138E-001	-7.37483E-002	-9.17913E-003	1.71527E-003	3.93376E-001	3.93376E-001	0.00000E+000	1.18960E-003	1.18960E-003	1.01557E-003	0.00000E+000	1.18960E-003
Cranes	6.09053E-001	2.13392E-001	-6.94138E-001	9.03342E-004	6.41099E-001	5.05798E-001	0.00000E+000	1.18961E-003	1.18961E-003	1.19570E-003	0.00000E+000	1.18961E-003
Excavators	4.64459E-001	-2.96299E-001	-1.68679E-001	0.00000E+000	3.56325E-001	3.04146E-001	0.00000E+000	1.18959E-003	1.18959E-003	1.20600E-003	0.00000E+000	1.18960E-003
Forklifts	6.61901E-001	7.46525E-002	8.19674E-003	9.72763E-004	5.47669E-001	5.09728E-001	0.00000E+000	1.18959E-003	1.18959E-003	1.17863E-003	0.00000E+000	1.18959E-003
Generator Sets	5.69226E-001	-1.20824E-001	-1.03151E-001	1.44092E-003	2.83009E-001	2.83009E-001	0.00000E+000	1.18959E-003	1.18959E-003	1.16167E-003	0.00000E+000	1.18959E-003
Graders	7.29957E-001	4.02352E-001	-4.79253E-002	2.75482E-003	7.39226E-001	7.17578E-001	0.00000E+000	1.18958E-003	1.18958E-003	1.15090E-003	0.00000E+000	1.18960E-003
Pavers	1.16039E-003	1.18986E-003	1.18763E-003	2.34742E-003	1.19926E-003	1.19474E-003	0.00000E+000	1.18960E-003	1.18960E-003	1.16099E-003	0.00000E+000	1.18960E-003
Paving Equipment	5.20512E-001	1.31478E-002	-1.99556E-001	0.00000E+000	5.19950E-001	4.82106E-001	0.00000E+000	1.18960E-003	1.18960E-003	1.09087E-003	0.00000E+000	1.18960E-003
Rollers	6.83258E-001	2.35539E-001	-3.69308E-002	0.00000E+000	6.35575E-001	6.05354E-001	0.00000E+000	1.18964E-003	1.18964E-003	1.16667E-003	0.00000E+000	1.18960E-003
Rubber Tired Dozers	7.50547E-001	5.05476E-001	3.02520E-001	1.33511E-003	7.93439E-001	7.15679E-001	0.00000E+000	1.18960E-003	1.18960E-003	1.17305E-003	0.00000E+000	1.18960E-003
Scrapers	1.18167E-003	1.19023E-003	1.19053E-003	1.20048E-003	1.19798E-003	1.18037E-003	0.00000E+000	1.18960E-003	1.18960E-003	1.19566E-003	0.00000E+000	1.18960E-003
Tractors/Loaders/Backhoes	5.96466E-001	-2.01901E-002	-1.96200E-002	1.12108E-003	4.40612E-001	3.94731E-001	0.00000E+000	1.18960E-003	1.18960E-003	1.19502E-003	0.00000E+000	1.18960E-003
Welders	1.17600E-003	1.19024E-003	1.18915E-003	1.85529E-003	1.25011E-003	1.25011E-003	0.00000E+000	1.18962E-003	1.18962E-003	1.13045E-003	0.00000E+000	1.18961E-003

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input		Mitigation Input		Mitigation Input	
Yes	Soil Stabilizer for unpaved Roads	PM10 Reduction	10.00	PM2.5 Reduction	10.00		
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	55.00	PM2.5 Reduction	55.00	Frequency (per day)	2.00

No	Unpaved Road Mitigation	Moisture Content %	0.00	Vehicle Speed (mph)	15.00		
No	Clean Paved Road	% PM Reduction	0.00				

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Architectural Coating Phase I	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating Phase I	Roads	2.34	0.62	2.34	0.62	0.00	0.00
Architectural Coating Phase II	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating Phase II	Roads	1.35	0.36	1.35	0.36	0.00	0.00
Architectural Coating Phase III	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating Phase III	Roads	1.12	0.30	1.12	0.30	0.00	0.00
Building Construction Phase I	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction Phase I	Roads	15.33	4.14	15.33	4.14	0.00	0.00
Building Construction Phase II	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction Phase II	Roads	8.04	2.17	8.04	2.17	0.00	0.00
Building Construction Phase III	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction Phase III	Roads	7.79	2.10	7.79	2.10	0.00	0.00
Grading Phase I	Fugitive Dust	4.41	1.52	1.98	0.68	0.55	0.55
Grading Phase I	Roads	0.03	0.01	0.03	0.01	0.00	0.00
Grading Phase II	Fugitive Dust	7.22	2.61	3.25	1.17	0.55	0.55
Grading Phase II	Roads	0.04	0.01	0.04	0.01	0.00	0.00
Grading Phase III	Fugitive Dust	3.63	1.09	1.63	0.49	0.55	0.55
Grading Phase III	Roads	0.02	0.01	0.02	0.01	0.00	0.00
Paving Phase I	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00

Paving Phase I	Roads	0.02	0.01	0.02	0.01	0.00	0.00
Paving Phase II	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Paving Phase II	Roads	0.02	0.01	0.02	0.01	0.00	0.00
Paving Phase III	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Paving Phase III	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Site Preparation Phase I	Fugitive Dust	6.68	3.67	3.01	1.65	0.55	0.55
Site Preparation Phase I	Roads	0.03	0.01	0.03	0.01	0.00	0.00
Site Preparation Phase II	Fugitive Dust	4.52	2.48	2.03	1.12	0.55	0.55
Site Preparation Phase II	Roads	0.02	0.00	0.02	0.00	0.00	0.00
Site Preparation Phase III	Fugitive Dust	1.17	0.65	0.53	0.29	0.55	0.55
Site Preparation Phase III	Roads	0.01	0.00	0.01	0.00	0.00	0.00

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	59.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.22	33.22	33.21	33.21	33.22
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	3.77	1.69	1.92	2.70	2.05	2.05	0.00	2.40	2.40	3.85	0.00	2.43
Mobile	4.10	3.85	2.72	4.77	4.52	4.52	0.00	4.78	4.78	4.30	0.00	4.78
Natural Gas	20.77	20.79	21.09	20.76	20.77	20.77	0.00	20.77	20.77	20.76	20.79	20.77
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	20.00	21.86	21.65	20.02	20.17	21.26
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting: Low Density Suburban

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value
No	Land Use	Increase Density	0.00	0.00	0.00	
No	Land Use	Increase Diversity	0.25	0.56		
No	Land Use	Improve Walkability Design	0.00	0.00		
No	Land Use	Improve Destination Accessibility	0.00	0.00		
No	Land Use	Increase Transit Accessibility	0.25	0.00		
Yes	Land Use	Integrate Below Market Rate Housing	0.12	291.00		
	Land Use	Land Use SubTotal	0.05			
No	Neighborhood Enhancements	Improve Pedestrian Network	2.00	Project Site and Connecting Off-Site		
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00	0.00		
No	Parking Policy Pricing	Unbundle Parking Costs	0.00	0.00		
No	Parking Policy Pricing	On-street Market Pricing	0.00	0.00		
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00	0.00		
Yes	Transit Improvements	Expand Transit Network	0.00	0.35		
No	Transit Improvements	Increase Transit Frequency	0.00		0.00	

	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.05			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"	3.00			
No	Commute	Workplace Parking Charge		0.00		
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program	5.00			
	Commute	Commute Subtotal	0.00			
No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.05			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
Yes	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
Yes	Use Low VOC Paint (Residential Interior)	100.00
Yes	Use Low VOC Paint (Residential Exterior)	100.00
Yes	Use Low VOC Paint (Non-residential Interior)	100.00
Yes	Use Low VOC Paint (Non-residential Exterior)	100.00

Yes	% Electric Lawnmower	8.00
Yes	% Electric Leafblower	8.00
Yes	% Electric Chainsaw	8.00

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
Yes	Exceed Title 24	25.00	
Yes	Install High Efficiency Lighting	100.00	
No	On-site Renewable	0.00	0.00

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy	0.00	0.00
Yes	Use Reclaimed Water	0.00	25.00
No	Use Grey Water	0.00	
Yes	Install low-flow bathroom faucet	32.00	
Yes	Install low-flow Kitchen faucet	18.00	

Yes	Install low-flow Toilet	20.00	
Yes	Install low-flow Shower	20.00	
Yes	Turf Reduction	20.00	
Yes	Use Water Efficient Irrigation Systems	20.00	
No	Water Efficient Landscape	0.00	0.00

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services Percent Reduction in Waste Disposed	

Amoruso Ranch Specific Plan

Placer County APCD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	34.00	1000sqft	4.09	34,000.00	0
Elementary School	800.00	Student	9.62	84,000.00	0
Apartments Mid Rise	982.00	Dwelling Unit	63.94	1,393,000.00	2592
Single Family Housing	1,845.00	Dwelling Unit	325.31	3,523,000.00	4870
Strip Mall	442.00	1000sqft	76.79	442,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	74
Climate Zone	2			**Operational Year**	2035
Utility Company	Roseville Electric				
CO2 Intensity (lb/MWhr)	793.8	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Refer to CalEEMod Input Table, Appendix A.

Construction Phase - Refer to CalEEMod Input Table, Appendix A.

Off-road Equipment - No construction

Trips and VMT - No Construction

Architectural Coating - PCAPCD Rule 218.

Vehicle Trips - Refer to CalEEMod Input Table, Appendix A.

Woodstoves - Refer to CalEEMod Table, Appendix A.

Area Coating - PCAPCD Rule 218

Water And Wastewater - Refer to CalEEMod Table, Appendix A.

Solid Waste - Refer to CalEEMod Table, Appendix A. Used default distribution. Landfill Calpture Gas Flare (%) refer to CalEEMod Table, Appendix A.

Land Use Change -

Construction Off-road Equipment Mitigation - Refer to CalEEMod Table in Appendix.

Mobile Land Use Mitigation - Refer to CalEEMod Table, Appendix A.

