

Appendices

Appendix B1: Air Quality, Energy, and GHG Modeling

Appendices

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CalEEMod Inputs - Greenbriar Residential, Construction

Name: Greenbriar Residential Project
Project Number: BREa-05
Project Location: 1700 Greenbriar Lane, Brea, CA
County/Air Basin: Orange County
Climate Zone: 8
Land Use Setting: Urban
Operational Year: 2022
Utility Company: Southern California Edison
Air Basin: South Coast Air Basin
Air District: SCAQMD
SRA: 16

Project Site Acreage	9.7
Disturbed Site Acreage	9.70

Demolition	Cubic Yards	Tons					
Concrete (Building, Parking Structure)	130,000	17,000.00					
Asphalt	14,074	3,800.00					
Project Components	SQFT	Footprint	Acres	Units	Notes		
New Construction							
Residences	505,265	143,258	3.29	179.00			
Private Landscaped Open Space	7,569	7,569	0.17				
Hardscape	35,423	35,423	0.81				
Planting/Landscaping	104,785	104,785	2.41				
Asphalt (Roads)	131,359	131,359	3.02		396 total parking stalls (4 on-street)		
Total New Construction	784,401	422,394.00	9.70				

CalEEMod Inputs							
Land Use	Land Use Type	Land Use Subtype	Unit Amount	Size Metric	Lot Acreage	Landscaped Square	
						Feet	Land Use Square Feet
Residences	Residential	Condo/Townhouse High Rise	179	Dwelling Unit	5.87	112,354	505,265
Hardscape	Parking	Other Non-Asphalt Surfaces	35.423	1000 sqft	0.81		35,423
Asphalt (Roads) ¹	Parking	Other Asphalt Surfaces	131.359	1000 sqft	3.02		131,359
Total					9.70	112,354	784,401

Notes

¹ Asphalt surfaces calculated by subtracting the building, hardscape, and landscaping square footage from the total project area square footage

Demolition

Component	Amount to be Demolished (Tons)	Haul Truck Capacity (tons) ²	Haul Distance (miles) ²	Total Trip Ends	Duration (days)	Trip Ends/day
Concrete Demolition ¹	17,000	20	35	1,700	80	22
Asphalt (Roads)	3,800	20	35	380	80	5
Total	20,800			2,080		27

Notes

¹ Includes existing building and all additional concrete onsite

² Based on applicant input

Soil Haul¹

Construction Activities	Export Volume (CY) ¹	Haul Truck Capacity (cy) ¹	Haul Distance (miles) ¹	Total Trip Ends	Duration (days)	Trip Ends/day
Rough Grading	7,921	20	35	793	90	9
Site Remediation	1,000	20	35	100	30	4
Total	8,921			893		13

Notes¹ Based on data provided by the applicant² CalEEMod Default**Architectural Coating**

Percentage of Buildings' Interior Painted:	100%
Percentage of Buildings' Exterior Painted:	100%

SCAQMD Rule 1113

Res Interior Paint VOC content:	50	grams per liter
Res Exterior Paint VOC content:	50	grams per liter

Mitigation

Res Interior Paint VOC content:	10	grams per liter
Res Exterior Paint VOC content:	10	grams per liter

Land Use	Land Use SQFT	CalEEMod Factor ²	Total Paintable Surface Area	Paintable Interior Area ¹	Paintable Exterior Area ¹
Residential Buildings					
Condo/Townhouse High Rise	505,265	2.7	1,364,216	1,023,162	341,054
Asphalt Surfaces					
Other Non-Asphalt Surfaces	35,423	0.06	2,125	-	2,125
Other Asphalt Surfaces	131,359	0.06	7,882		7,882
					10,007

Notes¹ CalEEMod methodology calculates the paintable interior and exterior areas by multiplying the total paintable surface area by 75 and 25 percent, respectively.² The program assumes the total surface for painting equals 2.7 times the floor square footage for residential and 2 times that for nonresidential square footage defined by the user. Architectural coatings for the parking lot is based on CalEEMod methodology applied to a surface parking lot (i.e., striping), in which 6% of surface area is**Southern California Edison Carbon Intensity Factors (2028)**

	Forecasted Factors 2028 ¹	
CO ₂ :	346.196	pounds per megawatt hour
CH ₄ :	0.033	pound per megawatt hour
N ₂ O:	0.004	pound per megawatt hour

Notes¹ CalEEMod defaults used.**Construction Mitigation****Enhanced Fugitive Dust Mitigation****SCAQMD Rule 403**

Replace Ground Cover	PM10:	5	% Reduction
	PM25:	5	% Reduction

Water Exposed Area

Frequency:	2	per day
PM10:	61	% Reduction
PM25:	61	% Reduction

Unpaved Roads

Vehicle Speed:	15	mph
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SCAQMD Rule 1186

Clean Paved Road	9	% PM Reduction
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Construction Activities and Schedule Assumptions

* based on schedule provided by Applicant

Applicant-Provided Construction Schedule ¹		
Construction Activities	Phase Type	CalEEMod Duration (Workday)
Demolition (Building & Asphalt)	Demolition	80
Abatement (Site Remediation)	Site Preparation	30
Turnsite	Site Preparation	22
Underground Storage Tank Removal	Site Preparation	44
Rough Grading	Grading	90
Building Construction (including Arch Coating, Paving, and Landscaping)	Building Construction	310
Infrastructure	Trenching	132
Total Days		708

Construction Schedule Adjusted for Overlapping Phases				
Construction Activities	Phase Type	Start Date	End Date	CalEEMod Duration (Workday)
Demolition & Site Remediation ²	Demolition	4/1/2026	12/2/2026	176
<i>Demolition Debris Haul</i>	Demolition	10/14/2026	7/21/2026	80
<i>Site Remediation Soil Haul</i>	Site Preparation	10/22/2026	12/2/2026	30
Rough Grading	Grading	12/3/2026	4/7/2027	90
Infrastructure	Trenching	4/8/2027	10/8/2027	132
Building Construction	Building Construction	10/9/2027	12/15/2028	310
Asphalt Paving ¹	Paving	10/4/2028	12/15/2028	20
Architectural Coating ¹	Architectural Coating	10/4/2028	12/15/2028	20
Total Days				708

Notes

¹ Workdays for architectural coating and paving phases based on CalEEMod defaults

² Demolition, Abatement, Turnsite, and Underground Storage Tank Removal phases modeled as one phases due overlap in equipment use.

CalEEMod Construction Off-Road Equipment Inputs - Maximum Daily Construction Activity

The equipment and its specifications were provided by applicant. CalEEMod defaults were used for generating worker trips.

Construction Equipment Details					
Model	CalEEMod Equipment	# of Equipment	hr/day	hp	total trips per day
Demolition/Abatement/Turnsite/UST					
Volvo 350 Track Excavator	Excavator	2	6.5	308	
Volvo 250 Track Excavator	Excavator	1	6.5	215	
Cat 236 Skid Steer	Skid Steer Loaders	2	6.5	65	
Worker Trips					13
Vendor Trips					0
Hauling Trips					0
Water Trucks (Onsite Trucks)		Acres Disturbed: ¹	2.84		16
		Onsite Travel (mi/day):	2.35		
Notes: ¹ To account for water truck usage, all Volvo Excavators in this activity are assumed result in daily site disturbance equivalent to Tractors, and Skid Steer Loaders are assumed to result in daily site disturbance equivalent to Scrapers.					
Demolition Debris Haul					
Hauling Trips					27
Notes: No additional equipment is needed for the demolition debris haul phase.					
Soil Remediation Haul					
Hauling Trips					4
Notes: No additional equipment is needed for the site remediation soil haul phase.					
Grading					
657 Scraper	Scrapers	4	7	447	
D-8 Dozer	Rubber Tired Dozers	1	7	347	
824 Dozer	Rubber Tired Dozers	1	7	405	
Blade	Grader	1	7	647.5	
Worker Trips					18
Vendor Trips					0
Hauling Trips					9
Water Trucks		Acres Disturbed: ¹	4.81		26
		Onsite Travel (mi/day):	3.97		

Building Construction					
Wheel Trencher	Trenchers	2	6	367	
Boom Pumps	Pumps	2	6	82	
Skiploader Tractor	Tractor/Loader/Backhoe	2	6	81	
Telebelt	Other Material Handling Equipment	2	6	93	
Worker Trips					129
Vendor Trips					19
Hauling Trips					0
Water Trucks					0
Paving					
Paver (AP1000)	Pavers	1	8	225	
Asphalt Roller	Roller	3	8	100	
Tractor Loader	Rubber Tired Loaders	1	8	100	
Worker Trips					13
Vendor Trips					0
Hauling Trips					0
Water Trucks					0
Architectural Coating					
Cement Mixer	Cement and Mortar Mixers	1	8	10	
Predator V-600 Pump	Pumps	1	8	37	
Worker Trips					26
Vendor Trips					0
Hauling Trips					0
Water Trucks					0
Infrastructure					
Cat 335 Excavator	Excavator	1	7	273	
Cat 330 Excavator	Excavator	1	7	273	
Cat 950 Wheel Loader	Rubber Tired Loaders	1	7	249	
Cat 430 Backhoe	Tractor/Loader/Backhoe	1	7	107	
Worker Trips					10
Vendor Trips					0
Hauling Trips					0
Water Trucks					0

Water Truck Vendor Trip Calculation

Amount of Water (gal/acre/day)¹	Water Truck Capacity (gallons)²
10,000	4,000

Notes:

¹ Based on data provided in Guidance for Application for Dust Control Permit

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

² Based on standard water truck capacity:

McLellan Industries. 2022, January (access). Water Trucks. <https://www.mclellanindustries.com/trucks/water-trucks/>

³

Assumes that dozers, tractors/loaders/backhoes, and graders can disturb 0.50 acres per day and scrapers can disturb 1 acre per day.

CalEEMod Construction Off-Road Equipment Inputs - Average Daily Construction Activity

The equipment and its specifications were provided by applicant. CalEEMod defaults were used for generating worker trips.

¹The average hours per day for equipment during the demolition/site remediation, grading, building construction, and infrastructure phases were normalized to account for the actual days of operation for each piece of equipment for use in the HRA.

Construction Equipment Details							
Model	CalEEMod Equipment	# of Equipment	Total Days of Operation	hr/day	Normalized Hours of Operation/Day ¹	hp	total trips per day
Demolition/Abatement/Turnsite/UST							
Volvo 350 Track Excavator	Excavator	2	80	6.5	2.96	308	
Volvo 250 Track Excavator	Excavator	1	80	6.5	2.96	215	
Cat 236 Skid Steer	Skid Steer Loaders	2	80	6.5	2.96	65	
Worker Trips							13
Vendor Trips							0
Hauling Trips							0
Water Trucks (Onsite Trucks)				Acres Disturbed: ¹	3.06		16
				Onsite Travel (mi/day):	2.53		
Notes: ¹ To account for water truck usage, all Volvo Excavators in this activity are assumed result in daily site disturbance equivalent to Tractors, and Skid Steer Loaders are assumed to result in daily site disturbance equivalent to Scrapers.							
Demolition Debris Haul							
Hauling Trips							27
Notes: No additional equipment is needed for the demolition debris haul phase.							
Soil Remediation Haul							
Hauling Trips							4
Notes: No additional equipment is needed for the site remediation soil haul phase.							
Grading							
657 Scraper	Scrapers	4	40	7	3.12	447	
D-8 Dozer	Rubber Tired Dozers	1	40	7	3.12	347	
824 Dozer	Rubber Tired Dozers	1	40	7	3.12	405	
Grader	Grader	1	40	7	3.12	647.5	
Worker Trips							18
Vendor Trips							0
Hauling Trips							9
Water Trucks				Acres Disturbed: ¹	4.81		26
				Onsite Travel (mi/day):	3.97		
Building Construction							
Wheel Trencher	Trenchers	2	88	6	1.71	367	
Boom Pumps	Pumps	2	88	6	1.71	82	
Skiploader Tractor	Tractor/Loader/Backhoe	2	88	6	1.71	84	
Telebelt	Other Material Handling Equipment	2	88	6	1.71	93	
Worker Trips							129
Vendor Trips							19
Hauling Trips							0
Water Trucks							0
Paving							
Paver (AP1000)	Pavers	1	20	8	8.00	225	
Asphalt Roller	Roller	3	20	8	8.00	100	
Tractor Loader	Rubber Tired Loaders	1	20	8	8.00	100	
Worker Trips							13
Vendor Trips							0
Hauling Trips							0
Water Trucks							0

CalEEMod Construction Off-Road Equipment Inputs - Average Daily Construction Activity

The equipment and its specifications were provided by applicant. CalEEMod defaults were used for generating worker trips.

¹The average hours per day for equipment during the demolition/site remediation, grading, building construction, and infrastructure phases were normalized to account for the actual days of operation for each piece of equipment for use in the HRA.

Construction Equipment Details							
Model	CalEEMod Equipment	# of Equipment	Total Days of Operation	hr/day	Normalized Hours of Operation/Day ¹	hp	total trips per day
Demolition/Abatement/Turnsite/UST							
Volvo 350 Track Excavator	Excavator	2	80	6.5	2.96	308	
Volvo 250 Track Excavator	Excavator	1	80	6.5	2.96	215	
Cat 236 Skid Steer	Skid Steer Loaders	2	80	6.5	2.96	65	
Worker Trips							13
Vendor Trips							0
Architectural Coating							
Cement Mixer	Cement and Mortar Mixers	1	20	8	8.00	10	
Predator V-600 Pump	Pumps	1	20	8	8.00	37	
Worker Trips							26
Vendor Trips							0
Hauling Trips							0
Water Trucks							0
Infrastructure							
Cat 335 Excavator	Excavator	1	58	7	3.08	273	
Cat 330 Excavator	Excavator	1	43	7	2.28	273	
Cat 950 Wheel Loader	Rubber Tired Loaders	1	58	7	3.08	249	
Cat 430 Backhoe	Tractor/Loader/Backhoe	1	22	7	1.17	107	
Worker Trips							10
Vendor Trips							0
Hauling Trips							0
Water Trucks							0

Water Truck Vendor Trip Calculation

Amount of Water (gal/acre/day) ¹			Water Truck Capacity (gallons) ²
10,000			4,000

Notes:

¹ Based on data provided in Guidance for Application for Dust Control Permit

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

² Based on standard water truck capacity:

McLellan Industries. 2022, January (access). Water Trucks. <https://www.mclellanindustries.com/trucks/water-trucks/>

³

Assumes that dozers, tractors/loaders/backhoes, and graders can disturb 0.50 acres per day and scrapers can disturb 1 acre per day.

CalEEMod Inputs- Greenbriar Residential, Operations

Name: Greenbriar Residential Project
Project Number: BREa-05
Project Location: 1700 Greenbriar Lane, Brea, CA
County/Air Basin: Orange County
Climate Zone: 8
Land Use Setting: Urban
Operational Year: 2022
Utility Company: Southern California Edison
Air Basin: South Coast Air Basin
Air District: SCAQMD
SRA: 16

Project Site Acreage	9.7
Disturbed Site Acreage	9.70

CalEEMod Land Use Inputs

Land Use Type	Land Use Subtype	Unit Amount	Size Metric	Lot Acreage	Land Use Square Feet	Landscaped Square Feet
Residences	Condo/Townhouse High Rise	179	DU	5.87	505,265	112,354
Hardscape	Other Non-Asphalt Surfaces	35	1000 sqft	0.81	35,423	
Asphalt (Roads)	Other Asphalt Surfaces	131	1000 sqft	3.02	131,359	
				9.70	672,047	112,354

Trips

Land Use Type	Average Daily Trips	CalEEMod Trip Rate	Saturday Trips	CalEEMod Trip Rate	Sunday Trips	CalEEMod Trip Rate
Single-Family Attached Housing	1,296	7.24	1,577	8.81	1,577	8.81

Source: RK Engineering Group Inc. 2024, August. Greenbriar MultiFamily Residential Project Traffic Impact Study.
 * Sunday trips assumed to be the same as Saturday trips

Fireplaces and Woodstoves

Land Use	# Wood	# Gas ¹	# Propane	# No Fireplace	Hours/Day	Days/Year
Condo/Townhouse High Rise	0	161	0	18	3	25
Average Use	0	161	0	18	3	25

Notes

¹ CalEEMod defaults used for number of gas fireplaces. The CalEEMod default for wood fireplaces (9 wood fireplaces) was added to the number of gas fireplaces.

Water Use ¹

	Indoor (gpd)	Outdoor (gpd)	Total ²
Proposed Project Water Use (gpd)	42,214.00	2,626.00	44,840.00
Proposed Project Water Use (gal/year)	15,408,110.00	958,490.00	16,366,600.00

Notes

¹ Based on water and wastewater use numbers from Water Supply and Demand Analysis. See Section 5.19, *Utilities and Service Systems*.

Solid Waste

Land Use	Number of Residents ¹	Solid Waste Generation Rate (pounds/person/day)	Total Solid Waste (pounds/day) ²	Total Solid Waste (tons/yr)
Solid Waste	505	8.10	4,090.50	746.52

Notes

¹ See Section 5.19, *Utilities and Service Systems*, for solid waste calculations.

Energy (Buildings)

Default CalEEMod Energy Use

Land Use Subtype	Total Annual Electricity Consumption (kWh/year)	Total Annual Natural Gas Consumption (kBtu/year)	Title-24 Electricity Energy Intensity (kWhr/size/year)*	Title-24 Natural Gas Energy Intensity (kBtu/size/year)*	Nontitle-24 Electricity Energy Intensity (kWhr/size/year)	Nontitle-24 Natural Gas Energy Intensity (kBtu/size/year)
Condo/Townhouse High Rise	656,184.30	1,988,124.88	185,986.01	1,732,171.06	470,198.30	255,953.82
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00

Architectural Coating

	Percent Painted
Interior Painted:	100%
Exterior Painted:	100%

Rule 1113

Interior Paint VOC content:	50	grams per liter
Exterior Paing VOC content:	50	grams per liter

Structures	Land Use Square Feet	CalEEMod Factor ²	Total Paintable Surface Area	Paintable Interior Area ¹	Paintable Exterior Area ¹
Residential Structures					
Single Family Homes	505,265	2.7	1,364,216	1,023,162	341,054
			1,364,216	1,023,162	341,054
Striping					
Other Non-Asphalt Surfaces	35,423	0.06	2,125		2,125
Other Asphalt Surfaces	131,359	0.06	7,882		7,882
					10,007

¹ CalEEMod methodology calculates the paintable interior and exterior areas by multiplying the total paintable surface area by 75 and 25 percent, respectively.

² The program assumes the total surface for painting equals 2.7 times the floor square footage for residential and 2 times that for nonresidential square footage defined by the user.

³ Assumes that roadways will be striped. CalEEMod methodology assumes 6% of surface area is striped.

Southern California Edison Carbon Intensity Factors (2028)

Forecasted Factors 2028 ¹		
CO ₂ :	346.196	pounds per megawatt hour
CH ₄ :	0.033	pound per megawatt hour
N ₂ O:	0.004	pound per megawatt hour

Notes
¹ CalEEMod defaults used.

Global Warming Potentials (GWP)		
	AR4	AR5
CO ₂	1	1
CH ₄	25	28
N ₂ O	298	265
Based on Intergovernmental Panel on Climate Change Fourth Assessment Report global warming potentials for CH4 and N2O; Intergovernmental Panel on Climate Change (IPCC).		

CalEEMod Outputs

BREA-05_Construction Custom Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	BREA-05_Construction
Construction Start Date	4/1/2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	1.80
Precipitation (days)	21.2
Location	Greenbriar Ln, Brea, CA 92821, USA
County	Orange
City	Brea
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5781
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.28

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Condo/Townhouse High Rise	179	Dwelling Unit	5.87	505,265	112,354	—	533	—

Other Non-Asphalt Surfaces	35.4	1000sqft	0.81	0.00	0.00	—	—	—
Other Asphalt Surfaces	131	1000sqft	3.02	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-13	Use Low-VOC Paints for Construction

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.51	4.54	41.5	33.6	0.10	1.62	7.93	9.55	1.49	2.77	4.26	—	11,789	11,789	0.51	0.40	5.94	11,905
Mit.	5.51	4.54	41.5	33.6	0.10	1.62	7.93	9.55	1.49	2.77	4.26	—	11,789	11,789	0.51	0.40	5.94	11,905
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	163	163	42.7	34.0	0.10	1.66	7.93	9.60	1.53	2.77	4.30	—	11,823	11,823	0.51	0.34	0.19	11,937
Mit.	36.8	36.4	42.7	34.0	0.10	1.66	7.93	9.60	1.53	2.77	4.30	—	11,823	11,823	0.51	0.34	0.19	11,937
% Reduced	77%	78%	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	9.93	9.73	11.3	13.1	0.03	0.42	2.40	2.58	0.39	0.61	0.99	—	4,074	4,074	0.16	0.14	1.79	4,109
Mit.	2.99	2.80	11.3	13.1	0.03	0.42	2.40	2.58	0.39	0.61	0.99	—	4,074	4,074	0.16	0.14	1.79	4,109
% Reduced	70%	71%	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.81	1.78	2.06	2.39	0.01	0.08	0.44	0.47	0.07	0.11	0.18	—	675	675	0.03	0.02	0.30	680
Mit.	0.55	0.51	2.06	2.39	0.01	0.08	0.44	0.47	0.07	0.11	0.18	—	675	675	0.03	0.02	0.30	680
% Reduced	70%	71%	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	1.03	0.72	7.55	9.15	0.04	0.18	7.38	7.56	0.17	1.16	1.33	—	5,369	5,369	0.28	0.40	5.79	5,502
2027	5.51	4.54	41.5	33.6	0.10	1.62	7.93	9.55	1.49	2.77	4.26	—	11,789	11,789	0.51	0.33	4.39	11,905
2028	1.55	1.28	9.73	18.7	0.03	0.30	1.85	2.15	0.28	0.44	0.72	—	4,891	4,891	0.16	0.11	5.94	4,934
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	5.54	4.57	42.7	34.0	0.10	1.66	7.93	9.60	1.53	2.77	4.30	—	11,823	11,823	0.51	0.34	0.12	11,937
2027	5.51	4.54	41.6	33.5	0.10	1.62	7.93	9.55	1.49	2.77	4.26	—	11,779	11,779	0.50	0.33	0.17	11,890
2028	163	163	15.1	30.6	0.05	0.49	2.35	2.84	0.45	0.56	1.01	—	7,782	7,782	0.27	0.20	0.19	7,849
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.76	0.60	5.56	6.07	0.02	0.18	2.40	2.58	0.16	0.46	0.62	—	2,794	2,794	0.13	0.14	0.92	2,840
2027	1.63	1.35	11.3	12.1	0.03	0.42	1.84	2.26	0.39	0.61	0.99	—	4,074	4,074	0.16	0.10	0.89	4,109
2028	9.93	9.73	7.01	13.1	0.02	0.22	1.28	1.49	0.20	0.30	0.50	—	3,474	3,474	0.11	0.11	1.79	3,513

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.14	0.11	1.01	1.11	< 0.005	0.03	0.44	0.47	0.03	0.08	0.11	—	463	463	0.02	0.02	0.15	470
2027	0.30	0.25	2.06	2.20	0.01	0.08	0.34	0.41	0.07	0.11	0.18	—	675	675	0.03	0.02	0.15	680
2028	1.81	1.78	1.28	2.39	< 0.005	0.04	0.23	0.27	0.04	0.06	0.09	—	575	575	0.02	0.02	0.30	582

2.3. Construction Emissions by Year, Mitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	1.03	0.72	7.55	9.15	0.04	0.18	7.38	7.56	0.17	1.16	1.33	—	5,369	5,369	0.28	0.40	5.79	5,502
2027	5.51	4.54	41.5	33.6	0.10	1.62	7.93	9.55	1.49	2.77	4.26	—	11,789	11,789	0.51	0.33	4.39	11,905
2028	1.55	1.28	9.73	18.7	0.03	0.30	1.85	2.15	0.28	0.44	0.72	—	4,891	4,891	0.16	0.11	5.94	4,934
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	5.54	4.57	42.7	34.0	0.10	1.66	7.93	9.60	1.53	2.77	4.30	—	11,823	11,823	0.51	0.34	0.12	11,937
2027	5.51	4.54	41.6	33.5	0.10	1.62	7.93	9.55	1.49	2.77	4.26	—	11,779	11,779	0.50	0.33	0.17	11,890
2028	36.8	36.4	15.1	30.6	0.05	0.49	2.35	2.84	0.45	0.56	1.01	—	7,782	7,782	0.27	0.20	0.19	7,849
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.76	0.60	5.56	6.07	0.02	0.18	2.40	2.58	0.16	0.46	0.62	—	2,794	2,794	0.13	0.14	0.92	2,840
2027	1.63	1.35	11.3	12.1	0.03	0.42	1.84	2.26	0.39	0.61	0.99	—	4,074	4,074	0.16	0.10	0.89	4,109
2028	2.99	2.80	7.01	13.1	0.02	0.22	1.28	1.49	0.20	0.30	0.50	—	3,474	3,474	0.11	0.11	1.79	3,513
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.14	0.11	1.01	1.11	< 0.005	0.03	0.44	0.47	0.03	0.08	0.11	—	463	463	0.02	0.02	0.15	470
2027	0.30	0.25	2.06	2.20	0.01	0.08	0.34	0.41	0.07	0.11	0.18	—	675	675	0.03	0.02	0.15	680
2028	0.55	0.51	1.28	2.39	< 0.005	0.04	0.23	0.27	0.04	0.06	0.09	—	575	575	0.02	0.02	0.30	582

3. Construction Emissions Details

3.1. Demolition & Site Remediation (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.76	0.64	4.71	7.21	0.03	0.16	—	0.16	0.14	—	0.14	—	2,781	2,781	0.11	0.02	—	2,790
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	1.07	1.07	< 0.005	0.11	0.11	—	11.3	11.3	< 0.005	< 0.005	0.02	11.9
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.76	0.64	4.71	7.21	0.03	0.16	—	0.16	0.14	—	0.14	—	2,781	2,781	0.11	0.02	—	2,790
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	1.07	1.07	< 0.005	0.11	0.11	—	11.3	11.3	< 0.005	< 0.005	< 0.005	11.9
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.31	2.27	3.48	0.01	0.08	—	0.08	0.07	—	0.07	—	1,341	1,341	0.05	0.01	—	1,345

Demoliti	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.49	0.49	< 0.005	0.05	0.05	—	5.44	5.44	< 0.005	< 0.005	< 0.005	5.72
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipm ent	0.07	0.06	0.41	0.63	< 0.005	0.01	—	0.01	0.01	—	0.01	—	222	222	0.01	< 0.005	—	223
Demoliti on	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.09	0.09	< 0.005	0.01	0.01	—	0.90	0.90	< 0.005	< 0.005	< 0.005	0.95
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.66	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	163	163	< 0.005	0.01	0.57	165
Vendor	0.04	0.01	0.57	0.29	< 0.005	< 0.005	0.15	0.16	< 0.005	0.04	0.05	—	565	565	0.03	0.08	1.46	590
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.57	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	155	155	< 0.005	0.01	0.01	157
Vendor	0.04	0.01	0.60	0.29	< 0.005	< 0.005	0.15	0.16	< 0.005	0.04	0.05	—	565	565	0.03	0.08	0.04	589
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.28	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	75.7	75.7	< 0.005	< 0.005	0.12	76.7
Vendor	0.02	0.01	0.29	0.14	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	—	272	272	0.01	0.04	0.30	284
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.5	12.5	< 0.005	< 0.005	0.02	12.7

Vendor	< 0.005	< 0.005	0.05	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	45.1	45.1	< 0.005	0.01	0.05	47.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.2. Demolition & Site Remediation (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipm ent	0.76	0.64	4.71	7.21	0.03	0.16	—	0.16	0.14	—	0.14	—	2,781	2,781	0.11	0.02	—	2,790
Demoliti on	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	1.07	1.07	< 0.005	0.11	0.11	—	11.3	11.3	< 0.005	< 0.005	0.02	11.9
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipm ent	0.76	0.64	4.71	7.21	0.03	0.16	—	0.16	0.14	—	0.14	—	2,781	2,781	0.11	0.02	—	2,790
Demoliti on	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	1.07	1.07	< 0.005	0.11	0.11	—	11.3	11.3	< 0.005	< 0.005	< 0.005	11.9
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipm ent	0.36	0.31	2.27	3.48	0.01	0.08	—	0.08	0.07	—	0.07	—	1,341	1,341	0.05	0.01	—	1,345

Demoliti	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.49	0.49	< 0.005	0.05	0.05	—	5.44	5.44	< 0.005	< 0.005	< 0.005	5.72
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipm ent	0.07	0.06	0.41	0.63	< 0.005	0.01	—	0.01	0.01	—	0.01	—	222	222	0.01	< 0.005	—	223
Demoliti on	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.09	0.09	< 0.005	0.01	0.01	—	0.90	0.90	< 0.005	< 0.005	< 0.005	0.95
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.66	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	163	163	< 0.005	0.01	0.57	165
Vendor	0.04	0.01	0.57	0.29	< 0.005	< 0.005	0.15	0.16	< 0.005	0.04	0.05	—	565	565	0.03	0.08	1.46	590
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.57	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	155	155	< 0.005	0.01	0.01	157
Vendor	0.04	0.01	0.60	0.29	< 0.005	< 0.005	0.15	0.16	< 0.005	0.04	0.05	—	565	565	0.03	0.08	0.04	589
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.28	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	75.7	75.7	< 0.005	< 0.005	0.12	76.7
Vendor	0.02	0.01	0.29	0.14	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	—	272	272	0.01	0.04	0.30	284
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.5	12.5	< 0.005	< 0.005	0.02	12.7

Vendor	< 0.005	< 0.005	0.05	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	45.1	45.1	< 0.005	0.01	0.05	47.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Demolition Debris Haul (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	5.50	5.50	—	0.83	0.83	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	1.20	1.20	—	0.18	0.18	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.22	0.22	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.18	0.03	2.21	0.98	0.01	0.02	0.49	0.51	0.02	0.14	0.16	—	1,850	1,850	0.14	0.29	3.75	1,945
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.04	0.01	0.51	0.22	< 0.005	0.01	0.11	0.11	0.01	0.03	0.03	—	406	406	0.03	0.06	0.35	426
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.09	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	67.2	67.2	0.01	0.01	0.06	70.5

3.4. Demolition Debris Haul (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	5.50	5.50	—	0.83	0.83	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Demolition	—	—	—	—	—	—	1.20	1.20	—	0.18	0.18	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.22	0.22	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.18	0.03	2.21	0.98	0.01	0.02	0.49	0.51	0.02	0.14	0.16	—	1,850	1,850	0.14	0.29	3.75	1,945
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.04	0.01	0.51	0.22	< 0.005	0.01	0.11	0.11	0.01	0.03	0.03	—	406	406	0.03	0.06	0.35	426
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.09	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	67.2	67.2	0.01	0.01	0.06	70.5

3.5. Site Remediation Soil Haul (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.03	< 0.005	0.34	0.15	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	286	286	0.02	0.05	0.58	300
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.03	< 0.005	0.35	0.15	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	286	286	0.02	0.05	0.01	300
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	23.5	23.5	< 0.005	< 0.005	0.02	24.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.89	3.89	< 0.005	< 0.005	< 0.005	4.08

3.6. Site Remediation Soil Haul (2026) - Mitigated

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

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

Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.03	< 0.005	0.34	0.15	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	286	286	0.02	0.05	0.58	300
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.03	< 0.005	0.35	0.15	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	286	286	0.02	0.05	0.01	300
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	23.5	23.5	< 0.005	< 0.005	0.02	24.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.89	3.89	< 0.005	< 0.005	< 0.005	4.08

3.7. Rough Grading (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	5.33	4.48	40.8	32.3	0.09	1.65	—	1.65	1.52	—	1.52	—	9,911	9,911	0.40	0.08	—	9,945

Dust From Material Movement	—	—	—	—	—	—	6.10	6.10	—	2.47	2.47	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	1.15	1.15	< 0.005	0.11	0.11	—	12.0	12.0	< 0.005	< 0.005	< 0.005	12.6
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	0.25	2.31	1.83	0.01	0.09	—	0.09	0.09	—	0.09	—	562	562	0.02	< 0.005	—	564
Dust From Material Movement	—	—	—	—	—	—	0.35	0.35	—	0.14	0.14	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.06	0.06	< 0.005	0.01	0.01	—	0.68	0.68	< 0.005	< 0.005	< 0.005	0.71
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.42	0.33	< 0.005	0.02	—	0.02	0.02	—	0.02	—	93.1	93.1	< 0.005	< 0.005	—	93.4
Dust From Material Movement	—	—	—	—	—	—	0.06	0.06	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.11	0.11	< 0.005	< 0.005	< 0.005	0.12
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.06	0.80	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	217	217	< 0.005	0.01	0.02	219

Vendor	0.08	0.02	1.13	0.56	0.01	0.01	0.29	0.30	0.01	0.08	0.09	—	1,067	1,067	0.05	0.15	0.07	1,113
Hauling	0.06	0.01	0.76	0.33	< 0.005	0.01	0.16	0.17	0.01	0.05	0.05	—	617	617	0.05	0.10	0.03	647
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.5	12.5	< 0.005	< 0.005	0.02	12.6
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	60.5	60.5	< 0.005	0.01	0.07	63.2
Hauling	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	35.0	35.0	< 0.005	0.01	0.03	36.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.07	2.07	< 0.005	< 0.005	< 0.005	2.09
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.0	10.0	< 0.005	< 0.005	0.01	10.5
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.80	5.80	< 0.005	< 0.005	0.01	6.09

3.8. Rough Grading (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	5.33	4.48	40.8	32.3	0.09	1.65	—	1.65	1.52	—	1.52	—	9,911	9,911	0.40	0.08	—	9,945
Dust From Material Movement	—	—	—	—	—	—	6.10	6.10	—	2.47	2.47	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	1.15	1.15	< 0.005	0.11	0.11	—	12.0	12.0	< 0.005	< 0.005	< 0.005	12.6

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	0.25	2.31	1.83	0.01	0.09	—	0.09	0.09	—	0.09	—	562	562	0.02	< 0.005	—	564
Dust From Material Movement	—	—	—	—	—	—	0.35	0.35	—	0.14	0.14	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.06	0.06	< 0.005	0.01	0.01	—	0.68	0.68	< 0.005	< 0.005	< 0.005	0.71
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.42	0.33	< 0.005	0.02	—	0.02	0.02	—	0.02	—	93.1	93.1	< 0.005	< 0.005	—	93.4
Dust From Material Movement	—	—	—	—	—	—	0.06	0.06	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.11	0.11	< 0.005	< 0.005	< 0.005	0.12
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.06	0.80	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	217	217	< 0.005	0.01	0.02	219
Vendor	0.08	0.02	1.13	0.56	0.01	0.01	0.29	0.30	0.01	0.08	0.09	—	1,067	1,067	0.05	0.15	0.07	1,113
Hauling	0.06	0.01	0.76	0.33	< 0.005	0.01	0.16	0.17	0.01	0.05	0.05	—	617	617	0.05	0.10	0.03	647
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.5	12.5	< 0.005	< 0.005	< 0.005	12.6

Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	60.5	60.5	< 0.005	0.01	0.07	63.2
Hauling	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	35.0	35.0	< 0.005	0.01	0.03	36.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.07	2.07	< 0.005	< 0.005	< 0.005	2.09
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.0	10.0	< 0.005	< 0.005	0.01	10.5
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.80	5.80	< 0.005	< 0.005	0.01	6.09

3.9. Rough Grading (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipm ent	5.31	4.46	39.7	31.8	0.09	1.61	—	1.61	1.48	—	1.48	—	9,902	9,902	0.40	0.08	—	9,936
Dust From Material Movement	—	—	—	—	—	—	6.10	6.10	—	2.47	2.47	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	1.15	1.15	< 0.005	0.11	0.11	—	11.7	11.7	< 0.005	< 0.005	0.02	12.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipm ent	5.31	4.46	39.7	31.8	0.09	1.61	—	1.61	1.48	—	1.48	—	9,902	9,902	0.40	0.08	—	9,936

Dust From Material Movement	—	—	—	—	—	—	6.10	6.10	—	2.47	2.47	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	1.15	1.15	< 0.005	0.11	0.11	—	11.7	11.7	< 0.005	< 0.005	< 0.005	12.3
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.01	0.85	7.54	6.05	0.02	0.31	—	0.31	0.28	—	0.28	—	1,880	1,880	0.08	0.02	—	1,886
Dust From Material Movement	—	—	—	—	—	—	1.16	1.16	—	0.47	0.47	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.21	0.21	< 0.005	0.02	0.02	—	2.23	2.23	< 0.005	< 0.005	< 0.005	2.34
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.15	1.38	1.10	< 0.005	0.06	—	0.06	0.05	—	0.05	—	311	311	0.01	< 0.005	—	312
Dust From Material Movement	—	—	—	—	—	—	0.21	0.21	—	0.09	0.09	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.04	0.04	< 0.005	< 0.005	< 0.005	—	0.37	0.37	< 0.005	< 0.005	< 0.005	0.39
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.05	0.87	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	224	224	< 0.005	0.01	0.71	227
Vendor	0.08	0.02	1.04	0.52	0.01	0.01	0.29	0.30	0.01	0.08	0.09	—	1,047	1,047	0.05	0.14	2.50	1,093
Hauling	0.06	0.01	0.71	0.32	< 0.005	0.01	0.16	0.17	0.01	0.05	0.05	—	605	605	0.05	0.10	1.15	636

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.05	0.74	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	213	213	< 0.005	0.01	0.02	216
Vendor	0.08	0.02	1.09	0.53	0.01	0.01	0.29	0.30	0.01	0.08	0.09	—	1,047	1,047	0.05	0.14	0.06	1,091
Hauling	0.06	0.01	0.74	0.32	< 0.005	0.01	0.16	0.17	0.01	0.05	0.05	—	605	605	0.05	0.10	0.03	635
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.15	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	41.0	41.0	< 0.005	< 0.005	0.06	41.6
Vendor	0.02	< 0.005	0.21	0.10	< 0.005	< 0.005	0.05	0.06	< 0.005	0.02	0.02	—	199	199	0.01	0.03	0.20	207
Hauling	0.01	< 0.005	0.14	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	115	115	0.01	0.02	0.09	121
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.79	6.79	< 0.005	< 0.005	0.01	6.88
Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	32.9	32.9	< 0.005	< 0.005	0.03	34.3
Hauling	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	19.0	19.0	< 0.005	< 0.005	0.02	20.0

3.10. Rough Grading (2027) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	5.31	4.46	39.7	31.8	0.09	1.61	—	1.61	1.48	—	1.48	—	9,902	9,902	0.40	0.08	—	9,936
Dust From Material Movement	—	—	—	—	—	—	6.10	6.10	—	2.47	2.47	—	—	—	—	—	—	—

Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	1.15	1.15	< 0.005	0.11	0.11	—	11.7	11.7	< 0.005	< 0.005	0.02	12.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	5.31	4.46	39.7	31.8	0.09	1.61	—	1.61	1.48	—	1.48	—	9,902	9,902	0.40	0.08	—	9,936
Dust From Material Movement	—	—	—	—	—	—	6.10	6.10	—	2.47	2.47	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	1.15	1.15	< 0.005	0.11	0.11	—	11.7	11.7	< 0.005	< 0.005	< 0.005	12.3
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.01	0.85	7.54	6.05	0.02	0.31	—	0.31	0.28	—	0.28	—	1,880	1,880	0.08	0.02	—	1,886
Dust From Material Movement	—	—	—	—	—	—	1.16	1.16	—	0.47	0.47	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.21	0.21	< 0.005	0.02	0.02	—	2.23	2.23	< 0.005	< 0.005	< 0.005	2.34
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.15	1.38	1.10	< 0.005	0.06	—	0.06	0.05	—	0.05	—	311	311	0.01	< 0.005	—	312
Dust From Material Movement	—	—	—	—	—	—	0.21	0.21	—	0.09	0.09	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.04	0.04	< 0.005	< 0.005	< 0.005	—	0.37	0.37	< 0.005	< 0.005	< 0.005	0.39

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.05	0.87	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	224	224	< 0.005	0.01	0.71	227
Vendor	0.08	0.02	1.04	0.52	0.01	0.01	0.29	0.30	0.01	0.08	0.09	—	1,047	1,047	0.05	0.14	2.50	1,093
Hauling	0.06	0.01	0.71	0.32	< 0.005	0.01	0.16	0.17	0.01	0.05	0.05	—	605	605	0.05	0.10	1.15	636
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.05	0.74	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	213	213	< 0.005	0.01	0.02	216
Vendor	0.08	0.02	1.09	0.53	0.01	0.01	0.29	0.30	0.01	0.08	0.09	—	1,047	1,047	0.05	0.14	0.06	1,091
Hauling	0.06	0.01	0.74	0.32	< 0.005	0.01	0.16	0.17	0.01	0.05	0.05	—	605	605	0.05	0.10	0.03	635
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.15	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	41.0	41.0	< 0.005	< 0.005	0.06	41.6
Vendor	0.02	< 0.005	0.21	0.10	< 0.005	< 0.005	0.05	0.06	< 0.005	0.02	0.02	—	199	199	0.01	0.03	0.20	207
Hauling	0.01	< 0.005	0.14	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	115	115	0.01	0.02	0.09	121
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.79	6.79	< 0.005	< 0.005	0.01	6.88
Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	32.9	32.9	< 0.005	< 0.005	0.03	34.3
Hauling	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	19.0	19.0	< 0.005	< 0.005	0.02	20.0

3.11. Building Construction (2027) - Unmitigated

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

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

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipm ent	1.12	0.94	9.06	12.4	0.03	0.31	—	0.31	0.29	—	0.29	—	2,697	2,697	0.11	0.02	—	2,706
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipm ent	0.18	0.15	1.49	2.04	< 0.005	0.05	—	0.05	0.05	—	0.05	—	443	443	0.02	< 0.005	—	445
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipm ent	0.03	0.03	0.27	0.37	< 0.005	0.01	—	0.01	0.01	—	0.01	—	73.4	73.4	< 0.005	< 0.005	—	73.6
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.43	0.37	0.39	5.48	0.00	0.00	1.68	1.68	0.00	0.39	0.39	—	1,570	1,570	0.02	0.06	0.14	1,589
Vendor	0.05	0.01	0.61	0.30	< 0.005	< 0.005	0.16	0.17	< 0.005	0.05	0.05	—	589	589	0.03	0.08	0.04	614
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.07	0.06	0.07	0.94	0.00	0.00	0.27	0.27	0.00	0.06	0.06	—	262	262	< 0.005	0.01	0.37	265
Vendor	0.01	< 0.005	0.10	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	96.9	96.9	< 0.005	0.01	0.10	101
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.17	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	43.3	43.3	< 0.005	< 0.005	0.06	43.9
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	16.0	16.0	< 0.005	< 0.005	0.02	16.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Building Construction (2027) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.12	0.94	9.06	12.4	0.03	0.31	—	0.31	0.29	—	0.29	—	2,697	2,697	0.11	0.02	—	2,706
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.15	1.49	2.04	< 0.005	0.05	—	0.05	0.05	—	0.05	—	443	443	0.02	< 0.005	—	445
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	B1-42	—