Area Mitigation - Refer to CalEEMod Table, Appendix A.

Energy Mitigation -

Water Mitigation - Refer to CalEEMod Table, Appendix A.

On-road Fugitive Dust - No Construction

Vechicle Emission Factors -

Vechicle Emission Factors -

Vechicle Emission Factors -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	280,000.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	840,000.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	3,318,300.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Interior	9,954,900.00	0.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00

tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	100
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	100
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	100
tblConstructionPhase	NumDays	550.00	1.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	540.10	0.00
tblFireplaces	NumberGas	1,014.75	923.00
tblFireplaces	NumberNoFireplace	98.20	982.00
tblFireplaces	NumberNoFireplace	184.50	922.00
tblFireplaces	NumberWood	343.70	0.00
tblFireplaces	NumberWood	645.75	0.00
tblLandUse	LandUseSquareFeet	66,882.70	84,000.00
tblLandUse	LandUseSquareFeet	982,000.00	1,393,000.00
tblLandUse	LandUseSquareFeet	3,321,000.00	3,523,000.00
tblLandUse	LotAcreage	0.78	4.09
tblLandUse	LotAcreage	1.54	9.62
tblLandUse	LotAcreage	25.84	63.94
tblLandUse	LotAcreage	599.03	325.31
tblLandUse	LotAcreage	10.15	76.79
tblLandUse	Population	2,809.00	2,592.00
tblLandUse	Population	5,277.00	4,870.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

tblOffRoadEquipment	UsageHours	6.00	0.00
tblOnRoadDust	MeanVehicleSpeed	40.00	0.00
tblProjectCharacteristics	OperationalYear	2014	2035
tblSolidWaste	SolidWasteGenerationRate	451.72	1,387.54
tblSolidWaste	SolidWasteGenerationRate	146.00	448.46
tblSolidWaste	SolidWasteGenerationRate	31.62	97.12
tblSolidWaste	SolidWasteGenerationRate	1,753.20	5,385.29
tblSolidWaste	SolidWasteGenerationRate	464.10	1,425.57
tblTripsAndVMT	WorkerTripNumber	312.00	0.00
tblVehicleTrips	CC_TL	7.30	6.56
tblVehicleTrips	CC_TL	7.30	6.56
tblVehicleTrips	CC_TL	7.30	6.56
tblVehicleTrips	CNW_TL	7.30	6.56
tblVehicleTrips	CNW_TL	7.30	6.56
tblVehicleTrips	CNW_TL	7.30	6.56
tblVehicleTrips	CW_TL	9.50	6.56
tblVehicleTrips	CW_TL	9.50	6.56
tblVehicleTrips	CW_TL	9.50	6.56
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	HO_TL	7.50	6.56
tblVehicleTrips	HO_TL	7.50	6.56
tblVehicleTrips	HS_TL	7.30	6.56
tblVehicleTrips	HS_TL	7.30	6.56
tblVehicleTrips	HW_TL	10.80	6.56

tblVehicleTrips	HW_TL	10.80	6.56
tblVehicleTrips	PB_TP	3.00	19.30
tblVehicleTrips	PB_TP	12.00	19.30
tblVehicleTrips	PB_TP	4.00	19.30
tblVehicleTrips	PB_TP	3.00	19.30
tblVehicleTrips	PB_TP	15.00	19.30
tblVehicleTrips	PR_TP	86.00	80.70
tblVehicleTrips	PR_TP	63.00	80.70
tblVehicleTrips	PR_TP	77.00	80.70
tblVehicleTrips	PR_TP	86.00	80.70
tblVehicleTrips	PR_TP	45.00	80.70
tblVehicleTrips	ST_TR	7.16	6.65
tblVehicleTrips	ST_TR	2.37	11.03
tblVehicleTrips	ST_TR	10.08	9.52
tblVehicleTrips	ST_TR	42.04	42.70
tblVehicleTrips	SU_TR	6.07	6.65
tblVehicleTrips	SU_TR	0.98	11.03
tblVehicleTrips	SU_TR	8.77	9.52
tblVehicleTrips	SU_TR	20.43	42.70
tblVehicleTrips	WD_TR	6.59	6.65
tblVehicleTrips	WD_TR	11.01	11.03
tblVehicleTrips	WD_TR	9.57	9.52
tblVehicleTrips	WD_TR	44.32	42.70
tblWater	IndoorWaterUseRate	63,981,253.16	46,591,087.37
tblWater	IndoorWaterUseRate	1,939,392.00	7,566,994.30
tblWater	IndoorWaterUseRate	6,042,947.43	2,423,546.28
tblWater	IndoorWaterUseRate	120,209,177.27	197,026,066.55
tblWater	IndoorWaterUseRate	32,740,054.50	78,379,813.95

tblWater	OutdoorWaterUseRate	40,336,007.43	27,312,016.73
tblWater	OutdoorWaterUseRate	4,987,008.00	4,815,360.01
tblWater	OutdoorWaterUseRate	3,703,741.97	1,530,660.81
tblWater	OutdoorWaterUseRate	75,784,046.54	115,498,039.01
tblWater	OutdoorWaterUseRate	20,066,485.01	8,708,868.22
tblWaterMitigation	UseWaterEfficientIrrigationSystemPercentReduction	6.1	20
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2017	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2017	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	30.3282	0.2414	20.9327	1.1100e-003		0.1672	0.1672		0.1667	0.1667	0.0000	761.3117	761.3117	0.0466	0.0133	766.4228
Energy	0.4097	3.5209	1.6375	0.0224		0.2830	0.2830		0.2830	0.2830	0.0000	12,736.2131	12,736.2131	0.3949	0.1400	12,787.8905
Mobile	36.6660	28.5878	148.1956	0.4885	31.5160	0.6621	32.1782	8.4515	0.6110	9.0625	0.0000	32,197.3347	32,197.3347	0.7632	0.0000	32,213.3609
Waste						0.0000	0.0000		0.0000	0.0000	1,774.9489	0.0000	1,774.9489	104.8965	0.0000	3,977.7749
Water						0.0000	0.0000		0.0000	0.0000	105.3243	845.7530	951.0773	10.8487	0.2618	1,260.0660
Total	**67.4038**	**32.3501**	**170.7658**	**0.5120**	**31.5160**	**1.1124**	**32.6284**	**8.4515**	**1.0607**	**9.5123**	**1,880.2732**	**46,540.6125**	**48,420.8857**	**116.9499**	**0.4151**	**51,005.5151**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	25.3985	0.2375	20.5303	1.0800e-003		0.1648	0.1648		0.1643	0.1643	0.0000	760.4872	760.4872	0.0454	0.0133	765.5722
Energy	0.3246	2.7888	1.2922	0.0177		0.2242	0.2242		0.2242	0.2242	0.0000	9,010.2778	9,010.2778	0.2734	0.1027	9,047.8603
Mobile	35.1216	27.5762	144.3736	0.4652	29.9393	0.6335	30.5728	8.0287	0.5846	8.6133	0.0000	30,657.4667	30,657.4667	0.7293	0.0000	30,672.7821
Waste						0.0000	0.0000		0.0000	0.0000	1,774.9489	0.0000	1,774.9489	104.8965	0.0000	3,977.7749
Water						0.0000	0.0000		0.0000	0.0000	84.2595	660.8801	745.1396	8.6768	0.2090	992.1472
Total	**60.8447**	**30.6025**	**166.1961**	**0.4840**	**29.9393**	**1.0225**	**30.9619**	**8.0287**	**0.9731**	**9.0018**	**1,859.2084**	**41,089.1119**	**42,948.3203**	**114.6214**	**0.3251**	**45,456.1367**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**9.73**	**5.40**	**2.68**	**5.47**	**5.00**	**8.08**	**5.11**	**5.00**	**8.26**	**5.37**	**1.12**	**11.71**	**11.30**	**1.99**	**21.69**	**10.88**

2.3 Vegetation

Vegetation

	CO2e
Category	MT
Vegetation Land Change	-2,160.4306
Total	**-2,160.4306**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Architectural Coating Phase III	Architectural Coating	1/1/2017	1/2/2017	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating Phase III	Air Compressors	0	0.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating Phase III	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Architectural Coating Phase III - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.2 Architectural Coating Phase III - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.2 Architectural Coating Phase III - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Integrate Below Market Rate Housing

Expand Transit Network

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Unmitigated	36.6660	28.5878	148.1956	0.4885	31.5160	0.6621	32.1782	8.4515	0.6110	9.0625	0.0000	32,197.3347	32,197.3347	0.7632	0.0000	32,213.3609
Mitigated	35.1216	27.5762	144.3736	0.4652	29.9393	0.6335	30.5728	8.0287	0.5846	8.6133	0.0000	30,657.4667	30,657.4667	0.7293	0.0000	30,672.7821

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	6,530.30	6,530.30	6530.30	12,629,679	11,997,826
Elementary School	1,032.00	0.00	0.00	1,425,643	1,354,319
General Office Building	375.02	375.02	375.02	725,293	689,007
Single Family Housing	17,564.40	17,564.40	17564.40	33,969,762	32,270,280
Strip Mall	18,873.40	18,873.40	18873.40	36,501,384	34,675,247
Total	44,375.12	43,343.12	43,343.12	85,251,761	80,986,679

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	6.56	6.56	6.56	42.60	21.00	36.40	80.7	0	19.3
Elementary School	6.56	6.56	6.56	65.00	30.00	5.00	80.7	0	19.3
General Office Building	6.56	6.56	6.56	33.00	48.00	19.00	80.7	0	19.3
Single Family Housing	6.56	6.56	6.56	42.60	21.00	36.40	80.7	0	19.3
Strip Mall	6.56	6.56	6.56	16.60	64.40	19.00	80.7	0	19.3

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.439610	0.064325	0.188519	0.165588	0.061617	0.008591	0.013985	0.042670	0.001725	0.001053	0.008236	0.000439	0.003642