Off-Road Equipment	0.03	0.03	0.27	0.37	< 0.005	0.01	—	0.01	0.01	—	0.01	—	73.4	73.4	< 0.005	< 0.005	—	73.6
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.43	0.37	0.39	5.48	0.00	0.00	1.68	1.68	0.00	0.39	0.39	—	1,570	1,570	0.02	0.06	0.14	1,589
Vendor	0.05	0.01	0.61	0.30	< 0.005	< 0.005	0.16	0.17	< 0.005	0.05	0.05	—	589	589	0.03	0.08	0.04	614
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.07	0.94	0.00	0.00	0.27	0.27	0.00	0.06	0.06	—	262	262	< 0.005	0.01	0.37	265
Vendor	0.01	< 0.005	0.10	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	96.9	96.9	< 0.005	0.01	0.10	101
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.17	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	43.3	43.3	< 0.005	< 0.005	0.06	43.9
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	16.0	16.0	< 0.005	< 0.005	0.02	16.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Building Construction (2028) - Unmitigated

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

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

Off-Road Equipment	1.09	0.91	8.84	12.4	0.03	0.30	—	0.30	0.27	—	0.27	—	2,695	2,695	0.11	0.02	—	2,704
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.09	0.91	8.84	12.4	0.03	0.30	—	0.30	0.27	—	0.27	—	2,695	2,695	0.11	0.02	—	2,704
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.75	0.63	6.05	8.51	0.02	0.20	—	0.20	0.19	—	0.19	—	1,846	1,846	0.07	0.01	—	1,852
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.11	1.10	1.55	< 0.005	0.04	—	0.04	0.03	—	0.03	—	306	306	0.01	< 0.005	—	307
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.42	0.36	0.33	6.01	0.00	0.00	1.68	1.68	0.00	0.39	0.39	—	1,621	1,621	0.02	0.01	4.68	1,628
Vendor	0.04	0.01	0.56	0.28	< 0.005	< 0.005	0.16	0.17	< 0.005	0.05	0.05	—	575	575	0.03	0.08	1.27	601
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.41	0.35	0.39	5.16	0.00	0.00	1.68	1.68	0.00	0.39	0.39	—	1,542	1,542	0.02	0.06	0.12	1,561
Vendor	0.04	0.01	0.59	0.29	< 0.005	< 0.005	0.16	0.17	< 0.005	0.05	0.05	—	576	576	0.03	0.08	0.03	600
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.29	0.24	0.27	3.70	0.00	0.00	1.14	1.14	0.00	0.27	0.27	—	1,071	1,071	0.01	0.04	1.38	1,085
Vendor	0.03	0.01	0.40	0.20	< 0.005	< 0.005	0.11	0.11	< 0.005	0.03	0.03	—	394	394	0.02	0.06	0.38	412
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.05	0.67	0.00	0.00	0.21	0.21	0.00	0.05	0.05	—	177	177	< 0.005	0.01	0.23	180
Vendor	0.01	< 0.005	0.07	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	65.3	65.3	< 0.005	0.01	0.06	68.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.14. Building Construction (2028) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipm ent	1.09	0.91	8.84	12.4	0.03	0.30	—	0.30	0.27	—	0.27	—	2,695	2,695	0.11	0.02	—	2,704
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	1.09	0.91	8.84	12.4	0.03	0.30	—	0.30	0.27	—	0.27	—	2,695	2,695	0.11	0.02	—	2,704
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.75	0.63	6.05	8.51	0.02	0.20	—	0.20	0.19	—	0.19	—	1,846	1,846	0.07	0.01	—	1,852
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.11	1.10	1.55	< 0.005	0.04	—	0.04	0.03	—	0.03	—	306	306	0.01	< 0.005	—	307
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.42	0.36	0.33	6.01	0.00	0.00	1.68	1.68	0.00	0.39	0.39	—	1,621	1,621	0.02	0.01	4.68	1,628
Vendor	0.04	0.01	0.56	0.28	< 0.005	< 0.005	0.16	0.17	< 0.005	0.05	0.05	—	575	575	0.03	0.08	1.27	601
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.41	0.35	0.39	5.16	0.00	0.00	1.68	1.68	0.00	0.39	0.39	—	1,542	1,542	0.02	0.06	0.12	1,561
Vendor	0.04	0.01	0.59	0.29	< 0.005	< 0.005	0.16	0.17	< 0.005	0.05	0.05	—	576	576	0.03	0.08	0.03	600
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.29	0.24	0.27	3.70	0.00	0.00	1.14	1.14	0.00	0.27	0.27	—	1,071	1,071	0.01	0.04	1.38	1,085
Vendor	0.03	0.01	0.40	0.20	< 0.005	< 0.005	0.11	0.11	< 0.005	0.03	0.03	—	394	394	0.02	0.06	0.38	412
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.05	0.67	0.00	0.00	0.21	0.21	0.00	0.05	0.05	—	177	177	< 0.005	0.01	0.23	180
Vendor	0.01	< 0.005	0.07	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	65.3	65.3	< 0.005	0.01	0.06	68.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.15. Asphalt Paving (2028) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.61	0.51	3.70	9.67	0.02	0.15	—	0.15	0.14	—	0.14	—	2,277	2,277	0.09	0.02	—	2,284
Paving	0.40	0.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.20	0.53	< 0.005	0.01	—	0.01	0.01	—	0.01	—	125	125	0.01	< 0.005	—	125
Paving	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.04	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	20.7	20.7	< 0.005	< 0.005	—	20.7
Paving	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.04	0.50	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	150	150	< 0.005	0.01	0.01	151
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.31	8.31	< 0.005	< 0.005	0.01	8.42
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.38	1.38	< 0.005	< 0.005	< 0.005	1.39
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.16. Asphalt Paving (2028) - Mitigated

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

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Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipm ent	0.61	0.51	3.70	9.67	0.02	0.15	—	0.15	0.14	—	0.14	—	2,277	2,277	0.09	0.02	—	2,284
Paving	0.40	0.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipm ent	0.03	0.03	0.20	0.53	< 0.005	0.01	—	0.01	0.01	—	0.01	—	125	125	0.01	< 0.005	—	125
Paving	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipm ent	0.01	0.01	0.04	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	20.7	20.7	< 0.005	< 0.005	—	20.7
Paving	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.04	0.50	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	150	150	< 0.005	0.01	0.01	151
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.31	8.31	< 0.005	< 0.005	0.01	8.42
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.38	1.38	< 0.005	< 0.005	< 0.005	1.39
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.17. Architectural Coating (2028) - Unmitigated

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

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

Off-Road Equipm ent	0.19	0.16	1.43	1.53	< 0.005	0.03	—	0.03	0.03	—	0.03	—	234	234	0.01	< 0.005	—	235
Architect ural Coating s	160	160	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipm ent	0.01	0.01	0.08	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.8	12.8	< 0.005	< 0.005	—	12.9
Architect ural Coating s	8.79	8.79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipm ent	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.13	2.13	< 0.005	< 0.005	—	2.13
Architect ural Coating s	1.60	1.60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.08	1.03	0.00	0.00	0.34	0.34	0.00	0.08	0.08	—	308	308	< 0.005	0.01	0.02	312
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.06	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	17.1	17.1	< 0.005	< 0.005	0.02	17.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.84	2.84	< 0.005	< 0.005	< 0.005	2.87
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.18. Architectural Coating (2028) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.16	1.43	1.53	< 0.005	0.03	—	0.03	0.03	—	0.03	—	234	234	0.01	< 0.005	—	235

Architectural Coating	33.9	33.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.8	12.8	< 0.005	< 0.005	—	12.9
Architectural Coatings	1.86	1.86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.13	2.13	< 0.005	< 0.005	—	2.13
Architectural Coatings	0.34	0.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.08	1.03	0.00	0.00	0.34	0.34	0.00	0.08	0.08	—	308	308	< 0.005	0.01	0.02	312
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.06	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	17.1	17.1	< 0.005	< 0.005	0.02	17.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.84	2.84	< 0.005	< 0.005	< 0.005	2.87
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.19. Infrastructure (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.85	0.72	4.74	7.00	0.03	0.17	—	0.17	0.16	—	0.16	—	2,741	2,741	0.11	0.02	—	2,750
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.85	0.72	4.74	7.00	0.03	0.17	—	0.17	0.16	—	0.16	—	2,741	2,741	0.11	0.02	—	2,750
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipm ent	0.31	0.26	1.71	2.53	0.01	0.06	—	0.06	0.06	—	0.06	—	991	991	0.04	0.01	—	995
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipm ent	0.06	0.05	0.31	0.46	< 0.005	0.01	—	0.01	0.01	—	0.01	—	164	164	0.01	< 0.005	—	165
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.49	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	128	128	< 0.005	< 0.005	0.41	130
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.43	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	122	122	< 0.005	< 0.005	0.01	123
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.16	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	44.7	44.7	< 0.005	< 0.005	0.06	45.3
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	B1-55	—

Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.39	7.39	< 0.005	< 0.005	0.01	7.49
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.20. Infrastructure (2027) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.85	0.72	4.74	7.00	0.03	0.17	—	0.17	0.16	—	0.16	—	2,741	2,741	0.11	0.02	—	2,750
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.85	0.72	4.74	7.00	0.03	0.17	—	0.17	0.16	—	0.16	—	2,741	2,741	0.11	0.02	—	2,750
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.31	0.26	1.71	2.53	0.01	0.06	—	0.06	0.06	—	0.06	—	991	991	0.04	0.01	—	995
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.31	0.46	< 0.005	0.01	—	0.01	0.01	—	0.01	—	164	164	0.01	< 0.005	—	165
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.49	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	128	128	< 0.005	< 0.005	0.41	130
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.43	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	122	122	< 0.005	< 0.005	0.01	123
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.16	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	44.7	44.7	< 0.005	< 0.005	0.06	45.3
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.39	7.39	< 0.005	< 0.005	0.01	7.49
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition & Site Remediation	Demolition	4/1/2026	12/2/2026	5.00	176	—
Demolition Debris Haul	Demolition	4/1/2026	7/21/2026	5.00	80.0	—
Site Remediation Soil Haul	Site Preparation	7/22/2026	12/2/2026	5.00	30.0	—
Rough Grading	Grading	12/3/2026	4/7/2027	5.00	90.0	—
Building Construction	Building Construction	10/9/2027	12/15/2028	5.00	310	—
Asphalt Paving	Paving	11/18/2028	12/15/2028	5.00	20.0	—
Architectural Coating	Architectural Coating	11/18/2028	12/15/2028	5.00	20.0	—
Infrastructure	Trenching	4/8/2027	10/8/2027	5.00	132	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition & Site Remediation	Excavators	Diesel	Average	1.00	6.50	308	0.38
Demolition & Site Remediation	Skid Steer Loaders	Diesel	Average	2.00	6.50	65.0	0.40
Demolition & Site Remediation	Excavators	Diesel	Average	1.00	6.50	215	0.38
Demolition & Site Remediation	Excavators	Diesel	Average	1.00	6.50	308	0.38
Rough Grading	Scrapers	Diesel	Average	4.00	7.00	447	0.37
Rough Grading	Rubber Tired Dozers	Diesel	Average	1.00	7.00	347	0.38
Rough Grading	Rubber Tired Dozers	Diesel	Average	1.00	7.00	405	0.40
Rough Grading	Graders	Diesel	Average	1.00	7.00	648	0.40
Building Construction	Trenchers	Diesel	Average	2.00	6.00	367	0.29-58

Building Construction	Pumps	Diesel	Average	2.00	6.00	82.0	0.20
Building Construction	Other Material Handling Equipment	Diesel	Average	2.00	6.00	93.0	0.40
Building Construction	Tractors/Loaders/Back hoes	Diesel	Average	2.00	6.00	84.0	0.37
Asphalt Paving	Pavers	Diesel	Average	1.00	8.00	225	0.42
Asphalt Paving	Rubber Tired Loaders	Diesel	Average	1.00	8.00	100	0.36
Asphalt Paving	Rollers	Diesel	Average	3.00	8.00	100	0.38
Architectural Coating	Pumps	Diesel	Average	1.00	8.00	37.0	0.48
Architectural Coating	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Infrastructure	Excavators	Diesel	Average	1.00	7.00	273	0.38
Infrastructure	Excavators	Diesel	Average	1.00	7.00	273	0.38
Infrastructure	Rubber Tired Loaders	Diesel	Average	1.00	7.00	249	0.36
Infrastructure	Tractors/Loaders/Back hoes	Diesel	Average	1.00	7.00	107	0.37

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition & Site Remediation	Excavators	Diesel	Average	1.00	6.50	308	0.38
Demolition & Site Remediation	Skid Steer Loaders	Diesel	Average	2.00	6.50	65.0	0.40
Demolition & Site Remediation	Excavators	Diesel	Average	1.00	6.50	215	0.38
Demolition & Site Remediation	Excavators	Diesel	Average	1.00	6.50	308	0.38
Rough Grading	Scrapers	Diesel	Average	4.00	7.00	447	0.37
Rough Grading	Rubber Tired Dozers	Diesel	Average	1.00	7.00	347	0.38
Rough Grading	Rubber Tired Dozers	Diesel	Average	1.00	7.00	405	0.40
Rough Grading	Graders	Diesel	Average	1.00	7.00	648	0.40

Building Construction	Trenchers	Diesel	Average	2.00	6.00	367	0.29
Building Construction	Pumps	Diesel	Average	2.00	6.00	82.0	0.20
Building Construction	Other Material Handling Equipment	Diesel	Average	2.00	6.00	93.0	0.40
Building Construction	Tractors/Loaders/Back hoes	Diesel	Average	2.00	6.00	84.0	0.37
Asphalt Paving	Pavers	Diesel	Average	1.00	8.00	225	0.42
Asphalt Paving	Rubber Tired Loaders	Diesel	Average	1.00	8.00	100	0.36
Asphalt Paving	Rollers	Diesel	Average	3.00	8.00	100	0.38
Architectural Coating	Pumps	Diesel	Average	1.00	8.00	37.0	0.48
Architectural Coating	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Infrastructure	Excavators	Diesel	Average	1.00	7.00	273	0.38
Infrastructure	Excavators	Diesel	Average	1.00	7.00	273	0.38
Infrastructure	Rubber Tired Loaders	Diesel	Average	1.00	7.00	249	0.36
Infrastructure	Tractors/Loaders/Back hoes	Diesel	Average	1.00	7.00	107	0.37

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition & Site Remediation	—	—	—	—
Demolition & Site Remediation	Worker	12.5	18.5	LDA,LDT1,LDT2
Demolition & Site Remediation	Vendor	18.0	10.2	HHDT,MHDT
Demolition & Site Remediation	Hauling	0.00	20.0	HHDT
Demolition & Site Remediation	Onsite truck	1.00	2.89	HHDT
Demolition Debris Haul	—	—	—	—
Demolition Debris Haul	Worker	0.00	18.5	LDA,LDT1,LDT2
Demolition Debris Haul	Vendor	—	10.2	HHDT,MHDT B1-60

Demolition Debris Haul	Hauling	27.0	20.0	HHDT
Demolition Debris Haul	Onsite truck	—	—	HHDT
Site Remediation Soil Haul	—	—	—	—
Site Remediation Soil Haul	Worker	0.00	18.5	LDA,LDT1,LDT2
Site Remediation Soil Haul	Vendor	—	10.2	HHDT,MHDT
Site Remediation Soil Haul	Hauling	4.17	20.0	HHDT
Site Remediation Soil Haul	Onsite truck	—	—	HHDT
Rough Grading	—	—	—	—
Rough Grading	Worker	17.5	18.5	LDA,LDT1,LDT2
Rough Grading	Vendor	34.0	10.2	HHDT,MHDT
Rough Grading	Hauling	9.00	20.0	HHDT
Rough Grading	Onsite truck	1.00	3.09	HHDT
Asphalt Paving	—	—	—	—
Asphalt Paving	Worker	12.5	18.5	LDA,LDT1,LDT2
Asphalt Paving	Vendor	—	10.2	HHDT,MHDT
Asphalt Paving	Hauling	0.00	20.0	HHDT
Asphalt Paving	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	129	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	19.1	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	25.8	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT
Infrastructure	—	—	—	—

Infrastructure	Worker	10.0	18.5	LDA,LDT1,LDT2
Infrastructure	Vendor	—	10.2	HHDT,MHDT
Infrastructure	Hauling	0.00	20.0	HHDT
Infrastructure	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition & Site Remediation	—	—	—	—
Demolition & Site Remediation	Worker	12.5	18.5	LDA,LDT1,LDT2
Demolition & Site Remediation	Vendor	18.0	10.2	HHDT,MHDT
Demolition & Site Remediation	Hauling	0.00	20.0	HHDT
Demolition & Site Remediation	Onsite truck	1.00	2.89	HHDT
Demolition Debris Haul	—	—	—	—
Demolition Debris Haul	Worker	0.00	18.5	LDA,LDT1,LDT2
Demolition Debris Haul	Vendor	—	10.2	HHDT,MHDT
Demolition Debris Haul	Hauling	27.0	20.0	HHDT
Demolition Debris Haul	Onsite truck	—	—	HHDT
Site Remediation Soil Haul	—	—	—	—
Site Remediation Soil Haul	Worker	0.00	18.5	LDA,LDT1,LDT2
Site Remediation Soil Haul	Vendor	—	10.2	HHDT,MHDT
Site Remediation Soil Haul	Hauling	4.17	20.0	HHDT
Site Remediation Soil Haul	Onsite truck	—	—	HHDT
Rough Grading	—	—	—	—
Rough Grading	Worker	17.5	18.5	LDA,LDT1,LDT2
Rough Grading	Vendor	34.0	10.2	HHDT,MHDT
Rough Grading	Hauling	9.00	20.0	HHDT
Rough Grading	Onsite truck	1.00	3.09	HHDT
Asphalt Paving	—	—	—	—

Asphalt Paving	Worker	12.5	18.5	LDA,LDT1,LDT2
Asphalt Paving	Vendor	—	10.2	HHDT,MHDT
Asphalt Paving	Hauling	0.00	20.0	HHDT
Asphalt Paving	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	129	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	19.1	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	25.8	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT
Infrastructure	—	—	—	—
Infrastructure	Worker	10.0	18.5	LDA,LDT1,LDT2
Infrastructure	Vendor	—	10.2	HHDT,MHDT
Infrastructure	Hauling	0.00	20.0	HHDT
Infrastructure	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%
Sweep paved roads once per month	9%	9%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	1,023,162	341,054	0.00	0.00	10,007

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Demolition & Site Remediation	0.00	0.00	0.00	—	—
Demolition Debris Haul	0.00	0.00	0.00	20,800	—
Site Remediation Soil Haul	—	1,000	0.00	0.00	—
Rough Grading	—	7,921	591	0.00	—
Asphalt Paving	0.00	0.00	0.00	0.00	3.83

5.6.2. Construction Earthmoving Control Strategies

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

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Condo/Townhouse High Rise	—	0%
Other Non-Asphalt Surfaces	0.81	0%
Other Asphalt Surfaces	3.02	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

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

8. User Changes to Default Data

Screen	Justification
Land Use	Adjusted to match project description
Construction: Construction Phases	Adjusted based on workdays provided by applicant
Construction: Off-Road Equipment	Adjusted to include applicant-provided equipment
Construction: Trips and VMT	Adjusted to match off-model calculation of demolition debris and soil export haul trips
Construction: Architectural Coatings	Mitigation to reduce VOC coatings
Construction: Dust From Material Movement	Updated per applicant-provided data

BREA-05_Construction v2 Custom Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	BREA-05_Construction v2
Construction Start Date	4/1/2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	1.80
Precipitation (days)	21.2
Location	Greenbriar Ln, Brea, CA 92821, USA
County	Orange
City	Brea
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5781
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.28

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Condo/Townhouse High Rise	179	Dwelling Unit	5.87	505,265	112,354	—	505	—

Other Non-Asphalt Surfaces	35.4	1000sqft	0.81	0.00	0.00	—	—	—
Other Asphalt Surfaces	131	1000sqft	3.02	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers
Construction	C-13	Use Low-VOC Paints for Construction

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.52	2.07	19.0	15.6	0.05	0.73	7.36	7.46	0.67	1.35	2.02	—	5,647	5,647	0.25	0.38	5.94	5,714
Mit.	0.61	0.50	4.25	23.2	0.05	0.09	7.36	7.41	0.09	1.35	1.44	—	5,647	5,647	0.25	0.38	5.94	5,714
% Reduced	76%	76%	78%	-49%	—	87%	—	1%	86%	—	29%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	163	162	19.5	22.6	0.05	0.75	4.36	5.11	0.69	1.35	2.04	—	6,163	6,163	0.25	0.20	0.19	6,225
Mit.	35.5	35.3	4.60	28.5	0.05	0.11	4.36	4.46	0.11	1.35	1.44	—	6,093	6,093	0.25	0.20	0.19	6,154
% Reduced	78%	78%	76%	-26%	—	85%	—	13%	84%	—	29%	—	1%	1%	—	—	—	1%

Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	9.47	9.35	5.01	7.65	0.01	0.18	2.19	2.27	0.17	0.37	0.50	—	2,365	2,365	0.09	0.12	1.79	2,400
Mit.	2.32	2.25	1.73	8.88	0.01	0.03	2.19	2.21	0.03	0.37	0.40	—	2,317	2,317	0.09	0.12	1.79	2,352
% Reduced	75%	76%	65%	-16%	—	83%	—	3%	82%	—	21%	—	2%	2%	—	—	—	2%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.73	1.71	0.91	1.40	< 0.005	0.03	0.40	0.42	0.03	0.07	0.09	—	392	392	0.01	0.02	0.30	397
Mit.	0.42	0.41	0.32	1.62	< 0.005	0.01	0.40	0.40	0.01	0.07	0.07	—	384	384	0.01	0.02	0.30	389
% Reduced	75%	76%	65%	-16%	1%	83%	—	3%	82%	—	21%	—	2%	2%	—	—	—	2%

2.2. Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.61	0.37	4.93	5.19	0.03	0.10	7.36	7.46	0.09	1.15	1.25	—	3,792	3,792	0.22	0.38	5.63	3,917
2027	2.52	2.07	19.0	15.6	0.05	0.73	4.36	5.09	0.67	1.35	2.02	—	5,647	5,647	0.25	0.19	2.77	5,714
2028	0.88	0.72	4.29	10.8	0.01	0.13	1.85	1.97	0.12	0.44	0.56	—	3,272	3,272	0.09	0.10	5.94	3,309
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	2.54	2.08	19.5	15.8	0.05	0.75	4.36	5.11	0.69	1.35	2.04	—	5,663	5,663	0.25	0.20	0.08	5,728
2027	2.52	2.06	19.0	15.5	0.05	0.73	4.36	5.09	0.67	1.35	2.02	—	5,636	5,636	0.25	0.19	0.17	5,700
2028	163	162	9.62	22.6	0.04	0.31	2.35	2.66	0.29	0.56	0.85	—	6,163	6,163	0.20	0.19	0.19	6,225
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.39	0.29	2.97	3.12	0.01	0.08	2.19	2.27	0.08	0.37	0.45	—	1,684	1,684	0.09	0.12	0.34	1,724

2027	0.76	0.62	5.01	5.69	0.01	0.18	1.16	1.34	0.17	0.34	0.50	—	2,020	2,020	0.08	0.07	0.76	2,043
2028	9.47	9.35	3.28	7.65	0.01	0.10	1.28	1.37	0.09	0.30	0.39	—	2,365	2,365	0.07	0.11	1.79	2,400
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.07	0.05	0.54	0.57	< 0.005	0.02	0.40	0.42	0.01	0.07	0.08	—	279	279	0.01	0.02	0.14	285
2027	0.14	0.11	0.91	1.04	< 0.005	0.03	0.21	0.25	0.03	0.06	0.09	—	334	334	0.01	0.01	0.13	338
2028	1.73	1.71	0.60	1.40	< 0.005	0.02	0.23	0.25	0.02	0.06	0.07	—	392	392	0.01	0.02	0.30	397

2.3. Construction Emissions by Year, Mitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.40	0.22	4.25	8.52	0.03	0.05	7.36	7.41	0.05	1.15	1.20	—	3,792	3,792	0.22	0.38	5.63	3,917
2027	0.57	0.49	3.34	23.2	0.05	0.09	4.36	4.46	0.09	1.35	1.44	—	5,647	5,647	0.25	0.19	2.77	5,714
2028	0.61	0.50	1.85	12.2	0.01	0.04	1.85	1.88	0.03	0.44	0.47	—	3,202	3,202	0.09	0.10	5.94	3,239
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.57	0.50	3.43	23.2	0.05	0.09	4.36	4.46	0.09	1.35	1.44	—	5,663	5,663	0.25	0.20	0.08	5,728
2027	0.62	0.51	3.39	23.1	0.05	0.09	4.36	4.46	0.09	1.35	1.44	—	5,636	5,636	0.25	0.19	0.17	5,700
2028	35.5	35.3	4.60	28.5	0.04	0.11	2.35	2.46	0.11	0.56	0.67	—	6,093	6,093	0.20	0.19	0.19	6,154
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.18	0.12	1.73	5.15	0.01	0.02	2.19	2.21	0.02	0.37	0.40	—	1,684	1,684	0.09	0.12	0.84	1,724
2027	0.26	0.22	1.17	8.37	0.01	0.03	1.16	1.19	0.03	0.34	0.37	—	2,009	2,009	0.08	0.07	0.76	2,031
2028	2.32	2.25	1.47	8.88	0.01	0.03	1.28	1.30	0.03	0.30	0.33	—	2,317	2,317	0.07	0.10	1.79	2,352
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.03	0.02	0.32	0.94	< 0.005	< 0.005	0.40	0.40	< 0.005	0.07	0.07	—	279	279	0.01	0.02	0.14	285
2027	0.05	0.04	0.21	1.53	< 0.005	0.01	0.21	0.22	0.01	0.06	0.07	—	333	333	0.01	0.01	0.13	336

2028	0.42	0.41	0.27	1.62	< 0.005	0.01	0.23	0.24	0.01	0.06	0.06	—	384	384	0.01	0.02	0.30	389
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3. Construction Emissions Details

3.1. Demolition & Site Remediation (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.34	0.29	2.14	3.28	0.01	0.07	—	0.07	0.07	—	0.07	—	1,266	1,266	0.05	0.01	—	1,271
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	1.07	1.07	< 0.005	0.11	0.11	—	11.3	11.3	< 0.005	< 0.005	0.02	11.9
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.34	0.29	2.14	3.28	0.01	0.07	—	0.07	0.07	—	0.07	—	1,266	1,266	0.05	0.01	—	1,271
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	1.07	1.07	< 0.005	0.11	0.11	—	11.3	11.3	< 0.005	< 0.005	< 0.005	11.9
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipm	0.17	0.14	1.03	1.58	0.01	0.03	—	0.03	0.03	—	0.03	—	611	611	0.02	< 0.005	—	613
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.49	0.49	< 0.005	0.05	0.05	—	5.44	5.44	< 0.005	< 0.005	< 0.005	5.72
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.19	0.29	< 0.005	0.01	—	0.01	0.01	—	0.01	—	101	101	< 0.005	< 0.005	—	101
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.09	0.09	< 0.005	0.01	0.01	—	0.90	0.90	< 0.005	< 0.005	< 0.005	0.95
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.66	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	163	163	< 0.005	0.01	0.57	165
Vendor	0.04	0.01	0.51	0.26	< 0.005	< 0.005	0.14	0.14	< 0.005	0.04	0.04	—	502	502	0.03	0.07	1.30	525
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.57	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	155	155	< 0.005	0.01	0.01	157
Vendor	0.04	0.01	0.53	0.26	< 0.005	< 0.005	0.14	0.14	< 0.005	0.04	0.04	—	502	502	0.03	0.07	0.03	524
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.28	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	75.7	75.7	< 0.005	< 0.005	0.12	76.7
Vendor	0.02	< 0.005	0.26	0.12	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	242	242	0.01	0.03	0.27	253
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.5	12.5	< 0.005	< 0.005	0.02	12.7
Vendor	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	40.1	40.1	< 0.005	0.01	0.04	41.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.2. Demolition & Site Remediation (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.13	1.47	6.61	0.01	0.02	—	0.02	0.02	—	0.02	—	1,266	1,266	0.05	0.01	—	1,271
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	1.07	1.07	< 0.005	0.11	0.11	—	11.3	11.3	< 0.005	< 0.005	0.02	11.9
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.13	1.47	6.61	0.01	0.02	—	0.02	0.02	—	0.02	—	1,266	1,266	0.05	0.01	—	1,271
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	1.07	1.07	< 0.005	0.11	0.11	—	11.3	11.3	< 0.005	< 0.005	< 0.005	11.9
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	0.06	0.06	0.71	3.19	0.01	0.01	—	0.01	0.01	—	0.01	—	611	611	0.02	< 0.005	—	613
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.49	0.49	< 0.005	0.05	0.05	—	5.44	5.44	< 0.005	< 0.005	< 0.005	5.72
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.13	0.58	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	101	101	< 0.005	< 0.005	—	101
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.09	0.09	< 0.005	0.01	0.01	—	0.90	0.90	< 0.005	< 0.005	< 0.005	0.95
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.66	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	163	163	< 0.005	0.01	0.57	165
Vendor	0.04	0.01	0.51	0.26	< 0.005	< 0.005	0.14	0.14	< 0.005	0.04	0.04	—	502	502	0.03	0.07	1.30	525
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.57	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	155	155	< 0.005	0.01	0.01	157
Vendor	0.04	0.01	0.53	0.26	< 0.005	< 0.005	0.14	0.14	< 0.005	0.04	0.04	—	502	502	0.03	0.07	0.03	524
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.28	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	75.7	75.7	< 0.005	< 0.005	0.12	76.7
Vendor	0.02	< 0.005	0.26	0.12	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	242	242	0.01	0.03	0.27	253
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.5	12.5	< 0.005	< 0.005	0.02	12.7
Vendor	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	40.1	40.1	< 0.005	0.01	0.04	41.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Demolition Debris Haul (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	5.50	5.50	—	0.83	0.83	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	1.20	1.20	—	0.18	0.18	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.22	0.22	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.18	0.03	2.21	0.98	0.01	0.02	0.49	0.51	0.02	0.14	0.16	—	1,850	1,850	0.14	0.29	3.75	1,945
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.04	0.01	0.51	0.22	< 0.005	0.01	0.11	0.11	0.01	0.03	0.03	—	406	406	0.03	0.06	0.35	426
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.09	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	67.2	67.2	0.01	0.01	0.06	70.5

3.4. Demolition Debris Haul (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	5.50	5.50	—	0.83	0.83	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	1.20	1.20	—	0.18	0.18	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.22	0.22	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.18	0.03	2.21	0.98	0.01	0.02	0.49	0.51	0.02	0.14	0.16	—	1,850	1,850	0.14	0.29	3.75	1,945
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.04	0.01	0.51	0.22	< 0.005	0.01	0.11	0.11	0.01	0.03	0.03	—	406	406	0.03	0.06	0.35	426
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.09	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	67.2	67.2	0.01	0.01	0.06	70.5

3.5. Site Remediation Soil Haul (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.03	< 0.005	0.34	0.15	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	286	286	0.02	0.05	0.58	300
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.03	< 0.005	0.35	0.15	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	286	286	0.02	0.05	0.01	300
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	23.5	23.5	< 0.005	< 0.005	0.02	24.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.89	3.89	< 0.005	< 0.005	< 0.005	4.08

3.6. Site Remediation Soil Haul (2026) - Mitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.03	< 0.005	0.34	0.15	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	286	286	0.02	0.05	0.58	300
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.03	< 0.005	0.35	0.15	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	286	286	0.02	0.05	0.01	300
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	23.5	23.5	< 0.005	< 0.005	0.02	24.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.89	3.89	< 0.005	< 0.005	< 0.005	4.08

3.7. Rough Grading (2026) - Unmitigated

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

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

Off-Road Equipm	2.39	2.01	18.3	14.4	0.04	0.74	—	0.74	0.68	—	0.68	—	4,441	4,441	0.18	0.04	—	4,456
Dust From Material Movement	—	—	—	—	—	—	2.72	2.72	—	1.10	1.10	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	1.15	1.15	< 0.005	0.11	0.11	—	12.0	12.0	< 0.005	< 0.005	< 0.005	12.6
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.11	1.04	0.82	< 0.005	0.04	—	0.04	0.04	—	0.04	—	252	252	0.01	< 0.005	—	253
Dust From Material Movement	—	—	—	—	—	—	0.15	0.15	—	0.06	0.06	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.06	0.06	< 0.005	0.01	0.01	—	0.68	0.68	< 0.005	< 0.005	< 0.005	0.71
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.19	0.15	< 0.005	0.01	—	0.01	0.01	—	0.01	—	41.7	41.7	< 0.005	< 0.005	—	41.9
Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.11	0.11	< 0.005	< 0.005	< 0.005	0.12
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.06	0.80	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	217	217	< 0.005	0.01	0.02	219
Vendor	0.03	0.01	0.40	0.20	< 0.005	< 0.005	0.10	0.11	< 0.005	0.03	0.03	—	377	377	0.02	0.05	0.03	393
Hauling	0.06	0.01	0.76	0.33	< 0.005	0.01	0.16	0.17	0.01	0.05	0.05	—	617	617	0.05	0.10	0.03	647
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.5	12.5	< 0.005	< 0.005	0.02	12.6
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	21.4	21.4	< 0.005	< 0.005	0.02	22.3
Hauling	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	35.0	35.0	< 0.005	0.01	0.03	36.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.07	2.07	< 0.005	< 0.005	< 0.005	2.09
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.54	3.54	< 0.005	< 0.005	< 0.005	3.69
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.80	5.80	< 0.005	< 0.005	0.01	6.09

3.8. Rough Grading (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	2.18	21.8	0.04	0.08	—	0.08	0.08	—	0.08	—	4,441	4,441	0.18	0.04	—	4,456

Dust From Material Movement	—	—	—	—	—	—	2.72	2.72	—	1.10	1.10	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	1.15	1.15	< 0.005	0.11	0.11	—	12.0	12.0	< 0.005	< 0.005	< 0.005	12.6
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.12	1.24	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	252	252	0.01	< 0.005	—	253
Dust From Material Movement	—	—	—	—	—	—	0.15	0.15	—	0.06	0.06	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.06	0.06	< 0.005	0.01	0.01	—	0.68	0.68	< 0.005	< 0.005	< 0.005	0.71
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	41.7	41.7	< 0.005	< 0.005	—	41.9
Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.11	0.11	< 0.005	< 0.005	< 0.005	0.12
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.06	0.80	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	217	217	< 0.005	0.01	0.02	219

Vendor	0.03	0.01	0.40	0.20	< 0.005	< 0.005	0.10	0.11	< 0.005	0.03	0.03	—	377	377	0.02	0.05	0.03	393
Hauling	0.06	0.01	0.76	0.33	< 0.005	0.01	0.16	0.17	0.01	0.05	0.05	—	617	617	0.05	0.10	0.03	647
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.5	12.5	< 0.005	< 0.005	0.02	12.6
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	21.4	21.4	< 0.005	< 0.005	0.02	22.3
Hauling	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	35.0	35.0	< 0.005	0.01	0.03	36.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.07	2.07	< 0.005	< 0.005	< 0.005	2.09
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.54	3.54	< 0.005	< 0.005	< 0.005	3.69
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.80	5.80	< 0.005	< 0.005	0.01	6.09

3.9. Rough Grading (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.38	2.00	17.8	14.2	0.04	0.72	—	0.72	0.66	—	0.66	—	4,437	4,437	0.18	0.04	—	4,452
Dust From Material Movement	—	—	—	—	—	—	2.72	2.72	—	1.10	1.10	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	1.15	1.15	< 0.005	0.11	0.11	—	11.7	11.7	< 0.005	< 0.005	0.02	12.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	2.38	2.00	17.8	14.2	0.04	0.72	—	0.72	0.66	—	0.66	—	4,437	4,437	0.18	0.04	—	4,452
Dust From Material Movement	—	—	—	—	—	—	2.72	2.72	—	1.10	1.10	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	1.15	1.15	< 0.005	0.11	0.11	—	11.7	11.7	< 0.005	< 0.005	< 0.005	12.3
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.45	0.38	3.38	2.70	0.01	0.14	—	0.14	0.13	—	0.13	—	842	842	0.03	0.01	—	845
Dust From Material Movement	—	—	—	—	—	—	0.52	0.52	—	0.21	0.21	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.21	0.21	< 0.005	0.02	0.02	—	2.23	2.23	< 0.005	< 0.005	< 0.005	2.34
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.07	0.62	0.49	< 0.005	0.02	—	0.02	0.02	—	0.02	—	139	139	0.01	< 0.005	—	140
Dust From Material Movement	—	—	—	—	—	—	0.09	0.09	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.04	0.04	< 0.005	< 0.005	< 0.005	—	0.37	0.37	< 0.005	< 0.005	< 0.005	0.39
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.05	0.87	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	224	224	< 0.005	0.01	0.71	227
Vendor	0.03	0.01	0.37	0.18	< 0.005	< 0.005	0.10	0.11	< 0.005	0.03	0.03	—	369	369	0.02	0.05	0.88	386

Hauling	0.06	0.01	0.71	0.32	< 0.005	0.01	0.16	0.17	0.01	0.05	0.05	—	605	605	0.05	0.10	1.15	636
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.05	0.74	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	213	213	< 0.005	0.01	0.02	216
Vendor	0.03	0.01	0.38	0.19	< 0.005	< 0.005	0.10	0.11	< 0.005	0.03	0.03	—	370	370	0.02	0.05	0.02	385
Hauling	0.06	0.01	0.74	0.32	< 0.005	0.01	0.16	0.17	0.01	0.05	0.05	—	605	605	0.05	0.10	0.03	635
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.15	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	41.0	41.0	< 0.005	< 0.005	0.06	41.6
Vendor	0.01	< 0.005	0.07	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	70.1	70.1	< 0.005	0.01	0.07	73.2
Hauling	0.01	< 0.005	0.14	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	115	115	0.01	0.02	0.09	121
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.79	6.79	< 0.005	< 0.005	0.01	6.88
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.6	11.6	< 0.005	< 0.005	0.01	12.1
Hauling	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	19.0	19.0	< 0.005	< 0.005	0.02	20.0

3.10. Rough Grading (2027) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	2.18	21.8	0.04	0.08	—	0.08	0.08	—	0.08	—	4,437	4,437	0.18	0.04	—	4,452
Dust From Material Movement	—	—	—	—	—	—	2.72	2.72	—	1.10	1.10	—	—	—	—	—	—	—

Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	1.15	1.15	< 0.005	0.11	0.11	—	11.7	11.7	< 0.005	< 0.005	0.02	12.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	2.18	21.8	0.04	0.08	—	0.08	0.08	—	0.08	—	4,437	4,437	0.18	0.04	—	4,452
Dust From Material Movement	—	—	—	—	—	—	2.72	2.72	—	1.10	1.10	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	1.15	1.15	< 0.005	0.11	0.11	—	11.7	11.7	< 0.005	< 0.005	< 0.005	12.3
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.08	0.41	4.14	0.01	0.02	—	0.02	0.02	—	0.02	—	842	842	0.03	0.01	—	845
Dust From Material Movement	—	—	—	—	—	—	0.52	0.52	—	0.21	0.21	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.21	0.21	< 0.005	0.02	0.02	—	2.23	2.23	< 0.005	< 0.005	< 0.005	2.34
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.76	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	139	139	0.01	< 0.005	—	140
Dust From Material Movement	—	—	—	—	—	—	0.09	0.09	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.04	0.04	< 0.005	< 0.005	< 0.005	—	0.37	0.37	< 0.005	< 0.005	< 0.005	0.39

B1-90

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.05	0.87	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	224	224	< 0.005	0.01	0.71	227
Vendor	0.03	0.01	0.37	0.18	< 0.005	< 0.005	0.10	0.11	< 0.005	0.03	0.03	—	369	369	0.02	0.05	0.88	386
Hauling	0.06	0.01	0.71	0.32	< 0.005	0.01	0.16	0.17	0.01	0.05	0.05	—	605	605	0.05	0.10	1.15	636
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.05	0.74	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	213	213	< 0.005	0.01	0.02	216
Vendor	0.03	0.01	0.38	0.19	< 0.005	< 0.005	0.10	0.11	< 0.005	0.03	0.03	—	370	370	0.02	0.05	0.02	385
Hauling	0.06	0.01	0.74	0.32	< 0.005	0.01	0.16	0.17	0.01	0.05	0.05	—	605	605	0.05	0.10	0.03	635
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.15	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	41.0	41.0	< 0.005	< 0.005	0.06	41.6
Vendor	0.01	< 0.005	0.07	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	70.1	70.1	< 0.005	0.01	0.07	73.2
Hauling	0.01	< 0.005	0.14	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	115	115	0.01	0.02	0.09	121
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.79	6.79	< 0.005	< 0.005	0.01	6.88
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.6	11.6	< 0.005	< 0.005	0.01	12.1
Hauling	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	19.0	19.0	< 0.005	< 0.005	0.02	20.0

3.11. Building Construction (2027) - Unmitigated

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

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

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipm ent	0.43	0.36	3.47	4.46	0.01	0.13	—	0.13	0.12	—	0.12	—	1,077	1,077	0.04	0.01	—	1,081
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipm ent	0.07	0.06	0.57	0.73	< 0.005	0.02	—	0.02	0.02	—	0.02	—	177	177	0.01	< 0.005	—	178
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipm ent	0.01	0.01	0.10	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	29.3	29.3	< 0.005	< 0.005	—	29.4
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.43	0.37	0.39	5.48	0.00	0.00	1.68	1.68	0.00	0.39	0.39	—	1,570	1,570	0.02	0.06	0.14	1,589
Vendor	0.05	0.01	0.61	0.30	< 0.005	< 0.005	0.16	0.17	< 0.005	0.05	0.05	—	589	589	0.03	0.08	0.04	614
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.07	0.06	0.07	0.94	0.00	0.00	0.27	0.27	0.00	0.06	0.06	—	262	262	< 0.005	0.01	0.37	265
Vendor	0.01	< 0.005	0.10	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	96.9	96.9	< 0.005	0.01	0.10	101
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.17	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	43.3	43.3	< 0.005	< 0.005	0.06	43.9
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	16.0	16.0	< 0.005	< 0.005	0.02	16.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Building Construction (2027) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.14	0.97	5.89	0.01	0.03	—	0.03	0.03	—	0.03	—	1,007	1,007	0.04	0.01	—	1,010
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.16	0.97	< 0.005	0.01	—	0.01	0.01	—	0.01	—	165	165	0.01	< 0.005	—	166
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	B1-93	—