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	5,798.2677	5,798.2677	0.2118	0.0438	5,816.3023
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	8,681.9922	8,681.9922	0.3172	0.0656	8,708.9963
NaturalGas Mitigated	0.3246	2.7888	1.2922	0.0177		0.2242	0.2242		0.2242	0.2242	0.0000	3,212.0102	3,212.0102	0.0616	0.0589	3,231.5579
NaturalGas Unmitigated	0.4097	3.5209	1.6375	0.0224		0.2830	0.2830		0.2830	0.2830	0.0000	4,054.2209	4,054.2209	0.0777	0.0743	4,078.8943

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	9.79788e+006	0.0528	0.4515	0.1921	2.8800e-003		0.0365	0.0365		0.0365	0.0365	0.0000	522.8520	522.8520	0.0100	9.5900e-003	526.0339
Elementary School	834960	4.5000e-003	0.0409	0.0344	2.5000e-004		3.1100e-003	3.1100e-003		3.1100e-003	3.1100e-003	0.0000	44.5567	44.5567	8.5000e-004	8.2000e-004	44.8278
General Office Building	588200	3.1700e-003	0.0288	0.0242	1.7000e-004		2.1900e-003	2.1900e-003		2.1900e-003	2.1900e-003	0.0000	31.3886	31.3886	6.0000e-004	5.8000e-004	31.5796
Single Family Housing	5.932e+007	0.3199	2.7334	1.1631	0.0175		0.2210	0.2210		0.2210	0.2210	0.0000	3,165.5419	3,165.5419	0.0607	0.0580	3,184.8069
Strip Mall	5.43218e+006	0.0293	0.2663	0.2237	1.6000e-003		0.0202	0.0202		0.0202	0.0202	0.0000	289.8818	289.8818	5.5600e-003	5.3100e-003	291.6460
Total		**0.4097**	**3.5209**	**1.6375**	**0.0224**		**0.2830**	**0.2830**		**0.2830**	**0.2830**	**0.0000**	**4,054.2209**	**4,054.2209**	**0.0777**	**0.0743**	**4,078.8943**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	7.76974e+006	0.0419	0.3580	0.1524	2.2900e-003		0.0290	0.0290		0.0290	0.0290	0.0000	414.6228	414.6228	7.9500e-003	7.6000e-003	417.1462
Elementary School	635040	3.4200e-003	0.0311	0.0262	1.9000e-004		2.3700e-003	2.3700e-003		2.3700e-003	2.3700e-003	0.0000	33.8882	33.8882	6.5000e-004	6.2000e-004	34.0944
General Office Building	445145	2.4000e-003	0.0218	0.0183	1.3000e-004		1.6600e-003	1.6600e-003		1.6600e-003	1.6600e-003	0.0000	23.7546	23.7546	4.6000e-004	4.4000e-004	23.8992
Single Family Housing	4.7227e+007	0.2547	2.1761	0.9260	0.0139		0.1759	0.1759		0.1759	0.1759	0.0000	2,520.2104	2,520.2104	0.0483	0.0462	2,535.5479
Strip Mall	4.11391e+006	0.0222	0.2017	0.1694	1.2100e-003		0.0153	0.0153		0.0153	0.0153	0.0000	219.5342	219.5342	4.2100e-003	4.0200e-003	220.8702
Total		**0.3246**	**2.7888**	**1.2923**	**0.0177**		**0.2243**	**0.2243**		**0.2243**	**0.2243**	**0.0000**	**3,212.0102**	**3,212.0102**	**0.0616**	**0.0589**	**3,231.5579**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	3.55326e+006	1,279.3922	0.0467	9.6700e-003	1,283.3716
Elementary School	539280	194.1740	7.0900e-003	1.4700e-003	194.7780
General Office Building	379780	136.7442	5.0000e-003	1.0300e-003	137.1695
Single Family Housing	1.37218e+007	4,940.7002	0.1805	0.0373	4,956.0676
Strip Mall	5.91838e+006	2,130.9815	0.0779	0.0161	2,137.6096
Total		**8,681.9922**	**0.3172**	**0.0656**	**8,708.9963**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	2.746e+006	988.7278	0.0361	7.4700e-003	991.8031
Elementary School	264180	95.1211	3.4800e-003	7.2000e-004	95.4169
General Office Building	223295	80.4000	2.9400e-003	6.1000e-004	80.6500
Single Family Housing	1.0417e+007	3,750.7517	0.1370	0.0284	3,762.4178
Strip Mall	2.4531e+006	883.2672	0.0323	6.6800e-003	886.0144
Total		**5,798.2677**	**0.2118**	**0.0438**	**5,816.3023**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Unmitigated	30.3282	0.2414	20.9327	1.1100e-003		0.1672	0.1672		0.1667	0.1667	0.0000	761.3117	761.3117	0.0466	0.0133	766.4228
Mitigated	25.3985	0.2375	20.5303	1.0800e-003		0.1648	0.1648		0.1643	0.1643	0.0000	760.4872	760.4872	0.0454	0.0133	765.5722

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	8.2417					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	21.3865					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0735	0.0000	4.0100e-003	0.0000		0.0508	0.0508		0.0502	0.0502	0.0000	727.0008	727.0008	0.0139	0.0133	731.4252
Landscaping	0.6265	0.2414	20.9287	1.1100e-003		0.1165	0.1165		0.1165	0.1165	0.0000	34.3109	34.3109	0.0327	0.0000	34.9976
Total	**30.3282**	**0.2414**	**20.9327**	**1.1100e-003**		**0.1672**	**0.1672**		**0.1667**	**0.1667**	**0.0000**	**761.3117**	**761.3117**	**0.0466**	**0.0133**	**766.4228**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	3.3356					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	21.3865					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0735	0.0000	4.0100e-003	0.0000		0.0508	0.0508		0.0502	0.0502	0.0000	727.0008	727.0008	0.0139	0.0133	731.4252
Landscaping	0.6029	0.2375	20.5263	1.0800e-003		0.1141	0.1141		0.1141	0.1141	0.0000	33.4865	33.4865	0.0315	0.0000	34.1470
Total	**25.3985**	**0.2375**	**20.5303**	**1.0800e-003**		**0.1648**	**0.1648**		**0.1643**	**0.1643**	**0.0000**	**760.4872**	**760.4872**	**0.0454**	**0.0133**	**765.5722**

7.0 Water Detail

7.1 Mitigation Measures Water

Use Reclaimed Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Turf Reduction

Use Water Efficient Irrigation System

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Unmitigated	951.0773	10.8487	0.2618	1,260.0660
Mitigated	745.1396	8.6768	0.2090	992.1472

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	46.5911 / 27.312	139.9733	1.5227	0.0368	183.3570
Elementary School	7.56699 / 4.81536	23.2118	0.2473	5.9800e-003	30.2593
General Office Building	2.42355 / 1.53066	7.4196	0.0792	1.9100e-003	9.6768
Single Family Housing	197.026 / 115.498	591.9243	6.4394	0.1556	775.3867
Strip Mall	78.3798 / 8.70887	188.5482	2.5600	0.0615	261.3862
Total		**951.0773**	**10.8487**	**0.2618**	**1,260.0660**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	37.2729 / 19.6912	109.2586	1.2179	0.0294	143.9382
Elementary School	6.0536 / 3.47174	18.0898	0.1978	4.7700e-003	23.7233
General Office Building	1.93884 / 1.10356	5.7833	0.0634	1.5300e-003	7.5875
Single Family Housing	157.621 / 83.2708	462.0367	5.1502	0.1242	608.6910
Strip Mall	62.7039 / 6.27885	149.9712	2.0476	0.0492	208.2072
Total		**745.1396**	**8.6768**	**0.2090**	**992.1472**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1,774.9489	104.8965	0.0000	3,977.7749
Unmitigated	1,774.9489	104.8965	0.0000	3,977.7749

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	1387.54	281.6581	16.6455	0.0000	631.2139
Elementary School	448.46	91.0333	5.3799	0.0000	204.0116
General Office Building	97.12	19.7145	1.1651	0.0000	44.1814
Single Family Housing	5385.29	1,093.1652	64.6042	0.0000	2,449.8537
Strip Mall	1425.57	289.3778	17.1017	0.0000	648.5144
Total		**1,774.9489**	**104.8965**	**0.0000**	**3,977.7749**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	1387.54	281.6581	16.6455	0.0000	631.2139
Elementary School	448.46	91.0333	5.3799	0.0000	204.0116
General Office Building	97.12	19.7145	1.1651	0.0000	44.1814
Single Family Housing	5385.29	1,093.1652	64.6042	0.0000	2,449.8537
Strip Mall	1425.57	289.3778	17.1017	0.0000	648.5144
Total		**1,774.9489**	**104.8965**	**0.0000**	**3,977.7749**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Vegetation

	Total CO2	CH4	N2O	CO2e
Category	MT			
Unmitigated	-2,160.4306	0.0000	0.0000	-2,160.4306

10.1 Vegetation Land Change

Vegetation Type

	Initial/Final	Total CO2	CH4	N2O	CO2e
	Acres	MT			
Grassland	625.53 / 124.27	-2,160.4306	0.0000	0.0000	-2,160.4306
Total		**-2,160.4306**	**0.0000**	**0.0000**	**-2,160.4306**

Amoruso Ranch Specific Plan

Placer County APCD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	34.00	1000sqft	4.09	34,000.00	0
Elementary School	800.00	Student	9.62	84,000.00	0
Apartments Mid Rise	982.00	Dwelling Unit	63.94	1,393,000.00	2592
Single Family Housing	1,845.00	Dwelling Unit	325.31	3,523,000.00	4870
Strip Mall	442.00	1000sqft	76.79	442,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	74
Climate Zone	2			**Operational Year**	2035
Utility Company	Roseville Electric				
CO2 Intensity (lb/MWhr)	793.8	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Refer to CalEEMod Input Table, Appendix A.

Construction Phase - Refer to CalEEMod Input Table, Appendix A.

Off-road Equipment - No construction

Trips and VMT - No Construction

Architectural Coating - PCAPCD Rule 218.

Vehicle Trips - Refer to CalEEMod Input Table, Appendix A.

Woodstoves - Refer to CalEEMod Table, Appendix A.

Area Coating - PCAPCD Rule 218

Water And Wastewater - Refer to CalEEMod Table, Appendix A.