Off-Road Equipment	< 0.005	< 0.005	0.03	0.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	27.4	27.4	< 0.005	< 0.005	—	27.5
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.43	0.37	0.39	5.48	0.00	0.00	1.68	1.68	0.00	0.39	0.39	—	1,570	1,570	0.02	0.06	0.14	1,589
Vendor	0.05	0.01	0.61	0.30	< 0.005	< 0.005	0.16	0.17	< 0.005	0.05	0.05	—	589	589	0.03	0.08	0.04	614
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.07	0.94	0.00	0.00	0.27	0.27	0.00	0.06	0.06	—	262	262	< 0.005	0.01	0.37	265
Vendor	0.01	< 0.005	0.10	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	96.9	96.9	< 0.005	0.01	0.10	101
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.17	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	43.3	43.3	< 0.005	< 0.005	0.06	43.9
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	16.0	16.0	< 0.005	< 0.005	0.02	16.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Building Construction (2028) - Unmitigated

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

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

Off-Road Equipment	0.42	0.36	3.39	4.46	0.01	0.12	—	0.12	0.11	—	0.11	—	1,076	1,076	0.04	0.01	—	1,080
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.36	3.39	4.46	0.01	0.12	—	0.12	0.11	—	0.11	—	1,076	1,076	0.04	0.01	—	1,080
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.29	0.24	2.32	3.05	0.01	0.08	—	0.08	0.08	—	0.08	—	737	737	0.03	0.01	—	740
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.42	0.56	< 0.005	0.02	—	0.02	0.01	—	0.01	—	122	122	< 0.005	< 0.005	—	122
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.42	0.36	0.33	6.01	0.00	0.00	1.68	1.68	0.00	0.39	0.39	—	1,621	1,621	0.02	0.01	4.68	1,628
Vendor	0.04	0.01	0.56	0.28	< 0.005	< 0.005	0.16	0.17	< 0.005	0.05	0.05	—	575	575	0.03	0.08	1.27	601
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.41	0.35	0.39	5.16	0.00	0.00	1.68	1.68	0.00	0.39	0.39	—	1,542	1,542	0.02	0.06	0.12	1,561
Vendor	0.04	0.01	0.59	0.29	< 0.005	< 0.005	0.16	0.17	< 0.005	0.05	0.05	—	576	576	0.03	0.08	0.03	600
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.29	0.24	0.27	3.70	0.00	0.00	1.14	1.14	0.00	0.27	0.27	—	1,071	1,071	0.01	0.04	1.38	1,085
Vendor	0.03	0.01	0.40	0.20	< 0.005	< 0.005	0.11	0.11	< 0.005	0.03	0.03	—	394	394	0.02	0.06	0.38	412
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.05	0.67	0.00	0.00	0.21	0.21	0.00	0.05	0.05	—	177	177	< 0.005	0.01	0.23	180
Vendor	0.01	< 0.005	0.07	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	65.3	65.3	< 0.005	0.01	0.06	68.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.14. Building Construction (2028) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.14	0.95	5.90	0.01	0.03	—	0.03	0.03	—	0.03	—	1,006	1,006	0.04	0.01	—	1,009
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.15	0.14	0.95	5.90	0.01	0.03	—	0.03	0.03	—	0.03	—	1,006	1,006	0.04	0.01	—	1,009
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.09	0.65	4.04	0.01	0.02	—	0.02	0.02	—	0.02	—	689	689	0.03	0.01	—	691
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.12	0.74	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	114	114	< 0.005	< 0.005	—	114
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.42	0.36	0.33	6.01	0.00	0.00	1.68	1.68	0.00	0.39	0.39	—	1,621	1,621	0.02	0.01	4.68	1,628
Vendor	0.04	0.01	0.56	0.28	< 0.005	< 0.005	0.16	0.17	< 0.005	0.05	0.05	—	575	575	0.03	0.08	1.27	601
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.41	0.35	0.39	5.16	0.00	0.00	1.68	1.68	0.00	0.39	0.39	—	1,542	1,542	0.02	0.06	0.12	1,561
Vendor	0.04	0.01	0.59	0.29	< 0.005	< 0.005	0.16	0.17	< 0.005	0.05	0.05	—	576	576	0.03	0.08	0.03	600
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.29	0.24	0.27	3.70	0.00	0.00	1.14	1.14	0.00	0.27	0.27	—	1,071	1,071	0.01	0.04	1.38	1,085
Vendor	0.03	0.01	0.40	0.20	< 0.005	< 0.005	0.11	0.11	< 0.005	0.03	0.03	—	394	394	0.02	0.06	0.38	412
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.05	0.67	0.00	0.00	0.21	0.21	0.00	0.05	0.05	—	177	177	< 0.005	0.01	0.23	180
Vendor	0.01	< 0.005	0.07	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	65.3	65.3	< 0.005	0.01	0.06	68.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.15. Asphalt Paving (2028) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.61	0.51	3.70	9.67	0.02	0.15	—	0.15	0.14	—	0.14	—	2,277	2,277	0.09	0.02	—	2,284
Paving	0.40	0.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.20	0.53	< 0.005	0.01	—	0.01	0.01	—	0.01	—	125	125	0.01	< 0.005	—	125
Paving	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.04	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	20.7	20.7	< 0.005	< 0.005	—	20.7
Paving	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.04	0.50	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	150	150	< 0.005	0.01	0.01	151
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.31	8.31	< 0.005	< 0.005	0.01	8.42
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.38	1.38	< 0.005	< 0.005	< 0.005	1.39
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.16. Asphalt Paving (2028) - Mitigated

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

B1-99

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.22	0.22	1.12	14.1	0.02	0.04	—	0.04	0.04	—	0.04	—	2,277	2,277	0.09	0.02	—	2,284
Paving	0.40	0.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.77	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	125	125	0.01	< 0.005	—	125
Paving	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	20.7	20.7	< 0.005	< 0.005	—	20.7
Paving	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.04	0.50	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	150	150	< 0.005	0.01	0.01	151
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.31	8.31	< 0.005	< 0.005	0.01	8.42
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.38	1.38	< 0.005	< 0.005	< 0.005	1.39
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.17. Architectural Coating (2028) - Unmitigated

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

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

Off-Road Equipm ent	0.19	0.16	1.43	1.53	< 0.005	0.03	—	0.03	0.03	—	0.03	—	234	234	0.01	< 0.005	—	235
Architect ural Coating s	160	160	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipm ent	0.01	0.01	0.08	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.8	12.8	< 0.005	< 0.005	—	12.9
Architect ural Coating s	8.79	8.79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipm ent	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.13	2.13	< 0.005	< 0.005	—	2.13
Architect ural Coating s	1.60	1.60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.08	1.03	0.00	0.00	0.34	0.34	0.00	0.08	0.08	—	308	308	< 0.005	0.01	0.02	312
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.06	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	17.1	17.1	< 0.005	< 0.005	0.02	17.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.84	2.84	< 0.005	< 0.005	< 0.005	2.87
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.18. Architectural Coating (2028) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.16	1.43	1.53	< 0.005	0.03	—	0.03	0.03	—	0.03	—	234	234	0.01	< 0.005	—	235

Architectural Coating	33.9	33.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.8	12.8	< 0.005	< 0.005	—	12.9
Architectural Coatings	1.86	1.86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.13	2.13	< 0.005	< 0.005	—	2.13
Architectural Coatings	0.34	0.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.08	1.03	0.00	0.00	0.34	0.34	0.00	0.08	0.08	—	308	308	< 0.005	0.01	0.02	312
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.06	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	17.1	17.1	< 0.005	< 0.005	0.02	17.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.84	2.84	< 0.005	< 0.005	< 0.005	2.87
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.19. Infrastructure (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.32	0.27	1.77	2.36	0.01	0.06	—	0.06	0.06	—	0.06	—	1,022	1,022	0.04	0.01	—	1,025
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.32	0.27	1.77	2.36	0.01	0.06	—	0.06	0.06	—	0.06	—	1,022	1,022	0.04	0.01	—	1,025
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipm ent	0.12	0.10	0.64	0.85	< 0.005	0.02	—	0.02	0.02	—	0.02	—	370	370	0.01	< 0.005	—	371
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipm ent	0.02	0.02	0.12	0.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	61.2	61.2	< 0.005	< 0.005	—	61.4
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.49	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	128	128	< 0.005	< 0.005	0.41	130
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.43	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	122	122	< 0.005	< 0.005	0.01	123
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.16	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	44.7	44.7	< 0.005	< 0.005	0.06	45.3
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	B1-106	—

Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.39	7.39	< 0.005	< 0.005	0.01	7.49
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.20. Infrastructure (2027) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.10	0.50	5.15	0.01	0.02	—	0.02	0.02	—	0.02	—	1,022	1,022	0.04	0.01	—	1,025
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.10	0.50	5.15	0.01	0.02	—	0.02	0.02	—	0.02	—	1,022	1,022	0.04	0.01	—	1,025
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.18	1.86	< 0.005	0.01	—	0.01	0.01	—	0.01	—	370	370	0.01	< 0.005	—	371
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.03	0.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	61.2	61.2	< 0.005	< 0.005	—	61.4
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.49	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	128	128	< 0.005	< 0.005	0.41	130
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.43	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	122	122	< 0.005	< 0.005	0.01	123
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.16	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	44.7	44.7	< 0.005	< 0.005	0.06	45.3
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.39	7.39	< 0.005	< 0.005	0.01	7.49
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition & Site Remediation	Demolition	4/1/2026	12/2/2026	5.00	176	—
Demolition Debris Haul	Demolition	4/1/2026	7/21/2026	5.00	80.0	—
Site Remediation Soil Haul	Site Preparation	7/22/2026	12/2/2026	5.00	30.0	—
Rough Grading	Grading	12/3/2026	4/7/2027	5.00	90.0	—
Building Construction	Building Construction	10/9/2027	12/15/2028	5.00	310	—
Asphalt Paving	Paving	11/18/2028	12/15/2028	5.00	20.0	—
Architectural Coating	Architectural Coating	11/18/2028	12/15/2028	5.00	20.0	—
Infrastructure	Trenching	4/8/2027	10/8/2027	5.00	132	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition & Site Remediation	Excavators	Diesel	Average	1.00	2.96	308	0.38
Demolition & Site Remediation	Skid Steer Loaders	Diesel	Average	2.00	2.96	65.0	0.40
Demolition & Site Remediation	Excavators	Diesel	Average	1.00	2.96	215	0.38
Demolition & Site Remediation	Excavators	Diesel	Average	1.00	2.96	308	0.38
Rough Grading	Scrapers	Diesel	Average	4.00	3.12	447	0.37
Rough Grading	Rubber Tired Dozers	Diesel	Average	1.00	3.12	347	0.38
Rough Grading	Rubber Tired Dozers	Diesel	Average	1.00	3.12	405	0.40
Rough Grading	Graders	Diesel	Average	1.00	3.12	648	0.41
Building Construction	Trenchers	Diesel	Average	1.00	1.71	367	0.50-109

Building Construction	Pumps	Diesel	Average	1.00	1.71	82.0	0.20
Building Construction	Other Material Handling Equipment	Diesel	Average	2.00	1.71	93.0	0.40
Building Construction	Tractors/Loaders/Back hoes	Diesel	Average	1.00	1.71	84.0	0.37
Building Construction	Trenchers	Diesel	Average	1.00	1.71	367	0.50
Building Construction	Tractors/Loaders/Back hoes	Diesel	Average	1.00	1.71	84.0	0.37
Building Construction	Pumps	Diesel	Average	1.00	1.71	82.0	0.20
Asphalt Paving	Pavers	Diesel	Average	1.00	8.00	225	0.42
Asphalt Paving	Rubber Tired Loaders	Diesel	Average	1.00	8.00	100	0.36
Asphalt Paving	Rollers	Diesel	Average	3.00	8.00	100	0.38
Architectural Coating	Pumps	Diesel	Average	1.00	8.00	37.0	0.48
Architectural Coating	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Infrastructure	Excavators	Diesel	Average	1.00	3.08	273	0.38
Infrastructure	Excavators	Diesel	Average	1.00	2.28	273	0.38
Infrastructure	Rubber Tired Loaders	Diesel	Average	1.00	3.08	249	0.36
Infrastructure	Tractors/Loaders/Back hoes	Diesel	Average	1.00	1.17	107	0.37

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition & Site Remediation	Excavators	Diesel	Tier 4 Final	1.00	2.96	308	0.38
Demolition & Site Remediation	Skid Steer Loaders	Diesel	Tier 4 Final	2.00	2.96	65.0	0.40
Demolition & Site Remediation	Excavators	Diesel	Tier 4 Final	1.00	2.96	215	0.38
Demolition & Site Remediation	Excavators	Diesel	Tier 4 Final	1.00	2.96	308	0.38

Rough Grading	Scrapers	Diesel	Tier 4 Final	4.00	3.12	447	0.37
Rough Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	3.12	347	0.38
Rough Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	3.12	405	0.40
Rough Grading	Graders	Diesel	Tier 4 Final	1.00	3.12	648	0.41
Building Construction	Trenchers	Diesel	Tier 4 Final	1.00	1.71	367	0.50
Building Construction	Pumps	Diesel	Tier 4 Final	1.00	1.71	82.0	0.20
Building Construction	Other Material Handling Equipment	Diesel	Average	2.00	1.71	93.0	0.40
Building Construction	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	1.71	84.0	0.37
Building Construction	Trenchers	Diesel	Tier 4 Final	1.00	1.71	367	0.50
Building Construction	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	1.71	84.0	0.37
Building Construction	Pumps	Diesel	Tier 4 Final	1.00	1.71	82.0	0.20
Asphalt Paving	Pavers	Diesel	Tier 4 Final	1.00	8.00	225	0.42
Asphalt Paving	Rubber Tired Loaders	Diesel	Tier 4 Final	1.00	8.00	100	0.36
Asphalt Paving	Rollers	Diesel	Tier 4 Final	3.00	8.00	100	0.38
Architectural Coating	Pumps	Diesel	Average	1.00	8.00	37.0	0.48
Architectural Coating	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Infrastructure	Excavators	Diesel	Tier 4 Final	1.00	3.08	273	0.38
Infrastructure	Excavators	Diesel	Tier 4 Final	1.00	2.28	273	0.38
Infrastructure	Rubber Tired Loaders	Diesel	Tier 4 Final	1.00	3.08	249	0.36
Infrastructure	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	1.17	107	0.37

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
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Demolition & Site Remediation	—	—	—	—
Demolition & Site Remediation	Worker	12.5	18.5	LDA,LDT1,LDT2
Demolition & Site Remediation	Vendor	16.0	10.2	HHDT,MHDT
Demolition & Site Remediation	Hauling	0.00	20.0	HHDT
Demolition & Site Remediation	Onsite truck	1.00	2.89	HHDT
Demolition Debris Haul	—	—	—	—
Demolition Debris Haul	Worker	0.00	18.5	LDA,LDT1,LDT2
Demolition Debris Haul	Vendor	—	10.2	HHDT,MHDT
Demolition Debris Haul	Hauling	27.0	20.0	HHDT
Demolition Debris Haul	Onsite truck	—	—	HHDT
Site Remediation Soil Haul	—	—	—	—
Site Remediation Soil Haul	Worker	0.00	18.5	LDA,LDT1,LDT2
Site Remediation Soil Haul	Vendor	—	10.2	HHDT,MHDT
Site Remediation Soil Haul	Hauling	4.17	20.0	HHDT
Site Remediation Soil Haul	Onsite truck	—	—	HHDT
Rough Grading	—	—	—	—
Rough Grading	Worker	17.5	18.5	LDA,LDT1,LDT2
Rough Grading	Vendor	12.0	10.2	HHDT,MHDT
Rough Grading	Hauling	9.00	20.0	HHDT
Rough Grading	Onsite truck	1.00	3.09	HHDT
Asphalt Paving	—	—	—	—
Asphalt Paving	Worker	12.5	18.5	LDA,LDT1,LDT2
Asphalt Paving	Vendor	—	10.2	HHDT,MHDT
Asphalt Paving	Hauling	0.00	20.0	HHDT
Asphalt Paving	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	129	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	19.1	10.2	HHDT,MHDT

Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	25.8	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT
Infrastructure	—	—	—	—
Infrastructure	Worker	10.0	18.5	LDA,LDT1,LDT2
Infrastructure	Vendor	—	10.2	HHDT,MHDT
Infrastructure	Hauling	0.00	20.0	HHDT
Infrastructure	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition & Site Remediation	—	—	—	—
Demolition & Site Remediation	Worker	12.5	18.5	LDA,LDT1,LDT2
Demolition & Site Remediation	Vendor	16.0	10.2	HHDT,MHDT
Demolition & Site Remediation	Hauling	0.00	20.0	HHDT
Demolition & Site Remediation	Onsite truck	1.00	2.89	HHDT
Demolition Debris Haul	—	—	—	—
Demolition Debris Haul	Worker	0.00	18.5	LDA,LDT1,LDT2
Demolition Debris Haul	Vendor	—	10.2	HHDT,MHDT
Demolition Debris Haul	Hauling	27.0	20.0	HHDT
Demolition Debris Haul	Onsite truck	—	—	HHDT
Site Remediation Soil Haul	—	—	—	—
Site Remediation Soil Haul	Worker	0.00	18.5	LDA,LDT1,LDT2
Site Remediation Soil Haul	Vendor	—	10.2	HHDT,MHDT

Site Remediation Soil Haul	Hauling	4.17	20.0	HHDT
Site Remediation Soil Haul	Onsite truck	—	—	HHDT
Rough Grading	—	—	—	—
Rough Grading	Worker	17.5	18.5	LDA,LDT1,LDT2
Rough Grading	Vendor	12.0	10.2	HHDT,MHDT
Rough Grading	Hauling	9.00	20.0	HHDT
Rough Grading	Onsite truck	1.00	3.09	HHDT
Asphalt Paving	—	—	—	—
Asphalt Paving	Worker	12.5	18.5	LDA,LDT1,LDT2
Asphalt Paving	Vendor	—	10.2	HHDT,MHDT
Asphalt Paving	Hauling	0.00	20.0	HHDT
Asphalt Paving	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	129	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	19.1	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	25.8	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT
Infrastructure	—	—	—	—
Infrastructure	Worker	10.0	18.5	LDA,LDT1,LDT2
Infrastructure	Vendor	—	10.2	HHDT,MHDT
Infrastructure	Hauling	0.00	20.0	HHDT
Infrastructure	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%
Sweep paved roads once per month	9%	9%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	1,023,162	341,054	0.00	0.00	10,007

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Demolition & Site Remediation	0.00	0.00	0.00	—	—
Demolition Debris Haul	0.00	0.00	0.00	20,800	—
Site Remediation Soil Haul	—	1,000	0.00	0.00	—
Rough Grading	—	7,921	591	0.00	—
Asphalt Paving	0.00	0.00	0.00	0.00	3.83

5.6.2. Construction Earthmoving Control Strategies

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

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Condo/Townhouse High Rise	—	0%
Other Non-Asphalt Surfaces	0.81	0%
Other Asphalt Surfaces	3.02	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

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

8. User Changes to Default Data

Screen	Justification
Land Use	Adjusted to match project description
Construction: Construction Phases	Adjusted based on workdays provided by applicant
Construction: Off-Road Equipment	Adjusted to include applicant-provided equipment
Construction: Trips and VMT	Adjusted to match off-model calculation of demolition debris and soil export haul trips
Construction: Architectural Coatings	Mitigation to reduce VOC coatings
Construction: Dust From Material Movement	Updated based on applicant-provided information

BREA-05_Operation Custom Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	BREA-05_Operation
Operational Year	2028
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	1.80
Precipitation (days)	21.2
Location	Greenbriar Ln, Brea, CA 92821, USA
County	Orange
City	Brea
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5781
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.28

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Condo/Townhouse High Rise	179	Dwelling Unit	3.29	505,265	112,354	—	505	—

Other Non-Asphalt Surfaces	35.0	1000sqft	0.80	0.00	0.00	—	—	—
Other Asphalt Surfaces	131	1000sqft	3.01	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	28.0	22.4	7.54	98.6	0.28	6.59	11.8	18.4	6.35	2.99	9.34	1,489	16,981	18,470	48.9	0.53	38.1	19,890
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	27.1	21.4	7.76	85.1	0.28	6.59	11.8	18.4	6.35	2.99	9.34	1,489	16,486	17,974	48.9	0.55	4.51	19,367
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	17.6	16.8	4.21	46.0	0.12	0.55	10.1	10.7	0.53	2.58	3.10	505	11,963	12,468	44.2	0.49	16.6	13,735
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.21	3.06	0.77	8.39	0.02	0.10	1.85	1.95	0.10	0.47	0.57	83.6	1,981	2,064	7.32	0.08	2.75	2,274

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
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Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	5.25	4.75	3.56	43.2	0.12	0.07	11.8	11.9	0.06	2.99	3.05	—	12,200	12,200	0.49	0.44	34.5	12,380
Area	22.7	17.6	3.48	55.2	0.16	6.48	—	6.48	6.25	—	6.25	1,056	3,417	4,474	5.00	0.01	—	4,601
Energy	0.06	0.03	0.50	0.21	< 0.005	0.04	—	0.04	0.04	—	0.04	—	1,260	1,260	0.12	0.01	—	1,265
Water	—	—	—	—	—	—	—	—	—	—	—	29.5	104	134	3.04	0.07	—	232
Waste	—	—	—	—	—	—	—	—	—	—	—	403	0.00	403	40.3	0.00	—	1,409
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.62	3.62
Total	28.0	22.4	7.54	98.6	0.28	6.59	11.8	18.4	6.35	2.99	9.34	1,489	16,981	18,470	48.9	0.53	38.1	19,890
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	5.21	4.71	3.87	39.9	0.11	0.07	11.8	11.9	0.06	2.99	3.05	—	11,732	11,732	0.51	0.46	0.89	11,884
Area	21.8	16.7	3.39	45.0	0.16	6.48	—	6.48	6.25	—	6.25	1,056	3,390	4,446	5.00	0.01	—	4,573
Energy	0.06	0.03	0.50	0.21	< 0.005	0.04	—	0.04	0.04	—	0.04	—	1,260	1,260	0.12	0.01	—	1,265
Water	—	—	—	—	—	—	—	—	—	—	—	29.5	104	134	3.04	0.07	—	232
Waste	—	—	—	—	—	—	—	—	—	—	—	403	0.00	403	40.3	0.00	—	1,409
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.62	3.62
Total	27.1	21.4	7.76	85.1	0.28	6.59	11.8	18.4	6.35	2.99	9.34	1,489	16,486	17,974	48.9	0.55	4.51	19,367
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	4.52	4.08	3.41	35.7	0.10	0.06	10.1	10.2	0.05	2.58	2.63	—	10,349	10,349	0.44	0.41	13.0	10,494
Area	13.0	12.7	0.30	10.1	0.01	0.45	—	0.45	0.43	—	0.43	72.4	251	323	0.34	< 0.005	—	332
Energy	0.06	0.03	0.50	0.21	< 0.005	0.04	—	0.04	0.04	—	0.04	—	1,260	1,260	0.12	0.01	—	1,265
Water	—	—	—	—	—	—	—	—	—	—	—	29.5	104	134	3.04	0.07	—	232
Waste	—	—	—	—	—	—	—	—	—	—	—	403	0.00	403	40.3	0.00	—	1,409
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.62	3.62
Total	17.6	16.8	4.21	46.0	0.12	0.55	10.1	10.7	0.53	2.58	3.10	505	11,963	12,468	44.2	0.49	16.6	13,735
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Mobile	0.83	0.75	0.62	6.52	0.02	0.01	1.85	1.86	0.01	0.47	0.48	—	1,713	1,713	0.07	0.07	2.15	1,737
Area	2.38	2.31	0.05	1.83	< 0.005	0.08	—	0.08	0.08	—	0.08	12.0	41.5	53.5	0.06	< 0.005	—	55.0
Energy	0.01	0.01	0.09	0.04	< 0.005	0.01	—	0.01	0.01	—	0.01	—	209	209	0.02	< 0.005	—	209
Water	—	—	—	—	—	—	—	—	—	—	—	4.89	17.3	22.2	0.50	0.01	—	38.3
Waste	—	—	—	—	—	—	—	—	—	—	—	66.7	0.00	66.7	6.67	0.00	—	233
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.60	0.60
Total	3.21	3.06	0.77	8.39	0.02	0.10	1.85	1.95	0.10	0.47	0.57	83.6	1,981	2,064	7.32	0.08	2.75	2,274

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse High Rise	5.25	4.75	3.56	43.2	0.12	0.07	11.8	11.9	0.06	2.99	3.05	—	12,200	12,200	0.49	0.44	34.5	12,380
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	5.25	4.75	3.56	43.2	0.12	0.07	11.8	11.9	0.06	2.99	3.05	—	12,200	12,200	0.49	0.44	34.5	12,380

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse High Rise	5.21	4.71	3.87	39.9	0.11	0.07	11.8	11.9	0.06	2.99	3.05	—	11,732	11,732	0.51	0.46	0.89	11,884
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	5.21	4.71	3.87	39.9	0.11	0.07	11.8	11.9	0.06	2.99	3.05	—	11,732	11,732	0.51	0.46	0.89	11,884
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse High Rise	0.83	0.75	0.62	6.52	0.02	0.01	1.85	1.86	0.01	0.47	0.48	—	1,713	1,713	0.07	0.07	2.15	1,737
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.83	0.75	0.62	6.52	0.02	0.01	1.85	1.86	0.01	0.47	0.48	—	1,713	1,713	0.07	0.07	2.15	1,737

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse High Rise	—	—	—	—	—	—	—	—	—	—	—	—	622	622	0.06	0.01	—	626
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	622	622	0.06	0.01	—	626
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse High Rise	—	—	—	—	—	—	—	—	—	—	—	—	622	622	0.06	0.01	—	626
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	622	622	0.06	0.01	—	626
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse High Rise	—	—	—	—	—	—	—	—	—	—	—	—	103	103	0.01	< 0.005	—	104

Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	103	103	0.01	< 0.005	—	104

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse High Rise	0.06	0.03	0.50	0.21	< 0.005	0.04	—	0.04	0.04	—	0.04	—	637	637	0.06	< 0.005	—	639
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.06	0.03	0.50	0.21	< 0.005	0.04	—	0.04	0.04	—	0.04	—	637	637	0.06	< 0.005	—	639
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse High Rise	0.06	0.03	0.50	0.21	< 0.005	0.04	—	0.04	0.04	—	0.04	—	637	637	0.06	< 0.005	—	639

Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.06	0.03	0.50	0.21	< 0.005	0.04	—	0.04	0.04	—	0.04	—	637	637	0.06	< 0.005	—	639
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse High Rise	0.01	0.01	0.09	0.04	< 0.005	0.01	—	0.01	0.01	—	0.01	—	105	105	0.01	< 0.005	—	106
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.01	0.01	0.09	0.04	< 0.005	0.01	—	0.01	0.01	—	0.01	—	105	105	0.01	< 0.005	—	106

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	10.1	4.99	3.39	45.0	0.16	6.48	—	6.48	6.25	—	6.25	1,056	3,390	4,446	5.00	0.01	—	4,573
Consumer Products	10.8	10.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architect ural	0.88	0.88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landsca pe Equipm ent	0.93	0.89	0.10	10.2	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	27.2	27.2	< 0.005	< 0.005	—	27.2
Total	22.7	17.6	3.48	55.2	0.16	6.48	—	6.48	6.25	—	6.25	1,056	3,417	4,474	5.00	0.01	—	4,601
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	10.1	4.99	3.39	45.0	0.16	6.48	—	6.48	6.25	—	6.25	1,056	3,390	4,446	5.00	0.01	—	4,573
Consum er Product s	10.8	10.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coating s	0.88	0.88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	21.8	16.7	3.39	45.0	0.16	6.48	—	6.48	6.25	—	6.25	1,056	3,390	4,446	5.00	0.01	—	4,573
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.13	0.06	0.04	0.56	< 0.005	0.08	—	0.08	0.08	—	0.08	12.0	38.4	50.4	0.06	< 0.005	—	51.9
Consum er Product s	1.98	1.98	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coating s	0.16	0.16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landsca pe Equipm ent	0.12	0.11	0.01	1.27	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.08	3.08	< 0.005	< 0.005	—	3.09
Total	2.38	2.31	0.05	1.83	< 0.005	0.08	—	0.08	0.08	—	0.08	12.0	41.5	53.5	0.06	< 0.005	—	55.0

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse High Rise	—	—	—	—	—	—	—	—	—	—	—	29.5	104	134	3.04	0.07	—	232
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	29.5	104	134	3.04	0.07	—	232
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse High Rise	—	—	—	—	—	—	—	—	—	—	—	29.5	104	134	3.04	0.07	—	232
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	29.5	104	134	3.04	0.07	B1-129	232

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse High Rise	—	—	—	—	—	—	—	—	—	—	—	4.89	17.3	22.2	0.50	0.01	—	38.3
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	4.89	17.3	22.2	0.50	0.01	—	38.3

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse High Rise	—	—	—	—	—	—	—	—	—	—	—	403	0.00	403	40.3	0.00	—	1,409
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	403	0.00	403	40.3	0.00	—	1,409

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse High Rise	—	—	—	—	—	—	—	—	—	—	—	403	0.00	403	40.3	0.00	—	1,409
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	403	0.00	403	40.3	0.00	—	1,409
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse High Rise	—	—	—	—	—	—	—	—	—	—	—	66.7	0.00	66.7	6.67	0.00	—	233
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	66.7	0.00	66.7	6.67	0.00	—	233

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse High Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.62	3.62
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.62	3.62
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse High Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.62	3.62
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.62	3.62
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse High Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.60	0.60
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.60	0.60

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

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

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Condo/Townhouse High Rise	1,296	1,577	1,577	502,333	13,690	16,658	16,658	5,306,318
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

Hearth Type	Unmitigated (number)
Condo/Townhouse High Rise	—
Wood Fireplaces	0
Gas Fireplaces	161
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	18
Conventional Wood Stoves	0
Catalytic Wood Stoves	9
Non-Catalytic Wood Stoves	9
Pellet Wood Stoves	0

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
1023161.625	341,054	0.00	0.00	9,960

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Condo/Townhouse High Rise	656,184	346	0.0330	0.0040	1,988,125

Other Non-Asphalt Surfaces	0.00	346	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	346	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Condo/Townhouse High Rise	15,408,110	958,490
Other Non-Asphalt Surfaces	0.00	0.00
Other Asphalt Surfaces	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Condo/Townhouse High Rise	747	—
Other Non-Asphalt Surfaces	0.00	—
Other Asphalt Surfaces	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Condo/Townhouse High Rise	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Condo/Townhouse High Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
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5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
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5.16.2. Process Boilers

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

Equipment Type	Fuel Type
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8. User Changes to Default Data

Screen	Justification
Land Use	Adjusted to match project description
Operations: Vehicle Data	Adjusted to match project TIA-calculated trips
Operations: Hearths	Assumes no wood fireplaces consistent with project plans
Operations: Water and Waste Water	Updated to match calculations in utilities section
Operations: Solid Waste	Updated to match utilities section calculations

Emissions Calculations

Regional Construction Emissions Worksheet (Worst-Day Scenario)

3.1. Demolition & Site Remediation (2026) - Unmitigated							
		ROG	NOx	CO	SO	PM10 Total	PM2.5Total
Onsite		Summer					
	Off-Road Equipment	0.64	4.71	7.21	0.03	0.16	0.14
	Demolition	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	< 0.005	0.02	0.01	< 0.005	1.07	0.11
	Total	0.64	4.73	7.22	0.03	1.23	0.25
Offsite	Worker	0.04	0.04	0.66	0.00	0.16	0.04
	Vendor	0.01	0.57	0.29	< 0.005	0.16	0.05
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.05	0.61	0.95	0.00	0.32	0.09
	TOTAL	0.69	5.34	8.17	0.03	1.55	0.34
Onsite		Winter					
	Off-Road Equipment	0.64	4.71	7.21	0.03	0.16	0.14
	Demolition	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	< 0.005	0.02	0.01	< 0.005	1.07	0.11
	Total	0.64	4.73	7.22	0.03	1.23	0.25
Offsite	Worker	0.04	0.04	0.57	0.00	0.16	0.04
	Vendor	0.01	0.60	0.29	< 0.005	0.16	0.05
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.05	0.64	0.86	0.00	0.32	0.09
	TOTAL	0.69	5.37	8.08	0.03	1.55	0.34
Onsite		MAX					
	Off-Road	0.64	4.71	7.21	0.03	0.16	0.14
	Demolition	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.02	0.01	0.00	1.07	0.11
	Total	0.64	4.73	7.22	0.03	1.23	0.25
Offsite	Worker	0.04	0.04	0.66	0.00	0.16	0.04
	Vendor	0.01	0.60	0.29	0.00	0.16	0.05
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.05	0.64	0.95	0.00	0.32	0.09
	TOTAL	1	5	8	0	2	0
3.3. Demolition Debris Haul (2026) - Unmitigated							
		ROG	NOx	CO	SO	PM10 Total	PM2.5Total
Onsite		Summer					
	Demolition	0.00	0.00	0.00	0.00	5.50	0.83
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.01	0.01	0.00	5.99	0.88
Offsite	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.03	2.21	0.98	0.01	0.51	0.16
	Total	0.03	2.21	0.98	0.01	0.51	0.16
	TOTAL	0.03	2.22	0.99	0.01	6.50	1.04
TOTAL		0	2	1	0	7	1
3.5. Site Remediation Soil Haul (2026) - Unmitigated							

		ROG	NOx	CO	SO	PM10 Total	PM2.5Total
Onsite		Summer					
	Dust From Material Movement	0.00	0.00	0.00	0.00	< 0.005	< 0.005
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	< 0.005	0.34	0.15	< 0.005	0.08	0.02
	Total	0.00	0.34	0.15	0.00	0.08	0.02
TOTAL		0.00	0.34	0.15	0.00	0.08	0.02
Onsite		Winter					
	Dust From Material Movement	0.00	0.00	0.00	0.00	< 0.005	< 0.005
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	< 0.005	0.35	0.15	< 0.005	0.08	0.02
	Total	0.00	0.35	0.15	0.00	0.08	0.02
TOTAL		0.00	0.35	0.15	0.00	0.08	0.02
Onsite		MAX					
	Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.35	0.15	0.00	0.08	0.02
	Total	0.00	0.35	0.15	0.00	0.08	0.02
TOTAL		0	0	0	0	0	0

3.7. Rough Grading (2026) - Unmitigated

		ROG	NOx	CO	SO	PM10 Total	PM2.5Total
Onsite		Winter					
	Off-Road Equipment	4.48	40.80	32.30	0.09	1.65	1.52
	Dust From Material Movement	0.00	0.00	0.00	0.00	6.10	2.47
	Onsite truck	< 0.005	0.03	0.01	< 0.005	1.15	0.11
	Total	4.48	40.83	32.31	0.09	8.90	4.10
Offsite							
	Worker	0.06	0.06	0.80	0.00	0.23	0.05
	Vendor	0.02	1.13	0.56	0.01	0.30	0.09
	Hauling	0.01	0.76	0.33	< 0.005	0.17	0.05
	Total	0.09	1.95	1.69	0.01	0.70	0.19
TOTAL		4.57	42.78	34.00	0.10	9.60	4.29
Onsite		MAX					
	Off-Road Equipment	4.48	40.80	32.30	0.09	1.65	1.52
	Dust From Material Movement	0.00	0.00	0.00	0.00	6.10	2.47
	Onsite truck	0.00	0.03	0.01	0.00	1.15	0.11
	Total	4.48	40.83	32.31	0.09	8.90	4.10
Offsite							
	Worker	0.06	0.06	0.80	0.00	0.23	0.05
	Vendor	0.02	1.13	0.56	0.01	0.30	0.09

	Hauling	0.01	0.76	0.33	0.00	0.17	0.05
	Total	0.09	1.95	1.69	0.01	0.70	0.19
TOTAL		4.57	42.78	34.00	0.10	9.60	4.29

3.9. Rough Grading (2027) - Unmitigated

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		Summer					
	Off-Road Equipment	4.46	39.70	31.80	0.09	1.61	1.48
	Dust From Material Movement	0.00	0.00	0.00	0.00	6.10	2.47
	Onsite truck	< 0.005	0.02	0.01	< 0.005	1.15	0.11
	Total	4.46	39.72	31.81	0.09	8.86	4.06
Offsite							
	Worker	0.05	0.05	0.87	0.00	0.23	0.05
	Vendor	0.02	1.04	0.52	0.01	0.30	0.09
	Hauling	0.01	0.71	0.32	< 0.005	0.17	0.05
	Total	0.08	1.80	1.71	0.01	0.70	0.19
TOTAL		4.54	41.52	33.52	0.10	9.56	4.25
Onsite		Winter					
	Off-Road Equipment	4.46	39.70	31.80	0.09	1.61	1.48
	Dust From Material Movement	0.00	0.00	0.00	0.00	6.10	2.47
	Onsite truck	< 0.005	0.02	0.01	< 0.005	1.15	0.11
	Total	4.46	39.72	31.81	0.09	8.86	4.06
Offsite							
	Worker	0.05	0.05	0.74	0.00	0.23	0.05
	Vendor	0.02	1.09	0.53	0.01	0.30	0.09
	Hauling	0.01	0.74	0.32	< 0.005	0.17	0.05
	Total	0.08	1.88	1.59	0.01	0.70	0.19
TOTAL		4.54	41.60	33.40	0.10	9.56	4.25
Onsite		MAX					
	Off-Road Equipment	4.46	39.70	31.80	0.09	1.61	1.48
	Dust From Material Movement	0.00	0.00	0.00	0.00	6.10	2.47
	Onsite truck	0.00	0.02	0.01	0.00	1.15	0.11
	Total	4.46	39.72	31.81	0.09	8.86	4.06
Offsite							
	Hauling	0.05	0.05	0.87	0.00	0.23	0.05
	Vendor	0.02	1.09	0.53	0.01	0.30	0.09
	Worker	0.01	0.74	0.32	0.00	0.17	0.05
	Total	0.08	1.88	1.71	0.01	0.70	0.19
TOTAL		4.54	41.60	33.52	0.10	9.56	4.25

3.11. Building Construction (2027) - Unmitigated

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		Winter					
	Off-Road Equipment	0.94	9.06	12.40	0.03	0.31	0.29
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.94	9.06	12.40	0.03	0.31	0.29
Offsite							
	Worker	0.37	0.39	5.48	0.00	1.68	0.39
	Vendor	0.01	0.61	0.30	< 0.005	0.17	0.05
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.38	1.00	5.78	0.00	1.85	0.44
TOTAL		1.32	10.06	18.18	0.03	2.16	0.73
Onsite		MAX					

Offsite	Off-Road Equipment	0.94	9.06	12.40	0.03	0.31	0.29
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.94	9.06	12.40	0.03	0.31	0.29
	Hauling	0.37	0.39	5.48	0.00	1.68	0.39
	Vendor	0.01	0.61	0.30	0.00	0.17	0.05
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.38	1.00	5.78	0.00	1.85	0.44
	TOTAL	1.32	10.06	18.18	0.03	2.16	0.73

3.13. Building Construction (2028) - Unmitigated

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		Summer					
	Off-Road Equipment	0.91	8.84	12.40	0.03	0.30	0.27
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.91	8.84	12.40	0.03	0.30	0.27
Offsite							
	Worker	0.36	0.33	6.01	0.00	1.68	0.39
	Vendor	0.01	0.56	0.28	< 0.005	0.17	0.05
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.37	0.89	6.29	0.00	1.85	0.44
TOTAL		1.28	9.73	18.69	0.03	2.15	0.71
Onsite		Winter					
	Off-Road Equipment	0.91	8.84	12.40	0.03	0.30	0.27
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.91	8.84	12.40	0.03	0.30	0.27
Offsite							
	Worker	0.36	0.33	6.01	0.00	1.68	0.39
	Vendor	0.01	0.56	0.28	< 0.005	0.17	0.05
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.37	0.89	6.29	0.00	1.85	0.44
TOTAL		1.28	9.73	18.69	0.03	2.15	0.71
Onsite		MAX					
	Off-Road Equipment	0.91	8.84	12.40	0.03	0.30	0.27
	Dust From Material Movement	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.91	8.84	12.40	0.03	0.30	0.27
Offsite							
	Worker	0.36	0.33	6.01	0.00	1.68	0.39
	Vendor	0.01	0.56	0.28	0.00	0.17	0.05
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.37	0.89	6.29	0.00	1.85	0.44
TOTAL		1.28	9.73	18.69	0.03	2.15	0.71

3.15. Asphalt Paving (2028) - Unmitigated

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		Winter					
	Off-Road Equipment	0.51	3.70	9.67	0.02	0.15	0.14
	Paving	0.40	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.91	3.70	9.67	0.02	0.15	0.14
Offsite							
	Worker	0.03	0.04	0.50	0.00	0.16	0.04
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00

	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.03	0.04	0.50	0.00	0.16	0.04
TOTAL		0.94	3.74	10.17	0.02	0.31	0.18
Onsite		MAX					
	Off-Road Equipment	0.51	3.70	9.67	0.02	0.15	0.14
	Paving	0.40	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.91	3.70	9.67	0.02	0.15	0.14
Offsite							
	Worker	0.03	0.04	0.50	0.00	0.16	0.04
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.03	0.04	0.50	0.00	0.16	0.04
TOTAL		0.94	3.74	10.17	0.02	0.31	0.18

3.17. Architectural Coating (2028) - Unmitigated

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		Winter					
	Off-Road Equipment	0.16	1.43	1.53	< 0.005	0.03	0.03
	Architectural Coatings	160.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	160.16	1.43	1.53	0.00	0.03	0.03
Offsite							
	Worker	0.07	0.08	1.03	0.00	0.34	0.08
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.07	0.08	1.03	0.00	0.34	0.08
TOTAL		160.23	1.51	2.56	0.00	0.37	0.11
Onsite		MAX					
	Off-Road Equipment	0.16	1.43	1.53	0.00	0.03	0.03
	Architectural Coatings	160.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	160.16	1.43	1.53	0.00	0.03	0.03
Offsite							
	Worker	0.07	0.08	1.03	0.00	0.34	0.08
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.07	0.08	1.03	0.00	0.34	0.08
TOTAL		160.23	1.51	2.56	0.00	0.37	0.11