Solid Waste - Refer to CalEEMod Table, Appendix A. Used default distribution. Landfill Calpture Gas Flare (%) refer to CalEEMod Table, Appendix A.

Land Use Change -

Construction Off-road Equipment Mitigation - Refer to CalEEMod Table in Appendix.

Mobile Land Use Mitigation - Refer to CalEEMod Table, Appendix A.

Area Mitigation - Refer to CalEEMod Table, Appendix A.

Energy Mitigation -

Water Mitigation - Refer to CalEEMod Table, Appendix A.

On-road Fugitive Dust - No Construction

Vechicle Emission Factors -

Vechicle Emission Factors -

Vechicle Emission Factors -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	280,000.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	840,000.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	3,318,300.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Interior	9,954,900.00	0.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00

tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	100
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	100
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	100
tblConstructionPhase	NumDays	550.00	1.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	540.10	0.00
tblFireplaces	NumberGas	1,014.75	923.00
tblFireplaces	NumberNoFireplace	98.20	982.00
tblFireplaces	NumberNoFireplace	184.50	922.00
tblFireplaces	NumberWood	343.70	0.00
tblFireplaces	NumberWood	645.75	0.00
tblLandUse	LandUseSquareFeet	66,882.70	84,000.00
tblLandUse	LandUseSquareFeet	982,000.00	1,393,000.00
tblLandUse	LandUseSquareFeet	3,321,000.00	3,523,000.00
tblLandUse	LotAcreage	0.78	4.09
tblLandUse	LotAcreage	1.54	9.62
tblLandUse	LotAcreage	25.84	63.94
tblLandUse	LotAcreage	599.03	325.31
tblLandUse	LotAcreage	10.15	76.79
tblLandUse	Population	2,809.00	2,592.00
tblLandUse	Population	5,277.00	4,870.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

tblOffRoadEquipment	UsageHours	6.00	0.00
tblOnRoadDust	MeanVehicleSpeed	40.00	0.00
tblProjectCharacteristics	OperationalYear	2014	2035
tblSolidWaste	SolidWasteGenerationRate	451.72	1,387.54
tblSolidWaste	SolidWasteGenerationRate	146.00	448.46
tblSolidWaste	SolidWasteGenerationRate	31.62	97.12
tblSolidWaste	SolidWasteGenerationRate	1,753.20	5,385.29
tblSolidWaste	SolidWasteGenerationRate	464.10	1,425.57
tblTripsAndVMT	WorkerTripNumber	312.00	0.00
tblVehicleTrips	CC_TL	7.30	6.56
tblVehicleTrips	CC_TL	7.30	6.56
tblVehicleTrips	CC_TL	7.30	6.56
tblVehicleTrips	CNW_TL	7.30	6.56
tblVehicleTrips	CNW_TL	7.30	6.56
tblVehicleTrips	CNW_TL	7.30	6.56
tblVehicleTrips	CW_TL	9.50	6.56
tblVehicleTrips	CW_TL	9.50	6.56
tblVehicleTrips	CW_TL	9.50	6.56
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	HO_TL	7.50	6.56
tblVehicleTrips	HO_TL	7.50	6.56
tblVehicleTrips	HS_TL	7.30	6.56
tblVehicleTrips	HS_TL	7.30	6.56
tblVehicleTrips	HW_TL	10.80	6.56

tblVehicleTrips	HW_TL	10.80	6.56
tblVehicleTrips	PB_TP	3.00	19.30
tblVehicleTrips	PB_TP	12.00	19.30
tblVehicleTrips	PB_TP	4.00	19.30
tblVehicleTrips	PB_TP	3.00	19.30
tblVehicleTrips	PB_TP	15.00	19.30
tblVehicleTrips	PR_TP	86.00	80.70
tblVehicleTrips	PR_TP	63.00	80.70
tblVehicleTrips	PR_TP	77.00	80.70
tblVehicleTrips	PR_TP	86.00	80.70
tblVehicleTrips	PR_TP	45.00	80.70
tblVehicleTrips	ST_TR	7.16	6.65
tblVehicleTrips	ST_TR	2.37	11.03
tblVehicleTrips	ST_TR	10.08	9.52
tblVehicleTrips	ST_TR	42.04	42.70
tblVehicleTrips	SU_TR	6.07	6.65
tblVehicleTrips	SU_TR	0.98	11.03
tblVehicleTrips	SU_TR	8.77	9.52
tblVehicleTrips	SU_TR	20.43	42.70
tblVehicleTrips	WD_TR	6.59	6.65
tblVehicleTrips	WD_TR	11.01	11.03
tblVehicleTrips	WD_TR	9.57	9.52
tblVehicleTrips	WD_TR	44.32	42.70
tblWater	IndoorWaterUseRate	63,981,253.16	46,591,087.37
tblWater	IndoorWaterUseRate	1,939,392.00	7,566,994.30
tblWater	IndoorWaterUseRate	6,042,947.43	2,423,546.28
tblWater	IndoorWaterUseRate	120,209,177.27	197,026,066.55
tblWater	IndoorWaterUseRate	32,740,054.50	78,379,813.95

tblWater	OutdoorWaterUseRate	40,336,007.43	27,312,016.73
tblWater	OutdoorWaterUseRate	4,987,008.00	4,815,360.01
tblWater	OutdoorWaterUseRate	3,703,741.97	1,530,660.81
tblWater	OutdoorWaterUseRate	75,784,046.54	115,498,039.01
tblWater	OutdoorWaterUseRate	20,066,485.01	8,708,868.22
tblWaterMitigation	UseWaterEfficientIrrigationSystemPercentReduction	6.1	20
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2017	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2017	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	171.0991	2.6826	232.6386	0.0123		2.5318	2.5318		2.5187	2.5187	0.0000	19,966.1190	19,966.1190	0.7751	0.3583	20,093.4823
Energy	2.2447	19.2926	8.9728	0.1224		1.5509	1.5509		1.5509	1.5509		24,487.7458	24,487.7458	0.4694	0.4489	24,636.7741
Mobile	210.2570	148.5842	773.5286	2.9040	182.2232	3.6590	185.8822	48.6867	3.3764	52.0631		209,445.0501	209,445.0501	4.6508		209,542.7177
Total	**383.6009**	**170.5593**	**1,015.1399**	**3.0387**	**182.2232**	**7.7417**	**189.9648**	**48.6867**	**7.4460**	**56.1327**	**0.0000**	**253,898.9148**	**253,898.9148**	**5.8953**	**0.8073**	**254,272.9741**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	143.9548	2.6387	228.1672	0.0120		2.5055	2.5055		2.4924	2.4924	0.0000	19,956.0214	19,956.0214	0.7599	0.3583	20,083.0642
Energy	1.7784	15.2810	7.0808	0.0970		1.2287	1.2287		1.2287	1.2287		19,400.7404	19,400.7404	0.3719	0.3557	19,518.8101
Mobile	201.8609	143.3990	748.6215	2.7648	173.1067	3.5003	176.6069	46.2510	3.2300	49.4809		199,408.9397	199,408.9397	4.4442		199,502.2683
Total	**347.5941**	**161.3187**	**983.8694**	**2.8738**	**173.1067**	**7.2344**	**180.3411**	**46.2510**	**6.9511**	**53.2021**	**0.0000**	**238,765.7015**	**238,765.7015**	**5.5759**	**0.7140**	**239,104.1426**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**9.39**	**5.42**	**3.08**	**5.43**	**5.00**	**6.55**	**5.07**	**5.00**	**6.65**	**5.22**	**0.00**	**5.96**	**5.96**	**5.42**	**11.55**	**5.97**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Architectural Coating Phase III	Architectural Coating	1/1/2017	1/2/2017	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating Phase III	Air Compressors	0	0.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating Phase III	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Architectural Coating Phase III - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.2 Architectural Coating Phase III - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.2 Architectural Coating Phase III - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Integrate Below Market Rate Housing

Expand Transit Network

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Unmitigated	210.2570	148.5842	773.5286	2.9040	182.2232	3.6590	185.8822	48.6867	3.3764	52.0631		209,445.0501	209,445.0501	4.6508		209,542.7177
Mitigated	201.8609	143.3990	748.6215	2.7648	173.1067	3.5003	176.6069	46.2510	3.2300	49.4809		199,408.9397	199,408.9397	4.4442		199,502.2683

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	6,530.30	6,530.30	6530.30	12,629,679	11,997,826
Elementary School	1,032.00	0.00	0.00	1,425,643	1,354,319
General Office Building	375.02	375.02	375.02	725,293	689,007
Single Family Housing	17,564.40	17,564.40	17564.40	33,969,762	32,270,280
Strip Mall	18,873.40	18,873.40	18873.40	36,501,384	34,675,247
Total	44,375.12	43,343.12	43,343.12	85,251,761	80,986,679

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	6.56	6.56	6.56	42.60	21.00	36.40	80.7	0	19.3
Elementary School	6.56	6.56	6.56	65.00	30.00	5.00	80.7	0	19.3
General Office Building	6.56	6.56	6.56	33.00	48.00	19.00	80.7	0	19.3
Single Family Housing	6.56	6.56	6.56	42.60	21.00	36.40	80.7	0	19.3
Strip Mall	6.56	6.56	6.56	16.60	64.40	19.00	80.7	0	19.3

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.439610	0.064325	0.188519	0.165588	0.061617	0.008591	0.013985	0.042670	0.001725	0.001053	0.008236	0.000439	0.003642

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.7784	15.2810	7.0808	0.0970		1.2287	1.2287		1.2287	1.2287		19,400.7404	19,400.7404	0.3719	0.3557	19,518.8101
NaturalGas Unmitigated	2.2447	19.2926	8.9728	0.1224		1.5509	1.5509		1.5509	1.5509		24,487.7458	24,487.7458	0.4694	0.4489	24,636.7741