3.19. Infrastructure (2027) - Unmitigated

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		Summer					
	Off-Road Equipment	0.72	4.74	7.00	0.03	0.17	0.16
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.72	4.74	7.00	0.03	0.17	0.16
Offsite							
	Worker	0.03	0.03	0.49	0.00	0.13	0.03
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.03	0.03	0.49	0.00	0.13	0.03
TOTAL		0.75	4.77	7.49	0.03	0.30	0.19
Onsite		Winter					

Offsite	Off-Road Equipment	0.72	4.74	7.00	0.03	0.17	0.16
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.72	4.74	7.00	0.03	0.17	0.16
	Worker	0.03	0.03	0.43	0.00	0.13	0.03
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.03	0.03	0.43	0.00	0.13	0.03
	TOTAL	0.75	4.77	7.43	0.03	0.30	0.19
Onsite		MAX					
	Off-Road Equipment	0.72	4.74	7.00	0.03	0.17	0.16
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.72	4.74	7.00	0.03	0.17	0.16
Offsite							
	Worker	0.03	0.03	0.49	0.00	0.13	0.03
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.03	0.03	0.49	0.00	0.13	0.03
TOTAL		0.75	4.77	7.49	0.03	0.30	0.19

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
3.1. Demolition & Site Remediation (2026) - Unmitigated	1	5	8	0	2	0
3.3. Demolition Debris Haul (2026) - Unmitigated	0	2	1	0	7	1
3.5. Site Remediation Soil Haul (2026) - Unmitigated	0	0	0	0	0	0
3.7. Rough Grading (2026) - Unmitigated	5	43	34	0	10	4
3.9. Rough Grading (2027) - Unmitigated	5	42	34	0	10	4
3.11. Building Construction (2027) - Unmitigated	1	10	18	0	2	1
3.13. Building Construction (2028) - Unmitigated	1	10	19	0	2	1
3.15. Asphalt Paving (2028) - Unmitigated	1	4	10	0	0	0
3.17. Architectural Coating (2028) - Unmitigated	160	2	3	0	0	0
3.19. Infrastructure (2027) - Unmitigated	1	5	7	0	0	0
Building Construction (2028), Asphalt Paving, Architectural Coating	162	15	31	0	3	1
MAX DAILY	162	43	34	0	10	4
Regional Thresholds	75	100	550	150	150	55
Exceeds Thresholds?	Yes	No	No	No	No	No

Onsite Regional Construction Emissions Worksheet (Worst Day Scenario)

3.1. Demolition & Site Remediation (2026) - Unmitigated

		NOx	CO	PM10 Total	PM2.5Total
Onsite	Off-Road Equipment	4.71	7.21	0.16	0.14
	Demolition	0.00	0.00	0.00	0.00
	Onsite truck	0.02	0.01	1.07	0.11
	Total	4.73	7.22	1.23	0.25
Onsite	Off-Road Equipment	4.71	7.21	0.16	0.14
	Demolition	0.00	0.00	0.00	0.00
	Onsite truck	0.02	0.01	1.07	0.11
	Total	4.73	7.22	1.23	0.25
MAX	Off-Road	4.71	7.21	0.16	0.14
	Demolition	0.00	0.00	0.00	0.00
	Onsite truck	0.02	0.01	1.07	0.11
	Total	4.73	7.22	1.23	0.25
TOTAL		5	7	1	0

3.3. Demolition Debris Haul (2026) - Unmitigated

		NOx	CO	PM10 Total	PM2.5Total
Onsite	Demolition	0.00	0.00	5.50	0.83
	Onsite truck	0.00	0.00	0.00	0.00
	Total	0.01	0.01	5.99	0.88
TOTAL		0	0	6	1

3.5. Site Remediation Soil Haul (2026) - Unmitigated

		NOx	CO	PM10 Total	PM2.5Total
Onsite	Dust From Material Movement	0.00	0.00	< 0.005	< 0.005
	Onsite truck	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00
Onsite	Dust From Material Movement	0.00	0.00	< 0.005	< 0.005
	Onsite truck	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00
MAX	Off-Road Equipment	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00

TOTAL	0	0	0	0
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3.7. Rough Grading (2026) - Unmitigated

	NOx	CO	PM10 Total	PM2.5Total
Onsite				
Off-Road Equipment	40.80	32.30	1.65	1.52
Dust From Material Movement	0.00	0.00	6.10	2.47
Onsite truck	0.03	0.01	1.15	0.11
Total	40.83	32.31	8.90	4.10
TOTAL	40.83	32.31	8.90	4.10

3.9. Rough Grading (2027) - Unmitigated

	NOx	CO	PM10 Total	PM2.5 Total
Onsite				
Off-Road Equipment	39.70	31.80	1.61	1.48
Dust From Material Movement	0.00	0.00	6.10	2.47
Onsite truck	0.02	0.01	1.15	0.11
Total	39.72	31.81	8.86	4.06
Onsite				
Off-Road Equipment	39.70	31.80	1.61	1.48
Dust From Material Movement	0.00	0.00	6.10	2.47
Onsite truck	0.02	0.01	1.15	0.11
Total	39.72	31.81	8.86	4.06
MAX				
Off-Road Equipment	39.70	31.80	1.61	1.48
Dust From Material Movement	0.00	0.00	6.10	2.47
Onsite truck	0.02	0.01	1.15	0.11
Total	39.72	31.81	8.86	4.06
TOTAL	39.72	31.81	8.86	4.06

3.11. Building Construction (2027) - Unmitigated

	NOx	CO	PM10 Total	PM2.5 Total
Onsite				
Off-Road Equipment	9.06	12.40	0.31	0.29
Onsite truck	0.00	0.00	0.00	0.00
Total	9.06	12.40	0.31	0.29
Onsite				
Off-Road Equipment	9.06	12.40	0.31	0.29
Onsite truck	0.00	0.00	0.00	0.00
Total	9.06	12.40	0.31	0.29
TOTAL	9.06	12.40	0.31	0.29

3.13. Building Construction (2028) - Unmitigated

	NOx	CO	PM10 Total	PM2.5 Total
Onsite				

	Off-Road Equipment	8.84	12.40	0.30	0.27
	Onsite truck	0.00	0.00	0.00	0.00
	Total	8.84	12.40	0.30	0.27
Onsite	Off-Road Equipment	8.84	12.40	0.30	0.27
	Onsite truck	0.00	0.00	0.00	0.00
	Total	8.84	12.40	0.30	0.27
MAX	Off-Road Equipment	8.84	12.40	0.30	0.27
	Dust From Material Movement	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	8.84	12.40	0.30	0.27
TOTAL		8.84	12.40	0.30	0.27

3.15. Asphalt Paving (2028) - Unmitigated

		NOx	CO	PM10 Total	PM2.5 Total
Onsite	Off-Road Equipment	3.70	9.67	0.15	0.14
	Paving	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	3.70	9.67	0.15	0.14
Onsite	Off-Road Equipment	3.70	9.67	0.15	0.14
	Paving	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	3.70	9.67	0.15	0.14
TOTAL		3.70	9.67	0.15	0.14

3.17. Architectural Coating (2028) - Unmitigated

		NOx	CO	PM10 Total	PM2.5 Total
Onsite	Off-Road Equipment	1.43	1.53	0.03	0.03
	Architectural Coatings	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	1.43	1.53	0.03	0.03
TOTAL		1.43	1.53	0.03	0.03

3.19. Infrastructure (2027) - Unmitigated

		NOx	CO	PM10 Total	PM2.5 Total
Onsite	Off-Road Equipment	4.74	7.00	0.17	0.16
	Onsite truck	0.00	0.00	0.00	0.00
	Total	4.74	7.00	0.17	0.16

Onsite	Off-Road Equipment	4.74	7.00	0.17	0.16
	Onsite truck	0.00	0.00	0.00	0.00
	Total	4.74	7.00	0.17	0.16
MAX	Off-Road Equipment	4.74	7.00	0.17	0.16
	Onsite truck	0.00	0.00	0.00	0.00
	Total	4.74	7.00	0.17	0.16
TOTAL		4.74	7.00	0.17	0.16
3.1. Demolition & Site Remediation (2026) - Unmitigated		5	7	1	0
2.84 Acre LST		150	1,173	8.97	6.13
Exceeds LST?		no	no	no	no
3.7. Rough Grading (2026) - Unmitigated		41	32	9	4
4.81 Acre LST		193	1,664	14	9
Exceeds LST?		no	no	no	no
3.9. Rough Grading (2027) - Unmitigated		40	32	9	4
5 Acre LST		193	1,664	14	9
Exceeds LST?		no	no	no	no
3.11. Building Construction (2027) - Unmitigated		9	12	0	0
<0.5 Acre LST		92	647	4.00	3.00
Exceeds LST?		no	no	no	no
3.13. Building Construction (2028) - Unmitigated		9	12	0	0
<0.5 Acre LST		92	647	4.00	3.00
Exceeds LST?		no	no	no	no
3.19. Infrastructure (2027) - Unmitigated		5	7	0	0
1.31 Acre LST		104	745	5	4
Exceeds LST?		no	no	no	no
Building Construction 2028, Paving, and Architectural Coating		14	24	0	0
<0.5 Acre LST		92	647	4	3
Exceeds LST?		no	no	no	no

Mitigated Regional Construction Emissions Worksheet (Wors-Day Scenario)

3.2. Demolition & Site Remediation (2026) - Mitigated							
		ROG	NOx	CO	SO	PM10 Total	PM2.5Total
Onsite		Summer					
	Off-Road Equipment	0.64	4.71	7.21	0.03	0.16	0.14
	Demolition	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	< 0.005	0.02	0.01	< 0.005	1.07	0.11
	Total	0.64	4.73	7.22	0.03	1.23	0.25
Offsite	Worker	0.04	0.04	0.66	0.00	0.16	0.04
	Vendor	0.01	0.57	0.29	< 0.005	0.16	0.05
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.05	0.61	0.95	0.00	0.32	0.09
	TOTAL	0.69	5.34	8.17	0.03	1.55	0.34
Onsite		Winter					
	Off-Road Equipment	0.64	4.71	7.21	0.03	0.16	0.14
	Demolition	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	< 0.005	0.02	0.01	< 0.005	1.07	0.11
	Total	0.64	4.73	7.22	0.03	1.23	0.25
Offsite	Worker	0.04	0.04	0.57	0.00	0.16	0.04
	Vendor	0.01	0.60	0.29	< 0.005	0.16	0.05
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.05	0.64	0.86	0.00	0.32	0.09
	TOTAL	0.69	5.37	8.08	0.03	1.55	0.34
Onsite		MAX					
	Off-Road	0.64	4.71	7.21	0.03	0.16	0.14
	Demolition	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.02	0.01	0.00	1.07	0.11
	Total	0.64	4.73	7.22	0.03	1.23	0.25
Offsite	Worker	0.04	0.04	0.66	0.00	0.16	0.04
	Vendor	0.01	0.60	0.29	0.00	0.16	0.05
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.05	0.64	0.95	0.00	0.32	0.09
	TOTAL	1	5	8	0	2	0

3.4. Demolition Debris Haul (2026) - Mitigated							
		ROG	NOx	CO	SO	PM10 Total	PM2.5Total
Onsite		Summer					
	Demolition	0.00	0.00	0.00	0.00	5.50	0.83
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	5.50	0.83
Offsite	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.03	2.21	0.98	0.01	0.51	0.16
	Total	0.03	2.21	0.98	0.01	0.51	0.16
TOTAL		0.03	2.21	0.98	0.01	6.01	0.99
	TOTAL	0	2	1	0	6	1

3.6. Site Remediation Soil Haul (2026) - Mitigated							
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		ROG	NOx	CO	SO	PM10 Total	PM2.5Total
Onsite		Summer					
	Dust From Material Movement	0.00	0.00	0.00	0.00	< 0.005	< 0.005
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	< 0.005	0.34	0.15	< 0.005	0.08	0.02
	Total	0.00	0.34	0.15	0.00	0.08	0.02
TOTAL		0.00	0.34	0.15	0.00	0.08	0.02
Onsite		Winter					
	Dust From Material Movement	0.00	0.00	0.00	0.00	< 0.005	< 0.005
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	< 0.005	0.35	0.15	< 0.005	0.08	0.02
	Total	0.00	0.35	0.15	0.00	0.08	0.02
TOTAL		0.00	0.35	0.15	0.00	0.08	0.02
Onsite		MAX					
	Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.35	0.15	0.00	0.08	0.02
	Total	0.00	0.35	0.15	0.00	0.08	0.02
TOTAL		0	0	0	0	0	0

3.8. Rough Grading (2026) - Mitigated

		ROG	NOx	CO	SO	PM10 Total	PM2.5Total
Onsite		Winter					
	Off-Road Equipment	4.48	40.80	32.30	0.09	1.65	1.52
	Dust From Material Movement	0.00	0.00	0.00	0.00	6.10	2.47
	Onsite truck	< 0.005	0.03	0.01	< 0.005	1.15	0.11
	Total	4.48	40.83	32.31	0.09	8.90	4.10
Offsite							
	Worker	0.06	0.06	0.80	0.00	0.23	0.05
	Vendor	0.02	1.13	0.56	0.01	0.30	0.09
	Hauling	0.01	0.76	0.33	< 0.005	0.17	0.05
	Total	0.09	1.95	1.69	0.01	0.70	0.19
TOTAL		4.57	42.78	34.00	0.10	9.60	4.29
Onsite		MAX					
	Off-Road Equipment	4.48	40.80	32.30	0.09	1.65	1.52
	Dust From Material Movement	0.00	0.00	0.00	0.00	6.10	2.47
	Onsite truck	0.00	0.03	0.01	0.00	1.15	0.11
	Total	4.48	40.83	32.31	0.09	8.90	4.10
Offsite							
	Worker	0.06	0.06	0.80	0.00	0.23	0.05
	Vendor	0.02	1.13	0.56	0.01	0.30	0.09

	Hauling	0.01	0.76	0.33	0.00	0.17	0.05
	Total	0.09	1.95	1.69	0.01	0.70	0.19
TOTAL		4.57	42.78	34.00	0.10	9.60	4.29

3.10. Rough Grading (2027) - Mitigated

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		Summer					
	Off-Road Equipment	4.46	39.70	31.80	0.09	1.61	1.48
	Dust From Material Movement	0.00	0.00	0.00	0.00	6.10	2.47
	Onsite truck	< 0.005	0.02	0.01	< 0.005	1.15	0.11
	Total	4.46	39.72	31.81	0.09	8.86	4.06
Offsite							
	Worker	0.05	0.05	0.87	0.00	0.23	0.05
	Vendor	0.02	1.04	0.52	0.01	0.30	0.09
	Hauling	0.01	0.71	0.32	< 0.005	0.17	0.05
	Total	0.08	1.80	1.71	0.01	0.70	0.19
TOTAL		4.54	41.52	33.52	0.10	9.56	4.25
Onsite		Winter					
	Off-Road Equipment	4.46	39.70	31.80	0.09	1.61	1.48
	Dust From Material Movement	0.00	0.00	0.00	0.00	6.10	2.47
	Onsite truck	< 0.005	0.02	0.01	< 0.005	1.15	0.11
	Total	4.46	39.72	31.81	0.09	8.86	4.06
Offsite							
	Worker	0.05	0.05	0.74	0.00	0.23	0.05
	Vendor	0.02	1.09	0.53	0.01	0.30	0.09
	Hauling	0.01	0.74	0.32	< 0.005	0.17	0.05
	Total	0.08	1.88	1.59	0.01	0.70	0.19
TOTAL		4.54	41.60	33.40	0.10	9.56	4.25
Onsite		MAX					
	Off-Road Equipment	4.46	39.70	31.80	0.09	1.61	1.48
	Dust From Material Movement	0.00	0.00	0.00	0.00	6.10	2.47
	Onsite truck	0.00	0.02	0.01	0.00	1.15	0.11
	Total	4.46	39.72	31.81	0.09	8.86	4.06
Offsite							
	Hauling	0.05	0.05	0.87	0.00	0.23	0.05
	Vendor	0.02	1.09	0.53	0.01	0.30	0.09
	Worker	0.01	0.74	0.32	0.00	0.17	0.05
	Total	0.08	1.88	1.71	0.01	0.70	0.19
TOTAL		4.54	41.60	33.52	0.10	9.56	4.25

3.12. Building Construction (2027) - Mitigated

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		Winter					
	Off-Road Equipment	0.94	9.06	12.40	0.03	0.31	0.29
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.94	9.06	12.40	0.03	0.31	0.29
Offsite							
	Worker	0.37	0.39	5.48	0.00	1.68	0.39
	Vendor	0.01	0.61	0.30	< 0.005	0.17	0.05
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.38	1.00	5.78	0.00	1.85	0.44
TOTAL		1.32	10.06	18.18	0.03	2.16	0.73
Onsite		MAX					

Offsite	Off-Road Equipment	0.94	9.06	12.40	0.03	0.31	0.29
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.94	9.06	12.40	0.03	0.31	0.29
	Hauling	0.37	0.39	5.48	0.00	1.68	0.39
	Vendor	0.01	0.61	0.30	0.00	0.17	0.05
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.38	1.00	5.78	0.00	1.85	0.44
	TOTAL	1.32	10.06	18.18	0.03	2.16	0.73

3.14. Building Construction (2028) - Mitigated

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		Summer					
	Off-Road Equipment	0.91	8.84	12.40	0.03	0.30	0.27
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.91	8.84	12.40	0.03	0.30	0.27
Offsite							
	Worker	0.36	0.33	6.01	0.00	1.68	0.39
	Vendor	0.01	0.56	0.28	< 0.005	0.17	0.05
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.37	0.89	6.29	0.00	1.85	0.44
	TOTAL	1.28	9.73	18.69	0.03	2.15	0.71
Onsite		Winter					
	Off-Road Equipment	0.91	8.84	12.40	0.03	0.30	0.27
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.91	8.84	12.40	0.03	0.30	0.27
Offsite							
	Worker	0.35	0.39	5.16	0.00	1.68	0.39
	Vendor	0.01	0.59	0.29	< 0.005	0.17	0.05
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.36	0.98	5.45	0.00	1.85	0.44
	TOTAL	1.27	9.82	17.85	0.03	2.15	0.71
Onsite		MAX					
	Off-Road Equipment	0.91	8.84	12.40	0.03	0.30	0.27
	Dust From Material Movement	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.91	8.84	12.40	0.03	0.30	0.27
Offsite							
	Worker	0.36	0.39	6.01	0.00	1.68	0.39
	Vendor	0.01	0.59	0.29	0.00	0.17	0.05
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.37	0.98	6.29	0.00	1.85	0.44
	TOTAL	1.28	9.82	18.69	0.03	2.15	0.71

3.16. Asphalt Paving (2028) - Mitigated

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		Winter					
	Off-Road Equipment	0.51	3.70	9.67	0.02	0.15	0.14
	Paving	0.40	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.91	3.70	9.67	0.02	0.15	0.14
Offsite							
	Worker	0.03	0.04	0.50	0.00	0.16	0.04
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00

	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.03	0.04	0.50	0.00	0.16	0.04
TOTAL		0.94	3.74	10.17	0.02	0.31	0.18
Onsite		MAX					
	Off-Road Equipment	0.51	3.70	9.67	0.02	0.15	0.14
	Paving	0.40	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.91	3.70	9.67	0.02	0.15	0.14
Offsite							
	Worker	0.03	0.04	0.50	0.00	0.16	0.04
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.03	0.04	0.50	0.00	0.16	0.04
TOTAL		0.94	3.74	10.17	0.02	0.31	0.18

3.18. Architectural Coating (2028) - Mitigated

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		Winter					
	Off-Road Equipment	0.16	1.43	1.53	< 0.005	0.03	0.03
	Architectural Coatings	33.90	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	34.06	1.43	1.53	0.00	0.03	0.03
Offsite							
	Worker	0.07	0.08	1.03	0.00	0.34	0.08
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.07	0.08	1.03	0.00	0.34	0.08
TOTAL		34.13	1.51	2.56	0.00	0.37	0.11
Onsite		MAX					
	Off-Road Equipment	0.16	1.43	1.53	0.00	0.03	0.03
	Architectural Coatings	33.90	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	34.06	1.43	1.53	0.00	0.03	0.03
Offsite							
	Worker	0.07	0.08	1.03	0.00	0.34	0.08
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.07	0.08	1.03	0.00	0.34	0.08
TOTAL		34.13	1.51	2.56	0.00	0.37	0.11

3.20. Infrastructure (2027) - Mitigated

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		Summer					
	Off-Road Equipment	0.72	4.74	7.00	0.03	0.17	0.16
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.72	4.74	7.00	0.03	0.17	0.16
Offsite							
	Worker	0.03	0.03	0.49	0.00	0.13	0.03
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.03	0.03	0.49	0.00	0.13	0.03
TOTAL		0.75	4.77	7.49	0.03	0.30	0.19
Onsite		Winter					

Offsite	Off-Road Equipment	0.72	4.74	7.00	0.03	0.17	0.16
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.72	4.74	7.00	0.03	0.17	0.16
	Worker	0.03	0.03	0.43	0.00	0.13	0.03
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL		0.72	4.74	7.00	0.03	0.17	0.16
Onsite		MAX					
	Off-Road Equipment	0.72	4.74	7.00	0.03	0.17	0.16
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.72	4.74	7.00	0.03	0.17	0.16
Offsite							
	Worker	0.03	0.03	0.49	0.00	0.13	0.03
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.03	0.03	0.49	0.00	0.13	0.03
TOTAL		0.75	4.77	7.49	0.03	0.30	0.19

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
3.2. Demolition & Site Remediation (2026) - Mitigated	1	5	8	0	2	0
3.4. Demolition Debris Haul (2026) - Mitigated	0	2	1	0	6	1
3.6. Site Remediation Soil Haul (2026) - Mitigated	0	0	0	0	0	0
3.8. Rough Grading (2026) - Mitigated	5	43	34	0	10	4
3.10. Rough Grading (2027) - Mitigated	5	42	34	0	10	4
3.12. Building Construction (2027) - Mitigated	1	10	18	0	2	1
3.14. Building Construction (2028) - Mitigated	1	10	19	0	2	1
3.16. Asphalt Paving (2028) - Mitigated	1	4	10	0	0	0
3.18. Architectural Coating (2028) - Mitigated	34	2	3	0	0	0
3.20. Infrastructure (2027) - Mitigated	1	5	7	0	0	0
Building Construction (2028), Asphalt Paving, Architectural Coating	36	15	31	0	3	1
MAX DAILY	36	43	34	0	10	4
Regional Thresholds	75	100	550	150	150	55
Exceeds Thresholds?	No	No	No	No	No	No

Mitigated Onsite Regional Construction Emissions Worksheet (Worst Day Scenario)

3.2. Demolition & Site Remediation (2026) - Mitigated

		NOx	CO	PM10 Total	PM2.5Total
Onsite	Off-Road Equipment	4.71	7.21	0.16	0.14
	Demolition	0.00	0.00	0.00	0.00
	Onsite truck	0.02	0.01	1.07	0.11
	Total	4.73	7.22	1.23	0.25
Onsite	Off-Road Equipment	4.71	7.21	0.16	0.14
	Demolition	0.00	0.00	0.00	0.00
	Onsite truck	0.02	0.01	1.07	0.11
	Total	4.73	7.22	1.23	0.25
MAX	Off-Road	4.71	7.21	0.16	0.14
	Demolition	0.00	0.00	0.00	0.00
	Onsite truck	0.02	0.01	1.07	0.11
	Total	4.73	7.22	1.23	0.25
TOTAL		5	7	1	0

3.4. Demolition Debris Haul (2026) - Mitigated

		NOx	CO	PM10 Total	PM2.5Total
Onsite	Demolition	0.00	0.00	5.50	0.83
	Onsite truck	0.00	0.00	0.00	0.00
	Total	0.00	0.00	5.50	0.83
TOTAL		0	0	6	1

3.6. Site Remediation Soil Haul (2026) - Mitigated

		NOx	CO	PM10 Total	PM2.5Total
Onsite	Dust From Material Movement	0.00	0.00	< 0.005	< 0.005
	Onsite truck	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00
Onsite					

	Dust From Material Movement	0.00	0.00	< 0.005	< 0.005
	Onsite truck	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00
MAX					
	Off-Road Equipment	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00
TOTAL		0	0	0	0

3.8. Rough Grading (2026) - Mitigated

		NOx	CO	PM10 Total	PM2.5Total
Onsite					
	Off-Road Equipment	40.80	32.30	1.65	1.52
	Dust From Material Movement	0.00	0.00	6.10	2.47
	Onsite truck	0.03	0.01	1.15	0.11
	Total	40.83	32.31	8.90	4.10
MAX					
	Off-Road Equipment	40.80	32.30	1.65	1.52
	Dust From Material Movement	0.00	0.00	6.10	2.47
	Onsite truck	0.03	0.01	1.15	0.11
	Total	40.83	32.31	8.90	4.10
TOTAL		40.83	32.31	8.90	4.10

3.10. Rough Grading (2027) - Mitigated

		NOx	CO	PM10 Total	PM2.5 Total
Onsite					
	Off-Road Equipment	39.70	31.80	1.61	1.48
	Dust From Material Movement	0.00	0.00	6.10	2.47
	Onsite truck	0.02	0.01	1.15	0.11
	Total	39.72	31.81	8.86	4.06
Onsite					
	Off-Road Equipment	39.70	31.80	1.61	1.48
	Dust From Material Movement	0.00	0.00	6.10	2.47
	Onsite truck	0.02	0.01	1.15	0.11
	Total	39.72	31.81	8.86	4.06
MAX					
	Off-Road Equipment	39.70	31.80	1.61	1.48

Dust From Material Movement	0.00	0.00	6.10	2.47
Onsite truck	0.02	0.01	1.15	0.11
Total	39.72	31.81	8.86	4.06
TOTAL	39.72	31.81	8.86	4.06

3.12. Building Construction (2027) - Mitigated

	NOx	CO	PM10 Total	PM2.5 Total
Onsite				
Off-Road Equipment	9.06	12.40	0.31	0.29
Onsite truck	0.00	0.00	0.00	0.00
Total	9.06	12.40	0.31	0.29
MAX				
Off-Road Equipment	9.06	12.40	0.31	0.29
Onsite truck	0.00	0.00	0.00	0.00
Total	9.06	12.40	0.31	0.29
TOTAL	9.06	12.40	0.31	0.29

3.14. Building Construction (2028) - Mitigated

	NOx	CO	PM10 Total	PM2.5 Total
Onsite				
Off-Road Equipment	8.84	12.40	0.30	0.27
Onsite truck	0.00	0.00	0.00	0.00
Total	8.84	12.40	0.30	0.27
Onsite				
Off-Road Equipment	8.84	12.40	0.30	0.27
Onsite truck	0.00	0.00	0.00	0.00
Total	8.84	12.40	0.30	0.27
MAX				
Off-Road Equipment	8.84	12.40	0.30	0.27
Dust From Material Movement	0.00	0.00	0.00	0.00
Onsite truck	0.00	0.00	0.00	0.00
Total	8.84	12.40	0.30	0.27
TOTAL	8.84	12.40	0.30	0.27

3.16. Asphalt Paving (2028) - Mitigated

	NOx	CO	PM10 Total	PM2.5 Total
Onsite				
Off-Road Equipment	3.70	9.67	0.15	0.14

	Paving	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	3.70	9.67	0.15	0.14
MAX					
	Off-Road Equipment	3.70	9.67	0.15	0.14
	Paving	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	3.70	9.67	0.15	0.14
TOTAL		3.70	9.67	0.15	0.14

3.18. Architectural Coating (2028) - Mitigated

		NOx	CO	PM10 Total	PM2.5 Total
Onsite					
	Off-Road Equipment	1.43	1.53	0.03	0.03
	Architectural Coatings	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	1.43	1.53	0.03	0.03
MAX					
	Off-Road Equipment	1.43	1.53	0.03	0.03
	Architectural Coatings	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	Total	1.43	1.53	0.03	0.03
TOTAL		1.43	1.53	0.03	0.03

3.20. Infrastructure (2027) - Mitigated

		NOx	CO	PM10 Total	PM2.5 Total
Onsite					
	Off-Road Equipment	4.74	7.00	0.17	0.16
	Onsite truck	0.00	0.00	0.00	0.00
	Total	4.74	7.00	0.17	0.16
Onsite					
	Off-Road Equipment	4.74	7.00	0.17	0.16
	Onsite truck	0.00	0.00	0.00	0.00
	Total	4.74	7.00	0.17	0.16
MAX					
	Off-Road Equipment	4.74	7.00	0.17	0.16
	Onsite truck	0.00	0.00	0.00	0.00
	Total	4.74	7.00	0.17	0.16

TOTAL	4.74	7.00	0.17	0.16
3.2. Demolition & Site Remediation (2026) - Mitigated	5	7	1	0
3.5 Acre LST	150	1,173	8.97	6.13
Exceeds LST?	no	no	no	no
3.8. Rough Grading (2026) - Mitigated	41	32	8.90	4
5 Acre LST	193	1,664	13.6	9
Exceeds LST?	no	no	no	no
3.10. Rough Grading (2027) - Mitigated	40	32	8.86	4
5 Acre LST	193	1,664	14	9
Exceeds LST?	no	no	no	no
3.12. Building Construction (2027) - Mitigated	9	12	0	0
0.5 Acre LST	92	647	4.00	3.00
Exceeds LST?	no	no	no	no
3.14. Building Construction (2028) - Mitigated	9	12	0	0
0.5 Acre LST	92	647	4.00	3.00
Exceeds LST?	no	no	no	no
3.20. Infrastructure (2027) - Mitigated	5	7	0	0
1.41 Acre LST	104	745	5	4
Exceeds LST?	no	no	no	no
Building Construction 2028, Paving, and Architectural Coating	14	24	0	0
0.5 Acre LST	92	647	4	3
Exceeds LST?	no	no	no	no

Regional Construction Emissions Worksheet (Normalized Work-Day Scenario)

3.1. Demolition & Site Remediation (2026) - Unmitigated							
		ROG	NOx	CO	SO	PM10 Total	PM2.5Total
Onsite		Summer					
	Off-Road Equipment	0.29	2.14	3.28	0.01	0.07	0.07
	Demolition	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	< 0.005	0.02	0.01	< 0.005	1.07	0.11
	Total	0.29	2.16	3.29	0.01	1.14	0.18
Offsite							
	Worker	0.04	0.04	0.66	0.00	0.16	0.04
	Vendor	0.01	0.51	0.26	< 0.005	0.14	0.04
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.05	0.55	0.92	0.00	0.30	0.08
TOTAL		0.34	2.71	4.21	0.01	1.44	0.26
Onsite		Winter					
	Off-Road Equipment	0.29	2.14	3.28	0.01	0.07	0.07
	Demolition	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	< 0.005	0.02	0.01	< 0.005	1.07	0.11
	Total	0.29	2.16	3.29	0.01	1.14	0.18
Offsite							
	Worker	0.04	0.04	0.57	0.00	0.16	0.04
	Vendor	0.01	0.53	0.26	< 0.005	0.14	0.04
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.05	0.57	0.83	0.00	0.30	0.08
TOTAL		0.34	2.73	4.12	0.01	1.44	0.26
Onsite		MAX					
	Off-Road	0.29	2.14	3.28	0.01	0.07	0.07
	Demolition	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.02	0.01	0.00	1.07	0.11
	Total	0.29	2.16	3.29	0.01	1.14	0.18
Offsite							
	Worker	0.04	0.04	0.66	0.00	0.16	0.04
	Vendor	0.01	0.53	0.26	0.00	0.14	0.04
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.05	0.57	0.92	0.00	0.30	0.08
TOTAL		0	3	4	0	1	0
3.3. Demolition Debris Haul (2026) - Unmitigated							
		ROG	NOx	CO	SO	PM10 Total	PM2.5Total
Onsite		Summer					
	Demolition	0.00	0.00	0.00	0.00	5.50	0.83
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.01	0.01	0.00	5.99	0.88
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.03	2.21	0.98	0.01	0.51	0.16
	Total	0.03	2.21	0.98	0.01	0.51	0.16
TOTAL		0.03	2.22	0.99	0.01	6.50	1.04
TOTAL		0	2	1	0	7	1
3.5. Site Remediation Soil Haul (2026) - Unmitigated							

		ROG	NOx	CO	SO	PM10 Total	PM2.5Total
Onsite		Summer					
	Dust From Material Movement	0.00	0.00	0.00	0.00	< 0.005	< 0.005
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	< 0.005	0.34	0.15	< 0.005	0.08	0.02
	Total	0.00	0.34	0.15	0.00	0.08	0.02
TOTAL		0.00	0.34	0.15	0.00	0.08	0.02
Onsite		Winter					
	Dust From Material Movement	0.00	0.00	0.00	0.00	< 0.005	< 0.005
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	< 0.005	0.35	0.15	< 0.005	0.08	0.02
	Total	0.00	0.35	0.15	0.00	0.08	0.02
TOTAL		0.00	0.35	0.15	0.00	0.08	0.02
Onsite		MAX					
	Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.35	0.15	0.00	0.08	0.02
	Total	0.00	0.35	0.15	0.00	0.08	0.02
TOTAL		0	0	0	0	0	0

3.7. Rough Grading (2026) - Unmitigated

		ROG	NOx	CO	SO	PM10 Total	PM2.5Total
Onsite		Winter					
	Off-Road Equipment	2.01	18.30	14.40	0.04	0.74	0.68
	Dust From Material Movement	0.00	0.00	0.00	0.00	2.72	1.10
	Onsite truck	< 0.005	0.03	0.01	< 0.005	1.15	0.11
	Total	2.01	18.33	14.41	0.04	4.61	1.89
Offsite							
	Worker	0.06	0.06	0.80	0.00	0.23	0.05
	Vendor	0.01	0.40	0.20	< 0.005	0.11	0.03
	Hauling	0.01	0.76	0.33	< 0.005	0.17	0.05
	Total	0.08	1.22	1.33	0.00	0.51	0.13
TOTAL		2.09	19.55	15.74	0.04	5.12	2.02
Onsite		MAX					
	Off-Road Equipment	2.01	18.30	14.40	0.04	0.74	0.68
	Dust From Material Movement	0.00	0.00	0.00	0.00	2.72	1.10
	Onsite truck	0.00	0.03	0.01	0.00	1.15	0.11
	Total	2.01	18.33	14.41	0.04	4.61	1.89
Offsite							
	Worker	0.06	0.06	0.80	0.00	0.23	0.05
	Vendor	0.01	0.40	0.20	0.00	0.11	0.03

	Hauling	0.01	0.76	0.33	0.00	0.17	0.05
	Total	0.08	1.22	1.33	0.00	0.51	0.13
TOTAL		2.09	19.55	15.74	0.04	5.12	2.02

3.9. Rough Grading (2027) - Unmitigated

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		Summer					
	Off-Road Equipment	2.00	17.80	14.20	0.04	0.72	0.66
	Dust From Material Movement	0.00	0.00	0.00	0.00	2.72	1.10
	Onsite truck	< 0.005	0.02	0.01	< 0.005	1.15	0.11
	Total	2.00	17.82	14.21	0.04	4.59	1.87
Offsite							
	Worker	0.05	0.05	0.87	0.00	0.23	0.05
	Vendor	0.01	0.37	0.18	< 0.005	0.11	0.03
	Hauling	0.01	0.71	0.32	< 0.005	0.17	0.05
	Total	0.07	1.13	1.37	0.00	0.51	0.13
TOTAL		2.07	18.95	15.58	0.04	5.10	2.00
Onsite		Winter					
	Off-Road Equipment	2.00	17.80	14.20	0.04	0.72	0.66
	Dust From Material Movement	0.00	0.00	0.00	0.00	2.72	1.10
	Onsite truck	< 0.005	0.02	0.01	< 0.005	1.15	0.11
	Total	2.00	17.82	14.21	0.04	4.59	1.87
Offsite							
	Worker	0.05	0.05	0.74	0.00	0.23	0.05
	Vendor	0.01	0.38	0.19	< 0.005	0.11	0.03
	Hauling	0.01	0.74	0.32	< 0.005	0.17	0.05
	Total	0.07	1.17	1.25	0.00	0.51	0.13
TOTAL		2.07	18.99	15.46	0.04	5.10	2.00
Onsite		MAX					
	Off-Road Equipment	2.00	17.80	14.20	0.04	0.72	0.66
	Dust From Material Movement	0.00	0.00	0.00	0.00	2.72	1.10
	Onsite truck	0.00	0.02	0.01	0.00	1.15	0.11
	Total	2.00	17.82	14.21	0.04	4.59	1.87
Offsite							
	Hauling	0.05	0.05	0.87	0.00	0.23	0.05
	Vendor	0.01	0.38	0.19	0.00	0.11	0.03
	Worker	0.01	0.74	0.32	0.00	0.17	0.05
	Total	0.07	1.17	1.37	0.00	0.51	0.13
TOTAL		2.07	18.99	15.58	0.04	5.10	2.00

3.11. Building Construction (2027) - Unmitigated

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		Winter					
	Off-Road Equipment	0.36	3.47	4.46	0.01	0.13	0.12
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.36	3.47	4.46	0.01	0.13	0.12
Offsite							
	Worker	0.37	0.39	5.48	0.00	1.68	0.39
	Vendor	0.01	0.61	0.30	< 0.005	0.17	0.05
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.38	1.00	5.78	0.00	1.85	0.44
TOTAL		0.74	4.47	10.24	0.01	1.98	0.56
Onsite		MAX					

Offsite	Off-Road Equipment	0.36	3.47	4.46	0.01	0.13	0.12
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.36	3.47	4.46	0.01	0.13	0.12
	Hauling	0.37	0.39	5.48	0.00	1.68	0.39
	Vendor	0.01	0.61	0.30	0.00	0.17	0.05
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.38	1.00	5.78	0.00	1.85	0.44
	TOTAL	0.74	4.47	10.24	0.01	1.98	0.56

3.13. Building Construction (2028) - Unmitigated

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		Summer					
	Off-Road Equipment	0.36	3.39	4.46	0.01	0.12	0.11
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.36	3.39	4.46	0.01	0.12	0.11
Offsite							
	Worker	0.36	0.33	6.01	0.00	1.68	0.39
	Vendor	0.01	0.56	0.28	< 0.005	0.17	0.05
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.37	0.89	6.29	0.00	1.85	0.44
TOTAL		0.73	4.28	10.75	0.01	1.97	0.55
Onsite		Winter					
	Off-Road Equipment	0.36	3.39	4.46	0.01	0.12	0.11
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.36	3.39	4.46	0.01	0.12	0.11
Offsite							
	Worker	0.36	0.33	6.01	0.00	1.68	0.39
	Vendor	0.01	0.56	0.28	< 0.005	0.17	0.05
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.37	0.89	6.29	0.00	1.85	0.44
TOTAL		0.73	4.28	10.75	0.01	1.97	0.55
Onsite		MAX					
	Off-Road Equipment	0.36	3.39	4.46	0.01	0.12	0.11
	Dust From Material Movement	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.36	3.39	4.46	0.01	0.12	0.11
Offsite							
	Worker	0.36	0.33	6.01	0.00	1.68	0.39
	Vendor	0.01	0.56	0.28	0.00	0.17	0.05
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.37	0.89	6.29	0.00	1.85	0.44
TOTAL		0.73	4.28	10.75	0.01	1.97	0.55

3.15. Asphalt Paving (2028) - Unmitigated

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		Winter					
	Off-Road Equipment	0.51	3.70	9.67	0.02	0.15	0.14
	Paving	0.40	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.91	3.70	9.67	0.02	0.15	0.14
Offsite							
	Worker	0.03	0.04	0.50	0.00	0.16	0.04
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00

	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.03	0.04	0.50	0.00	0.16	0.04
TOTAL		0.94	3.74	10.17	0.02	0.31	0.18
Onsite		MAX					
	Off-Road Equipment	0.51	3.70	9.67	0.02	0.15	0.14
	Paving	0.40	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.91	3.70	9.67	0.02	0.15	0.14
Offsite							
	Worker	0.03	0.04	0.50	0.00	0.16	0.04
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.03	0.04	0.50	0.00	0.16	0.04
TOTAL		0.94	3.74	10.17	0.02	0.31	0.18

3.17. Architectural Coating (2028) - Unmitigated

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		Winter					
	Off-Road Equipment	0.16	1.43	1.53	< 0.005	0.03	0.03
	Architectural Coatings	160.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	160.16	1.43	1.53	0.00	0.03	0.03
Offsite							
	Worker	0.07	0.08	1.03	0.00	0.34	0.08
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.07	0.08	1.03	0.00	0.34	0.08
TOTAL		160.23	1.51	2.56	0.00	0.37	0.11
Onsite		MAX					
	Off-Road Equipment	0.16	1.43	1.53	0.00	0.03	0.03
	Architectural Coatings	160.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	160.16	1.43	1.53	0.00	0.03	0.03
Offsite							
	Worker	0.07	0.08	1.03	0.00	0.34	0.08
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.07	0.08	1.03	0.00	0.34	0.08
TOTAL		160.23	1.51	2.56	0.00	0.37	0.11

3.19. Infrastructure (2027) - Unmitigated

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		Summer					
	Off-Road Equipment	0.27	1.77	2.36	0.01	0.06	0.06
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.27	1.77	2.36	0.01	0.06	0.06
Offsite							
	Worker	0.03	0.03	0.49	0.00	0.13	0.03
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.03	0.03	0.49	0.00	0.13	0.03
TOTAL		0.30	1.80	2.85	0.01	0.19	0.09

Onsite **Winter**

Offsite	Off-Road Equipment	0.27	1.77	2.36	0.01	0.06	0.06
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.27	1.77	2.36	0.01	0.06	0.06
	Worker	0.03	0.03	0.43	0.00	0.13	0.03
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.03	0.03	0.43	0.00	0.13	0.03
	TOTAL	0.30	1.80	2.79	0.01	0.19	0.09
Onsite		MAX					
	Off-Road Equipment	0.27	1.77	2.36	0.01	0.06	0.06
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.27	1.77	2.36	0.01	0.06	0.06
Offsite							
	Worker	0.03	0.03	0.49	0.00	0.13	0.03
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.03	0.03	0.49	0.00	0.13	0.03
TOTAL		0.30	1.80	2.85	0.01	0.19	0.09