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	26843.5	0.2895	2.4738	1.0527	0.0158		0.2000	0.2000		0.2000	0.2000		3,158.0582	3,158.0582	0.0605	0.0579	3,177.2776
Elementary School	2287.56	0.0247	0.2243	0.1884	1.3500e-003		0.0170	0.0170		0.0170	0.0170		269.1249	269.1249	5.1600e-003	4.9300e-003	270.7628
General Office Building	1611.51	0.0174	0.1580	0.1327	9.5000e-004		0.0120	0.0120		0.0120	0.0120		189.5890	189.5890	3.6300e-003	3.4800e-003	190.7429
Single Family Housing	162521	1.7527	14.9774	6.3734	0.0956		1.2109	1.2109		1.2109	1.2109		19,120.0695	19,120.0695	0.3665	0.3505	19,236.4311
Strip Mall	14882.7	0.1605	1.4591	1.2256	8.7500e-003		0.1109	0.1109		0.1109	0.1109		1,750.9041	1,750.9041	0.0336	0.0321	1,761.5598
Total		**2.2447**	**19.2926**	**8.9728**	**0.1224**		**1.5509**	**1.5509**		**1.5509**	**1.5509**		**24,487.7458**	**24,487.7458**	**0.4694**	**0.4489**	**24,636.7741**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Elementary School	1.73984	0.0188	0.1706	0.1433	1.0200e-003		0.0130	0.0130		0.0130	0.0130		204.6865	204.6865	3.9200e-003	3.7500e-003	205.9322
General Office Building	1.21958	0.0132	0.1196	0.1004	7.2000e-004		9.0900e-003	9.0900e-003		9.0900e-003	9.0900e-003		143.4795	143.4795	2.7500e-003	2.6300e-003	144.3526
Single Family Housing	129.389	1.3954	11.9241	5.0741	0.0761		0.9641	0.9641		0.9641	0.9641		15,222.2268	15,222.2268	0.2918	0.2791	15,314.8667
Strip Mall	11.271	0.1216	1.1050	0.9282	6.6300e-003		0.0840	0.0840		0.0840	0.0840		1,326.0000	1,326.0000	0.0254	0.0243	1,334.0698
Apartments Mid Rise	21.287	0.2296	1.9617	0.8348	0.0125		0.1586	0.1586		0.1586	0.1586		2,504.3477	2,504.3477	0.0480	0.0459	2,519.5887
Total		**1.7784**	**15.2810**	**7.0808**	**0.0970**		**1.2287**	**1.2287**		**1.2287**	**1.2287**		**19,400.7404**	**19,400.7404**	**0.3718**	**0.3557**	**19,518.8101**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Unmitigated	171.0991	2.6826	232.6386	0.0123		2.5318	2.5318		2.5187	2.5187	0.0000	19,966.1190	19,966.1190	0.7751	0.3583	20,093.4823
Mitigated	143.9548	2.6387	228.1672	0.0120		2.5055	2.5055		2.4924	2.4924	0.0000	19,956.0214	19,956.0214	0.7599	0.3583	20,083.0642

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	45.1601					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	117.1864					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.7917	8.0000e-005	0.0977	0.0000		1.2379	1.2379		1.2249	1.2249	0.0000	19,545.8824	19,545.8824	0.3746	0.3583	19,664.8353
Landscaping	6.9609	2.6825	232.5408	0.0123		1.2939	1.2939		1.2939	1.2939		420.2366	420.2366	0.4005		428.6470
Total	**171.0991**	**2.6826**	**232.6386**	**0.0123**		**2.5318**	**2.5318**		**2.5187**	**2.5187**	**0.0000**	**19,966.1190**	**19,966.1190**	**0.7751**	**0.3583**	**20,093.4823**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	18.2774					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	117.1864					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.7917	8.0000e-005	0.0977	0.0000		1.2379	1.2379		1.2249	1.2249	0.0000	19,545.8824	19,545.8824	0.3746	0.3583	19,664.8353
Landscaping	6.6993	2.6387	228.0694	0.0120		1.2676	1.2676		1.2676	1.2676		410.1390	410.1390	0.3852		418.2288
Total	**143.9548**	**2.6387**	**228.1672**	**0.0120**		**2.5055**	**2.5055**		**2.4924**	**2.4924**	**0.0000**	**19,956.0214**	**19,956.0214**	**0.7599**	**0.3583**	**20,083.0642**

7.0 Water Detail

7.1 Mitigation Measures Water

Use Reclaimed Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Turf Reduction

Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Vegetation

Amoruso Ranch Specific Plan

Placer County APCD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	34.00	1000sqft	4.09	34,000.00	0
Elementary School	800.00	Student	9.62	84,000.00	0
Apartments Mid Rise	982.00	Dwelling Unit	63.94	1,393,000.00	2592
Single Family Housing	1,845.00	Dwelling Unit	325.31	3,523,000.00	4870
Strip Mall	442.00	1000sqft	76.79	442,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	74
Climate Zone	2			**Operational Year**	2035
Utility Company	Roseville Electric				
CO2 Intensity (lb/MWhr)	793.8	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Refer to CalEEMod Input Table, Appendix A.

Construction Phase - Refer to CalEEMod Input Table, Appendix A.

Off-road Equipment - No construction

Trips and VMT - No Construction

Architectural Coating - PCAPCD Rule 218.

Vehicle Trips - Refer to CalEEMod Input Table, Appendix A.

Woodstoves - Refer to CalEEMod Table, Appendix A.

Area Coating - PCAPCD Rule 218

Water And Wastewater - Refer to CalEEMod Table, Appendix A.

Solid Waste - Refer to CalEEMod Table, Appendix A. Used default distribution. Landfill Calpture Gas Flare (%) refer to CalEEMod Table, Appendix A.

Land Use Change -

Construction Off-road Equipment Mitigation - Refer to CalEEMod Table in Appendix.

Mobile Land Use Mitigation - Refer to CalEEMod Table, Appendix A.

Area Mitigation - Refer to CalEEMod Table, Appendix A.

Energy Mitigation -

Water Mitigation - Refer to CalEEMod Table, Appendix A.

On-road Fugitive Dust - No Construction

Vechicle Emission Factors -

Vechicle Emission Factors -

Vechicle Emission Factors -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	280,000.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	840,000.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	3,318,300.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Interior	9,954,900.00	0.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00

tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	100
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	100
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	100
tblConstructionPhase	NumDays	550.00	1.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	540.10	0.00
tblFireplaces	NumberGas	1,014.75	923.00
tblFireplaces	NumberNoFireplace	98.20	982.00
tblFireplaces	NumberNoFireplace	184.50	922.00
tblFireplaces	NumberWood	343.70	0.00
tblFireplaces	NumberWood	645.75	0.00
tblLandUse	LandUseSquareFeet	66,882.70	84,000.00
tblLandUse	LandUseSquareFeet	982,000.00	1,393,000.00
tblLandUse	LandUseSquareFeet	3,321,000.00	3,523,000.00
tblLandUse	LotAcreage	0.78	4.09
tblLandUse	LotAcreage	1.54	9.62
tblLandUse	LotAcreage	25.84	63.94
tblLandUse	LotAcreage	599.03	325.31
tblLandUse	LotAcreage	10.15	76.79
tblLandUse	Population	2,809.00	2,592.00
tblLandUse	Population	5,277.00	4,870.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

tblOffRoadEquipment	UsageHours	6.00	0.00
tblOnRoadDust	MeanVehicleSpeed	40.00	0.00
tblProjectCharacteristics	OperationalYear	2014	2035
tblSolidWaste	SolidWasteGenerationRate	451.72	1,387.54
tblSolidWaste	SolidWasteGenerationRate	146.00	448.46
tblSolidWaste	SolidWasteGenerationRate	31.62	97.12
tblSolidWaste	SolidWasteGenerationRate	1,753.20	5,385.29
tblSolidWaste	SolidWasteGenerationRate	464.10	1,425.57
tblTripsAndVMT	WorkerTripNumber	312.00	0.00
tblVehicleTrips	CC_TL	7.30	6.56
tblVehicleTrips	CC_TL	7.30	6.56
tblVehicleTrips	CC_TL	7.30	6.56
tblVehicleTrips	CNW_TL	7.30	6.56
tblVehicleTrips	CNW_TL	7.30	6.56
tblVehicleTrips	CNW_TL	7.30	6.56
tblVehicleTrips	CW_TL	9.50	6.56
tblVehicleTrips	CW_TL	9.50	6.56
tblVehicleTrips	CW_TL	9.50	6.56
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	HO_TL	7.50	6.56
tblVehicleTrips	HO_TL	7.50	6.56
tblVehicleTrips	HS_TL	7.30	6.56
tblVehicleTrips	HS_TL	7.30	6.56
tblVehicleTrips	HW_TL	10.80	6.56

tblVehicleTrips	HW_TL	10.80	6.56
tblVehicleTrips	PB_TP	3.00	19.30
tblVehicleTrips	PB_TP	12.00	19.30
tblVehicleTrips	PB_TP	4.00	19.30
tblVehicleTrips	PB_TP	3.00	19.30
tblVehicleTrips	PB_TP	15.00	19.30
tblVehicleTrips	PR_TP	86.00	80.70
tblVehicleTrips	PR_TP	63.00	80.70
tblVehicleTrips	PR_TP	77.00	80.70
tblVehicleTrips	PR_TP	86.00	80.70
tblVehicleTrips	PR_TP	45.00	80.70
tblVehicleTrips	ST_TR	7.16	6.65
tblVehicleTrips	ST_TR	2.37	11.03
tblVehicleTrips	ST_TR	10.08	9.52
tblVehicleTrips	ST_TR	42.04	42.70
tblVehicleTrips	SU_TR	6.07	6.65
tblVehicleTrips	SU_TR	0.98	11.03
tblVehicleTrips	SU_TR	8.77	9.52
tblVehicleTrips	SU_TR	20.43	42.70
tblVehicleTrips	WD_TR	6.59	6.65
tblVehicleTrips	WD_TR	11.01	11.03
tblVehicleTrips	WD_TR	9.57	9.52
tblVehicleTrips	WD_TR	44.32	42.70
tblWater	IndoorWaterUseRate	63,981,253.16	46,591,087.37
tblWater	IndoorWaterUseRate	1,939,392.00	7,566,994.30
tblWater	IndoorWaterUseRate	6,042,947.43	2,423,546.28
tblWater	IndoorWaterUseRate	120,209,177.27	197,026,066.55
tblWater	IndoorWaterUseRate	32,740,054.50	78,379,813.95

tblWater	OutdoorWaterUseRate	40,336,007.43	27,312,016.73
tblWater	OutdoorWaterUseRate	4,987,008.00	4,815,360.01
tblWater	OutdoorWaterUseRate	3,703,741.97	1,530,660.81
tblWater	OutdoorWaterUseRate	75,784,046.54	115,498,039.01
tblWater	OutdoorWaterUseRate	20,066,485.01	8,708,868.22
tblWaterMitigation	UseWaterEfficientIrrigationSystemPercentReduction	6.1	20
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2017	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2017	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	171.0991	2.6826	232.6386	0.0123		2.5318	2.5318		2.5187	2.5187	0.0000	19,966.1190	19,966.1190	0.7751	0.3583	20,093.4823
Energy	2.2447	19.2926	8.9728	0.1224		1.5509	1.5509		1.5509	1.5509		24,487.7458	24,487.7458	0.4694	0.4489	24,636.7741
Mobile	228.3283	164.4891	944.9958	2.6524	182.2232	3.6777	185.9008	48.6867	3.3935	52.0802		192,916.4075	192,916.4075	4.6694		193,014.4641
Total	**401.6722**	**186.4642**	**1,186.6071**	**2.7871**	**182.2232**	**7.7603**	**189.9835**	**48.6867**	**7.4631**	**56.1499**	**0.0000**	**237,370.2722**	**237,370.2722**	**5.9138**	**0.8073**	**237,744.7205**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	143.9548	2.6387	228.1672	0.0120		2.5055	2.5055		2.4924	2.4924	0.0000	19,956.0214	19,956.0214	0.7599	0.3583	20,083.0642
Energy	1.7784	15.2810	7.0808	0.0970		1.2287	1.2287		1.2287	1.2287		19,400.7404	19,400.7404	0.3719	0.3557	19,518.8101
Mobile	218.4109	158.6410	924.2137	2.5258	173.1067	3.5189	176.6255	46.2510	3.2471	49.4981		183,685.2679	183,685.2679	4.4628		183,778.9856
Total	**364.1440**	**176.5607**	**1,159.4617**	**2.6347**	**173.1067**	**7.2530**	**180.3597**	**46.2510**	**6.9683**	**53.2192**	**0.0000**	**223,042.0297**	**223,042.0297**	**5.5945**	**0.7140**	**223,380.8599**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**9.34**	**5.31**	**2.29**	**5.47**	**5.00**	**6.54**	**5.07**	**5.00**	**6.63**	**5.22**	**0.00**	**6.04**	**6.04**	**5.40**	**11.55**	**6.04**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Architectural Coating Phase III	Architectural Coating	1/1/2017	1/2/2017	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating Phase III	Air Compressors	0	0.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating Phase III	0	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Architectural Coating Phase III - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.2 Architectural Coating Phase III - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.2 Architectural Coating Phase III - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Integrate Below Market Rate Housing

Expand Transit Network

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Unmitigated	228.3283	164.4891	944.9958	2.6524	182.2232	3.6777	185.9008	48.6867	3.3935	52.0802		192,916.4075	192,916.4075	4.6694		193,014.4641
Mitigated	218.4109	158.6410	924.2137	2.5258	173.1067	3.5189	176.6255	46.2510	3.2471	49.4981		183,685.2679	183,685.2679	4.4628		183,778.9856

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	6,530.30	6,530.30	6530.30	12,629,679	11,997,826
Elementary School	1,032.00	0.00	0.00	1,425,643	1,354,319
General Office Building	375.02	375.02	375.02	725,293	689,007
Single Family Housing	17,564.40	17,564.40	17564.40	33,969,762	32,270,280
Strip Mall	18,873.40	18,873.40	18873.40	36,501,384	34,675,247
Total	44,375.12	43,343.12	43,343.12	85,251,761	80,986,679

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	6.56	6.56	6.56	42.60	21.00	36.40	80.7	0	19.3
Elementary School	6.56	6.56	6.56	65.00	30.00	5.00	80.7	0	19.3
General Office Building	6.56	6.56	6.56	33.00	48.00	19.00	80.7	0	19.3
Single Family Housing	6.56	6.56	6.56	42.60	21.00	36.40	80.7	0	19.3
Strip Mall	6.56	6.56	6.56	16.60	64.40	19.00	80.7	0	19.3

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.439610	0.064325	0.188519	0.165588	0.061617	0.008591	0.013985	0.042670	0.001725	0.001053	0.008236	0.000439	0.003642

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.7784	15.2810	7.0808	0.0970		1.2287	1.2287		1.2287	1.2287		19,400.7404	19,400.7404	0.3719	0.3557	19,518.8101
NaturalGas Unmitigated	2.2447	19.2926	8.9728	0.1224		1.5509	1.5509		1.5509	1.5509		24,487.7458	24,487.7458	0.4694	0.4489	24,636.7741

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	26843.5	0.2895	2.4738	1.0527	0.0158		0.2000	0.2000		0.2000	0.2000		3,158.0582	3,158.0582	0.0605	0.0579	3,177.2776
Elementary School	2287.56	0.0247	0.2243	0.1884	1.3500e-003		0.0170	0.0170		0.0170	0.0170		269.1249	269.1249	5.1600e-003	4.9300e-003	270.7628
General Office Building	1611.51	0.0174	0.1580	0.1327	9.5000e-004		0.0120	0.0120		0.0120	0.0120		189.5890	189.5890	3.6300e-003	3.4800e-003	190.7429
Single Family Housing	162521	1.7527	14.9774	6.3734	0.0956		1.2109	1.2109		1.2109	1.2109		19,120.0695	19,120.0695	0.3665	0.3505	19,236.4311
Strip Mall	14882.7	0.1605	1.4591	1.2256	8.7500e-003		0.1109	0.1109		0.1109	0.1109		1,750.9041	1,750.9041	0.0336	0.0321	1,761.5598
Total		**2.2447**	**19.2926**	**8.9728**	**0.1224**		**1.5509**	**1.5509**		**1.5509**	**1.5509**		**24,487.7458**	**24,487.7458**	**0.4694**	**0.4489**	**24,636.7741**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Elementary School	1.73984	0.0188	0.1706	0.1433	1.0200e-003		0.0130	0.0130		0.0130	0.0130		204.6865	204.6865	3.9200e-003	3.7500e-003	205.9322
General Office Building	1.21958	0.0132	0.1196	0.1004	7.2000e-004		9.0900e-003	9.0900e-003		9.0900e-003	9.0900e-003		143.4795	143.4795	2.7500e-003	2.6300e-003	144.3526
Single Family Housing	129.389	1.3954	11.9241	5.0741	0.0761		0.9641	0.9641		0.9641	0.9641		15,222.2268	15,222.2268	0.2918	0.2791	15,314.8667
Strip Mall	11.271	0.1216	1.1050	0.9282	6.6300e-003		0.0840	0.0840		0.0840	0.0840		1,326.0000	1,326.0000	0.0254	0.0243	1,334.0698
Apartments Mid Rise	21.287	0.2296	1.9617	0.8348	0.0125		0.1586	0.1586		0.1586	0.1586		2,504.3477	2,504.3477	0.0480	0.0459	2,519.5887
Total		**1.7784**	**15.2810**	**7.0808**	**0.0970**		**1.2287**	**1.2287**		**1.2287**	**1.2287**		**19,400.7404**	**19,400.7404**	**0.3718**	**0.3557**	**19,518.8101**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Unmitigated	171.0991	2.6826	232.6386	0.0123		2.5318	2.5318		2.5187	2.5187	0.0000	19,966.1190	19,966.1190	0.7751	0.3583	20,093.4823
Mitigated	143.9548	2.6387	228.1672	0.0120		2.5055	2.5055		2.4924	2.4924	0.0000	19,956.0214	19,956.0214	0.7599	0.3583	20,083.0642

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	45.1601					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	117.1864					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.7917	8.0000e-005	0.0977	0.0000		1.2379	1.2379		1.2249	1.2249	0.0000	19,545.8824	19,545.8824	0.3746	0.3583	19,664.8353
Landscaping	6.9609	2.6825	232.5408	0.0123		1.2939	1.2939		1.2939	1.2939		420.2366	420.2366	0.4005		428.6470
Total	**171.0991**	**2.6826**	**232.6386**	**0.0123**		**2.5318**	**2.5318**		**2.5187**	**2.5187**	**0.0000**	**19,966.1190**	**19,966.1190**	**0.7751**	**0.3583**	**20,093.4823**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	18.2774					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	117.1864					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.7917	8.0000e-005	0.0977	0.0000		1.2379	1.2379		1.2249	1.2249	0.0000	19,545.8824	19,545.8824	0.3746	0.3583	19,664.8353
Landscaping	6.6993	2.6387	228.0694	0.0120		1.2676	1.2676		1.2676	1.2676		410.1390	410.1390	0.3852		418.2288
Total	**143.9548**	**2.6387**	**228.1672**	**0.0120**		**2.5055**	**2.5055**		**2.4924**	**2.4924**	**0.0000**	**19,956.0214**	**19,956.0214**	**0.7599**	**0.3583**	**20,083.0642**

7.0 Water Detail

7.1 Mitigation Measures Water

Use Reclaimed Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Turf Reduction

Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Vegetation

Amoruso Ranch Specific Plan

Placer County APCD Air District, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating Phase III	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	No Change	0	0	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Mitigated tons/yr						Mitigated mt/yr					
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input		Mitigation Input		Mitigation Input	
Yes	Soil Stabilizer for unpaved Roads	PM10 Reduction	10.00	PM2.5 Reduction	10.00		
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	55.00	PM2.5 Reduction	55.00	Frequency (per day)	2.00
No	Unpaved Road Mitigation	Moisture Content %	0.00	Vehicle Speed (mph)	15.00		
No	Clean Paved Road	% PM Reduction	0.00				

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Architectural Coating Phase III	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating Phase III	Roads	0.00	0.00	0.00	0.00	0.00	0.00