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
3.1. Demolition & Site Remediation (2026) - Unmitigated	0	3	4	0	1	0
3.3. Demolition Debris Haul (2026) - Unmitigated	0	2	1	0	7	1
3.5. Site Remediation Soil Haul (2026) - Unmitigated	0	0	0	0	0	0
3.7. Rough Grading (2026) - Unmitigated	2	20	16	0	5	2
3.9. Rough Grading (2027) - Unmitigated	2	19	16	0	5	2
3.11. Building Construction (2027) - Unmitigated	1	4	10	0	2	1
3.13. Building Construction (2028) - Unmitigated	1	4	11	0	2	1
3.15. Asphalt Paving (2028) - Unmitigated	1	4	10	0	0	0
3.17. Architectural Coating (2028) - Unmitigated	160	2	3	0	0	0
3.19. Infrastructure (2027) - Unmitigated	0	2	3	0	0	0
Building Construction (2028), Asphalt Paving, Architectural Coating	162	10	23	0	3	1
MAX DAILY	162	20	23	0	7	2
Regional Thresholds	75	100	550	150	150	55
Exceeds Thresholds?	Yes	No	No	No	No	No

Mitigated Regional Construction Emissions Worksheet (Normalized Work-Day Scenario)

3.2. Demolition & Site Remediation (2026) - Mitigated							
		ROG	NOx	CO	SO	PM10 Total	PM2.5Total
Onsite		Summer					
	Off-Road Equipment	0.29	2.14	3.28	0.01	0.07	0.07
	Demolition	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	< 0.005	0.02	0.01	< 0.005	1.07	0.11
	Total	0.29	2.16	3.29	0.01	1.14	0.18
Offsite							
	Worker	0.04	0.04	0.66	0.00	0.16	0.04
	Vendor	0.01	0.51	0.26	< 0.005	0.14	0.04
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.05	0.55	0.92	0.00	0.30	0.08
TOTAL		0.34	2.71	4.21	0.01	1.44	0.26
Onsite		Winter					
	Off-Road Equipment	0.13	1.47	6.61	0.01	0.02	0.02
	Demolition	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	< 0.005	0.02	0.01	< 0.005	1.07	0.11
	Total	0.13	1.49	6.62	0.01	1.09	0.13
Offsite							
	Worker	0.04	0.04	0.57	0.00	0.16	0.04
	Vendor	0.01	0.53	0.26	< 0.005	0.14	0.04
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.05	0.57	0.83	0.00	0.30	0.08
TOTAL		0.18	2.06	7.45	0.01	1.39	0.21
Onsite		MAX					
	Off-Road	0.29	2.14	6.61	0.01	0.07	0.07
	Demolition	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.02	0.01	0.00	1.07	0.11
	Total	0.29	2.16	6.62	0.01	1.14	0.18
Offsite							
	Worker	0.04	0.04	0.66	0.00	0.16	0.04
	Vendor	0.01	0.53	0.26	0.00	0.14	0.04
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.05	0.57	0.92	0.00	0.30	0.08
TOTAL		0	3	8	0	1	0
3.4. Demolition Debris Haul (2026) - Mitigated							
		ROG	NOx	CO	SO	PM10 Total	PM2.5Total
Onsite		Summer					
	Demolition	0.00	0.00	0.00	0.00	5.50	0.83
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	5.50	0.83
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.03	2.21	0.98	0.01	0.51	0.16
	Total	0.03	2.21	0.98	0.01	0.51	0.16
TOTAL		0.03	2.21	0.98	0.01	6.01	0.99
TOTAL		0	2	1	0	6	1
3.6. Site Remediation Soil Haul (2026) - Mitigated							

		ROG	NOx	CO	SO	PM10 Total	PM2.5Total
Onsite		Summer					
	Dust From Material Movement	0.00	0.00	0.00	0.00	< 0.005	< 0.005
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	< 0.005	0.34	0.15	< 0.005	0.08	0.02
	Total	0.00	0.34	0.15	0.00	0.08	0.02
TOTAL		0.00	0.34	0.15	0.00	0.08	0.02
Onsite		Winter					
	Dust From Material Movement	0.00	0.00	0.00	0.00	< 0.005	< 0.005
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	< 0.005	0.35	0.15	< 0.005	0.08	0.02
	Total	0.00	0.35	0.15	0.00	0.08	0.02
TOTAL		0.00	0.35	0.15	0.00	0.08	0.02
Onsite		MAX					
	Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00
Offsite							
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.35	0.15	0.00	0.08	0.02
	Total	0.00	0.35	0.15	0.00	0.08	0.02
TOTAL		0	0	0	0	0	0

3.8. Rough Grading (2026) - Mitigated

		ROG	NOx	CO	SO	PM10 Total	PM2.5Total
Onsite		Winter					
	Off-Road Equipment	0.42	2.18	21.80	0.04	0.08	0.08
	Dust From Material Movement	0.00	0.00	0.00	0.00	2.72	1.10
	Onsite truck	< 0.005	0.03	0.01	< 0.005	1.15	0.11
	Total	0.42	2.21	21.81	0.04	3.95	1.29
Offsite							
	Worker	0.06	0.06	0.80	0.00	0.23	0.05
	Vendor	0.01	0.40	0.20	< 0.005	0.11	0.03
	Hauling	0.01	0.76	0.33	< 0.005	0.17	0.05
	Total	0.08	1.22	1.33	0.00	0.51	0.13
TOTAL		0.50	3.43	23.14	0.04	4.46	1.42
Onsite		MAX					
	Off-Road Equipment	0.42	2.18	21.80	0.04	0.08	0.08
	Dust From Material Movement	0.00	0.00	0.00	0.00	2.72	1.10
	Onsite truck	0.00	0.03	0.01	0.00	1.15	0.11
	Total	0.42	2.21	21.81	0.04	3.95	1.29
Offsite							
	Worker	0.06	0.06	0.80	0.00	0.23	0.05
	Vendor	0.01	0.40	0.20	0.00	0.11	0.03

	Hauling	0.01	0.76	0.33	0.00	0.17	0.05
	Total	0.08	1.22	1.33	0.00	0.51	0.13
TOTAL		0.50	3.43	23.14	0.04	4.46	1.42

3.10. Rough Grading (2027) - Mitigated

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		Summer					
	Off-Road Equipment	0.42	2.18	21.80	0.04	0.08	0.08
	Dust From Material Movement	0.00	0.00	0.00	0.00	2.72	1.10
	Onsite truck	< 0.005	0.02	0.01	< 0.005	1.15	0.11
	Total	0.42	2.20	21.81	0.04	3.95	1.29
Offsite							
	Worker	0.05	0.05	0.87	0.00	0.23	0.05
	Vendor	0.01	0.37	0.18	< 0.005	0.11	0.03
	Hauling	0.01	0.71	0.32	< 0.005	0.17	0.05
	Total	0.07	1.13	1.37	0.00	0.51	0.13
TOTAL		0.49	3.33	23.18	0.04	4.46	1.42
Onsite		Winter					
	Off-Road Equipment	0.42	2.18	21.80	0.04	0.08	0.08
	Dust From Material Movement	0.00	0.00	0.00	0.00	2.72	1.10
	Onsite truck	< 0.005	0.02	0.01	< 0.005	1.15	0.11
	Total	0.42	2.20	21.81	0.04	3.95	1.29
Offsite							
	Worker	0.05	0.05	0.74	0.00	0.23	0.05
	Vendor	0.01	0.38	0.19	< 0.005	0.11	0.03
	Hauling	0.01	0.74	0.32	< 0.005	0.17	0.05
	Total	0.07	1.17	1.25	0.00	0.51	0.13
TOTAL		0.49	3.37	23.06	0.04	4.46	1.42
Onsite		MAX					
	Off-Road Equipment	0.42	2.18	21.80	0.04	0.08	0.08
	Dust From Material Movement	0.00	0.00	0.00	0.00	2.72	1.10
	Onsite truck	0.00	0.02	0.01	0.00	1.15	0.11
	Total	0.42	2.20	21.81	0.04	3.95	1.29
Offsite							
	Hauling	0.05	0.05	0.87	0.00	0.23	0.05
	Vendor	0.01	0.38	0.19	0.00	0.11	0.03
	Worker	0.01	0.74	0.32	0.00	0.17	0.05
	Total	0.07	1.17	1.37	0.00	0.51	0.13
TOTAL		0.49	3.37	23.18	0.04	4.46	1.42

3.12. Building Construction (2027) - Mitigated

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		Winter					
	Off-Road Equipment	0.14	0.97	5.89	0.01	0.03	0.03
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.14	0.97	5.89	0.01	0.03	0.03
Offsite							
	Worker	0.37	0.39	5.48	0.00	1.68	0.39
	Vendor	0.01	0.61	0.30	< 0.005	0.17	0.05
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.38	1.00	5.78	0.00	1.85	0.44
TOTAL		0.52	1.97	11.67	0.01	1.88	0.47
Onsite		MAX					

Offsite	Off-Road Equipment	0.14	0.97	5.89	0.01	0.03	0.03
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.14	0.97	5.89	0.01	0.03	0.03
	Hauling	0.37	0.39	5.48	0.00	1.68	0.39
	Vendor	0.01	0.61	0.30	0.00	0.17	0.05
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.38	1.00	5.78	0.00	1.85	0.44
	TOTAL	0.52	1.97	11.67	0.01	1.88	0.47

3.14. Building Construction (2028) - Mitigated

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		Summer					
	Off-Road Equipment	0.14	0.95	5.90	0.01	0.03	0.03
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.14	0.95	5.90	0.01	0.03	0.03
Offsite							
	Worker	0.36	0.33	6.01	0.00	1.68	0.39
	Vendor	0.01	0.56	0.28	< 0.005	0.17	0.05
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.37	0.89	6.29	0.00	1.85	0.44
	TOTAL	0.51	1.84	12.19	0.01	1.88	0.47
Onsite		Winter					
	Off-Road Equipment	0.14	0.95	5.90	0.01	0.03	0.03
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.14	0.95	5.90	0.01	0.03	0.03
Offsite							
	Worker	0.35	0.39	5.16	0.00	1.68	0.39
	Vendor	0.01	0.59	0.29	< 0.005	0.17	0.05
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.36	0.98	5.45	0.00	1.85	0.44
	TOTAL	0.50	1.93	11.35	0.01	1.88	0.47
Onsite		MAX					
	Off-Road Equipment	0.14	0.95	5.90	0.01	0.03	0.03
	Dust From Material Movement	0.00	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.14	0.95	5.90	0.01	0.03	0.03
Offsite							
	Worker	0.36	0.39	6.01	0.00	1.68	0.39
	Vendor	0.01	0.59	0.29	0.00	0.17	0.05
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.37	0.98	6.29	0.00	1.85	0.44
	TOTAL	0.51	1.93	12.19	0.01	1.88	0.47

3.16. Asphalt Paving (2028) - Mitigated

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		Winter					
	Off-Road Equipment	0.22	1.12	14.10	0.02	0.04	0.04
	Paving	0.40	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.62	1.12	14.10	0.02	0.04	0.04
Offsite							
	Worker	0.03	0.04	0.50	0.00	0.16	0.04
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00

	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.03	0.04	0.50	0.00	0.16	0.04
TOTAL		0.65	1.16	14.60	0.02	0.20	0.08
Onsite		MAX					
	Off-Road Equipment	0.22	1.12	14.10	0.02	0.04	0.04
	Paving	0.40	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.62	1.12	14.10	0.02	0.04	0.04
Offsite							
	Worker	0.03	0.04	0.50	0.00	0.16	0.04
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.03	0.04	0.50	0.00	0.16	0.04
TOTAL		0.65	1.16	14.60	0.02	0.20	0.08

3.18. Architectural Coating (2028) - Mitigated

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		Winter					
	Off-Road Equipment	0.16	1.43	1.53	< 0.005	0.03	0.03
	Architectural Coatings	33.90	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	34.06	1.43	1.53	0.00	0.03	0.03
Offsite							
	Worker	0.07	0.08	1.03	0.00	0.34	0.08
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.07	0.08	1.03	0.00	0.34	0.08
TOTAL		34.13	1.51	2.56	0.00	0.37	0.11
Onsite		MAX					
	Off-Road Equipment	0.16	1.43	1.53	0.00	0.03	0.03
	Architectural Coatings	33.90	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	34.06	1.43	1.53	0.00	0.03	0.03
Offsite							
	Worker	0.07	0.08	1.03	0.00	0.34	0.08
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.07	0.08	1.03	0.00	0.34	0.08
TOTAL		34.13	1.51	2.56	0.00	0.37	0.11

3.20. Infrastructure (2027) - Mitigated

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		Summer					
	Off-Road Equipment	0.10	0.50	5.15	0.01	0.02	0.02
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.10	0.50	5.15	0.01	0.02	0.02
Offsite							
	Worker	0.03	0.03	0.49	0.00	0.13	0.03
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.03	0.03	0.49	0.00	0.13	0.03
TOTAL		0.13	0.53	5.64	0.01	0.15	0.05

Onsite **Winter**

Offsite	Off-Road Equipment	0.10	0.50	5.15	0.01	0.02	0.02
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.10	0.50	5.15	0.01	0.02	0.02
	Worker	0.03	0.03	0.43	0.00	0.13	0.03
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL	0.10	0.50	5.15	0.01	0.02	0.02
Onsite		MAX					
	Off-Road Equipment	0.10	0.50	5.15	0.01	0.02	0.02
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.10	0.50	5.15	0.01	0.02	0.02
Offsite							
	Worker	0.03	0.03	0.49	0.00	0.13	0.03
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.03	0.03	0.49	0.00	0.13	0.03
TOTAL		0.13	0.53	5.64	0.01	0.15	0.05

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
3.2. Demolition & Site Remediation (2026) - Mitigated	0	3	8	0	1	0
3.4. Demolition Debris Haul (2026) - Mitigated	0	2	1	0	6	1
3.6. Site Remediation Soil Haul (2026) - Mitigated	0	0	0	0	0	0
3.8. Rough Grading (2026) - Mitigated	1	3	23	0	4	1
3.10. Rough Grading (2027) - Mitigated	0	3	23	0	4	1
3.12. Building Construction (2027) - Mitigated	1	2	12	0	2	0
3.14. Building Construction (2028) - Mitigated	1	2	12	0	2	0
3.16. Asphalt Paving (2028) - Mitigated	1	1	15	0	0	0
3.18. Architectural Coating (2028) - Mitigated	34	2	3	0	0	0
3.20. Infrastructure (2027) - Mitigated	0	1	6	0	0	0
Building Construction (2028), Asphalt Paving, Architectural Coating	35	5	29	0	2	1
MAX DAILY	35	5	29	0	6	1
Regional Thresholds	75	100	550	150	150	55
Exceeds Thresholds?	No	No	No	No	No	No

Operations Regional Operation Emissions Worksheet

¹ CalEEMod, Version 2022.1

Proposed Project

Summer

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Mobile	5	4	43	0	12	3
Area	18	3	55	0	6	6
Energy	0	1	0	< 0.005	0	0
Total	22.38	7.54	98.61	0.28	18.42	9.34

Winter

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Mobile	4.71	3.87	39.90	0.11	11.90	3.05
Area	16.70	3.39	45.00	0.16	6.48	6.25
Energy	0.03	0.50	0.21	< 0.005	0.04	0.04
Total	21.44	7.76	85.11	0.27	18.42	9.34

Max Daily

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Mobile	5	4	43	0	12	3
Area	18	3	55	0	6	6
Energy	0	1	0	0	0	0
Total	22	8	99	0	18	9

Regional Thresholds (lb/day)

Exceeds Thresholds?	No	No	No	No	No	No
---------------------	----	----	----	----	----	----

GHG Emissions Inventory

Proposed Project Buildout

Construction¹

	MTCO ₂ e
2026	470
2027	680
2028	582
Total Construction	1,732
30-Year Amortization²	58

Notes

¹ CalEEMod, Version 2022.1

² Total construction emissions are amortized over 30 years per SCAQMD methodology; SCAQMD. 2009, November 19. Greenhouse Gases (GHG) CEQA Significance Thresholds Working Group Meeting 14. [http://www.aqmd.gov/docs/default-source/ceqa/handbook/greenhouse-gases-\(ghg\)-ceqa-significance-thresholds/year-2008-2009/ghg-meeting-14/ghg-meeting-14-main-presentation.pdf?sfvrsn=2](http://www.aqmd.gov/docs/default-source/ceqa/handbook/greenhouse-gases-(ghg)-ceqa-significance-thresholds/year-2008-2009/ghg-meeting-14/ghg-meeting-14-main-presentation.pdf?sfvrsn=2).

Operations¹

	MTCO ₂ e/Year ²	
	Operations	%
Mobile	1,737	75%
Area	55	2%
Energy	209	9%
Water	38	2%
Solid Waste	233	10%
Refrigerants	1	0%
30-Year Construction Amortization	58	2%
	2,331	100%
South Coast AQMD Bright-Line Screening Threshold	3,000	
Exceed Threshold?	No	

Notes

¹ CalEEMod, Version 2022.1

² MTCO₂e=metric tons of carbon dioxide equivalent.

Localized Significance Thresholds Worksheet

Table C-1. 2001 – 2003 Thresholds for Construction and Operation with
Gradual Conversion of NOx to NO2

Construction Localized Significance Thresholds: Demolition/Site Preparation

SRA No.	Acres	NOx & CO		PM10 & PM2.5		Construction / Project Site Size (Acres)
		Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	
18	2.84	25	--	25	--	9.70
Source Receptor						
North Coastal Orange Count Equipment		Acres/8-hr Day		Daily hours		Equipment Used
Distance (meters)	25	Excavator	0.5	0.0625	6.5	0
NOx	150	Excavator	0.5	0.0625	6.5	2
CO	1,173	Excavator	0.5	0.0625	6.5	1
PM10	8.97	Skid Steer Load	1	0.125	6.5	2
PM2.5	6.13					
						Acres
						2.84
Acres		25	50	100	200	500
NOx	2	131	128	139	165	235
	3	153	149	160	184	249
CO	2	150	145	157	181	247
	3	962	1089	1506	2615	7493
PM10	2	1212	1347	1822	3039	8086
	3	1173	1307	1773	2973	7993
PM2.5	2	7	21	35	62	144
	3	9	29	42	70	152
PM2.5	2	9	27	41	68	150
	3	5	7	12	26	83
PM2.5	2	6	8	14	29	89
	3	6	8	14	29	88
North Coastal Orange County						
2.84 Acres		25	50	100	200	500
NOx	150	145	157	181	247	
	1173	1307	1773	2973	7993	
PM10	9	27	41	68	150	
	6	8	14	29	88	

Acre Below		Acre Above	
SRA No.	Acres	SRA No.	Acres
18	2	18	3
Distance Increment Below			
25			
Distance Increment Above			
50			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Table C-1. 2001 – 2003 Thresholds for Construction and Operation with
Gradual Conversion of NOx to NO2

Construction Localized Significance Thresholds: Grading

SRA No.	Acres	NOx & CO		PM10 & PM2.5		Construction / Project Site Size (Acres)	
		Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)		
18	4.81	25	--	25	--	9.70	
Source Receptor Distance (meters)	North Coastal Orange Count Equipment	Acres/8-hr Day		Daily hours	Equipment Used	Acres	
	25	Scrapers	1	0.125	7	4	3.5
NOx	193	Rubber Tired Do	0.5	0.0625			0
CO	1,664	Rubber Tired Do	0.5	0.0625	7	2	0.875
PM10	13.56	Grader	0.5	0.0625	7	1	0.4375
PM2.5	8.75						
					Acres		4.81
	Acres	25	50	100	200	500	
NOx	4	175	169	181	204	264	
	5	197	190	202	223	278	
		193	186	198	219	275	
CO	4	1461	1606	2139	3464	8679	
	5	1711	1864	2455	3888	9272	
		1664	1816	2396	3808	9161	
PM10	4	12	36	50	77	159	
	5	14	44	57	85	167	
		14	43	56	84	166	
PM2.5	4	8	10	16	32	95	
	5	9	11	18	35	101	
		9	11	18	34	100	
North Coastal Orange County							
	4.81 Acres						
	25	50	100	200	500		
NOx	193	186	198	219	275		
CO	1664	1816	2396	3808	9161		
PM10	14	43	56	84	166		
PM2.5	9	11	18	34	100		

Acre Below		Acre Above	
SRA No.	Acres	SRA No.	Acres
18	4	18	5
Distance Increment Below			
25			
Distance Increment Above			
50			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Table C-1. 2001 – 2003 Thresholds for Construction and Operation with
Gradual Conversion of NOx to NO2

Construction Localized Significance Thresholds: Building Construction

SRA No.	Acres	NOx & CO		PM10 & PM2.5		Construction / Project Site Size (Acres)
		Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	
18	0.38	25	--	25	--	9.70
Source Receptor Distance (meters)	North Coastal Orange Count Equipment	Acres/8-hr Day		Daily hours	Equipment Used	Acres
25	Tractors	0.5	0.0625	6	1	0.375
NOx 92	Tractors	0.5	0.0625			0
CO 647	Graders	0.5	0.0625			0
PM10 4.00	Dozers	0.5	0.0625			0
PM2.5 3.00	Scrapers	1	0.125			0
					Acres	0.38
	Acres	25	50	100	200	500
NOx 1	92	93	108	140	219	219
1	92	93	108	140	219	219
	92	93	108	140	219	219
CO 1	647	738	1090	2096	6841	6841
1	647	738	1090	2096	6841	6841
	647	738	1090	2096	6841	6841
PM10 1	4	13	27	54	135	135
1	4	13	27	54	135	135
	4	13	27	54	135	135
PM2.5 1	3	5	9	22	76	76
1	3	5	9	22	76	76
	3	5	9	22	76	76
North Coastal Orange County						
0.38 Acres						
25	50	100	200	500		
NOx 92	93	108	140	219		
CO 647	738	1090	2096	6841		
PM10 4	13	27	54	135		
PM2.5 3	5	9	22	76		

Acre Below		Acre Above	
SRA No.	Acres	SRA No.	Acres
18	1	18	1
Distance Increment Below			
25			
Distance Increment Above			
50			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Table C-1. 2001 – 2003 Thresholds for Construction and Operation with
Gradual Conversion of NOx to NO2

Construction Localized Significance Thresholds: Utilities Trenching

SRA No.	Acres	NOx & CO		PM10 & PM2.5		Construction / Project Site Size (Acres)	
		Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)		
18	1.31	25	--	25	--	9.70	
Source Receptor Distance (meters)	North Coastal Orange Count Equipment	Acres/8-hr Day		Daily hours	Equipment Used	Acres	
	25	Tractors	0.5	0.0625	7	1	0.4375
NOx	104	Tractors	0.5	0.0625	7	1	0.4375
CO	745	Tractors	0.5	0.0625	7	1	0.4375
PM10	4.94	Dozers	0.5	0.0625			0
PM2.5	3.63	Scrapers	1	0.125			0
						Acres	1.31
	Acres	25	50	100	200	500	
NOx	1	92	93	108	140	219	
	2	131	128	139	165	235	
CO	1	104	104	118	148	224	
	2	647	738	1090	2096	6841	
PM10	1	962	1089	1506	2615	7493	
	2	745	848	1220	2258	7045	
PM2.5	1	4	13	27	54	135	
	2	7	21	35	62	144	
PM2.5	1	5	16	30	57	138	
	2	3	5	9	22	76	
	1	5	7	12	26	83	
	2	4	6	10	23	78	
North Coastal Orange County							
1.31 Acres							
	25	50	100	200	500		
NOx	104	104	118	148	224		
CO	745	848	1220	2258	7045		
PM10	5	16	30	57	138		
PM2.5	4	6	10	23	78		
Acre Below		Acre Above					
SRA No.	Acres	SRA No.	Acres				
18	1	18	2				
Distance Increment Below							
25							
Distance Increment Above							
50							

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Table C-1. 2001 – 2003 Thresholds for Construction and Operation with Gradual Conversion of NOx to NO2

Construction Localized Significance Thresholds: Building Construction, Paving, and Architectural Coating

		NOx & CO		PM10 & PM2.5				
SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Construction / Project Site Size (Acres)		
18	0.38	25	--	25	--	9.70		
Source Receptor Distance (meters)	25	Tractors		0.5	0.0625	6	1	0.375
NOx	92	Tractors		0.5	0.0625			0
CO	647	Graders		0.5	0.0625			0
PM10	4.00	Dozers		0.5	0.0625			0
PM2.5	3.00	Scrapers		1	0.125			0
							Acres	0.38
	Acres	25	50		100		200	500
NOx	1	92	93		108		140	219
	1	92	93		108		140	219
		92	93		108		140	219
CO	1	647	738		1090		2096	6841
	1	647	738		1090		2096	6841
		647	738		1090		2096	6841
PM10	1	4	13		27		54	135
	1	4	13		27		54	135
		4	13		27		54	135
PM2.5	1	3	5		9		22	76
	1	3	5		9		22	76
		3	5		9		22	76
North Coastal Orange County								
0.38 Acres								
	25	50	100		200		500	
NOx	92	93	108		140		219	
CO	647	738	1090		2096		6841	
PM10	4	13	27		54		135	
PM2.5	3	5	9		22		76	
Acre Below		Acre Above						
SRA No.	Acres	SRA No.	Acres					
18	1	18	1					
Distance Increment Below								
25								
Distance Increment Above								
50								

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Updated: 10/21/2009 - Table C-1. 2006 – 2008

NOx to NO2 Conversion

Source: SCAQMD 2003. South Coast Air Quality Management District. 2003, June
(Revised July 2008). Final Localized Significance Methodology.

The two principle NOx species are NO and NO2 with the vast majority (95 percent) of
NOx emissions being NO. Adverse health effects are associated with NO2 and not NO.

Table 2-4: NO2-to-NOx Ratios as a Function of Downwind Distance

Downwind Distance (Meters)	NO2/NOx Ratio
20	0.053
50	0.059
70	0.064
100	0.074
200	0.114
500	0.258
1000	0.467
2000	0.75
3000	0.9
4000	0.978
5000	1

Interpolated for within 25 Meters:

25	0.054
----	-------

Table C-1. 2001 – 2003 Thresholds for Construction and Operation with Gradual Conversion of NOx to NO2

NOx

SRA No.	Source Receptor Area	Acres	Allowable emissions (lbs/day) as a function of receptor distance (meters) from site boundary									
			1 Acre					2 Acre				
			25	50	100	200	500	25	50	100	200	500
1	Central LA	1	74	74	82	106	168	108	106	110	126	179
		2	108	106	110	126	179					
		5	161	157	165	173	212					
2	Northwest Coastal LA	1	103	104	121	156	245	147	143	156	186	262
		2	147	143	156	186	262					
		5	221	212	226	250	312					
3	Southwest Coastal LA	1	91	93	107	139	218	131	128	139	165	233
		2	131	128	139	165	233					
		5	197	189	202	222	277					
4	South Coastal LA Cou	1	57	58	68	90	142	82	80	87	106	151
		2	82	80	87	106	151					
		5	123	118	126	141	179					
5	Southeast LA County	1	80	81	94	123	192	114	111	121	145	205
		2	114	111	121	145	205					
		5	172	165	176	194	244					
6	West San Fernando V	1	103	104	121	157	245	147	143	156	187	263
		2	147	143	156	187	263					
		5	221	212	226	250	313					
7	East San Fernando Va	1	80	81	94	122	191	114	111	121	144	204
		2	114	111	121	144	204					
		5	172	165	176	194	242					
8	West San Gabriel Vall	1	69	69	81	104	164	98	95	104	124	175
		2	98	95	104	124	175					
		5	148	141	151	166	208					
9	East San Gabriel Valle	1	89	112	159	251	489	128	151	200	284	513
		2	128	151	200	284	513					
		5	203	227	286	368	584					
10	Pomona/Walnut Valle	1	103	129	185	292	570	149	175	230	330	598
		2	149	175	230	330	598					
		5	236	265	330	426	681					
11	South San Gabriel Val	1	83	84	96	123	193	121	118	126	147	206
		2	121	118	126	147	206					
		5	183	176	184	202	245					
12	South Central LA Cou	1	46	46	54	70	109	65	64	69	82	117
		2	65	64	69	82	117					
		5	98	94	101	111	139					
13	Santa Clarita Valley	1	114	115	133	173	273	163	159	172	204	291
		2	163	159	172	204	291					
		5	246	236	251	275	345					

Table C-1. 2001 – 2003 Thresholds for Construction and Operation with Gradual Conversion of NOx to NO2

15	San Gabriel Mountain	1	114	115	133	173	273	163	159	172	204	291
		2	163	159	172	204	291					
		5	246	236	251	275	345					
16	North Orange County	1	103	104	121	159	252	147	143	156	186	269
		2	147	143	156	186	269					
		5	221	212	226	249	317					
17	Central Orange County	1	81	83	98	123	192	115	114	125	148	205
		2	115	114	125	148	205					
		5	183	167	180	202	245					
18	North Coastal Orange	1	92	93	108	140	219	131	128	139	165	235
		2	131	128	139	165	235					
		5	197	190	202	223	278					
19	Saddleback Valley	1	91	93	108	140	218	131	127	139	165	233
		2	131	127	139	165	233					
		5	197	189	201	222	278					
20	Central Orange County	1	92	93	108	140	219	131	128	139	165	235
		2	131	128	139	165	235					
		5	197	190	202	223	278					
21	Capistrano Valley	1	91	93	108	140	218	131	127	139	165	233
		2	131	127	139	165	233					
		5	197	189	201	222	278					
22	Norco/Corona	1	118	148	211	334	652	170	200	263	378	684
		2	170	200	263	378	684					
		5	270	302	378	486	778					
23	Metropolitan Riverside	1	118	148	212	335	652	170	200	264	379	684
		2	170	200	264	379	684					
		5	270	302	378	488	780					
24	Perris Valley	1	118	148	212	335	652	170	200	264	379	684
		2	170	200	264	379	684					
		5	270	302	378	488	780					
25	Lake Elsinore	1	162	203	292	460	896	234	275	363	521	941
		2	234	275	363	521	941					
		5	371	416	520	672	1,072					

Table C-1. 2001 – 2003 Thresholds for Construction and Operation with Gradual Conversion of NOx to NO2

26	Temecula Valley	1	162	203	292	460	896	234	275	363	521	941
		2	234	275	363	521	941					
		5	371	416	520	672	1,072					
27	Anza Area	1	162	203	292	460	896	234	275	363	521	941
		2	234	275	363	521	941					
		5	371	416	520	672	1,072					
28	Hemet/San Jacinto Va	1	162	203	292	460	896	234	275	363	521	941
		2	234	275	363	521	941					
		5	371	416	520	672	1,072					
29	Banning Airport	1	103	131	189	299	585	149	176	234	340	614
		2	149	176	234	340	614					
		5	236	265	333	434	698					
30	Coachella Valley	1	132	166	238	376	733	191	225	296	425	769
		2	191	225	296	425	769					
		5	270	303	378	487	778					
31	East Riverside County	1	132	166	238	376	733	191	225	296	425	769
		2	191	225	296	425	769					
		5	304	340	425	547	875					
32	Northwest San Bernar	1	118	148	211	334	652	170	200	263	378	684
		2	170	200	263	378	684					
		5	270	303	378	486	778					
33	Southwest San Bernar	1	118	148	211	334	652	170	200	263	378	684
		2	170	200	263	378	684					
		5	270	303	378	486	778					
34	Central San Bernardin	1	118	148	211	334	652	170	200	263	378	684
		2	170	200	263	378	684					

Table C-1. 2001 – 2003 Thresholds for Construction and Operation with Gradual Conversion of NOx to NO2

		5	270	302	378	486	778						
35	East San Bernardino V	1	118	148	211	334	651	170	200	263	377	683	
		2	170	200	263	377	683						
		5	270	302	378	486	778						
36	Central San Bernardin	1	118	148	211	334	652	170	200	263	378	684	
		2	170	200	263	378	684						
		5	270	303	378	486	778						
37	West San Bernardino	1	118	148	211	334	652	170	200	263	378	684	
		2	170	200	263	378	684						
		5	270	302	378	486	778						
38	East San Bernardino N	1	118	148	211	334	651	170	200	263	377	683	
		2	170	200	263	377	683						
		5	270	302	378	486	778						

NOx							
SRA No.	Source Receptor Area	Acres	25	50	100	200	500
1	Central LA	1	74	74	82	106	168
1		2	108	106	110	126	179
1		3	126	123	128	142	190
1		4	143	140	147	157	201
1		5	161	157	165	173	212
2	Northwest Coastal LA	1	103	104	121	156	245
2		2	147	143	156	186	262
2		3	172	166	179	207	279
2		4	196	189	203	229	295
2		5	221	212	226	250	312
3	Southwest Coastal LA	1	91	93	107	139	218
3		2	131	128	139	165	233
3		3	153	148	160	184	248
3		4	175	169	181	203	262
3		5	197	189	202	222	277
4	South Coastal LA Cou	1	57	58	68	90	142
4		2	82	80	87	106	151
4		3	96	93	100	118	160
4		4	109	105	113	129	170
4		5	123	118	126	141	179
5	Southeast LA County	1	80	81	94	123	192
5		2	114	111	121	145	205
5		3	133	129	139	161	218
5		4	153	147	158	178	231
5		5	172	165	176	194	244
6	West San Fernando V	1	103	104	121	157	245
6		2	147	143	156	187	263
6		3	172	166	179	208	280
6		4	196	189	203	229	296
6		5	221	212	226	250	313
7	East San Fernando Va	1	80	81	94	122	191
7		2	114	111	121	144	204
7		3	133	129	139	161	217
7		4	153	147	158	177	229
7		5	172	165	176	194	242
8	West San Gabriel Vall	1	69	69	81	104	164
8		2	98	95	104	124	175
8		3	115	110	120	138	186
8		4	131	126	135	152	197
8		5	148	141	151	166	208
9	East San Gabriel Valle	1	89	112	159	251	489
9		2	128	151	200	284	513
9		3	153	176	229	312	537
9		4	178	202	257	340	560
9		5	203	227	286	368	584
10	Pomona/Walnut Valle	1	103	129	185	292	570

Table C-1. 2001 – 2003 Thresholds for Construction and Operation with Gradual Conversion of NOx to NO2

10		2	149	175	230	330	598
10		3	178	205	263	362	626
10		4	207	235	297	394	653
10		5	236	265	330	426	681
11	South San Gabriel Va	1	83	84	96	123	193
11		2	121	118	126	147	206
11		3	142	137	145	165	219
11		4	162	157	165	184	232
11		5	183	176	184	202	245
12	South Central LA Cou	1	46	46	54	70	109
12		2	65	64	69	82	117
12		3	76	74	80	92	124
12		4	87	84	90	101	132
12		5	98	94	101	111	139
13	Santa Clarita Valley	1	114	115	133	173	273
13		2	163	159	172	204	291
13		3	191	185	198	228	309
13		4	218	210	225	251	327
13		5	246	236	251	275	345
15	San Gabriel Mountain	1	114	115	133	173	273
15		2	163	159	172	204	291
15		3	191	185	198	228	309
15		4	218	210	225	251	327
15		5	246	236	251	275	345
16	North Orange County	1	103	104	121	159	252
16		2	147	143	156	186	269
16		3	172	166	179	207	285
16		4	196	189	203	228	301
16		5	221	212	226	249	317
17	Central Orange Count	1	81	83	98	123	192
17		2	115	114	125	148	205
17		3	138	132	143	166	218
17		4	160	149	162	184	232
17		5	183	167	180	202	245
18	North Coastal Orange	1	92	93	108	140	219
18		2	131	128	139	165	235
18		3	153	149	160	184	249
18		4	175	169	181	204	264
18		5	197	190	202	223	278
19	Saddleback Valley	1	91	93	108	140	218
19		2	131	127	139	165	233
19		3	153	148	160	184	248
19		4	175	168	180	203	263
19		5	197	189	201	222	278
20	Central Orange Count	1	92	93	108	140	219
20		2	131	128	139	165	235
20		3	153	149	160	184	249
20		4	175	169	181	204	264
20		5	197	190	202	223	278
21	Capistrano Valley	1	91	93	108	140	218
21		2	131	127	139	165	233
21		3	153	148	160	184	248
21		4	175	168	180	203	263
21		5	197	189	201	222	278
22	Norco/Corona	1	118	148	211	334	652
22		2	170	200	263	378	684
22		3	203	234	301	414	715
22		4	237	268	340	450	747
22		5	270	302	378	486	778
23	Metropolitan Riversid	1	118	148	212	335	652
23		2	170	200	264	379	684
23		3	203	234	302	415	716
23		4	237	268	340	452	748
23		5	270	302	378	488	780
24	Perris Valley	1	118	148	212	335	652
24		2	170	200	264	379	684
24		3	203	234	302	415	716
24		4	237	268	340	452	748
24		5	270	302	378	488	780

Table C-1. 2001 – 2003 Thresholds for Construction and Operation with Gradual Conversion of NOx to NO2

25	Lake Elsinore	1	162	203	292	460	896
25		2	234	275	363	521	941
25		3	280	322	415	571	985
25		4	325	369	468	622	1,028
25		5	371	416	520	672	1,072
26	Temecula Valley	1	162	203	292	460	896
26		2	234	275	363	521	941
26		3	280	322	415	571	985
26		4	325	369	468	622	1,028
26		5	371	416	520	672	1,072
27	Anza Area	1	162	203	292	460	896
27		2	234	275	363	521	941
27		3	280	322	415	571	985
27		4	325	369	468	622	1,028
27		5	371	416	520	672	1,072
28	Hemet/San Jacinto Va	1	162	203	292	460	896
28		2	234	275	363	521	941
28		3	280	322	415	571	985
28		4	325	369	468	622	1,028
28		5	371	416	520	672	1,072
29	Banning Airport	1	103	131	189	299	585
29		2	149	176	234	340	614
29		3	178	206	267	371	642
29		4	207	235	300	403	670
29		5	236	265	333	434	698
30	Coachella Valley	1	132	166	238	376	733
30		2	191	225	296	425	769
30		3	217	251	323	446	772
30		4	244	277	351	466	775
30		5	270	303	378	487	778
31	East Riverside County	1	132	166	238	376	733
31		2	191	225	296	425	769
31		3	229	263	339	466	804
31		4	266	302	382	506	840
31		5	304	340	425	547	875
32	Northwest San Bernar	1	118	148	211	334	652
32		2	170	200	263	378	684
32		3	203	234	301	414	715
32		4	237	269	340	450	747
32		5	270	303	378	486	778
33	Southwest San Bernar	1	118	148	211	334	652
33		2	170	200	263	378	684
33		3	203	234	301	414	715
33		4	237	269	340	450	747
33		5	270	303	378	486	778
34	Central San Bernardin	1	118	148	211	334	652
34		2	170	200	263	378	684
34		3	203	234	301	414	715
34		4	237	268	340	450	747
34		5	270	302	378	486	778
35	East San Bernardino V	1	118	148	211	334	651
35		2	170	200	263	377	683
35		3	203	234	301	413	715
35		4	237	268	340	450	746
35		5	270	302	378	486	778
36	Central San Bernardin	1	118	148	211	334	652
36		2	170	200	263	378	684
36		3	203	234	301	414	715
36		4	237	269	340	450	747
36		5	270	303	378	486	778
37	West San Bernardino	1	118	148	211	334	652
37		2	170	200	263	378	684
37		3	203	234	301	414	715
37		4	237	268	340	450	747
37		5	270	302	378	486	778
38	East San Bernardino N	1	118	148	211	334	651
38		2	170	200	263	377	683
38		3	203	234	301	413	715
38		4	237	268	340	450	746
38		5	270	302	378	486	778

Table C-1. 2001 – 2003 Thresholds for Construction and Operation with Gradual Conversion of NOx to NO2

CO

SRA No.	Source Receptor Area	Acres	Allowable emissions (lbs/day) as a function of receptor distance (meters) from site boundary									
			25	50	1 Acre 100	200	500	25	50	2 Acre 100	200	500
1	Central LA	1	680	882	1,259	2,406	7,911	1,048	1,368	1,799	3,016	8,637
		2	1,048	1,368	1,799	3,016	8,637					
		5	1,861	2,331	3,030	4,547	10,666					
2	Northwest Coastal LA County	1	562	833	1,233	2,367	7,724	827	1,213	1,695	2,961	8,446
		2	827	1,213	1,695	2,961	8,446					
		5	1,531	1,985	2,762	4,383	10,467					
3	Southwest Coastal LA County	1	664	785	1,156	2,228	7,269	967	1,158	1,597	2,783	7,950
		2	967	1,158	1,597	2,783	7,950					
		5	1,769	1,984	2,608	4,119	9,852					
4	South Coastal LA County	1	585	789	1,180	2,296	7,558	842	1,158	1,611	2,869	8,253
		2	842	1,158	1,611	2,869	8,253					
		5	1,530	1,982	2,613	4,184	10,198					
5	Southeast LA County	1	571	735	1,088	2,104	6,854	861	1,082	1,496	2,625	7,500
		2	861	1,082	1,496	2,625	7,500					
		5	1,480	1,855	2,437	3,867	9,312					
6	West San Fernando Valley	1	426	652	1,089	2,096	6,815	644	903	1,497	2,629	7,460
		2	644	903	1,497	2,629	7,460					
		5	1,158	1,537	2,438	3,871	9,271					
7	East San Fernando Valley	1	498	732	1,158	2,227	7,267	786	1,068	1,594	2,786	7,947
		2	786	1,068	1,594	2,786	7,947					
		5	1,434	1,872	2,599	4,119	9,848					
8	West San Gabriel Valley	1	535	783	1,158	2,229	7,270	812	1,125	1,594	2,785	7,957
		2	812	1,125	1,594	2,785	7,957					
		5	1,540	1,921	2,599	4,119	9,857					
9	East San Gabriel Valley	1	623	945	1,914	4,803	20,721	953	1,344	2,445	5,658	22,093
		2	953	1,344	2,445	5,658	22,093					
		5	1,733	2,299	3,680	7,600	25,558					
10	Pomona/Walnut Valley	1	612	911	1,741	4,345	18,991	885	1,358	2,298	5,097	20,256
		2	885	1,358	2,298	5,097	20,256					
		5	1,566	2,158	3,691	7,011	23,450					
11	South San Gabriel Valley	1	673	760	1,113	2,110	6,884	1,031	1,143	1,554	2,660	7,530
		2	1,031	1,143	1,554	2,660	7,530					
		5	1,814	1,984	2,549	4,024	9,342					
12	South Central LA County	1	231	342	632	1,545	5,452	346	515	841	1,817	5,962
		2	346	515	841	1,817	5,962					
		5	630	879	1,368	2,514	7,389					
13	Santa Clarita Valley	1	590	879	1,294	2,500	8,174	877	1,256	1,787	3,108	8,933
		2	877	1,256	1,787	3,108	8,933					
		5	1,644	2,095	2,922	4,608	11,049					

Table C-1. 2001 – 2003 Thresholds for Construction and Operation with
Gradual Conversion of NOx to NO2

15	San Gabriel Mountains	1	590	879	1,294	2,500	8,174	877	1,256	1,787	3,108	8,933
		2	877	1,256	1,787	3,108	8,933					
		5	1,644	2,095	2,922	4,608	11,049					
16	North Orange County	1	522	685	1,014	1,975	6,531	762	1,010	1,395	2,444	7,121
		2	762	1,010	1,395	2,444	7,121					
		5	1,311	1,731	2,274	3,605	8,754					
17	Central Orange County	1	485	753	1,128	2,109	6,841	715	1,041	1,547	2,685	7,493
		2	715	1,041	1,547	2,685	7,493					
		5	1,253	1,734	2,498	4,018	9,336					
18	North Coastal Orange County	1	647	738	1,090	2,096	6,841	962	1,089	1,506	2,615	7,493
		2	962	1,089	1,506	2,615	7,493					
		5	1,711	1,864	2,455	3,888	9,272					
19	Saddleback Valley	1	696	833	1,234	2,376	7,724	993	1,227	1,696	2,965	8,454
		2	993	1,227	1,696	2,965	8,454					
		5	1,804	2,102	2,763	4,387	10,507					
20	Central Orange County Coastal	1	647	738	1,090	2,096	6,841	962	1,089	1,506	2,615	7,493
		2	962	1,089	1,506	2,615	7,493					
		5	1,711	1,864	2,455	3,888	9,272					
21	Capistrano Valley	1	696	833	1,234	2,376	7,724	993	1,227	1,696	2,965	8,454
		2	993	1,227	1,696	2,965	8,454					
		5	1,804	2,102	2,763	4,387	10,507					
22	Norco/Corona	1	674	999	1,853	4,352	17,637	1,007	1,474	2,461	5,183	18,934
		2	1,007	1,474	2,461	5,183	18,934					
		5	1,700	2,470	3,964	7,350	22,490					
23	Metropolitan Riverside County	1	602	887	1,746	4,359	17,640	883	1,262	2,232	5,136	18,947
		2	883	1,262	2,232	5,136	18,947					
		5	1,577	2,178	3,437	3,860	22,530					
24	Perris Valley	1	602	887	1,746	4,359	17,640	883	1,262	2,232	5,136	18,947
		2	883	1,262	2,232	5,136	18,947					
		5	1,577	2,178	3,437	3,860	22,530					
25	Lake Elsinore	1	750	1,105	2,176	5,501	23,866	1,100	1,572	2,781	6,399	25,412
		2	1,100	1,572	2,781	6,399	25,412					
		5	1,965	2,714	4,282	8,547	29,256					

Table C-1. 2001 – 2003 Thresholds for Construction and Operation with
Gradual Conversion of NOx to NO2

26	Temecula Valley	1	750	1,105	2,176	5,501	23,866	1,100	1,572	2,781	6,399	25,412
		2	1,100	1,572	2,781	6,399	25,412					
		5	1,965	2,714	4,282	8,547	29,256					
27	Anza Area	1	750	1,105	2,176	5,501	23,866	1,100	1,572	2,781	6,399	25,412
		2	1,100	1,572	2,781	6,399	25,412					
		5	1,965	2,714	4,282	8,547	29,256					
28	Hemet/San Jacinto Valley	1	750	1,105	2,176	5,501	23,866	1,100	1,572	2,781	6,399	25,412
		2	1,100	1,572	2,781	6,399	25,412					
		5	1,965	2,714	4,282	8,547	29,256					
29	Banning Airport	1	1,000	1,420	2,623	6,154	25,057	1,541	2,049	3,458	7,395	26,890
		2	1,541	2,049	3,458	7,395	26,890					
		5	2,817	3,575	5,534	10,383	31,903					
30	Coachella Valley	1	878	1,387	2,565	6,021	24,417	1,299	1,931	3,409	7,174	26,212
		2	1,299	1,931	3,409	7,174	26,212					
		5	2,292	3,237	5,331	10,178	31,115					
31	East Riverside County	1	878	1,387	2,565	6,021	24,417	1,299	1,931	3,409	7,174	26,212
		2	1,299	1,931	3,409	7,174	26,212					
		5	2,292	3,237	5,331	10,178	31,115					
32	Northwest San Bernardino Valley	1	863	1,328	2,423	5,691	23,065	1,232	1,877	3,218	6,778	24,768
		2	1,232	1,877	3,218	6,778	24,768					
		5	2,193	2,978	5,188	9,611	29,410					
33	Southwest San Bernardino Valley	1	863	1,328	2,423	5,691	23,065	1,232	1,877	3,218	6,778	24,768
		2	1,232	1,877	3,218	6,778	24,768					
		5	2,193	2,978	5,188	9,611	29,410					
34	Central San Bernardino Valley	1	667	1,059	2,141	5,356	21,708	972	1,463	2,738	6,346	23,304
		2	972	1,463	2,738	6,346	23,304					

Table C-1. 2001 – 2003 Thresholds for Construction and Operation with Gradual Conversion of NOx to NO2

35	East San Bernardino Valley	5	1,746	2,396	4,142	8,532	27,680	1,174	1,712	3,029	6,375	23,294
		1	775	1,205	2,279	5,351	21,703					
		2	1,174	1,712	3,029	6,375	23,294					
		5	2,075	2,890	4,765	9,044	27,650					
		1	863	1,328	2,423	5,691	23,065					
		2	1,232	1,877	3,218	6,778	24,768					
		5	2,193	2,978	5,188	9,611	29,410					
		1	667	1,059	2,141	5,356	21,708					
		2	972	1,463	2,738	6,346	23,304					
		5	1,746	2,396	4,142	8,532	27,680					
		1	775	1,205	2,279	5,351	21,703					
		2	1,174	1,712	3,029	6,375	23,294					
5	2,075	2,890	4,765	9,044	27,650							
CO												
SRA No.	Source Receptor Area	Acres	25	50	100	200	500					
1	Central LA	1	680	882	1,259	2,406	7,911					
1	Northwest Coastal LA County	2	1,048	1,368	1,799	3,016	8,637					
3		1,319	1,689	2,209	3,526	9,313						
4		1,590	2,010	2,620	4,037	9,990						
5		1,861	2,331	3,030	4,547	10,666						
1		562	833	1,233	2,367	7,724						
2	Southwest Coastal LA County	2	827	1,213	1,695	2,961	8,446					
3		1,062	1,470	2,051	3,435	9,120						
4		1,296	1,728	2,406	3,909	9,793						
5		1,531	1,985	2,762	4,383	10,467						
3	South Coastal LA County	1	664	785	1,156	2,228	7,269					
2		967	1,158	1,597	2,783	7,950						
3		1,234	1,433	1,934	3,228	8,584						
4		1,502	1,709	2,271	3,674	9,218						
3	Southeast LA County	5	1,769	1,984	2,608	4,119	9,852					
1		585	789	1,180	2,296	7,558						
2		842	1,158	1,611	2,869	8,253						
3		1,071	1,433	1,945	3,307	8,901						
4		1,301	1,707	2,279	3,746	9,550						
4	West San Fernando Valley	5	1,530	1,982	2,613	4,184	10,198					
1		571	735	1,088	2,104	6,854						
2		861	1,082	1,496	2,625	7,500						
3		1,067	1,340	1,810	3,039	8,104						
4		1,274	1,597	2,123	3,453	8,708						
5	East San Fernando Valley	5	1,480	1,855	2,437	3,867	9,312					
1		426	652	1,089	2,096	6,815						
2		644	903	1,497	2,629	7,460						
3		815	1,114	1,811	3,043	8,064						
4		987	1,326	2,124	3,457	8,667						
6	West San Gabriel Valley	5	1,158	1,537	2,438	3,871	9,271					
1		498	732	1,158	2,227	7,267						
2		786	1,068	1,594	2,786	7,947						
3		1,002	1,336	1,929	3,230	8,581						
4		1,218	1,604	2,264	3,675	9,214						
7	East San Gabriel Valley	5	1,434	1,872	2,599	4,119	9,848					
1		535	783	1,158	2,229	7,270						
2		812	1,125	1,594	2,785	7,957						
3		1,055	1,390	1,929	3,230	8,590						
4		1,297	1,656	2,264	3,674	9,224						
8	Pomona/Walnut Valley	5	1,540	1,921	2,599	4,119	9,857					
1		623	945	1,914	4,803	20,721						
2		953	1,344	2,445	5,658	22,093						
3		1,213	1,662	2,857	6,305	23,248						
4		1,473	1,981	3,268	6,953	24,403						
9		5	1,733	2,299	3,680	7,600	25,558					
10		1	612	911	1,741	4,345	18,991					

Table C-1. 2001 – 2003 Thresholds for Construction and Operation with Gradual Conversion of NOx to NO2

10		2	885	1,358	2,298	5,097	20,256
10		3	1,112	1,625	2,762	5,735	21,321
10		4	1,339	1,891	3,227	6,373	22,385
10		5	1,566	2,158	3,691	7,011	23,450
11	South San Gabriel Valley	1	673	760	1,113	2,110	6,884
11		2	1,031	1,143	1,554	2,660	7,530
11		3	1,292	1,423	1,886	3,115	8,134
11		4	1,553	1,704	2,217	3,569	8,738
11		5	1,814	1,984	2,549	4,024	9,342
12	South Central LA County	1	231	342	632	1,545	5,452
12		2	346	515	841	1,817	5,962
12		3	441	636	1,017	2,049	6,438
12		4	535	758	1,192	2,282	6,913
12		5	630	879	1,368	2,514	7,389
13	Santa Clarita Valley	1	590	879	1,294	2,500	8,174
13		2	877	1,256	1,787	3,108	8,933
13		3	1,133	1,536	2,165	3,608	9,638
13		4	1,388	1,815	2,544	4,108	10,344
13		5	1,644	2,095	2,922	4,608	11,049
15	San Gabriel Mountains	1	590	879	1,294	2,500	8,174
15		2	877	1,256	1,787	3,108	8,933
15		3	1,133	1,536	2,165	3,608	9,638
15		4	1,388	1,815	2,544	4,108	10,344
15		5	1,644	2,095	2,922	4,608	11,049
16	North Orange County	1	522	685	1,014	1,975	6,531
16		2	762	1,010	1,395	2,444	7,121
16		3	945	1,250	1,688	2,831	7,665
16		4	1,128	1,491	1,981	3,218	8,210
16		5	1,311	1,731	2,274	3,605	8,754
17	Central Orange County	1	485	753	1,128	2,109	6,841
17		2	715	1,041	1,547	2,685	7,493
17		3	894	1,272	1,864	3,129	8,107
17		4	1,074	1,503	2,181	3,574	8,722
17		5	1,253	1,734	2,498	4,018	9,336
18	North Coastal Orange County	1	647	738	1,090	2,096	6,841
18		2	962	1,089	1,506	2,615	7,493
18		3	1,212	1,347	1,822	3,039	8,086
18		4	1,461	1,606	2,139	3,464	8,679
18		5	1,711	1,864	2,455	3,888	9,272
19	Saddleback Valley	1	696	833	1,234	2,376	7,724
19		2	993	1,227	1,696	2,965	8,454
19		3	1,263	1,519	2,052	3,439	9,138
19		4	1,534	1,810	2,407	3,913	9,823
19		5	1,804	2,102	2,763	4,387	10,507
20	Central Orange County Coastal	1	647	738	1,090	2,096	6,841
20		2	962	1,089	1,506	2,615	7,493
20		3	1,212	1,347	1,822	3,039	8,086
20		4	1,461	1,606	2,139	3,464	8,679
20		5	1,711	1,864	2,455	3,888	9,272
21	Capistrano Valley	1	696	833	1,234	2,376	7,724
21		2	993	1,227	1,696	2,965	8,454
21		3	1,263	1,519	2,052	3,439	9,138
21		4	1,534	1,810	2,407	3,913	9,823
21		5	1,804	2,102	2,763	4,387	10,507
22	Norco/Corona	1	674	999	1,853	4,352	17,637
22		2	1,007	1,474	2,461	5,183	18,934
22		3	1,238	1,806	2,962	5,905	20,119
22		4	1,469	2,138	3,463	6,628	21,305
22		5	1,700	2,470	3,964	7,350	22,490
23	Metropolitan Riverside County	1	602	887	1,746	4,359	17,640
23		2	883	1,262	2,232	5,136	18,947
23		3	1,114	1,567	2,634	4,711	20,141
23		4	1,346	1,873	3,035	4,285	21,336
23		5	1,577	2,178	3,437	3,860	22,530
24	Perris Valley	1	602	887	1,746	4,359	17,640
24		2	883	1,262	2,232	5,136	18,947
24		3	1,114	1,567	2,634	4,711	20,141
24		4	1,346	1,873	3,035	4,285	21,336
24		5	1,577	2,178	3,437	3,860	22,530

Table C-1. 2001 – 2003 Thresholds for Construction and Operation with Gradual Conversion of NOx to NO2

25	Lake Elsinore	1	750	1,105	2,176	5,501	23,866
25		2	1,100	1,572	2,781	6,399	25,412
25		3	1,388	1,953	3,281	7,115	26,693
25		4	1,677	2,333	3,782	7,831	27,975
25		5	1,965	2,714	4,282	8,547	29,256
26	Temecula Valley	1	750	1,105	2,176	5,501	23,866
26		2	1,100	1,572	2,781	6,399	25,412
26		3	1,388	1,953	3,281	7,115	26,693
26		4	1,677	2,333	3,782	7,831	27,975
26		5	1,965	2,714	4,282	8,547	29,256
27	Anza Area	1	750	1,105	2,176	5,501	23,866
27		2	1,100	1,572	2,781	6,399	25,412
27		3	1,388	1,953	3,281	7,115	26,693
27		4	1,677	2,333	3,782	7,831	27,975
27		5	1,965	2,714	4,282	8,547	29,256
28	Hemet/San Jacinto Valley	1	750	1,105	2,176	5,501	23,866
28		2	1,100	1,572	2,781	6,399	25,412
28		3	1,388	1,953	3,281	7,115	26,693
28		4	1,677	2,333	3,782	7,831	27,975
28		5	1,965	2,714	4,282	8,547	29,256
29	Banning Airport	1	1,000	1,420	2,623	6,154	25,057
29		2	1,541	2,049	3,458	7,395	26,890
29		3	1,966	2,558	4,150	8,391	28,561
29		4	2,392	3,066	4,842	9,387	30,232
29		5	2,817	3,575	5,534	10,383	31,903
30	Coachella Valley	1	878	1,387	2,565	6,021	24,417
30		2	1,299	1,931	3,409	7,174	26,212
30		3	1,630	2,366	4,050	8,175	27,846
30		4	1,961	2,802	4,690	9,177	29,481
30		5	2,292	3,237	5,331	10,178	31,115
31	East Riverside County	1	878	1,387	2,565	6,021	24,417
31		2	1,299	1,931	3,409	7,174	26,212
31		3	1,630	2,366	4,050	8,175	27,846
31		4	1,961	2,802	4,690	9,177	29,481
31		5	2,292	3,237	5,331	10,178	31,115
32	Northwest San Bernardino Valley	1	863	1,328	2,423	5,691	23,065
32		2	1,232	1,877	3,218	6,778	24,768
32		3	1,552	2,244	3,875	7,722	26,315
32		4	1,873	2,611	4,531	8,667	27,863
32		5	2,193	2,978	5,188	9,611	29,410
33	Southwest San Bernardino Valley	1	863	1,328	2,423	5,691	23,065
33		2	1,232	1,877	3,218	6,778	24,768
33		3	1,552	2,244	3,875	7,722	26,315
33		4	1,873	2,611	4,531	8,667	27,863
33		5	2,193	2,978	5,188	9,611	29,410
34	Central San Bernardino Valley	1	667	1,059	2,141	5,356	21,708
34		2	972	1,463	2,738	6,346	23,304
34		3	1,230	1,774	3,206	7,075	24,763
34		4	1,488	2,085	3,674	7,803	26,221
34		5	1,746	2,396	4,142	8,532	27,680
35	East San Bernardino Valley	1	775	1,205	2,279	5,351	21,703
35		2	1,174	1,712	3,029	6,375	23,294
35		3	1,474	2,105	3,608	7,265	24,746
35		4	1,775	2,497	4,186	8,154	26,198
35		5	2,075	2,890	4,765	9,044	27,650
36	Central San Bernardino Mountains	1	863	1,328	2,423	5,691	23,065
36		2	1,232	1,877	3,218	6,778	24,768
36		3	1,552	2,244	3,875	7,722	26,315
36		4	1,873	2,611	4,531	8,667	27,863
36		5	2,193	2,978	5,188	9,611	29,410
37	West San Bernardino Valley	1	667	1,059	2,141	5,356	21,708
37		2	972	1,463	2,738	6,346	23,304
37		3	1,230	1,774	3,206	7,075	24,763
37		4	1,488	2,085	3,674	7,803	26,221
37		5	1,746	2,396	4,142	8,532	27,680
38	East San Bernardino Mountains	1	775	1,205	2,279	5,351	21,703
38		2	1,174	1,712	3,029	6,375	23,294
38		3	1,474	2,105	3,608	7,265	24,746
38		4	1,775	2,497	4,186	8,154	26,198
38		5	2,075	2,890	4,765	9,044	27,650

Table C-1. 2001 – 2003 Thresholds for Construction and Operation with Gradual Conversion of NOx to NO2

PM10

SRA No.	Source Receptor Area	Acres	Significance Threshold of 10.4 µg/m ³ Allowable emissions (lbs/day) as a function of receptor distance (meters) from boundary of site									
			1 Acre					2 Acre				
			25	50	100	200	500	25	50	100	200	500
1	Central LA	1	5	15	33	70	179	8	25	43	80	190
		2	8	25	43	80	190					
		5	16	50	69	107	219					
2	Northwest Coastal LA County	1	4	12	27	57	146	6	19	34	64	154
		2	6	19	34	64	154					
		5	13	40	55	84	174					
3	Southwest Coastal LA County	1	5	14	28	56	140	8	23	37	65	148
		2	8	23	37	65	148					
		5	15	46	60	88	171					
4	South Coastal LA County	1	4	13	29	61	158	7	21	37	70	167
		2	7	21	37	70	167					
		5	14	42	58	92	191					
5	Southeast LA County	1	4	13	30	66	173	7	21	39	74	182
		2	7	21	39	74	182					
		5	14	42	60	95	203					
6	West San Fernando Valley	1	4	11	27	59	155	6	17	33	66	162
		2	6	17	33	66	162					
		5	11	35	51	84	181					
7	East San Fernando Valley	1	4	13	26	54	136	7	21	34	62	144
		2	7	21	34	62	144					
		5	14	42	56	84	167					
8	West San Gabriel Valley	1	4	11	27	58	152	6	19	34	66	160
		2	6	19	34	66	160					
		5	12	37	53	85	180					
9	East San Gabriel Valley	1	5	14	34	75	199	7	22	42	84	207
		2	7	22	42	84	207					
		5	14	43	63	105	229					
10	Pomona/Walnut Valley	1	4	11	26	57	148	6	18	33	64	156
		2	6	18	33	64	156					
		5	12	36	51	82	175					
11	South San Gabriel Valley	1	5	13	29	60	153	7	22	37	68	162
		2	7	22	37	68	162					
		5	14	43	59	91	186					
12	South Central LA County	1	4	12	26	54	139	7	20	34	62	146
		2	7	20	34	62	146					
		5	13	41	55	83	166					
13	Santa Clarita Valley	1	4	12	25	51	131	6	19	32	59	139
		2	6	19	32	59	139					
		5	12	38	52	79	161					

Table C-1. 2001 – 2003 Thresholds for Construction and Operation with Gradual Conversion of NOx to NO2

15	San Gabriel Mountains	1	4	12	25	51	131	6	19	32	59	139
		2	6	19	32	59	139					
		5	12	38	52	79	161					
16	North Orange County	1	4	10	24	53	137	6	17	31	60	145
		2	6	17	31	60	145					
		5	11	34	49	78	165					
17	Central Orange County	1	4	12	28	60	158	6	19	35	68	166
		2	6	19	35	68	166					
		5	13	39	55	88	188					
18	North Coastal Orange County	1	4	13	27	54	135	7	21	35	62	144
		2	7	21	35	62	144					
		5	14	44	57	85	167					
19	Saddleback Valley	1	4	11	24	48	121	6	18	30	55	129
		2	6	18	30	55	129					
		5	12	37	49	74	148					
20	Central Orange County Coastal	1	4	13	27	54	135	7	21	35	62	144
		2	7	21	35	62	144					
		5	14	44	57	85	167					
21	Capistrano Valley	1	4	11	24	48	121	6	18	30	55	129
		2	6	18	30	55	129					
		5	12	37	49	74	148					
22	Norco/Corona	1	4	11	32	73	198	6	18	39	81	206
		2	6	18	39	81	206					
		5	12	37	58	101	228					
23	Metropolitan Riverside County	1	4	12	30	67	178	7	20	38	75	186
		2	7	20	38	75	186					
		5	13	40	59	96	207					
24	Perris Valley	1	4	12	30	67	178	7	20	38	75	186
		2	7	20	38	75	186					
		5	13	40	59	96	207					
25	Lake Elsinore	1	4	12	30	67	178	7	20	38	75	186
		2	7	20	38	75	186					
		5	13	40	59	96	207					

Table C-1. 2001 – 2003 Thresholds for Construction and Operation with Gradual Conversion of NOx to NO2

26	Temecula Valley	1	4	12	30	67	178	7	20	38	75	186
		2	7	20	38	75	186					
		5	13	40	59	96	207					
27	Anza Area	1	4	12	30	67	178	7	20	38	75	186
		2	7	20	38	75	186					
		5	13	40	59	96	207					
28	Hemet/San Jacinto Valley	1	4	12	30	67	178	7	20	38	75	186
		2	7	20	38	75	186					
		5	13	40	59	96	207					
29	Banning Airport	1	6	19	55	129	348	10	32	73	157	407
		2	10	32	73	157	407					
		5	21	67	104	180	405					
30	Coachella Valley	1	4	13	35	80	214	7	22	44	89	223
		2	7	22	44	89	223					
		5	14	44	67	112	248					
31	East Riverside County	1	4	13	35	80	214	7	22	44	89	223
		2	7	22	44	89	223					
		5	14	44	67	112	248					
32	Northwest San Bernardino Valley	1	5	14	44	103	280	6	19	34	66	160
		2	6	19	34	66	160					
		5	16	50	80	140	322					
33	Southwest San Bernardino Valley	1	5	14	44	103	280	6	19	34	66	160
		2	6	19	34	66	160					
		5	16	50	80	140	322					
34	Central San Bernardino Valley	1	4	13	33	74	196	7	22	42	83	205
		2	7	22	42	83	205					

Table C-1. 2001 – 2003 Thresholds for Construction and Operation with Gradual Conversion of NOx to NO2

		5	14	44	65	106	229						
35	East San Bernardino Valley	1	4	12	36	82	220	7	21	44	90	230	
		2	7	21	44	90	230						
		5	14	42	66	113	255						
36	Central San Bernardino Mountains	1	5	14	44	103	280	6	19	34	66	160	
		2	6	19	34	66	160						
		5	16	50	80	140	322						
37	West San Bernardino Valley	1	4	13	33	74	196	7	22	42	83	205	
		2	7	22	42	83	205						
		5	14	44	65	106	229						
38	East San Bernardino Mountains	1	4	12	36	82	220	7	21	44	90	230	
		2	7	21	44	90	230						
		5	14	42	66	113	255						
PM10													
SRA No.	Source Receptor Area	Acres	25	50	100	200	500						
1	Central LA	1	5	15	33	70	179						
1		2	8	25	43	80	190						
1		3	11	33	52	89	200						
1		4	13	42	60	98	209						
1		5	16	50	69	107	219						
2	Northwest Coastal LA County	1	4	12	27	57	146						
2		2	6	19	34	64	154						
2		3	8	26	41	71	161						
2		4	11	33	48	77	167						
2		5	13	40	55	84	174						
3	Southwest Coastal LA County	1	5	14	28	56	140						
3		2	8	23	37	65	148						
3		3	10	31	45	73	156						
3		4	13	38	52	80	163						
3		5	15	46	60	88	171						
4	South Coastal LA County	1	4	13	29	61	158						
4		2	7	21	37	70	167						
4		3	9	28	44	77	175						
4		4	12	35	51	85	183						
4		5	14	42	58	92	191						
5	Southeast LA County	1	4	13	30	66	173						
5		2	7	21	39	74	182						
5		3	9	28	46	81	189						
5		4	12	35	53	88	196						
5		5	14	42	60	95	203						
6	West San Fernando Valley	1	4	11	27	59	155						
6		2	6	17	33	66	162						
6		3	8	23	39	72	168						
6		4	9	29	45	78	175						
6		5	11	35	51	84	181						
7	East San Fernando Valley	1	4	13	26	54	136						
7		2	7	21	34	62	144						
7		3	9	28	41	69	152						
7		4	12	35	49	77	159						
7		5	14	42	56	84	167						
8	West San Gabriel Valley	1	4	11	27	58	152						
8		2	6	19	34	66	160						
8		3	8	25	40	72	167						
8		4	10	31	47	79	173						
8		5	12	37	53	85	180						
9	East San Gabriel Valley	1	5	14	34	75	199						
9		2	7	22	42	84	207						
9		3	9	29	49	91	214						
9		4	12	36	56	98	222						
9		5	14	43	63	105	229						
10	Pomona/Walnut Valley	1	4	11	26	57	148						

Table C-1. 2001 – 2003 Thresholds for Construction and Operation with Gradual Conversion of NOx to NO2

10		2	6	18	33	64	156
10		3	8	24	39	70	162
10		4	10	30	45	76	169
10		5	12	36	51	82	175
11	South San Gabriel Valley	1	5	13	29	60	153
11		2	7	22	37	68	162
11		3	9	29	44	76	170
11		4	12	36	52	83	178
11		5	14	43	59	91	186
12	South Central LA County	1	4	12	26	54	139
12		2	7	20	34	62	146
12		3	9	27	41	69	153
12		4	11	34	48	76	159
12		5	13	41	55	83	166
13	Santa Clarita Valley	1	4	12	25	51	131
13		2	6	19	32	59	139
13		3	8	25	39	66	146
13		4	10	32	45	72	154
13		5	12	38	52	79	161
15	San Gabriel Mountains	1	4	12	25	51	131
15		2	6	19	32	59	139
15		3	8	25	39	66	146
15		4	10	32	45	72	154
15		5	12	38	52	79	161
16	North Orange County	1	4	10	24	53	137
16		2	6	17	31	60	145
16		3	8	23	37	66	152
16		4	9	28	43	72	158
16		5	11	34	49	78	165
17	Central Orange County	1	4	12	28	60	158
17		2	6	19	35	68	166
17		3	8	26	42	75	173
17		4	11	32	48	81	181
17		5	13	39	55	88	188
18	North Coastal Orange County	1	4	13	27	54	135
18		2	7	21	35	62	144
18		3	9	29	42	70	152
18		4	12	36	50	77	159
18		5	14	44	57	85	167
19	Saddleback Valley	1	4	11	24	48	121
19		2	6	18	30	55	129
19		3	8	24	36	61	135
19		4	10	31	43	68	142
19		5	12	37	49	74	148
20	Central Orange County Coastal	1	4	13	27	54	135
20		2	7	21	35	62	144
20		3	9	29	42	70	152
20		4	12	36	50	77	159
20		5	14	44	57	85	167
21	Capistrano Valley	1	4	11	24	48	121
21		2	6	18	30	55	129
21		3	8	24	36	61	135
21		4	10	31	43	68	142
21		5	12	37	49	74	148
22	Norco/Corona	1	4	11	32	73	198
22		2	6	18	39	81	206
22		3	8	24	45	88	213
22		4	10	31	52	94	221
22		5	12	37	58	101	228
23	Metropolitan Riverside County	1	4	12	30	67	178
23		2	7	20	38	75	186
23		3	9	27	45	82	193
23		4	11	33	52	89	200
23		5	13	40	59	96	207
24	Perris Valley	1	4	12	30	67	178
24		2	7	20	38	75	186
24		3	9	27	45	82	193
24		4	11	33	52	89	200
24		5	13	40	59	96	207

Table C-1. 2001 – 2003 Thresholds for Construction and Operation with Gradual Conversion of NOx to NO2

25	Lake Elsinore	1	4	12	30	67	178
25		2	7	20	38	75	186
25		3	9	27	45	82	193
25		4	11	33	52	89	200
25		5	13	40	59	96	207
26	Temecula Valley	1	4	12	30	67	178
26		2	7	20	38	75	186
26		3	9	27	45	82	193
26		4	11	33	52	89	200
26		5	13	40	59	96	207
27	Anza Area	1	4	12	30	67	178
27		2	7	20	38	75	186
27		3	9	27	45	82	193
27		4	11	33	52	89	200
27		5	13	40	59	96	207
28	Hemet/San Jacinto Valley	1	4	12	30	67	178
28		2	7	20	38	75	186
28		3	9	27	45	82	193
28		4	11	33	52	89	200
28		5	13	40	59	96	207
29	Banning Airport	1	6	19	55	129	348
29		2	10	32	73	157	407
29		3	14	44	83	165	406
29		4	17	55	94	172	406
29		5	21	67	104	180	405
30	Coachella Valley	1	4	13	35	80	214
30		2	7	22	44	89	223
30		3	9	29	52	97	231
30		4	12	37	59	104	240
30		5	14	44	67	112	248
31	East Riverside County	1	4	13	35	80	214
31		2	7	22	44	89	223
31		3	9	29	52	97	231
31		4	12	37	59	104	240
31		5	14	44	67	112	248
32	Northwest San Bernardino Valley	1	5	14	44	103	280
32		2	6	19	34	66	160
32		3	9	29	49	91	214
32		4	13	40	65	115	268
32		5	16	50	80	140	322
33	Southwest San Bernardino Valley	1	5	14	44	103	280
33		2	6	19	34	66	160
33		3	9	29	49	91	214
33		4	13	40	65	115	268
33		5	16	50	80	140	322
34	Central San Bernardino Valley	1	4	13	33	74	196
34		2	7	22	42	83	205
34		3	9	29	50	91	213
34		4	12	37	57	98	221
34		5	14	44	65	106	229
35	East San Bernardino Valley	1	4	12	36	82	220
35		2	7	21	44	90	230
35		3	9	28	51	98	238
35		4	12	35	59	105	247
35		5	14	42	66	113	255
36	Central San Bernardino Mountains	1	5	14	44	103	280
36		2	6	19	34	66	160
36		3	9	29	49	91	214
36		4	13	40	65	115	268
36		5	16	50	80	140	322
37	West San Bernardino Valley	1	4	13	33	74	196
37		2	7	22	42	83	205
37		3	9	29	50	91	213
37		4	12	37	57	98	221
37		5	14	44	65	106	229
38	East San Bernardino Mountains	1	4	12	36	82	220
38		2	7	21	44	90	230
38		3	9	28	51	98	238
38		4	12	35	59	105	247
38		5	14	42	66	113	255

Table C-1. 2001 – 2003 Thresholds for Construction and Operation with Gradual Conversion of NOx to NO2

PM2.5

SRA No.	Source Receptor Area	Acres	Significance Threshold of 10.4 µg/m ³ Allowable emissions (lbs/day) as a function of receptor distance (meters) from boundary of site									
			1 Acre					2 Acre				
			25	50	100	200	500	25	50	100	200	500
1	Central LA	1	3	5	10	24	102	5	7	12	28	110
		2	5	7	12	28	110					
		5	8	11	18	36	126					
2	Northwest Coastal LA County	1	3	4	8	18	77	4	5	10	21	82
		2	4	5	10	21	82					
		5	6	8	14	29	95					
3	Southwest Coastal LA County	1	3	5	9	21	75	5	7	12	25	81
		2	5	7	12	25	81					
		5	8	11	19	35	96					
4	South Coastal LA County	1	3	5	10	26	93	5	7	13	30	101
		2	5	7	13	30	101					
		5	8	10	18	39	120					
5	Southeast LA County	1	3	4	8	19	86	4	6	10	22	92
		2	4	6	10	22	92					
		5	7	10	15	30	103					
6	West San Fernando Valley	1	3	4	7	18	79	4	5	9	21	84
		2	4	5	9	21	84					
		5	6	8	13	26	96					
7	East San Fernando Valley	1	3	4	8	18	68	4	6	10	21	73
		2	4	6	10	21	73					
		5	8	10	15	28	86					
8	West San Gabriel Valley	1	3	4	7	18	77	4	5	9	21	82
		2	4	5	9	21	82					
		5	7	9	14	27	93					
9	East San Gabriel Valley	1	3	5	9	22	94	5	7	12	26	100
		2	5	7	12	26	100					
		5	8	11	17	35	116					
10	Pomona/Walnut Valley	1	3	4	7	18	75	4	6	10	21	80
		2	4	6	10	21	80					
		5	7	9	15	28	93					
11	South San Gabriel Valley	1	4	5	9	20	83	5	8	12	24	89
		2	5	8	12	24	89					
		5	9	12	19	34	104					
12	South Central LA County	1	3	4	7	17	70	4	6	9	19	74
		2	4	6	9	19	74					
		5	7	10	15	27	86					
13	Santa Clarita Valley	1	3	4	7	18	74	4	5	9	20	80
		2	4	5	9	20	80					
		5	6	8	13	26	95					

Table C-1. 2001 – 2003 Thresholds for Construction and Operation with Gradual Conversion of NOx to NO2

15	San Gabriel Mountains	1	3	4	7	18	74	4	5	9	20	80
		2	4	5	9	20	80					
		5	6	8	13	26	95					
16	North Orange County	1	3	4	9	20	74	4	6	11	24	79
		2	4	6	11	24	79					
		5	6	9	15	34	95					
17	Central Orange County	1	3	4	9	22	85	4	6	11	25	92
		2	4	6	11	25	92					
		5	7	9	15	32	109					
18	North Coastal Orange County	1	3	5	9	22	76	5	7	12	26	83
		2	5	7	12	26	83					
		5	9	11	18	35	101					
19	Saddleback Valley	1	3	4	8	19	68	4	6	10	22	74
		2	4	6	10	22	74					
		5	8	11	16	30	90					
20	Central Orange County Coastal	1	3	5	9	22	76	5	7	12	26	83
		2	5	7	12	26	83					
		5	9	11	18	35	101					
21	Capistrano Valley	1	3	4	8	19	68	4	6	10	22	74
		2	4	6	10	22	74					
		5	8	11	16	30	90					
22	Norco/Corona	1	3	5	9	22	92	5	7	12	25	98
		2	5	7	12	25	98					
		5	8	11	18	34	113					
23	Metropolitan Riverside County	1	3	4	8	20	86	4	6	10	23	91
		2	4	6	10	23	91					
		5	8	10	16	31	105					
24	Perris Valley	1	3	4	8	20	86	4	6	10	23	91
		2	4	6	10	23	91					
		5	8	10	16	31	105					
25	Lake Elsinore	1	3	4	8	20	86	4	6	10	23	91
		2	4	6	10	23	91					
		5	8	10	16	31	105					

Table C-1. 2001 – 2003 Thresholds for Construction and Operation with Gradual Conversion of NOx to NO2

26	Temecula Valley	1	3	4	8	20	86	4	6	10	23	91
		2	4	6	10	23	91					
		5	8	10	16	31	105					
27	Anza Area	1	3	4	8	20	86	4	6	10	23	91
		2	4	6	10	23	91					
		5	8	10	16	31	105					
28	Hemet/San Jacinto Valley	1	3	4	8	20	86	4	6	10	23	91
		2	4	6	10	23	91					
		5	8	10	16	31	105					
29	Banning Airport	1	4	7	14	36	156	6	9	17	41	166
		2	6	9	17	41	166					
		5	11	14	25	55	189					
30	Coachella Valley	1	3	5	10	24	105	5	7	12	28	112
		2	5	7	12	28	112					
		5	8	11	19	37	128					
31	East Riverside County	1	3	5	10	24	105	5	7	12	28	112
		2	5	7	12	28	112					
		5	8	11	19	37	128					
32	Northwest San Bernardino Valley	1	4	6	12	32	141	5	8	14	36	150
		2	5	8	14	36	150					
		5	9	12	21	45	170					
33	Southwest San Bernardino Valley	1	4	6	12	32	141	5	8	14	36	150
		2	5	8	14	36	150					
		5	9	12	21	45	170					
34	Central San Bernardino Valley	1	3	5	9	23	98	4	6	12	26	104
		2	4	6	12	26	104					

Table C-1. 2001 – 2003 Thresholds for Construction and Operation with Gradual Conversion of NOx to NO2

		5	8	10	17	35	120						
35	East San Bernardino Valley	1	4	5	10	26	112	5	7	13	30	120	
		2	5	7	13	30	120						
		5	9	12	20	40	140						
36	Central San Bernardino Mountains	1	4	6	12	32	141	5	8	14	36	150	
		2	5	8	14	36	150						
		5	9	12	21	45	170						
37	West San Bernardino Valley	1	3	5	9	23	98	4	6	12	26	104	
		2	4	6	12	26	104						
		5	8	10	17	35	120						
38	East San Bernardino Mountains	1	4	5	10	26	112	5	7	13	30	120	
		2	5	7	13	30	120						
		5	9	12	20	40	140						

PM2.5							
SRA No.	Source Receptor Area	Acres	25	50	100	200	500
1	Central LA	1	3	5	10	24	102
1		2	5	7	12	28	110
1		3	6	8	14	31	115
1		4	7	10	16	33	121
1		5	8	11	18	36	126
2	Northwest Coastal LA County	1	3	4	8	18	77
2		2	4	5	10	21	82
2		3	5	6	11	24	86
2		4	5	7	13	26	91
2		5	6	8	14	29	95
3	Southwest Coastal LA County	1	3	5	9	21	75
3		2	5	7	12	25	81
3		3	6	8	14	28	86
3		4	7	10	17	32	91
3		5	8	11	19	35	96
4	South Coastal LA County	1	3	5	10	26	93
4		2	5	7	13	30	101
4		3	6	8	15	33	107
4		4	7	9	16	36	114
4		5	8	10	18	39	120
5	Southeast LA County	1	3	4	8	19	86
5		2	4	6	10	22	92
5		3	5	7	12	25	96
5		4	6	9	13	27	99
5		5	7	10	15	30	103
6	West San Fernando Valley	1	3	4	7	18	79
6		2	4	5	9	21	84
6		3	5	6	10	23	88
6		4	5	7	12	24	92
6		5	6	8	13	26	96
7	East San Fernando Valley	1	3	4	8	18	68
7		2	4	6	10	21	73
7		3	5	7	12	23	77
7		4	7	9	13	26	82
7		5	8	10	15	28	86
8	West San Gabriel Valley	1	3	4	7	18	77
8		2	4	5	9	21	82
8		3	5	6	11	23	86
8		4	6	8	12	25	89
8		5	7	9	14	27	93
9	East San Gabriel Valley	1	3	5	9	22	94
9		2	5	7	12	26	100
9		3	6	8	14	29	105
9		4	7	10	15	32	111
9		5	8	11	17	35	116
10	Pomona/Walnut Valley	1	3	4	7	18	75

Table C-1. 2001 – 2003 Thresholds for Construction and Operation with Gradual Conversion of NOx to NO2

10		2	4	6	10	21	80
10		3	5	7	12	23	84
10		4	6	8	13	26	89
10		5	7	9	15	28	93
11	South San Gabriel Valley	1	4	5	9	20	83
11		2	5	8	12	24	89
11		3	6	9	14	27	94
11		4	8	11	17	31	99
11		5	9	12	19	34	104
12	South Central LA County	1	3	4	7	17	70
12		2	4	6	9	19	74
12		3	5	7	11	22	78
12		4	6	9	13	24	82
12		5	7	10	15	27	86
13	Santa Clarita Valley	1	3	4	7	18	74
13		2	4	5	9	20	80
13		3	5	6	10	22	85
13		4	5	7	12	24	90
13		5	6	8	13	26	95
15	San Gabriel Mountains	1	3	4	7	18	74
15		2	4	5	9	20	80
15		3	5	6	10	22	85
15		4	5	7	12	24	90
15		5	6	8	13	26	95
16	North Orange County	1	3	4	9	20	74
16		2	4	6	11	24	79
16		3	5	7	12	27	84
16		4	5	8	14	31	90
16		5	6	9	15	34	95
17	Central Orange County	1	3	4	9	22	85
17		2	4	6	11	25	92
17		3	5	7	12	27	98
17		4	6	8	14	30	103
17		5	7	9	15	32	109
18	North Coastal Orange County	1	3	5	9	22	76
18		2	5	7	12	26	83
18		3	6	8	14	29	89
18		4	8	10	16	32	95
18		5	9	11	18	35	101
19	Saddleback Valley	1	3	4	8	19	68
19		2	4	6	10	22	74
19		3	5	8	12	25	79
19		4	7	9	14	27	85
19		5	8	11	16	30	90
20	Central Orange County Coastal	1	3	5	9	22	76
20		2	5	7	12	26	83
20		3	6	8	14	29	89
20		4	8	10	16	32	95
20		5	9	11	18	35	101
21	Capistrano Valley	1	3	4	8	19	68
21		2	4	6	10	22	74
21		3	5	8	12	25	79
21		4	7	9	14	27	85
21		5	8	11	16	30	90
22	Norco/Corona	1	3	5	9	22	92
22		2	5	7	12	25	98
22		3	6	8	14	28	103
22		4	7	10	16	31	108
22		5	8	11	18	34	113
23	Metropolitan Riverside County	1	3	4	8	20	86
23		2	4	6	10	23	91
23		3	5	7	12	26	96
23		4	7	9	14	28	100
23		5	8	10	16	31	105
24	Perris Valley	1	3	4	8	20	86
24		2	4	6	10	23	91
24		3	5	7	12	26	96
24		4	7	9	14	28	100
24		5	8	10	16	31	105

Table C-1. 2001 – 2003 Thresholds for Construction and Operation with Gradual Conversion of NOx to NO2

25	Lake Elsinore	1	3	4	8	20	86
25		2	4	6	10	23	91
25		3	5	7	12	26	96
25		4	7	9	14	28	100
25		5	8	10	16	31	105
26	Temecula Valley	1	3	4	8	20	86
26		2	4	6	10	23	91
26		3	5	7	12	26	96
26		4	7	9	14	28	100
26		5	8	10	16	31	105
27	Anza Area	1	3	4	8	20	86
27		2	4	6	10	23	91
27		3	5	7	12	26	96
27		4	7	9	14	28	100
27		5	8	10	16	31	105
28	Hemet/San Jacinto Valley	1	3	4	8	20	86
28		2	4	6	10	23	91
28		3	5	7	12	26	96
28		4	7	9	14	28	100
28		5	8	10	16	31	105
29	Banning Airport	1	4	7	14	36	156
29		2	6	9	17	41	166
29		3	8	11	20	46	174
29		4	9	12	22	50	181
29		5	11	14	25	55	189
30	Coachella Valley	1	3	5	10	24	105
30		2	5	7	12	28	112
30		3	6	8	14	31	117
30		4	7	10	17	34	123
30		5	8	11	19	37	128
31	East Riverside County	1	3	5	10	24	105
31		2	5	7	12	28	112
31		3	6	8	14	31	117
31		4	7	10	17	34	123
31		5	8	11	19	37	128
32	Northwest San Bernardino Valley	1	4	6	12	32	141
32		2	5	8	14	36	150
32		3	6	9	16	39	157
32		4	8	11	19	42	163
32		5	9	12	21	45	170
33	Southwest San Bernardino Valley	1	4	6	12	32	141
33		2	5	8	14	36	150
33		3	6	9	16	39	157
33		4	8	11	19	42	163
33		5	9	12	21	45	170
34	Central San Bernardino Valley	1	3	5	9	23	98
34		2	4	6	12	26	104
34		3	5	7	14	29	109
34		4	7	9	15	32	115
34		5	8	10	17	35	120
35	East San Bernardino Valley	1	4	5	10	26	112
35		2	5	7	13	30	120
35		3	6	9	15	33	127
35		4	8	10	18	37	133
35		5	9	12	20	40	140
36	Central San Bernardino Mountains	1	4	6	12	32	141
36		2	5	8	14	36	150
36		3	6	9	16	39	157
36		4	8	11	19	42	163
36		5	9	12	21	45	170
37	West San Bernardino Valley	1	3	5	9	23	98
37		2	4	6	12	26	104
37		3	5	7	14	29	109
37		4	7	9	15	32	115
37		5	8	10	17	35	120
38	East San Bernardino Mountains	1	4	5	10	26	112
38		2	5	7	13	30	120
38		3	6	9	15	33	127
38		4	8	10	18	37	133
38		5	9	12	20	40	140

Energy Calculations

Construction-Related Fuel/Energy Usage

CONSTRUCTION WORKER COMMUTE

Year	Gas		Diesel		Electricity	
	VMT	Gallons	VMT	Gallons	VMT	kWh
2026	46,791	1,659	93	2	2,771	1,022
2027	178,570	8,130	335	15	11,349	4,240
2028	573,529	31,629	1,075	47	36,450	13,642
Total	798,890	41,418	1,503	65	50,570	18,904

CONSTRUCTION VENDOR TRIPS

Year	Gas		Diesel	
	VMT	Gallons	VMT	Gallons
2026	4,182	801	27,909	3,863
2027	3,452	657	24,059	3,296
2028	5,266	996	39,868	5,429
Total	12,900	2,454	91,836	12,588

CONSTRUCTION TRUCK HAUL TRIPS

Year	Gas		Diesel	
	VMT	Gallons	VMT	Gallons
2026	1	0	1,292	226
Total	1	0	1,292	226

**CONSTRUCTION OFF-ROAD
EQUIPMENT**

Year	Gasoline gallons	Diesel gallons
2026	0	37,891
2027	0	62,595
2028	0	27,782
Total	0	128,269

CONSTRUCTION TOTAL

Year	Gas		Diesel		Electricity	
	VMt	Gallons	VMt	Gallons	VMt	kWh
2026	50,974	2,460	29,294	41,983	2,771	1,022
2027	182,023	8,788	24,394	65,906	11,349	4,240
2028	578,795	32,625	40,943	33,259	36,450	13,642
Total	811,791	43,872	94,632	141,148	50,570	18,904

Operation-Related Vehicle Fuel/Energy Usage

PROJECT LAND USE COMMUTE

Vehicle Type	Gas		Diesel		CNG		Electricity	
	VMT	Gallons	VMT	Gallons	VMT	Gallons	VMT	kWh
Proposed Passenger Vehicles	4,751,854	175,415	195,151	16,675	5,985	788	353,383	125,328
Total	4,751,854	175,415	195,151	16,675	5,985	788	353,383	125,328

Construction Worker Trips Fuel Usage Worksheet

Note: Per CalEEMod methodology, worker vehicles are "LD_Mix", which is 50% LDA, 25% LDT1, and 25% LDT2

Activity ¹	Daily trips ^{1,2}	Trip miles ²	Trip days ²	Annual VMT
2026				
Demolition/Abatement/Turnsite/UST	13	18.5	176	42,328
Demolition Debris Haul	0	18.5	80	0
Soil Remediation Haul	0	18.5	30	0
Grading	18	18.5	22	7,326
2027				
Grading	18	18.5	68	22,644
Infrastructure	10	18.5	132	24,420
Building Construction	129	18.5	60	143,190
2028				
Building Construction	129	18.5	250	596,625
Paving	13	18.5	20	4,810
Architectural Coating	26	18.5	20	9,620

¹ Based on information provided.