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	59.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.22	33.22	33.21	33.21	33.22
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	3.76	1.64	1.92	2.70	2.04	2.04	0.00	2.40	2.40	3.82	0.00	2.43
Mobile	4.21	3.54	2.58	4.78	4.33	4.33	0.00	4.78	4.78	4.43	0.00	4.78
Natural Gas	20.77	20.79	21.09	20.76	20.77	20.77	0.00	20.77	20.77	20.76	20.79	20.77
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	20.00	21.86	21.65	20.02	20.17	21.26
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting: Low Density Suburban

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value
No	Land Use	Increase Density	0.00	0.00	0.00	
No	Land Use	Increase Diversity	0.25	0.56		
No	Land Use	Improve Walkability Design	0.00	0.00		
No	Land Use	Improve Destination Accessibility	0.00	0.00		
No	Land Use	Increase Transit Accessibility	0.25	0.00		
Yes	Land Use	Integrate Below Market Rate Housing	0.12	291.00		
	Land Use	Land Use SubTotal	0.05			

No	Neighborhood Enhancements	Improve Pedestrian Network	2.00	Project Site and Connecting Off-Site		
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00	0.00		
No	Parking Policy Pricing	Unbundle Parking Costs	0.00	0.00		
No	Parking Policy Pricing	On-street Market Pricing	0.00	0.00		
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00	0.00		
Yes	Transit Improvements	Expand Transit Network	0.00	0.35		
No	Transit Improvements	Increase Transit Frequency	0.00		0.00	
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.05			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"	3.00			
No	Commute	Workplace Parking Charge		0.00		
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program	5.00			
	Commute	Commute Subtotal	0.00			

No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.05			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
Yes	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
Yes	Use Low VOC Paint (Residential Interior)	100.00
Yes	Use Low VOC Paint (Residential Exterior)	100.00
Yes	Use Low VOC Paint (Non-residential Interior)	100.00
Yes	Use Low VOC Paint (Non-residential Exterior)	100.00
Yes	% Electric Lawnmower	8.00
Yes	% Electric Leafblower	8.00
Yes	% Electric Chainsaw	8.00

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
Yes	Exceed Title 24	25.00	
Yes	Install High Efficiency Lighting	100.00	
No	On-site Renewable	0.00	0.00

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00

DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy	0.00	0.00
Yes	Use Reclaimed Water	0.00	25.00
No	Use Grey Water	0.00	
Yes	Install low-flow bathroom faucet	32.00	
Yes	Install low-flow Kitchen faucet	18.00	
Yes	Install low-flow Toilet	20.00	
Yes	Install low-flow Shower	20.00	
Yes	Turf Reduction	20.00	
Yes	Use Water Efficient Irrigation Systems	20.00	
No	Water Efficient Landscape	0.00	0.00

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services Percent Reduction in Waste Disposed	

2014 Amoruso Ranch Specific Plan

Placer County APCD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	34.00	1000sqft	4.09	34,000.00	0
Elementary School	800.00	Student	9.62	84,000.00	0
Apartments Mid Rise	982.00	Dwelling Unit	63.94	1,393,000.00	2592
Single Family Housing	1,845.00	Dwelling Unit	325.31	3,523,000.00	4870
Strip Mall	442.00	1000sqft	76.79	442,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	74
Climate Zone	2			**Operational Year**	2010
Utility Company	Roseville Electric				
CO2 Intensity (lb/MWhr)	793.8	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Per CalEEMod Table

Construction Phase - Construction emission would be the same as those estimated in the year 2020.

Off-road Equipment - N/A

Trips and VMT - No construction.

On-road Fugitive Dust - No Construction

Vehicle Trips - Fehr & Peers, ARSP Draft Traffic Study, April 17, 2015.

Woodstoves - CalEEMod Table

Area Coating - PCAPCD Rule 218

Water And Wastewater - CalEEMod Table

Solid Waste - Based on 8,744 tons per year for project.

Land Use Change -

Mobile Land Use Mitigation -

Area Mitigation - PCAPCD Rule 218

Energy Mitigation -

Water Mitigation - CalEEMod Table

Vechicle Emission Factors -

Vechicle Emission Factors -

Vechicle Emission Factors -

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	250	100
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	100
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	100
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	100
tblConstructionPhase	NumDays	500.00	1.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00

tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	540.10	0.00
tblFireplaces	NumberGas	1,014.75	923.00
tblFireplaces	NumberNoFireplace	98.20	982.00
tblFireplaces	NumberNoFireplace	184.50	922.00
tblFireplaces	NumberWood	343.70	0.00
tblFireplaces	NumberWood	645.75	0.00
tblLandUse	LandUseSquareFeet	66,882.70	84,000.00
tblLandUse	LandUseSquareFeet	982,000.00	1,393,000.00
tblLandUse	LandUseSquareFeet	3,321,000.00	3,523,000.00
tblLandUse	LotAcreage	0.78	4.09
tblLandUse	LotAcreage	1.54	9.62
tblLandUse	LotAcreage	25.84	63.94
tblLandUse	LotAcreage	599.03	325.31
tblLandUse	LotAcreage	10.15	76.79
tblLandUse	Population	2,809.00	2,592.00
tblLandUse	Population	5,277.00	4,870.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	RoadSiltLoading	0.10	0.00
tblOnRoadDust	VendorPercentPave	100.00	0.00
tblOnRoadDust	WorkerPercentPave	100.00	0.00
tblProjectCharacteristics	OperationalYear	2014	2010
tblSolidWaste	SolidWasteGenerationRate	451.72	1,387.54
tblSolidWaste	SolidWasteGenerationRate	146.00	448.46
tblSolidWaste	SolidWasteGenerationRate	31.62	97.17

tblSolidWaste	SolidWasteGenerationRate	1,753.20	5,385.29
tblSolidWaste	SolidWasteGenerationRate	464.10	1,425.57
tblTripsAndVMT	VendorTripLength	7.30	0.00
tblTripsAndVMT	WorkerTripLength	10.80	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblVehicleTrips	HO_TL	7.50	6.56
tblVehicleTrips	HO_TL	7.50	6.56
tblVehicleTrips	HS_TL	7.30	6.56
tblVehicleTrips	HS_TL	7.30	6.56
tblVehicleTrips	HW_TL	10.80	10.00
tblVehicleTrips	HW_TL	10.80	10.00
tblVehicleTrips	ST_TR	7.16	6.65
tblVehicleTrips	ST_TR	2.37	11.03
tblVehicleTrips	ST_TR	10.08	9.52
tblVehicleTrips	ST_TR	42.04	42.70
tblVehicleTrips	SU_TR	6.07	6.65
tblVehicleTrips	SU_TR	0.98	11.03
tblVehicleTrips	SU_TR	8.77	9.52
tblVehicleTrips	SU_TR	20.43	42.70
tblVehicleTrips	WD_TR	6.59	6.65
tblVehicleTrips	WD_TR	11.01	11.03
tblVehicleTrips	WD_TR	9.57	9.52
tblVehicleTrips	WD_TR	44.32	42.70
tblWater	IndoorWaterUseRate	63,981,253.16	46,591,087.37
tblWater	IndoorWaterUseRate	1,939,392.00	7,566,994.30
tblWater	IndoorWaterUseRate	6,042,947.43	2,423,546.28
tblWater	IndoorWaterUseRate	120,209,177.27	197,026,066.55
tblWater	IndoorWaterUseRate	32,740,054.50	78,379,813.95

tblWater	OutdoorWaterUseRate	40,336,007.43	27,312,016.73
tblWater	OutdoorWaterUseRate	4,987,008.00	4,815,360.01
tblWater	OutdoorWaterUseRate	3,703,741.97	1,530,660.81
tblWater	OutdoorWaterUseRate	75,784,046.54	115,498,039.01
tblWater	OutdoorWaterUseRate	20,066,485.01	8,708,868.22
tblWaterMitigation	UseWaterEfficientIrrigationSystemPercentReduction	6.1	20
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2017											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total											**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2017											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total											**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area											0.0000	761.3117	761.3117	0.0558	0.0133	766.6151
Energy											0.0000	12,736.2131	12,736.2131	0.3949	0.1400	12,787.8905
Mobile											0.0000	47,727.8388	47,727.8388	2.9414	0.0000	47,789.6073
Waste											1,774.9591	0.0000	1,774.9591	104.8971	0.0000	3,977.7977
Water											105.3243	845.7530	951.0773	10.8487	0.2618	1,260.0660
Total											**1,880.2834**	**62,071.1166**	**63,951.3999**	**119.1378**	**0.4151**	**66,581.9766**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area											0.0000	761.3117	761.3117	0.0558	0.0133	766.6151
Energy											0.0000	12,736.2131	12,736.2131	0.3949	0.1400	12,787.8905
Mobile											0.0000	42,382.7865	42,382.7865	2.6539	0.0000	42,438.5193
Waste											1,774.9591	0.0000	1,774.9591	104.8971	0.0000	3,977.7977
Water											84.2595	660.8801	745.1396	8.6768	0.2090	992.1472
Total											**1,859.2185**	**56,541.1914**	**58,400.4100**	**116.6785**	**0.3623**	**60,962.9698**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1.12**	**8.91**	**8.68**	**2.06**	**12.72**	**8.44**

2.3 Vegetation

Vegetation

	CO2e
Category	MT
Vegetation Land Change	-2,160.4306
Total	**-2,160.4306**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2017	1/2/2017	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	0.00	81	0.73
Demolition	Excavators	3	0.00	162	0.38
Demolition	Rubber Tired Dozers	2	0.00	255	0.40

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	0.00	0.00	0.00	0.00	0.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total											**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.2 Demolition - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total											**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total											**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.2 Demolition - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total											**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Integrate Below Market Rate Housing

Expand Transit Network

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Unmitigated											0.0000	47,727.8388	47,727.8388	2.9414	0.0000	47,789.6073
Mitigated											0.0000	42,382.7865	42,382.7865	2.6539	0.0000	42,438.5193

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	6,530.30	6,530.30	6530.30	16,937,707	14,966,158
Elementary School	1,032.00	0.00	0.00	1,625,355	1,436,164
General Office Building	375.02	375.02	375.02	896,205	791,887
Single Family Housing	17,564.40	17,564.40	17564.40	45,556,967	40,254,136
Strip Mall	18,873.40	18,873.40	18873.40	29,065,660	25,682,417
Total	44,375.12	43,343.12	43,343.12	94,081,894	83,130,761

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	10.00	6.56	6.56	42.60	21.00	36.40	86	11	3
Elementary School	9.50	7.30	7.30	65.00	30.00	5.00	63	25	12
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Single Family Housing	10.00	6.56	6.56	42.60	21.00	36.40	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.429438	0.062642	0.190117	0.181660	0.068307	0.009540	0.011247	0.031628	0.001913	0.001057	0.008022	0.000581	0.003847

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated											0.0000	8,681.9922	8,681.9922	0.3172	0.0656	8,708.9963
Electricity Unmitigated											0.0000	8,681.9922	8,681.9922	0.3172	0.0656	8,708.9963
NaturalGas Mitigated											0.0000	4,054.2209	4,054.2209	0.0777	0.0743	4,078.8943
NaturalGas Unmitigated											0.0000	4,054.2209	4,054.2209	0.0777	0.0743	4,078.8943

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	9.79788e+006											0.0000	522.8520	522.8520	0.0100	9.5900e-003	526.0339
Elementary School	834960											0.0000	44.5567	44.5567	8.5000e-004	8.2000e-004	44.8278
General Office Building	588200											0.0000	31.3886	31.3886	6.0000e-004	5.8000e-004	31.5796
Single Family Housing	5.932e+007											0.0000	3,165.5419	3,165.5419	0.0607	0.0580	3,184.8069
Strip Mall	5.43218e+006											0.0000	289.8818	289.8818	5.5600e-003	5.3100e-003	291.6460
Total												**0.0000**	**4,054.2209**	**4,054.2209**	**0.0777**	**0.0743**	**4,078.8943**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	9.79788e+006											0.0000	522.8520	522.8520	0.0100	9.5900e-003	526.0339
Elementary School	834960											0.0000	44.5567	44.5567	8.5000e-004	8.2000e-004	44.8278
General Office Building	588200											0.0000	31.3886	31.3886	6.0000e-004	5.8000e-004	31.5796
Single Family Housing	5.932e+007											0.0000	3,165.5419	3,165.5419	0.0607	0.0580	3,184.8069
Strip Mall	5.43218e+006											0.0000	289.8818	289.8818	5.5600e-003	5.3100e-003	291.6460
Total												**0.0000**	**4,054.2209**	**4,054.2209**	**0.0777**	**0.0743**	**4,078.8943**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	3.55326e+006	1,279.3922	0.0467	9.6700e-003	1,283.3716
Elementary School	539280	194.1740	7.0900e-003	1.4700e-003	194.7780
General Office Building	379780	136.7442	5.0000e-003	1.0300e-003	137.1695
Single Family Housing	1.37218e+007	4,940.7002	0.1805	0.0373	4,956.0676
Strip Mall	5.91838e+006	2,130.9815	0.0779	0.0161	2,137.6096
Total		**8,681.9922**	**0.3172**	**0.0656**	**8,708.9963**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	3.55326e+006	1,279.3922	0.0467	9.6700e-003	1,283.3716
Elementary School	539280	194.1740	7.0900e-003	1.4700e-003	194.7780
General Office Building	379780	136.7442	5.0000e-003	1.0300e-003	137.1695
Single Family Housing	1.37218e+007	4,940.7002	0.1805	0.0373	4,956.0676
Strip Mall	5.91838e+006	2,130.9815	0.0779	0.0161	2,137.6096
Total		**8,681.9922**	**0.3172**	**0.0656**	**8,708.9963**

6.0 Area Detail

6.1 Mitigation Measures Area

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Unmitigated											0.0000	761.3117	761.3117	0.0558	0.0133	766.6151
Mitigated											0.0000	761.3117	761.3117	0.0558	0.0133	766.6151

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth											0.0000	727.0008	727.0008	0.0139	0.0133	731.4252
Landscaping											0.0000	34.3109	34.3109	0.0419	0.0000	35.1899
Total											**0.0000**	**761.3117**	**761.3117**	**0.0558**	**0.0133**	**766.6151**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products											0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth											0.0000	727.0008	727.0008	0.0139	0.0133	731.4252
Landscaping											0.0000	34.3109	34.3109	0.0419	0.0000	35.1899
Total											**0.0000**	**761.3117**	**761.3117**	**0.0558**	**0.0133**	**766.6151**

7.0 Water Detail

7.1 Mitigation Measures Water

Use Reclaimed Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Turf Reduction

Use Water Efficient Irrigation System

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Unmitigated	951.0773	10.8487	0.2618	1,260.0660
Mitigated	745.1396	8.6768	0.2090	992.1472

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	46.5911 / 27.312	139.9733	1.5227	0.0368	183.3570
Elementary School	7.56699 / 4.81536	23.2118	0.2473	5.9800e-003	30.2593
General Office Building	2.42355 / 1.53066	7.4196	0.0792	1.9100e-003	9.6768
Single Family Housing	197.026 / 115.498	591.9243	6.4394	0.1556	775.3867
Strip Mall	78.3798 / 8.70887	188.5482	2.5600	0.0615	261.3862
Total		**951.0773**	**10.8487**	**0.2618**	**1,260.0660**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	37.2729 / 19.6912	109.2586	1.2179	0.0294	143.9382
Elementary School	6.0536 / 3.47174	18.0898	0.1978	4.7700e-003	23.7233
General Office Building	1.93884 / 1.10356	5.7833	0.0634	1.5300e-003	7.5875
Single Family Housing	157.621 / 83.2708	462.0367	5.1502	0.1242	608.6910
Strip Mall	62.7039 / 6.27885	149.9712	2.0476	0.0492	208.2072
Total		**745.1396**	**8.6768**	**0.2090**	**992.1472**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1,774.9591	104.8971	0.0000	3,977.7977
Unmitigated	1,774.9591	104.8971	0.0000	3,977.7977

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	1387.54	281.6581	16.6455	0.0000	631.2139
Elementary School	448.46	91.0333	5.3799	0.0000	204.0116
General Office Building	97.17	19.7246	1.1657	0.0000	44.2042
Single Family Housing	5385.29	1,093.1652	64.6042	0.0000	2,449.8537
Strip Mall	1425.57	289.3778	17.1017	0.0000	648.5144
Total		**1,774.9591**	**104.8971**	**0.0000**	**3,977.7977**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	1387.54	281.6581	16.6455	0.0000	631.2139
Elementary School	448.46	91.0333	5.3799	0.0000	204.0116
General Office Building	97.17	19.7246	1.1657	0.0000	44.2042
Single Family Housing	5385.29	1,093.1652	64.6042	0.0000	2,449.8537
Strip Mall	1425.57	289.3778	17.1017	0.0000	648.5144
Total		**1,774.9591**	**104.8971**	**0.0000**	**3,977.7977**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Vegetation

	Total CO2	CH4	N2O	CO2e
Category	MT			
Unmitigated	-2,160.4306	0.0000	0.0000	-2,160.4306

10.1 Vegetation Land Change

Vegetation Type

	Initial/Final	Total CO2	CH4	N2O	CO2e
	Acres	MT			
Grassland	625.53 / 124.27	-2,160.4306	0.0000	0.0000	-2,160.4306
Total		**-2,160.4306**	**0.0000**	**0.0000**	**-2,160.4306**

2014 Amoruso Ranch Specific Plan

Placer County APCD Air District, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Demolition	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Concrete/Industrial Saws	Diesel	No Change	0	1	No Change	0.00
Excavators	Diesel	No Change	0	3	No Change	0.00
Rubber Tired Dozers	Diesel	No Change	0	2	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Concrete/Industrial Saws							0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Excavators							0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rubber Tired Dozers							0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Mitigated tons/yr						Mitigated mt/yr					
Concrete/Industrial Saws							0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Excavators							0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rubber Tired Dozers							0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Percent Reduction											
Concrete/Industrial Saws	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Excavators	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rubber Tired Dozers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input		Mitigation Input		Mitigation Input	
No	Soil Stabilizer for unpaved Roads	PM10 Reduction		PM2.5 Reduction			
No	Replace Ground Cover of Area Disturbed	PM10 Reduction		PM2.5 Reduction			
No	Water Exposed Area	PM10 Reduction		PM2.5 Reduction		Frequency (per day)	
No	Unpaved Road Mitigation	Moisture Content %		Vehicle Speed (mph)			
No	Clean Paved Road	% PM Reduction	0.00				

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Demolition	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Demolition	Roads	0.00	0.00	0.00	0.00	0.00	0.00

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.20	11.20	9.77	0.00	11.20
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	20.00	21.86	21.65	20.02	20.17	21.26
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation Selected	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.25	0.56		

No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
Yes	Land Use	Integrate Below Market Rate Housing	0.12	291.00		
	Land Use	Land Use SubTotal	0.12			
No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
Yes	Transit Improvements	Expand Transit Network	0.00	0.35		
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.12			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"				
No	Commute	Workplace Parking Charge				

No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				
	Commute	Commute Subtotal	0.00			
No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.12			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
Yes	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	100.00
No	Use Low VOC Paint (Residential Exterior)	100.00
No	Use Low VOC Paint (Non-residential Interior)	100.00
No	Use Low VOC Paint (Non-residential Exterior)	100.00
No	% Electric Lawnmower	8.00
No	% Electric Leafblower	8.00
No	% Electric Chainsaw	8.00

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2

No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy	0.00	0.00
Yes	Use Reclaimed Water	0.00	25.00
No	Use Grey Water	0.00	
Yes	Install low-flow bathroom faucet	32.00	
Yes	Install low-flow Kitchen faucet	18.00	
Yes	Install low-flow Toilet	20.00	
Yes	Install low-flow Shower	20.00	
Yes	Turf Reduction	20.00	
Yes	Use Water Efficient Irrigation Systems	20.00	
No	Water Efficient Landscape	0.00	0.00

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services	
Percent Reduction in Waste Disposed	