² Based on CalEEMod defaults.

Year	Gasoline ¹										Diesel ¹						Electricity ¹					
	LDA VMT	LDT1 VMT	LDT2 VMT	LDA mpg	LDA gallons	LDT1 mpg	LDT1 gallons	LDT2 gallons	LDA mpg	LDA gallons	LDT1 mpg	LDT1 gallons	LDT2 gallons	LDA m/kWh	LDA kWh	LDT1 m/kWh	LDT1 kWh	LDT2 m/kWh	LDT2 kWh			
2026	24,827	12,414	12,414	31.30	712	26.09	472	25.65	475	43.60	1	23.95	0	33.36	1	2.70	923	2.78	32	2.87	66	
2027	95,127	47,564	47,564	26.51	3,203	26.15	1,802	14.89	3,126	24.84	6	33.88	0	21.03	9	2.79	3,614	2.86	154	1.78	472	
2028	305,528	152,764	152,764	26.67	10,226	15.12	10,007	13.12	11,395	34.47	34	21.11	0	17.94	33	2.86	11,327	1.78	797	1.78	1,518	

¹ EMFAC2021 v1.0.2.

Year	VMT from gasoline			VMT from diesel			VMT from electricity		
	LDA	LDT1	LDT2	LDA	LDT1	LDT2	LDA	LDT1	LDT2
2026	89.80%	99.26%	98.07%	0.17%	0.01%	0.40%	10.03%	0.73%	1.54%
2027	89.26%	99.07%	97.84%	0.15%	0.01%	0.39%	10.58%	0.93%	1.76%
2028	89.26%	99.07%	97.84%	0.15%	0.01%	0.39%	10.58%	0.93%	1.76%

Gasoline		Diesel		Electricity	
VMT	Gallons	VMT	Gallons	VMT	kWh
46,791	1,655	93	2	2,771	1,022
178,570	8,130	335	15	11,349	4,240
573,529	31,629	1,075	47	36,450	13,642
798,890	41,418	1,509	65	50,570	18,904

Truck Haul Trips Fuel Usage Worksheet

Note: Hauling vehicles are HHDT (T7)

Activity	Total Trips ¹	Mi/Trip ¹	Annual VMT
2026			
Demolition/Abatement/Turnsite/UST	0	0	0
Demolition Debris Haul	27	35	945
Soil Remediation Haul	4	35	140
Grading	9	35	315
2027			
Grading	9	0	0
Infrastructure	0	0	0
Building Construction	0	0	0
2028			
Building Construction	0	0	0
Paving	0	0	0
Architectural Coating	0	0	0

Year	VMT	Gasoline ¹		Diesel ¹	
		HHDT (T7) mpg	HHDT (T7) gallons	HHDT (T7) mpg	HHDT (T7) gallons
2026	1,400	4.43	0.14	6.19	226

Gasoline		Diesel	
VMT	Gallons	VMT	Gallons
1	0.14	1,292	226
1	0	1,292	226

¹ EMFAC2021 v1.0.1.

Year	VMT from gasoline	VMT from diesel
2026	0.04%	92.31%

Vendor Trips Fuel Usage Worksheet

Note: Based on CalEEMod methodology, vendor vehicles are 50% HHDT (T7) and 50% MHDT (T6).

Activity ¹	Daily trips ^{1,2}	Trip miles ²	Trip days ¹	Annual VMT
2026				
Demolition/Abatement/Turnsite/UST	16	10.2	176	28,723
Demolition Debris Haul	0	10.2	80	0
Soil Remediation Haul	0	10.2	30	0
Grading	26	10.2	22	5,834
2027				
Grading	26	10.2	68	18,034
Infrastructure	0	10.2	132	0
Building Construction	19	10.2	60	11,628
2028				
Building Construction	19	10.2	250	48,450
Paving	0	10.2	20	0
Architectural Coating	0	10.2	20	0

¹ Based on information provided.

² Based on CalEEMod defaults.

Year	HHDT (T7) VMT	MHDT (T6) VMT	Gasoline ¹				Diesel ¹			
			HHDT (T7) mpg	HHDT (T7) gallons	MHDT (T6) mpg	MHDT (T6) gallons	HHDT (T7) mpg	HHDT (T7) gallons	MHDT (T6) mpg	MHDT (T6) gallons
2026	17,279	17,279	4.43	2	5.23	799	6.19	2,441	9.01	1,422
2027	14,831	14,831	4.50	1	5.25	656	6.27	2,065	9.04	1,231
2028	24,225	24,225	4.57	2	5.29	994	6.36	3,462	9.08	1,967

¹ EMFAC2021 v1.0.1.

Year	VMT from gasoline		VMT from diesel	
	HHDT (T7)	MHDT (T6)	HHDT (T7)	MHDT (T6)
2026	0.04%	24.17%	87.40%	74.12%
2027	0.04%	23.24%	87.25%	74.97%
2028	0.04%	21.70%	90.86%	73.72%

VENDOR			
Gasoline		Diesel	
VMT	Gallons	VMT	Gallons
4,182.43	800.68	27,909	3,863
3,452.43	657.43	24,059	3,296
5,266	996	39,868	5,429
12,900.48	2,454.47	91,836	12,588

Off-Road Construction Equipment Fuel Usage Worksheet

Year	Total Gasoline	Total Diesel Gallons	Total Natural Gas
2026	0	37,891	0
2027	0	62,595	0
2028	0	27,782	0
Total	0	128,269	0

Equipment Type ¹	Number of Equipment ²	Horsepower	OFFROAD2017 Horsepower Category	Fuel Type	Working days ¹	Hours Per Day	Total Hours of Operation	Gasoline Gal/Hr ²	Total Gasoline gallons	Diesel Gal/Hr ²	Total Diesel gallons	Natural Gas Gal/Hr ²	Total Natural Gas gallons
2026													
Demolition/Abatement/Turnsite/UST													
Excavators	2	308	600	Diesel	176	7	2,464	0.00	0	7.16	17,649	0.00	0
Excavators	1	215	300	Diesel	176	7	1,232	0.00	0	4.49	5,535	0.00	0
Skid Steer Loaders	2	65	75	Diesel	176	7	2,464	0.00	0	1.40	3,459	0.00	0
Rough Grading													
Scrapers	4	447	600	Diesel	22	8	660	0.00	0	9.91	6,543	0.00	0
Rubber Tired Dozers	1	347	600	Diesel	22	8	165	0.00	0	6.96	1,148	0.00	0
Rubber Tired Dozers	1	405	600	Diesel	22	8	165	0.00	0	6.96	1,148	0.00	0
Graders	1	647.5	750	Diesel	22	8	165	0.00	0	14.60	2,409	0.00	0
TOTAL									0		37,891		0
2027													
Rough Grading													
Scrapers	4	447	600	Diesel	68	8	2,040	0.00	0	10.00	20,391	0.00	0
Rubber Tired Dozers	1	347	600	Diesel	68	8	510	0.00	0	7.07	3,604	0.00	0
Rubber Tired Dozers	1	405	600	Diesel	68	8	510	0.00	0	7.07	3,604	0.00	0
Graders	1	647.5	750	Diesel	68	8	510	0.00	0	14.60	7,446	0.00	0
Infrastructure													
Excavators	1	273	300	Diesel	132	8	990	0.00	0	4.49	4,450	0.00	0
Excavators	1	273	300	Diesel	132	8	990	0.00	0	4.49	4,450	0.00	0
Tractors/Loaders/Backhoes	1	249	300	Diesel	132	8	990	0.00	0	4.09	4,050	0.00	0
Tractors/Loaders/Backhoes	1	107	175	Diesel	132	8	990	0.00	0	2.38	2,353	0.00	0
Building Construction													
Trenchers	2	367	600	Diesel	60	8	960	0.00	0	10.91	10,471	0.00	0
Pumps	2	82	100	Diesel	60	8	960	0.00	0	0.00	0	0.00	0
Tractors/Loaders/Backhoes	2	93	100	Diesel	60	8	960	0.00	0	1.85	1,776	0.00	0
Tractors/Loaders/Backhoes	2	81	100	Diesel	60	8	960	0.00	0	1.85	1,776	0.00	0
TOTAL									0		62,595		0
2028													
Building Construction													
Trenchers	1	367	600	Diesel	250	8	2,000	0.00	0	10.90	21,791	0.00	0
Pumps	1	82	100	Diesel	250	8	2,000	0.00	0	0.00	0	0.00	0
Tractors/Loaders/Backhoes	1	93	100	Diesel	250	8	2,000	0.00	0	1.92	3,849	0.00	0
Tractors/Loaders/Backhoes	1	81	100	Diesel	250	8	2,000	0.00	0	1.92	3,849	0.00	0
Paving													
Pavers	1	225	300	Diesel	20	8	160	0.00	0	4.81	770	0.00	0
Rollers	3	100	100	Diesel	20	8	480	0.00	0	2.11	1,014	0.00	0
Rubber Tired Dozers	1	100	100	Diesel	20	8	160	0.00	0	2.24	358	0.00	0
Architectural Coating													
Cement and Mortar Mixers	1	10	25	Diesel	20	8	160	0.00	0	0.00	0	0.00	0
Pumps	1	37	50	Diesel	20	8	160	0.00	0	0.00	0	0.00	0
TOTAL									0		27,782		0

Notes
No data is available for the telebelt equipment used during the building construction phase so fuel usage for this equipment has been estimated using the available factors for tractors/loaders/backhoes.
¹ Based on information provided.
² OFFROAD2021 v.1.0.5

Proposed Conditions

Operational Land Use			
Vehicle type	Fleet percent	VMT	
	CalEEMod Default	CalEEMod Default	Total
LDA	49.24%	2,612,758	2,612,758
LDT1	3.93%	208,678	208,678
LDT2	23.80%	1,262,838	1,262,838
MDV	14.55%	772,190	772,190
LHD1	2.81%	148,976	148,976
LHD2	0.74%	39,458	39,458
MHD	1.56%	82,847	82,847
HHD	0.59%	31,153	31,153
OBUS	0.06%	3,172	3,172
UBUS	0.04%	1,878	1,878
MCY	2.24%	118,618	118,618
SBUS	0.10%	5,121	5,121
MH	0.35%	18,631	18,631
	100.00%	5,306,318	5,306,318

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Condo/Townhouse High Rise	1,296	1,577	1,577	502,333	13,690	16,658	16,658	5,306,318
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

PROPOSED CONDITIONS				
Vehicle type	Gas percent	Diesel percent	CNG percent	Electricity percent
LDA	88.76%	0.14%	0.00%	11.10%
LDT1	98.84%	0.00%	0.00%	1.16%
LDT2	97.61%	0.39%	0.00%	2.00%
MDV	95.84%	1.27%	0.00%	2.89%
LHD1	58.75%	36.25%	0.00%	5.00%
LHD2	33.51%	61.68%	0.00%	4.80%
MHD	21.70%	73.72%	0.90%	3.68%
HHD	0.04%	90.86%	6.69%	2.47%
OBUS	45.28%	46.28%	7.06%	2.51%
UBUS	27.57%	0.00%	72.37%	0.06%
MCY	100.00%	0.00%	0.00%	0.00%
SBUS	46.59%	20.58%	30.63%	2.19%
MH	64.69%	35.31%	0.00%	0.00%

<< Equal to T6 (<https://www.arb.ca.gov/msei/downloads/emfac2014/emfac2014-vol3-technical-documentation-052015.pdf>)

<< Equal to T7 (<https://www.arb.ca.gov/msei/downloads/emfac2014/emfac2014-vol3-technical-documentation-052015.pdf>)

<< Motor coach, all other buses, and OBUS (<https://www.arb.ca.gov/msei/downloads/emfac2014/emfac2014-vol3-technical-documentation-052015.pdf>)

PROPOSED CONDITIONS												
Vehicle type	VMT	Gasoline mpg	Gallons	VMT	Diesel mpg	Gallons	VMT	CNG mpg	Gallons	VMT	Electricity m/kWh	kWh
LDA	2,319,160	32.48	71,410	3,582	44.67	80	0	0.00	0	290,016	2.70	107,551
LDT1	206,259	26.97	7,646	7	25.99	0	0	0.00	0	2,413	2.79	866
LDT2	1,232,659	26.67	46,220	4,911	34.47	142	0	0.00	0	25,268	2.86	8,850
MDV	740,035	21.69	34,118	9,824	25.62	383	0	0.00	0	22,330	2.77	8,061
LHD1	87,521	15.12	5,787	54,010	21.11	2,558	0	0.00	0	7,444	1.78	0
LHD2	13,223	13.12	1,008	24,339	17.94	1,357	0	0.00	0	1,895	1.78	0
MHD	17,974	5.29	3,400	61,072	9.08	6,728	748	8.52	0	3,053	0.00	0
HHD	13	4.57	3	28,304	6.36	4,452	2,084	6.25	334	770	0.56	0
OBUS	1,437	5.43	265	1,468	7.97	184	224	9.34	0	80	0.00	0
UBUS	518	13.04	40	0	0.00	0	1,359	2.99	454	1	0.47	0
MCY	118,618	42.60	2,785	0	0.00	0	0	0.00	0	0	0.00	0
SBUS	2,386	9.02	264	1,054	7.49	141	1,569	4.37	0	112	0.86	0
MH	12,052	4.88	2,468	6,579	10.15	648	0	0.00	0	0	0.00	0
	4,751,854		175,415	195,151		16,675	5,985		788	353,383		125,328

EMFAC Fuel Usage: Year 2026

Vehicle type	GAS			DSL			NG			ELEC		
	VMT/day	Gallons/day	Miles/gallon	VMT/day	Gallons/day	Miles/gallon	VMT/day	Gallons/day	Miles/gallon	VMT/day	kWh/day	Miles/kWh
All other buses	0	0	0.00	5,778,666	605,890	9.54	1,601,950	175,293	9.14	0	0	0.00
LDA	14,693,475,967	469,446,420	31.30	27,885,674	639,556	43.60	0	0	0.00	1,640,661,069	608,175,930	2.70
LDT1	1,179,170,234	45,192,024	26.09	125,913	5,257	23.95	0	0	0.00	8,657,332	3,109,187	2.78
LDT2	7,602,096,204	296,395,213	25.65	30,698,068	920,235	33.36	0	0	0.00	119,040,757	41,444,505	2.87
LHD1	541,968,312	37,057,759	14.62	319,326,618	15,250,107	20.94	0	0	0.00	17,946,102	10,085,043	1.78
LHD2	80,997,975	6,368,808	12.72	138,075,351	7,789,249	17.73	0	0	0.00	4,418,664	2,485,427	1.78
MCY	114,576,755	2,699,165	42.45	0	0	0.00	0	0	0.00	0	0	0.00
MDV	4,430,521,997	212,607,275	20.84	61,507,657	2,476,478	24.84	0	0	0.00	101,561,940	36,562,660	2.78
MH	18,202,469	3,725,151	4.89	9,636,489	949,361	10.15	0	0	0.00	0	0	0.00
Motor coach	0	0	0.00	4,935,355	863,582	5.71	0	0	0.00	0	0	0.00
OBUS	11,023,612	2,081,091	5.30	0	0	0.00	0	0	0.00	239,626	250,248	0.96
PTO	0	0	0.00	14,023,741	2,764,984	5.07	0	0	0.00	285,557	591,537	0.48
SBUS	10,173,769	1,135,021	8.96	5,029,135	676,605	7.43	6,540,519	1,506,712	4.34	195,899	226,518	0.86
T6	118,350,129	22,649,986	5.23	363,024,343	40,301,729	9.01	4,191,112	493,651	8.49	6,665,407	6,992,447	0.95
T7	180,737	40,832	4.43	390,321,826	63,094,425	6.19	28,045,479	4,603,468	6.09	4,279,789	7,659,994	0.56
UBUS	13,856,970	1,135,993	12.20	0	0	0.00	36,378,248	12,216,131	2.98	25,414	54,087	0.47
Total	28,814,595,129	1,100,534,737	26.18	1,370,368,837	136,337,459	10.05	76,757,308	18,995,255	4.04	1,903,977,556	717,637,583	2.65

Source: EMFAC2021 (v1.0.2) Emissions Inventory

Region Type: Sub-Area

Region: Orange (SC)

Calendar Year: 2026

Season: Annual

Vehicle Classification: EMFAC202x Categories

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

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	Population	Total VMT	CVMT	EVMT	Trips	Fuel Consumption	Energy Consumption
Orange (SC)	2026	All Other Buses	Aggregate	Aggregate	Diesel	364.8114073	5778665.703	5778665.703	0	948071.8853	605.8900969	0
Orange (SC)	2026	All Other Buses	Aggregate	Aggregate	Natural Gas	92.91719861	1601949.96	1601949.96	0	241473.2158	175.2929507	0
Orange (SC)	2026	LDA	Aggregate	Aggregate	Gasoline	1049515.92	14427540707	14427540707	0	1699945918	460205.4939	0
Orange (SC)	2026	LDA	Aggregate	Aggregate	Diesel	2742.173139	27885673.79	27885673.79	0	3989895.508	639.5560923	0
Orange (SC)	2026	LDA	Aggregate	Aggregate	Electricity	81098.87481	1340199042	0	1340199042	138982495.1	0	517427442.8
Orange (SC)	2026	LDA	Aggregate	Aggregate	Plug-in Hybrid	35696.79687	566397286.5	265935259.8	300462026.6	51219370.51	9240.925739	9074887.24
Orange (SC)	2026	LDT1	Aggregate	Aggregate	Gasoline	95040.06341	1177116103	1177116103	0	146428499.7	45120.45791	0
Orange (SC)	2026	LDT1	Aggregate	Aggregate	Diesel	24.49979621	125912.9941	125912.9941	0	23423.49553	5.257047435	0
Orange (SC)	2026	LDT1	Aggregate	Aggregate	Electricity	361.8710153	5882191.174	0	5882191.174	613839.5659	0	2271011.277
Orange (SC)	2026	LDT1	Aggregate	Aggregate	Plug-in Hybrid	270.687928	4829272.119	2054130.938	2775141.181	388395.22	71.56598243	838175.349
Orange (SC)	2026	LDT2	Aggregate	Aggregate	Gasoline	536812.5168	7559102644	7559102644	0	874606834.6	294891.677	0
Orange (SC)	2026	LDT2	Aggregate	Aggregate	Diesel	2150.46559	30698067.92	30698067.92	0	3542454.081	920.2352206	0
Orange (SC)	2026	LDT2	Aggregate	Aggregate	Electricity	5257.386579	65323861.38	0	65323861.38	9250778.275	0	25220401.97
Orange (SC)	2026	LDT2	Aggregate	Aggregate	Plug-in Hybrid	5706.320321	96710455.56	42993560.1	53716895.45	8187685.181	1503.535682	16224103.45
Orange (SC)	2026	LHD1	Aggregate	Aggregate	Gasoline	41098.7832	541968311.9	541968311.9	0	200225576.8	37057.75938	0
Orange (SC)	2026	LHD1	Aggregate	Aggregate	Diesel	23010.07791	319326618.4	319326618.4	0	94646171.52	15250.10747	0
Orange (SC)	2026	LHD1	Aggregate	Aggregate	Electricity	815.1958673	17946102.16	0	17946102.16	3726721.515	0	10085043.32
Orange (SC)	2026	LHD2	Aggregate	Aggregate	Gasoline	6615.094062	80997974.67	80997974.67	0	32227499.72	6368.807747	0
Orange (SC)	2026	LHD2	Aggregate	Aggregate	Diesel	10012.14742	138075351.1	138075351.1	0	41182451.69	7789.248518	0
Orange (SC)	2026	LHD2	Aggregate	Aggregate	Electricity	211.0818991	4418663.747	0	4418663.747	915626.6083	0	2485426.646
Orange (SC)	2026	MCY	Aggregate	Aggregate	Gasoline	51778.70958	114576754.6	114576754.6	0	35934424.45	2699.165187	0
Orange (SC)	2026	MDV	Aggregate	Aggregate	Gasoline	326894.2358	4404505018	4404505018	0	526131789.5	211684.7702	0
Orange (SC)	2026	MDV	Aggregate	Aggregate	Diesel	4570.655518	61507656.69	61507656.69	0	7376285.194	2476.477766	0
Orange (SC)	2026	MDV	Aggregate	Aggregate	Electricity	5641.41152	70050394.64	0	70050394.64	9924769.082	0	27045233.91
Orange (SC)	2026	MDV	Aggregate	Aggregate	Plug-in Hybrid	3648.256691	57528524.71	26016979.34	31511545.36	5234682.871	922.5050569	9517425.895
Orange (SC)	2026	MH	Aggregate	Aggregate	Gasoline	5656.411647	18202469.21	18202469.21	0	185038.6467	3725.150697	0
Orange (SC)	2026	MH	Aggregate	Aggregate	Diesel	3003.794796	9636489.216	9636489.216	0	98224.08983	949.3609386	0
Orange (SC)	2026	Motor Coach	Aggregate	Aggregate	Diesel	130.9543581	4935355.444	4935355.444	0	878724.6955	863.5824522	0
Orange (SC)	2026	OBUS	Aggregate	Aggregate	Gasoline	819.5446697	11023612.01	11023612.01	0	5361966.069	2081.091226	0
Orange (SC)	2026	OBUS	Aggregate	Aggregate	Electricity	9.821208849	239625.8909	0	239625.8909	64256.39816	0	250247.9651
Orange (SC)	2026	PTO	Aggregate	Aggregate	Diesel	0	14023740.8	14023740.8	0	0	2764.984136	0
Orange (SC)	2026	PTO	Aggregate	Aggregate	Electricity	0	285557.3752	0	285557.3752	0	0	591537.4621
Orange (SC)	2026	SBUS	Aggregate	Aggregate	Gasoline	688.5633033	10173769.38	10173769.38	0	900640.8008	1135.020524	0
Orange (SC)	2026	SBUS	Aggregate	Aggregate	Diesel	756.2070806	5029135.279	5029135.279	0	3580610.278	676.6054259	0

Orange (SC)	2026 SBUS	Aggregate	Aggregate	Electricity	19.66639619	195898.6058	0	195898.6058	77029.27224	0	226517.8209
Orange (SC)	2026 SBUS	Aggregate	Aggregate	Natural Gas	808.8277787	6540519.327	6540519.327	0	3829767.179	1506.712226	0
Orange (SC)	2026 T6 CAIRP Class 4	Aggregate	Aggregate	Diesel	9.197205943	186890.0058	186890.0058	0	65941.75928	19.93013018	0
Orange (SC)	2026 T6 CAIRP Class 4	Aggregate	Aggregate	Electricity	0.197818415	4907.308828	0	4907.308828	1418.310559	0	5168.944866
Orange (SC)	2026 T6 CAIRP Class 5	Aggregate	Aggregate	Diesel	12.10786522	257017.4801	257017.4801	0	86810.48775	27.44618616	0
Orange (SC)	2026 T6 CAIRP Class 5	Aggregate	Aggregate	Electricity	0.230584554	6093.94585	0	6093.94585	1653.235915	0	6418.848136
Orange (SC)	2026 T6 CAIRP Class 6	Aggregate	Aggregate	Diesel	42.05639022	665054.1	665054.1	0	301534.2244	69.89356111	0
Orange (SC)	2026 T6 CAIRP Class 6	Aggregate	Aggregate	Electricity	1.26234416	22463.58366	0	22463.58366	9050.704663	0	23661.24275
Orange (SC)	2026 T6 CAIRP Class 7	Aggregate	Aggregate	Diesel	68.31950463	4233984.248	4233984.248	0	489834.4515	411.7944348	0
Orange (SC)	2026 T6 CAIRP Class 7	Aggregate	Aggregate	Electricity	1.139588869	75060.47795	0	75060.47795	8170.57869	0	79062.37121
Orange (SC)	2026 T6 CAIRP Class 7	Aggregate	Aggregate	Natural Gas	0.057210546	3413.694775	3413.694775	0	410.1858822	0.336772338	0
Orange (SC)	2026 T6 Instate Delivery Class 4	Aggregate	Aggregate	Diesel	2586.043416	26961030.01	26961030.01	0	11513685.94	3036.555465	0
Orange (SC)	2026 T6 Instate Delivery Class 4	Aggregate	Aggregate	Electricity	34.09877882	418640.6465	0	418640.6465	151815.947	0	438931.4483
Orange (SC)	2026 T6 Instate Delivery Class 4	Aggregate	Aggregate	Natural Gas	9.539587441	104355.2763	104355.2763	0	42472.53279	12.45816662	0
Orange (SC)	2026 T6 Instate Delivery Class 5	Aggregate	Aggregate	Diesel	2093.730466	21981208.32	21981208.32	0	9321790.532	2467.622069	0
Orange (SC)	2026 T6 Instate Delivery Class 5	Aggregate	Aggregate	Electricity	27.52549632	339775.0645	0	339775.0645	122550.1157	0	356243.3854
Orange (SC)	2026 T6 Instate Delivery Class 5	Aggregate	Aggregate	Natural Gas	6.719672057	75170.86489	75170.86489	0	29917.59272	8.886320969	0
Orange (SC)	2026 T6 Instate Delivery Class 6	Aggregate	Aggregate	Diesel	6518.815314	68050718.1	68050718.1	0	29023330.29	7672.704563	0
Orange (SC)	2026 T6 Instate Delivery Class 6	Aggregate	Aggregate	Electricity	82.57837742	999378.9423	0	999378.9423	367658.7551	0	1047817.144
Orange (SC)	2026 T6 Instate Delivery Class 6	Aggregate	Aggregate	Natural Gas	20.38516577	224230.6529	224230.6529	0	90759.65044	26.5704336	0
Orange (SC)	2026 T6 Instate Delivery Class 7	Aggregate	Aggregate	Diesel	855.101694	14379367.94	14379367.94	0	3807117.966	1556.57432	0
Orange (SC)	2026 T6 Instate Delivery Class 7	Aggregate	Aggregate	Electricity	4.444552364	67767.52535	0	67767.52535	19788.21382	0	71052.10233
Orange (SC)	2026 T6 Instate Delivery Class 7	Aggregate	Aggregate	Natural Gas	24.61893157	417914.5451	417914.5451	0	109609.3919	48.79607657	0
Orange (SC)	2026 T6 Instate Other Class 4	Aggregate	Aggregate	Diesel	2201.786653	28505109.89	28505109.89	0	7941227.955	3196.358278	0
Orange (SC)	2026 T6 Instate Other Class 4	Aggregate	Aggregate	Electricity	33.09459871	478341.0202	0	478341.0202	119362.9511	0	501544.1172
Orange (SC)	2026 T6 Instate Other Class 4	Aggregate	Aggregate	Natural Gas	7.046790801	94733.82914	94733.82914	0	25415.80132	11.20115449	0
Orange (SC)	2026 T6 Instate Other Class 5	Aggregate	Aggregate	Diesel	5208.918376	69162644.25	69162644.25	0	18787110.08	7766.55806	0
Orange (SC)	2026 T6 Instate Other Class 5	Aggregate	Aggregate	Electricity	69.73080303	1015921.775	0	1015921.775	251499.4819	0	1065201.537
Orange (SC)	2026 T6 Instate Other Class 5	Aggregate	Aggregate	Natural Gas	15.68949722	214202.8321	214202.8321	0	56587.62343	24.97155342	0
Orange (SC)	2026 T6 Instate Other Class 6	Aggregate	Aggregate	Diesel	4279.73843	56333316.85	56333316.85	0	15435818.19	6311.526908	0
Orange (SC)	2026 T6 Instate Other Class 6	Aggregate	Aggregate	Electricity	61.09648027	878143.3365	0	878143.3365	220357.8973	0	920739.8193
Orange (SC)	2026 T6 Instate Other Class 6	Aggregate	Aggregate	Natural Gas	13.69706692	184525.0175	184525.0175	0	49401.4852	21.50492849	0
Orange (SC)	2026 T6 Instate Other Class 7	Aggregate	Aggregate	Diesel	2226.508752	31346854.84	31346854.84	0	8030393.644	3450.36486	0
Orange (SC)	2026 T6 Instate Other Class 7	Aggregate	Aggregate	Electricity	22.49766136	475852.4637	0	475852.4637	81142.76519	0	498934.8472
Orange (SC)	2026 T6 Instate Other Class 7	Aggregate	Aggregate	Natural Gas	57.45540403	813695.504	813695.504	0	207225.5548	96.17543546	0
Orange (SC)	2026 T6 Instate Tractor Class 6	Aggregate	Aggregate	Diesel	32.60112683	514046.4845	514046.4845	0	117583.1362	56.56979175	0
Orange (SC)	2026 T6 Instate Tractor Class 6	Aggregate	Aggregate	Electricity	0.414170629	8009.383503	0	8009.383503	1493.797491	0	8397.898171
Orange (SC)	2026 T6 Instate Tractor Class 6	Aggregate	Aggregate	Natural Gas	0.103926738	1756.020044	1756.020044	0	374.8346443	0.198536238	0
Orange (SC)	2026 T6 Instate Tractor Class 7	Aggregate	Aggregate	Diesel	1359.903966	25485600.29	25485600.29	0	4904792.831	2616.968387	0
Orange (SC)	2026 T6 Instate Tractor Class 7	Aggregate	Aggregate	Electricity	9.620207738	238719.8778	0	238719.8778	34697.39565	0	250299.5673
Orange (SC)	2026 T6 Instate Tractor Class 7	Aggregate	Aggregate	Natural Gas	32.43592152	610950.2613	610950.2613	0	116987.2868	69.6397554	0
Orange (SC)	2026 T6 OOS Class 4	Aggregate	Aggregate	Diesel	5.515292358	111413.0558	111413.0558	0	39543.32254	11.66686169	0
Orange (SC)	2026 T6 OOS Class 5	Aggregate	Aggregate	Diesel	7.222760049	152838.6778	152838.6778	0	51785.45609	16.04947754	0
Orange (SC)	2026 T6 OOS Class 6	Aggregate	Aggregate	Diesel	25.33880455	399371.8379	399371.8379	0	181673.1473	41.01509187	0
Orange (SC)	2026 T6 OOS Class 7	Aggregate	Aggregate	Diesel	37.29136542	2903929.876	2903929.876	0	267370.1401	279.5411715	0
Orange (SC)	2026 T6 Public Class 4	Aggregate	Aggregate	Diesel	127.6407249	1392159.427	1392159.427	0	204296.6386	161.659474	0
Orange (SC)	2026 T6 Public Class 4	Aggregate	Aggregate	Electricity	2.108041319	28407.66931	0	28407.66931	3374.046613	0	29880.28233
Orange (SC)	2026 T6 Public Class 4	Aggregate	Aggregate	Natural Gas	17.05443762	214201.3231	214201.3231	0	27296.65068	26.19130258	0
Orange (SC)	2026 T6 Public Class 5	Aggregate	Aggregate	Diesel	114.2331315	1280770.137	1280770.137	0	182836.9809	147.2332671	0
Orange (SC)	2026 T6 Public Class 5	Aggregate	Aggregate	Electricity	1.823513214	24495.46586	0	24495.46586	2918.642309	0	25765.27584
Orange (SC)	2026 T6 Public Class 5	Aggregate	Aggregate	Natural Gas	22.69319145	280026.8695	280026.8695	0	36321.8145	34.09373515	0
Orange (SC)	2026 T6 Public Class 6	Aggregate	Aggregate	Diesel	189.2070522	2094036.234	2094036.234	0	302837.2394	243.5656759	0
Orange (SC)	2026 T6 Public Class 6	Aggregate	Aggregate	Electricity	3.314560272	43187.59331	0	43187.59331	5305.152589	0	45426.37649
Orange (SC)	2026 T6 Public Class 6	Aggregate	Aggregate	Natural Gas	26.7294115	331954.0264	331954.0264	0	42782.02688	40.51918103	0
Orange (SC)	2026 T6 Public Class 7	Aggregate	Aggregate	Diesel	334.6062925	4694993.75	4694993.75	0	535557.4475	533.0769949	0
Orange (SC)	2026 T6 Public Class 7	Aggregate	Aggregate	Electricity	5.911771415	116182.9362	0	116182.9362	9462.144856	0	122205.6937
Orange (SC)	2026 T6 Public Class 7	Aggregate	Aggregate	Natural Gas	36.9534519	606548.9745	606548.9745	0	59146.21697	70.60719132	0
Orange (SC)	2026 T6 Utility Class 5	Aggregate	Aggregate	Diesel	106.0095624	1333463.42	1333463.42	0	423359.7884	141.8708851	0
Orange (SC)	2026 T6 Utility Class 5	Aggregate	Aggregate	Electricity	3.059997766	41424.49746	0	41424.49746	12220.40708	0	43571.88427
Orange (SC)	2026 T6 Utility Class 5	Aggregate	Aggregate	Natural Gas	0.619794839	7693.047363	7693.047363	0	2475.212671	0.860416699	0
Orange (SC)	2026 T6 Utility Class 6	Aggregate	Aggregate	Diesel	20.02556311	251032.0447	251032.0447	0	79974.08882	26.60356184	0
Orange (SC)	2026 T6 Utility Class 6	Aggregate	Aggregate	Electricity	0.584488904	7912.729244	0	7912.729244	2334.214887	0	8322.913831
Orange (SC)	2026 T6 Utility Class 6	Aggregate	Aggregate	Natural Gas	0.194604931	2335.041327	2335.041327	0	777.1742543	0.262423103	0
Orange (SC)	2026 T6 Utility Class 7	Aggregate	Aggregate	Diesel	22.51661068	347491.6843	347491.6843	0	89922.33642	36.57915853	0
Orange (SC)	2026 T6 Utility Class 7	Aggregate	Aggregate	Electricity	0.666881285	12631.18976	0	12631.18976	2663.257101	0	13285.9726
Orange (SC)	2026 T6 Utility Class 7	Aggregate	Aggregate	Natural Gas	0.250752597	3404.140066	3404.140066	0	1001.405573	0.377473657	0
Orange (SC)	2026 T6TS	Aggregate	Aggregate	Gasoline	7090.881325	118350128.8	118350128.8	0	46392913.61	22649.98553	0

Orange (SC)	2026 T6TS	Aggregate	Aggregate	Electricity	50.88473986	1362089.934	0	1362089.934	332919.3132	0	1430515.727
Orange (SC)	2026 T7 CAIRP Class 8	Aggregate	Aggregate	Diesel	1114.634198	70657748.86	70657748.86	0	7991659.685	11067.69803	0
Orange (SC)	2026 T7 CAIRP Class 8	Aggregate	Aggregate	Electricity	23.50576537	1474074.983	0	1474074.983	168530.6963	0	2640526.859
Orange (SC)	2026 T7 CAIRP Class 8	Aggregate	Aggregate	Natural Gas	4.478118547	280836.0794	280836.0794	0	32107.03524	49.11166241	0
Orange (SC)	2026 T7 NNOOS Class 8	Aggregate	Aggregate	Diesel	1013.571423	85813329.61	85813329.61	0	7267063.844	12941.98622	0
Orange (SC)	2026 T7 NNOOS Class 8	Aggregate	Aggregate	Diesel	432.115432	31158908.16	31158908.16	0	3098163.94	4840.689276	0
Orange (SC)	2026 T7 POLA Class 8	Aggregate	Aggregate	Diesel	1549.248632	61199099.18	61199099.18	0	7907860.779	10220.6246	0
Orange (SC)	2026 T7 POLA Class 8	Aggregate	Aggregate	Electricity	6.120626687	211595.2061	0	211595.2061	31241.63721	0	378821.7124
Orange (SC)	2026 T7 POLA Class 8	Aggregate	Aggregate	Natural Gas	17.88459274	700833.203	700833.203	0	91288.68441	119.9353699	0
Orange (SC)	2026 T7 Public Class 8	Aggregate	Aggregate	Diesel	742.6363792	9359218.379	9359218.379	0	1188634.083	1611.831627	0
Orange (SC)	2026 T7 Public Class 8	Aggregate	Aggregate	Electricity	12.26566289	241538.2332	0	241538.2332	19631.9294	0	432180.3269
Orange (SC)	2026 T7 Public Class 8	Aggregate	Aggregate	Natural Gas	279.7460288	4350451.338	4350451.338	0	447750.3038	701.6093079	0
Orange (SC)	2026 T7 Single Concrete/Transit Mix CI	Aggregate	Aggregate	Diesel	284.5974388	6089548.608	6089548.608	0	836443.2564	983.8613085	0
Orange (SC)	2026 T7 Single Concrete/Transit Mix CI	Aggregate	Aggregate	Electricity	8.606968028	217873.4124	0	217873.4124	25296.22331	0	389680.6719
Orange (SC)	2026 T7 Single Concrete/Transit Mix CI	Aggregate	Aggregate	Natural Gas	18.6356686	414892.0111	414892.0111	0	54770.97543	67.42402312	0
Orange (SC)	2026 T7 Single Dump Class 8	Aggregate	Aggregate	Diesel	1055.257696	18723579.95	18723579.95	0	3101444.579	3137.183839	0
Orange (SC)	2026 T7 Single Dump Class 8	Aggregate	Aggregate	Electricity	13.02789238	330542.9859	0	330542.9859	38289.49683	0	591197.4821
Orange (SC)	2026 T7 Single Dump Class 8	Aggregate	Aggregate	Natural Gas	78.83107725	1496746.152	1496746.152	0	231687.6893	261.1354297	0
Orange (SC)	2026 T7 Single Other Class 8	Aggregate	Aggregate	Diesel	2477.30808	40607366.81	40607366.81	0	7280907.539	6664.036073	0
Orange (SC)	2026 T7 Single Other Class 8	Aggregate	Aggregate	Electricity	42.06767996	889707.6216	0	889707.6216	123638.5941	0	1591299.553
Orange (SC)	2026 T7 Single Other Class 8	Aggregate	Aggregate	Natural Gas	192.541744	3294228.226	3294228.226	0	565887.8874	562.3219897	0
Orange (SC)	2026 T7 SWCV Class 8	Aggregate	Aggregate	Diesel	220.5038576	4467214.506	4467214.506	0	316467.1364	1660.808091	0
Orange (SC)	2026 T7 SWCV Class 8	Aggregate	Aggregate	Electricity	12.47925415	241072.1641	0	241072.1641	17910.22556	0	430557.1368
Orange (SC)	2026 T7 SWCV Class 8	Aggregate	Aggregate	Natural Gas	766.5704393	15476371.56	15476371.56	0	1100181.894	2479.341167	0
Orange (SC)	2026 T7 Tractor Class 8	Aggregate	Aggregate	Diesel	2718.928123	61169824.11	61169824.11	0	12325879.99	9793.003762	0
Orange (SC)	2026 T7 Tractor Class 8	Aggregate	Aggregate	Electricity	25.87760544	653890.895	0	653890.895	117312.5014	0	1170857.085
Orange (SC)	2026 T7 Tractor Class 8	Aggregate	Aggregate	Natural Gas	89.20321661	2031120.35	2031120.35	0	404390.2941	362.5892807	0
Orange (SC)	2026 T7 Utility Class 8	Aggregate	Aggregate	Diesel	79.39724546	1075988.243	1075988.243	0	317080.8395	172.7024044	0
Orange (SC)	2026 T7 Utility Class 8	Aggregate	Aggregate	Electricity	0.801111883	15714.78616	0	15714.78616	3199.320415	0	28118.20443
Orange (SC)	2026 T7IS	Aggregate	Aggregate	Gasoline	5.642094151	180736.7049	180736.7049	0	36914.05547	40.83151741	0
Orange (SC)	2026 T7IS	Aggregate	Aggregate	Electricity	0.044825649	3778.812386	0	3778.812386	293.2770067	0	6754.487038
Orange (SC)	2026 UBUS	Aggregate	Aggregate	Gasoline	256.8740368	13856970.44	13856970.44	0	335991.2401	1135.993315	0
Orange (SC)	2026 UBUS	Aggregate	Aggregate	Electricity	4.037405551	25414.45858	0	25414.45858	5280.926461	0	54087.00634
Orange (SC)	2026 UBUS	Aggregate	Aggregate	Natural Gas	578.8563618	36378247.96	36378247.96	0	757144.1212	12216.1306	0

Vehicle type	GAS			DSL			NG			ELEC		
	VMT/day	Gallons/day	Miles/gallon	VMT/day	Gallons/day	Miles/gallon	VMT/day	Gallons/day	Miles/gallon	VMT/day	kWh/day	Miles/kWh
All other buses	0	0	0.00	5,793,672	598,709	9.68	1,627,254	176,191	9.24	0	0	0.00
LDA	14,637,568,899	459,203,041	31.88	25,096,507	569,895	44.04	0	0	0.00	1,735,726,704	643,514,632	2.70
LDT1	1,165,625,028	43,962,544	26.51	62,874	2,532	24.84	0	0	0.00	10,907,493	3,914,502	2.79
LDT2	7,688,359,565	293,965,609	26.15	30,849,624	910,636	33.88	0	0	0.00	138,611,881	48,410,565	2.86
LHD1	538,777,359	36,189,256	14.89	325,381,919	15,473,764	21.03	0	0	0.00	29,763,082	16,752,296	1.78
LHD2	79,860,820	6,177,798	12.93	141,785,670	7,950,033	17.83	0	0	0.00	7,354,643	4,142,724	1.78
MCY	115,951,351	2,728,983	42.49	0	0	0.00	0	0	0.00	0	0	0.00
MDV	4,453,516,944	209,522,793	21.26	60,488,859	2,401,270	25.19	0	0	0.00	118,275,685	42,641,839	2.77
MH	17,832,406	3,652,928	4.88	9,593,473	944,893	10.15	0	0	0.00	0	0	0.00
Motor coach	0	0	0.00	4,963,573	857,195	5.79	0	0	0.00	0	0	0.00
OBUS	10,671,989	1,986,027	5.37	0	0	0.00	0	0	0.00	377,510	393,495	0.96
PTO	0	0	0.00	14,005,837	2,728,513	5.13	0	0	0.00	462,490	958,056	0.48
SBUS	10,284,257	1,143,661	8.99	4,805,005	643,887	7.46	6,690,426	1,534,975	4.36	312,645	361,512	0.86
T6	112,449,724	21,407,127	5.25	362,788,382	40,151,988	9.04	4,320,938	507,208	8.52	11,173,514	11,737,934	0.95
T7	179,119	39,816	4.50	394,431,483	62,953,272	6.27	28,733,685	4,645,547	6.19	6,905,808	12,381,213	0.56
UBUS	13,884,827	1,064,851	13.04	0	0	0.00	36,450,613	12,230,377	2.98	26,232	55,809	0.47
Total	28,844,962,290	1,081,044,433	26.68	1,380,046,879	136,186,585	10.13	77,822,916	19,094,297	4.08	2,059,897,687	785,264,577	2.62

Source: EMFAC2021 (v1.0.2) Emissions Inventory

Region Type: Sub-Area

Region: Orange (SC)

Calendar Year: 2027

Season: Annual

Vehicle Classification: EMFAC202x Categories

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

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	Population	Total VMT	CVMT	EVMT	Trips	Fuel Consumption	Energy Consumption
Orange (SC)	2027	All Other Buses	Aggregate	Aggregate	Diesel	371.6890688	5793672.239	5793672.239	5793672.239	0	965945.552	598.7089101
Orange (SC)	2027	All Other Buses	Aggregate	Aggregate	Natural Gas	96.22385011	1627253.922	1627253.922	1627253.922	0	250066.5417	176.1906952
Orange (SC)	2027	LDA	Aggregate	Aggregate	Gasoline	1043775.809	14366554455	14366554455	14366554455	0	1690671433	449765.6728
Orange (SC)	2027	LDA	Aggregate	Aggregate	Diesel	2455.862765	25096507.07	25096507.07	25096507.07	0	3587184.897	569.8945405
Orange (SC)	2027	LDA	Aggregate	Aggregate	Electricity	86904.1211	1419031069	1419031069	1419031069	1419031069	148318715.7	0
Orange (SC)	2027	LDA	Aggregate	Aggregate	Plug-in Hybrid	37476.38962	587710079.4	587710079.4	271014444.4	316695635	53772810.27	9437.368291
Orange (SC)	2027	LDT1	Aggregate	Aggregate	Gasoline	93827.3378	1163063801	1163063801	1163063801	0	144533263.1	43873.13762
Orange (SC)	2027	LDT1	Aggregate	Aggregate	Diesel	11.77289151	62874.22025	62874.22025	62874.22025	0	11399.82042	2.531551723
Orange (SC)	2027	LDT1	Aggregate	Aggregate	Electricity	446.5153511	7377675.194	7377675.194	7377675.194	7377675.194	761782.3339	0
Orange (SC)	2027	LDT1	Aggregate	Aggregate	Plug-in Hybrid	345.6382808	6091045.589	6091045.589	2561227.297	3529818.292	495937.359	89.40630797
Orange (SC)	2027	LDT2	Aggregate	Aggregate	Gasoline	543469.3082	7640990252	7640990252	7640990252	0	884698791.8	292305.4074
Orange (SC)	2027	LDT2	Aggregate	Aggregate	Diesel	2178.395085	30849624.48	30849624.48	30849624.48	0	3577521.514	910.6360006
Orange (SC)	2027	LDT2	Aggregate	Aggregate	Electricity	6350.417939	77875470.37	77875470.37	77875470.37	77875470.37	11125669.27	0
Orange (SC)	2027	LDT2	Aggregate	Aggregate	Plug-in Hybrid	6479.43822	108105723.9	108105723.9	47369312.76	60736411.12	9296989.533	1660.201601
Orange (SC)	2027	LHD1	Aggregate	Aggregate	Gasoline	40902.86203	538777359.5	538777359.5	538777359.5	0	199271085.5	36189.25551
Orange (SC)	2027	LHD1	Aggregate	Aggregate	Diesel	23584.12171	325381918.6	325381918.6	325381918.6	0	97007356.42	15473.76368
Orange (SC)	2027	LHD1	Aggregate	Aggregate	Electricity	1389.11065	29763081.76	29763081.76	29763081.76	29763081.76	6349698.959	0
Orange (SC)	2027	LHD2	Aggregate	Aggregate	Gasoline	6543.090594	79860820.09	79860820.09	79860820.09	0	31876712.31	6177.798241
Orange (SC)	2027	LHD2	Aggregate	Aggregate	Diesel	10371.194	141785670.3	141785670.3	141785670.3	0	42659299.56	7950.033304
Orange (SC)	2027	LHD2	Aggregate	Aggregate	Electricity	360.8389761	7354642.935	7354642.935	7354642.935	7354642.935	1565154.812	0
Orange (SC)	2027	MCY	Aggregate	Aggregate	Gasoline	52507.36673	115951351.2	115951351.2	115951351.2	0	36440112.51	2728.982541
Orange (SC)	2027	MDV	Aggregate	Aggregate	Gasoline	328296.2492	442471562	442471562	442471562	0	528201467.5	208501.4282
Orange (SC)	2027	MDV	Aggregate	Aggregate	Diesel	4528.513812	60488859.41	60488859.41	60488859.41	0	7284182.844	2401.269504
Orange (SC)	2027	MDV	Aggregate	Aggregate	Electricity	6724.905683	82318049.16	82318049.16	82318049.16	82318049.16	11775339.01	0
Orange (SC)	2027	MDV	Aggregate	Aggregate	Plug-in Hybrid	4138.74125	64703018.28	64703018.28	28745382.03	35957636.25	5938452.19	1021.364342
Orange (SC)	2027	MH	Aggregate	Aggregate	Gasoline	5494.773608	17832406.03	17832406.03	17832406.03	0	179750.9686	3652.927793
Orange (SC)	2027	MH	Aggregate	Aggregate	Diesel	3015.208329	9593472.674	9593472.674	9593472.674	0	98597.31237	944.8928934
Orange (SC)	2027	Motor Coach	Aggregate	Aggregate	Diesel	135.9850046	4963573.088	4963573.088	4963573.088	0	912481.1385	857.1952688
Orange (SC)	2027	OBUS	Aggregate	Aggregate	Gasoline	799.5744215	10671989.18	10671989.18	10671989.18	0	5231308.403	1986.027209
Orange (SC)	2027	OBUS	Aggregate	Aggregate	Electricity	15.63862172	377509.5672	377509.5672	377509.5672	377509.5672	102317.4967	0
Orange (SC)	2027	PTO	Aggregate	Aggregate	Diesel	0	14005836.8	14005836.8	14005836.8	0	0	2728.512692
Orange (SC)	2027	PTO	Aggregate	Aggregate	Electricity	0	462489.5328	462489.5328	462489.5328	462489.5328	0	0
Orange (SC)	2027	SBUS	Aggregate	Aggregate	Gasoline	695.8799126	10284257.45	10284257.45	10284257.45	0	910210.9257	1143.661126

Orange (SC)	2027 SBUS	Aggregate	Aggregate	Diesel	723.187469	4805004.883	4805004.883	0	3424263.738	643.8868326	0
Orange (SC)	2027 SBUS	Aggregate	Aggregate	Electricity	31.29977754	312644.8282	0	312644.8282	122256.3239	0	361511.6346
Orange (SC)	2027 SBUS	Aggregate	Aggregate	Natural Gas	836.1689696	6690425.97	6690425.97	0	3959226.624	1534.975363	0
Orange (SC)	2027 T6 CAIRP Class 4	Aggregate	Aggregate	Diesel	9.175583402	185766.778	185766.778	0	65786.73085	19.69303362	0
Orange (SC)	2027 T6 CAIRP Class 4	Aggregate	Aggregate	Electricity	0.32008698	7916.945396	0	7916.945396	2294.946828	0	8346.699205
Orange (SC)	2027 T6 CAIRP Class 5	Aggregate	Aggregate	Diesel	12.0067881	255721.196	255721.196	0	86085.78908	27.16439607	0
Orange (SC)	2027 T6 CAIRP Class 5	Aggregate	Aggregate	Electricity	0.375892642	9978.043556	0	9978.043556	2695.060031	0	10519.6795
Orange (SC)	2027 T6 CAIRP Class 6	Aggregate	Aggregate	Diesel	42.80714032	659528.1348	659528.1348	0	306916.9224	68.95550013	0
Orange (SC)	2027 T6 CAIRP Class 6	Aggregate	Aggregate	Electricity	1.999073355	34751.57981	0	34751.57981	14332.87618	0	36637.99218
Orange (SC)	2027 T6 CAIRP Class 7	Aggregate	Aggregate	Diesel	68.80760981	4228387.195	4228387.195	0	493334.0485	406.431797	0
Orange (SC)	2027 T6 CAIRP Class 7	Aggregate	Aggregate	Electricity	1.8586368	123194.3491	0	123194.3491	13325.97978	0	129881.6809
Orange (SC)	2027 T6 CAIRP Class 7	Aggregate	Aggregate	Natural Gas	0.055473451	3291.752919	3291.752919	0	397.7313271	0.322383354	0
Orange (SC)	2027 T6 Instate Delivery Class 4 Aggregate	Aggregate	Aggregate	Diesel	2601.678175	26938378.45	26938378.45	0	11583295.64	3024.301241	0
Orange (SC)	2027 T6 Instate Delivery Class 4 Aggregate	Aggregate	Aggregate	Electricity	57.57364946	704132.0439	0	704132.0439	256331.7051	0	739325.0341
Orange (SC)	2027 T6 Instate Delivery Class 4 Aggregate	Aggregate	Aggregate	Natural Gas	10.21426031	111832.6042	111832.6042	0	45476.33831	13.25880406	0
Orange (SC)	2027 T6 Instate Delivery Class 5 Aggregate	Aggregate	Aggregate	Diesel	2109.043101	21965591.09	21965591.09	0	9389966.054	2458.516454	0
Orange (SC)	2027 T6 Instate Delivery Class 5 Aggregate	Aggregate	Aggregate	Electricity	46.32942023	568953.2813	0	568953.2813	206269.6979	0	597389.9466
Orange (SC)	2027 T6 Instate Delivery Class 5 Aggregate	Aggregate	Aggregate	Natural Gas	7.323971484	81885.65228	81885.65228	0	32608.0788	9.619591516	0
Orange (SC)	2027 T6 Instate Delivery Class 6 Aggregate	Aggregate	Aggregate	Diesel	6566.317418	68006962.22	68006962.22	0	29234821.06	7644.271248	0
Orange (SC)	2027 T6 Instate Delivery Class 6 Aggregate	Aggregate	Aggregate	Electricity	141.1433355	1704121.528	0	1704121.528	628404.0039	0	1789294.661
Orange (SC)	2027 T6 Instate Delivery Class 6 Aggregate	Aggregate	Aggregate	Natural Gas	22.15866965	244586.639	244586.639	0	98655.71538	28.7809077	0
Orange (SC)	2027 T6 Instate Delivery Class 7 Aggregate	Aggregate	Aggregate	Diesel	877.3483334	14478353.47	14478353.47	0	3906165.344	1570.190885	0
Orange (SC)	2027 T6 Instate Delivery Class 7 Aggregate	Aggregate	Aggregate	Electricity	7.435202966	113583.5525	0	113583.5525	33103.30806	0	119260.5343
Orange (SC)	2027 T6 Instate Delivery Class 7 Aggregate	Aggregate	Aggregate	Natural Gas	25.15643864	419317.1203	419317.1203	0	112002.5024	48.81811139	0
Orange (SC)	2027 T6 Instate Other Class 4	Aggregate	Aggregate	Diesel	2218.711066	28432507.54	28432507.54	0	8002269.575	3177.408478	0
Orange (SC)	2027 T6 Instate Other Class 4	Aggregate	Aggregate	Electricity	57.08537977	827013.1393	0	827013.1393	205890.9809	0	868385.5084
Orange (SC)	2027 T6 Instate Other Class 4	Aggregate	Aggregate	Natural Gas	7.770947639	104660.4632	104660.4632	0	28027.63227	12.24707258	0
Orange (SC)	2027 T6 Instate Other Class 5	Aggregate	Aggregate	Diesel	5279.223956	69041645.58	69041645.58	0	19040682.63	7728.070613	0
Orange (SC)	2027 T6 Instate Other Class 5	Aggregate	Aggregate	Electricity	123.5178052	1805651.208	0	1805651.208	445494.1383	0	1895981.174
Orange (SC)	2027 T6 Instate Other Class 5	Aggregate	Aggregate	Natural Gas	17.40031892	237815.1149	237815.1149	0	62758.07824	27.48452485	0
Orange (SC)	2027 T6 Instate Other Class 6	Aggregate	Aggregate	Diesel	4327.921205	56224083.3	56224083.3	0	15609599.97	6278.833329	0
Orange (SC)	2027 T6 Instate Other Class 6	Aggregate	Aggregate	Electricity	106.244464	1533355.573	0	1533355.573	383194.0331	0	1610063.608
Orange (SC)	2027 T6 Instate Other Class 6	Aggregate	Aggregate	Natural Gas	15.05338965	203060.4329	203060.4329	0	54293.36152	23.46431541	0
Orange (SC)	2027 T6 Instate Other Class 7	Aggregate	Aggregate	Diesel	2308.814895	31391455.04	31391455.04	0	8327248.857	3452.898135	0
Orange (SC)	2027 T6 Instate Other Class 7	Aggregate	Aggregate	Electricity	36.14349322	756463.5591	0	756463.5591	130359.4599	0	794306.597
Orange (SC)	2027 T6 Instate Other Class 7	Aggregate	Aggregate	Natural Gas	59.44466495	809477.2168	809477.2168	0	214400.262	95.52456589	0
Orange (SC)	2027 T6 Instate Tractor Class 6	Aggregate	Aggregate	Diesel	33.04945633	511395.1463	511395.1463	0	119200.1351	56.07512549	0
Orange (SC)	2027 T6 Instate Tractor Class 6	Aggregate	Aggregate	Electricity	0.776229385	15596.4328	0	15596.4328	2799.642046	0	16376.66391
Orange (SC)	2027 T6 Instate Tractor Class 6	Aggregate	Aggregate	Natural Gas	0.115382163	1972.223274	1972.223274	0	416.1511566	0.220746949	0
Orange (SC)	2027 T6 Instate Tractor Class 7	Aggregate	Aggregate	Diesel	1410.649895	25600260.86	25600260.86	0	5087819.188	2624.016484	0
Orange (SC)	2027 T6 Instate Tractor Class 7	Aggregate	Aggregate	Electricity	15.24615463	381899.2066	0	381899.2066	54988.61082	0	401004.1932
Orange (SC)	2027 T6 Instate Tractor Class 7	Aggregate	Aggregate	Natural Gas	33.61023359	612129.0305	612129.0305	0	121222.7017	69.52697995	0
Orange (SC)	2027 T6 OOS Class 4	Aggregate	Aggregate	Diesel	5.57415337	112508.8509	112508.8509	0	39965.34186	11.61776755	0
Orange (SC)	2027 T6 OOS Class 5	Aggregate	Aggregate	Diesel	7.248075821	154341.9117	154341.9117	0	51966.9641	15.99858767	0
Orange (SC)	2027 T6 OOS Class 6	Aggregate	Aggregate	Diesel	26.20285218	403299.8311	403299.8311	0	187868.1614	40.83711882	0
Orange (SC)	2027 T6 OOS Class 7	Aggregate	Aggregate	Diesel	37.60108619	2932491.271	2932491.271	0	269590.7637	277.858452	0
Orange (SC)	2027 T6 Public Class 4	Aggregate	Aggregate	Diesel	125.4271432	1379449.192	1379449.192	0	200753.6683	159.3050566	0
Orange (SC)	2027 T6 Public Class 4	Aggregate	Aggregate	Electricity	3.260675774	43882.60824	0	43882.60824	5218.907217	0	46215.62823
Orange (SC)	2027 T6 Public Class 4	Aggregate	Aggregate	Natural Gas	17.73561193	220365.1871	220365.1871	0	28386.91103	26.8841486	0
Orange (SC)	2027 T6 Public Class 5	Aggregate	Aggregate	Diesel	113.5137448	1272148.412	1272148.412	0	181685.5594	145.7105107	0
Orange (SC)	2027 T6 Public Class 5	Aggregate	Aggregate	Electricity	2.97945682	39983.88155	0	39983.88155	4768.781581	0	42109.62564
Orange (SC)	2027 T6 Public Class 5	Aggregate	Aggregate	Natural Gas	23.17762925	281818.5257	281818.5257	0	37097.18627	34.27822443	0
Orange (SC)	2027 T6 Public Class 6	Aggregate	Aggregate	Diesel	185.7897506	2072984.465	2072984.465	0	297367.6432	239.5676302	0
Orange (SC)	2027 T6 Public Class 6	Aggregate	Aggregate	Electricity	5.229640019	68194.25815	0	68194.25815	8370.352629	0	71819.80764
Orange (SC)	2027 T6 Public Class 6	Aggregate	Aggregate	Natural Gas	27.77422471	341484.9694	341484.9694	0	44454.3131	41.58246778	0
Orange (SC)	2027 T6 Public Class 7	Aggregate	Aggregate	Diesel	329.1638416	4634063.388	4634063.388	0	526846.4783	522.3478808	0
Orange (SC)	2027 T6 Public Class 7	Aggregate	Aggregate	Electricity	9.220217374	178802.2616	0	178802.2616	14757.51112	0	188308.2884
Orange (SC)	2027 T6 Public Class 7	Aggregate	Aggregate	Natural Gas	39.57635917	634449.8484	634449.8484	0	63344.33743	73.77485004	0
Orange (SC)	2027 T6 Utility Class 5	Aggregate	Aggregate	Diesel	104.9449495	1316489.608	1316489.608	0	419108.1502	139.7340166	0
Orange (SC)	2027 T6 Utility Class 5	Aggregate	Aggregate	Electricity	4.890149529	66104.02971	0	66104.02971	19529.30116	0	69618.45215
Orange (SC)	2027 T6 Utility Class 5	Aggregate	Aggregate	Natural Gas	0.608520002	7538.529901	7538.529901	0	2430.185479	0.8374726	0
Orange (SC)	2027 T6 Utility Class 6	Aggregate	Aggregate	Diesel	19.81977959	247939.891	247939.891	0	79152.27177	26.22131072	0
Orange (SC)	2027 T6 Utility Class 6	Aggregate	Aggregate	Electricity	0.933903039	12624.63971	0	12624.63971	3729.635178	0	13295.829
Orange (SC)	2027 T6 Utility Class 6	Aggregate	Aggregate	Natural Gas	0.180029721	2142.309092	2142.309092	0	718.9666939	0.239613654	0
Orange (SC)	2027 T6 Utility Class 7	Aggregate	Aggregate	Diesel	22.16512003	342629.1708	342629.1708	0	88518.62337	35.96275294	0

Orange (SC)	2027 T6 Utility Class 7	Aggregate	Aggregate	Electricity	1.055276134	19773.18547	0	19773.18547	4214.350768	0	20824.42738
Orange (SC)	2027 T6 Utility Class 7	Aggregate	Aggregate	Natural Gas	0.228344138	3110.122883	3110.122883	0	911.9151492	0.342938141	0
Orange (SC)	2027 T6TS	Aggregate	Aggregate	Gasoline	6899.471297	112449723.8	112449723.8	0	45140591.3	21407.12697	0
Orange (SC)	2027 T6TS	Aggregate	Aggregate	Electricity	81.47799046	2157538.702	0	2157538.702	533079.204	0	2268968.352
Orange (SC)	2027 T7 CAIRP Class 8	Aggregate	Aggregate	Diesel	1123.270795	70915414.32	70915414.32	0	8053582.018	10940.50038	0
Orange (SC)	2027 T7 CAIRP Class 8	Aggregate	Aggregate	Electricity	36.83552535	2355946.973	0	2355946.973	264101.8763	0	4225981.891
Orange (SC)	2027 T7 CAIRP Class 8	Aggregate	Aggregate	Natural Gas	4.413461337	275933.9931	275933.9931	0	31643.45855	47.69840404	0
Orange (SC)	2027 T7 NNOOS Class 8	Aggregate	Aggregate	Diesel	1028.194189	87157940.32	87157940.32	0	7371905.568	12842.08274	0
Orange (SC)	2027 T7 NOOS Class 8	Aggregate	Aggregate	Diesel	441.3585966	31647137.69	31647137.69	0	3164435.211	4816.556141	0
Orange (SC)	2027 T7 POLA Class 8	Aggregate	Aggregate	Diesel	1565.242038	63409588.93	63409588.93	0	7989496.239	10574.55308	0
Orange (SC)	2027 T7 POLA Class 8	Aggregate	Aggregate	Electricity	10.25233485	371683.5989	0	371683.5989	52331.1978	0	666437.2149
Orange (SC)	2027 T7 POLA Class 8	Aggregate	Aggregate	Natural Gas	19.65528744	790616.8752	790616.8752	0	100326.8768	133.0908812	0
Orange (SC)	2027 T7 Public Class 8	Aggregate	Aggregate	Diesel	720.464846	9079991.566	9079991.566	0	1153147.214	1555.905735	0
Orange (SC)	2027 T7 Public Class 8	Aggregate	Aggregate	Electricity	19.4232239	377942.7557	0	377942.7557	31088.03524	0	677339.8394
Orange (SC)	2027 T7 Public Class 8	Aggregate	Aggregate	Natural Gas	298.4485783	4569470.542	4569470.542	0	477684.8565	732.0661185	0
Orange (SC)	2027 T7 Single Concrete/Transi	Aggregate	Aggregate	Diesel	281.9818804	5988798.145	5988798.145	0	828756.0259	960.0468053	0
Orange (SC)	2027 T7 Single Concrete/Transi	Aggregate	Aggregate	Electricity	13.48252785	339106.9168	0	339106.9168	39625.68866	0	607913.1115
Orange (SC)	2027 T7 Single Concrete/Transi	Aggregate	Aggregate	Natural Gas	18.9570775	418825.7976	418825.7976	0	55715.60906	67.26565939	0
Orange (SC)	2027 T7 Single Dump Class 8	Aggregate	Aggregate	Diesel	1072.386968	18546241.18	18546241.18	0	3151788.195	3096.354167	0
Orange (SC)	2027 T7 Single Dump Class 8	Aggregate	Aggregate	Electricity	23.21761969	586727.869	0	586727.869	68237.51298	0	1051820.375
Orange (SC)	2027 T7 Single Dump Class 8	Aggregate	Aggregate	Natural Gas	80.90685613	1492545.024	1492545.024	0	237788.4864	258.3436499	0
Orange (SC)	2027 T7 Single Other Class 8	Aggregate	Aggregate	Diesel	2566.741112	40776326.1	40776326.1	0	7543754.799	6670.696658	0
Orange (SC)	2027 T7 Single Other Class 8	Aggregate	Aggregate	Electricity	67.50131726	1403354.946	0	1403354.946	198389.0715	0	2515778.445
Orange (SC)	2027 T7 Single Other Class 8	Aggregate	Aggregate	Natural Gas	200.655578	3313457.398	3313457.398	0	589734.7698	562.5407181	0
Orange (SC)	2027 T7 SWCV Class 8	Aggregate	Aggregate	Diesel	201.180016	4075550.874	4075550.874	0	288733.559	1512.258734	0
Orange (SC)	2027 T7 SWCV Class 8	Aggregate	Aggregate	Electricity	19.66795143	381205.0051	0	381205.0051	28227.4439	0	682497.0158
Orange (SC)	2027 T7 SWCV Class 8	Aggregate	Aggregate	Natural Gas	784.120537	15838144.32	15838144.32	0	1125369.795	2482.533048	0
Orange (SC)	2027 T7 Tractor Class 8	Aggregate	Aggregate	Diesel	2828.175268	61763095.83	61763095.83	0	12821136.63	9812.803783	0
Orange (SC)	2027 T7 Tractor Class 8	Aggregate	Aggregate	Electricity	42.06709991	1057590.678	0	1057590.678	190705.3081	0	1895654.903
Orange (SC)	2027 T7 Tractor Class 8	Aggregate	Aggregate	Natural Gas	92.52712444	2034691.489	2034691.489	0	419458.7648	362.0082117	0
Orange (SC)	2027 T7 Utility Class 8	Aggregate	Aggregate	Diesel	79.97384173	1071398.342	1071398.342	0	319383.5344	171.5133169	0
Orange (SC)	2027 T7 Utility Class 8	Aggregate	Aggregate	Electricity	1.35705402	26267.20979	0	26267.20979	5419.530934	0	47075.45625
Orange (SC)	2027 T7IS	Aggregate	Aggregate	Gasoline	5.373929496	179118.8411	179118.8411	0	35159.55711	39.81623999	0
Orange (SC)	2027 T7IS	Aggregate	Aggregate	Electricity	0.072471287	5982.003905	0	5982.003905	474.1518035	0	10714.54306
Orange (SC)	2027 UBUS	Aggregate	Aggregate	Gasoline	257.3894016	13884827.24	13884827.24	0	336665.3372	1064.851026	0
Orange (SC)	2027 UBUS	Aggregate	Aggregate	Electricity	4.076617891	26232.20717	0	26232.20717	5332.216202	0	55808.71341
Orange (SC)	2027 UBUS	Aggregate	Aggregate	Natural Gas	579.9899791	36450612.92	36450612.92	0	758626.8926	12230.37661	0

EMFAC Fuel Usage: Year 2028

Vehicle type	GAS			DSL			NG			ELEC		
	VMT/day	Gallons/day	Miles/gallon	VMT/day	Gallons/day	Miles/gallon	VMT/day	Gallons/day	Miles/gallon	VMT/day	kWh/day	Miles/kWh
All other buses	0	0	0.00	5,811,978	593,744	9.79	1,648,883	176,610	9.34	0	0	0.00
LDA	14,593,375,970	449,346,321	32.48	22,538,564	504,538	44.67	0	0	0.00	1,824,933,854	676,767,369	2.70
LDT1	1,152,864,889	42,739,047	26.97	36,839	1,418	25.99	0	0	0.00	13,486,643	4,840,007	2.79
LDT2	7,765,903,271	291,192,591	26.67	30,941,222	897,559	34.47	0	0	0.00	159,191,080	55,758,430	2.86
LHD1	533,637,589	35,286,776	15.12	329,314,493	15,597,089	21.11	0	0	0.00	45,389,470	25,547,706	1.78
LHD2	78,515,185	5,985,809	13.12	144,518,300	8,057,788	17.94	0	0	0.00	11,254,135	6,339,231	1.78
MCY	117,244,778	2,752,478	42.60	0	0	0.00	0	0	0.00	0	0	0.00
MDV	4,474,550,047	206,291,829	21.69	59,400,186	2,318,632	25.62	0	0	0.00	135,018,837	48,740,125	2.77
MH	17,485,492	3,581,414	4.88	9,545,826	940,503	10.15	0	0	0.00	0	0	0.00
Motor coach	0	0	0.00	4,990,725	851,988	5.86	0	0	0.00	0	0	0.00
OBUS	10,304,986	1,899,162	5.43	0	0	0.00	0	0	0.00	585,584	610,380	0.96
PTO	0	0	0.00	13,911,362	2,678,746	5.19	0	0	0.00	723,669	1,499,095	0.48
SBUS	10,354,995	1,148,049	9.02	4,575,063	610,505	7.49	6,809,241	1,557,017	4.37	487,881	564,138	0.86
T6	106,150,770	20,080,094	5.29	360,668,819	39,734,350	9.08	4,418,434	518,570	8.52	18,029,501	18,939,850	0.95
T7	177,169	38,738	4.57	397,817,653	62,570,284	6.36	29,295,703	4,687,753	6.25	10,560,168	18,932,873	0.56
UBUS	13,912,684	1,066,997	13.04	0	0	0.00	36,518,674	12,208,320	2.99	31,354	66,704	0.47
Total	28,874,477,825	1,061,409,306	27.20	1,384,071,029	135,357,142	10.23	78,690,936	19,148,270	4.11	2,219,692,176	858,605,908	2.59

Source: EMFAC2021 (v1.0.2) Emissions Inventory

Region Type: Sub-Area

Region: Orange (SC)

Calendar Year: 2028

Season: Annual

Vehicle Classification: EMFAC202x Categories

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

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	Population	Total VMT	CVMT	EVMT	Trips	Fuel Consumption	Energy Consumption
Orange (SC)	2028	All Other Buses	Aggregate	Aggregate	Diesel	377.6499467	5811977.829	5811977.829	0	981436.6815	593.7439901	0
Orange (SC)	2028	All Other Buses	Aggregate	Aggregate	Natural Gas	99.23244446	1648882.535	1648882.535	0	257885.2767	176.6101798	0
Orange (SC)	2028	LDA	Aggregate	Aggregate	Gasoline	1038995.892	14318374161	14318374161	0	1683079262	439764.4547	0
Orange (SC)	2028	LDA	Aggregate	Aggregate	Diesel	2171.612574	22538563.56	22538563.56	0	3197963.336	504.5378234	0
Orange (SC)	2028	LDA	Aggregate	Aggregate	Electricity	92523.87745	1494097260	0	1494097260	157311073.1	0	576844857
Orange (SC)	2028	LDA	Aggregate	Aggregate	Plug-in Hybrid	39072.49176	605838403.2	275001809.2	330836594	56062969.44	9581.866781	99922511.89
Orange (SC)	2028	LDT1	Aggregate	Aggregate	Gasoline	92684.36641	1149740526	1149740526	0	142746307.3	42629.93643	0
Orange (SC)	2028	LDT1	Aggregate	Aggregate	Diesel	6.507772921	36839.23803	36839.23803	0	6415.86919	1.417524587	0
Orange (SC)	2028	LDT1	Aggregate	Aggregate	Electricity	546.4474323	9120928.353	0	9120928.353	935800.8529	0	3521431.136
Orange (SC)	2028	LDT1	Aggregate	Aggregate	Plug-in Hybrid	430.0680074	7490077.602	3124363.127	4365714.475	617080.9301	109.1101995	1318575.891
Orange (SC)	2028	LDT2	Aggregate	Aggregate	Gasoline	549816.574	7714066571	7714066571	0	894152235.7	289374.5804	0
Orange (SC)	2028	LDT2	Aggregate	Aggregate	Diesel	2199.451121	30941221.93	30941221.93	0	3602192.942	897.5586182	0
Orange (SC)	2028	LDT2	Aggregate	Aggregate	Electricity	7541.699421	91347170.22	0	91347170.22	13159180.55	0	35267547
Orange (SC)	2028	LDT2	Aggregate	Aggregate	Plug-in Hybrid	7280.311558	119680610	51836699.96	67843910.03	10446118.64	1818.011071	20490882.9
Orange (SC)	2028	LHD1	Aggregate	Aggregate	Gasoline	40643.11047	533637589.3	533637589.3	0	198005624.6	35286.77625	0
Orange (SC)	2028	LHD1	Aggregate	Aggregate	Diesel	24055.01767	329314493.2	329314493.2	0	98944268.56	15597.08927	0
Orange (SC)	2028	LHD1	Aggregate	Aggregate	Electricity	2171.230816	45389469.54	0	45389469.54	9923994.568	0	25547705.72
Orange (SC)	2028	LHD2	Aggregate	Aggregate	Gasoline	6462.82446	78515185.21	78515185.21	0	31485670.73	5985.809008	0
Orange (SC)	2028	LHD2	Aggregate	Aggregate	Diesel	10682.49761	144518300.4	144518300.4	0	43939768.69	8057.787678	0
Orange (SC)	2028	LHD2	Aggregate	Aggregate	Electricity	565.7731753	11254135.44	0	11254135.44	2453959.747	0	6339231.072
Orange (SC)	2028	MCY	Aggregate	Aggregate	Gasoline	53242.81767	117244778.4	117244778.4	0	36950515.46	2752.477751	0
Orange (SC)	2028	MDV	Aggregate	Aggregate	Gasoline	329659.4277	4443149037	4443149037	0	530191137.8	205175.471	0
Orange (SC)	2028	MDV	Aggregate	Aggregate	Diesel	4475.198106	59400185.72	59400185.72	0	7177963.748	2318.632161	0
Orange (SC)	2028	MDV	Aggregate	Aggregate	Electricity	7844.227849	94707365.32	0	94707365.32	13673617.88	0	36564859.64
Orange (SC)	2028	MDV	Aggregate	Aggregate	Plug-in Hybrid	4626.528268	17172481.17	31401009.88	40311471.29	6638350.953	1116.357982	12175265.8
Orange (SC)	2028	MH	Aggregate	Aggregate	Gasoline	5341.240362	17485492.47	17485492.47	0	174728.4233	3581.413853	0
Orange (SC)	2028	MH	Aggregate	Aggregate	Diesel	3021.622086	9545826.122	9545826.122	0	98807.04221	940.5028505	0
Orange (SC)	2028	Motor Coach	Aggregate	Aggregate	Diesel	140.4254601	4990724.663	4990724.663	0	942277.3053	851.9876169	0
Orange (SC)	2028	OBUS	Aggregate	Aggregate	Gasoline	782.1654895	10304986.33	10304986.33	0	5117408.446	1899.162317	0
Orange (SC)	2028	OBUS	Aggregate	Aggregate	Electricity	24.44236773	585584.2699	0	585584.2699	159917.0262	0	610379.87
Orange (SC)	2028	PTO	Aggregate	Aggregate	Diesel	0	13911361.88	13911361.88	0	0	2678.745714	0
Orange (SC)	2028	PTO	Aggregate	Aggregate	Electricity	0	723669.3146	0	723669.3146	0	0	1499094.567
Orange (SC)	2028	SBUS	Aggregate	Aggregate	Gasoline	700.6254389	10354994.83	10354994.83	0	916418.0741	1148.048854	0
Orange (SC)	2028	SBUS	Aggregate	Aggregate	Diesel	688.6435349	4575063.301	4575063.301	0	3260699.592	610.5053466	0
Orange (SC)	2028	SBUS	Aggregate	Aggregate	Electricity	48.55751581	487881.4202	0	487881.4202	189107.2377	0	564137.9411
Orange (SC)	2028	SBUS	Aggregate	Aggregate	Natural Gas	860.7431203	6809241.384	6809241.384	0	4075584.245	1557.017016	0

Orange (SC)	2028 T6 CAIRP Class 4	Aggregate	Aggregate	Diesel	9.05114051	183237.2149	183237.2149	0	64894.50518	19.30360997	0
Orange (SC)	2028 T6 CAIRP Class 4	Aggregate	Aggregate	Electricity	0.496982339	12351.47085	0	12351.47085	3563.244095	0	13021.94303
Orange (SC)	2028 T6 CAIRP Class 5	Aggregate	Aggregate	Diesel	11.77357167	252512.9043	252512.9043	0	84413.68324	26.66423291	0
Orange (SC)	2028 T6 CAIRP Class 5	Aggregate	Aggregate	Electricity	0.58802559	15799.6011	0	15799.6011	4216.002357	0	16657.24738
Orange (SC)	2028 T6 CAIRP Class 6	Aggregate	Aggregate	Diesel	43.13045353	648732.181	648732.181	0	309235.0005	67.46075033	0
Orange (SC)	2028 T6 CAIRP Class 6	Aggregate	Aggregate	Electricity	3.046533488	52376.07206	0	52376.07206	21842.91394	0	55219.19088
Orange (SC)	2028 T6 CAIRP Class 7	Aggregate	Aggregate	Diesel	69.08542986	4209103.979	4209103.979	0	495325.9516	399.1607639	0
Orange (SC)	2028 T6 CAIRP Class 7	Aggregate	Aggregate	Electricity	2.790696902	185427.0919	0	185427.0919	20008.62702	0	195492.5901
Orange (SC)	2028 T6 CAIRP Class 7	Aggregate	Aggregate	Natural Gas	0.053728863	3174.269936	3174.269936	0	385.2230563	0.309262407	0
Orange (SC)	2028 T6 Instate Delivery Class 4	Aggregate	Aggregate	Diesel	2601.020856	26770821.43	26770821.43	0	11580369.1	2991.228422	0
Orange (SC)	2028 T6 Instate Delivery Class 4	Aggregate	Aggregate	Electricity	92.78126115	1138258.027	0	1138258.027	413084.4422	0	1195148.924
Orange (SC)	2028 T6 Instate Delivery Class 4	Aggregate	Aggregate	Natural Gas	10.81406845	118239.4987	118239.4987	0	48146.82813	13.97822762	0
Orange (SC)	2028 T6 Instate Delivery Class 5	Aggregate	Aggregate	Diesel	2110.778711	21830694.87	21830694.87	0	9397693.409	2432.274515	0
Orange (SC)	2028 T6 Instate Delivery Class 5	Aggregate	Aggregate	Electricity	74.7591634	920372.1813	0	920372.1813	332845.7376	0	966372.9981
Orange (SC)	2028 T6 Instate Delivery Class 5	Aggregate	Aggregate	Natural Gas	7.877132209	87805.25798	87805.25798	0	35070.88311	10.29229441	0
Orange (SC)	2028 T6 Instate Delivery Class 6	Aggregate	Aggregate	Diesel	6570.920804	67600518.52	67600518.52	0	29255316.44	7562.9389	0
Orange (SC)	2028 T6 Instate Delivery Class 6	Aggregate	Aggregate	Electricity	229.0707739	2780563.655	0	2780563.655	1019878.063	0	2919538.084
Orange (SC)	2028 T6 Instate Delivery Class 6	Aggregate	Aggregate	Natural Gas	23.78464016	262632.2022	262632.2022	0	105894.9263	30.81906884	0
Orange (SC)	2028 T6 Instate Delivery Class 7	Aggregate	Aggregate	Diesel	899.3585733	14542147.31	14542147.31	0	4004160.214	1577.349755	0
Orange (SC)	2028 T6 Instate Delivery Class 7	Aggregate	Aggregate	Electricity	12.91311901	198317.407	0	198317.407	57492.30498	0	208229.4436
Orange (SC)	2028 T6 Instate Delivery Class 7	Aggregate	Aggregate	Natural Gas	25.63788293	418431.5493	418431.5493	0	114146.0079	48.75157276	0
Orange (SC)	2028 T6 Instate Other Class 4	Aggregate	Aggregate	Diesel	2223.817013	28180812.95	28180812.95	0	8020685.296	3133.549451	0
Orange (SC)	2028 T6 Instate Other Class 4	Aggregate	Aggregate	Electricity	92.97246556	1358620.192	0	1358620.192	335325.651	0	1426586.871
Orange (SC)	2028 T6 Instate Other Class 4	Aggregate	Aggregate	Natural Gas	8.429807795	113557.3031	113557.3031	0	30403.95637	13.21405381	0
Orange (SC)	2028 T6 Instate Other Class 5	Aggregate	Aggregate	Diesel	5317.524548	68487433.37	68487433.37	0	19178822.14	7628.033716	0
Orange (SC)	2028 T6 Instate Other Class 5	Aggregate	Aggregate	Electricity	206.2033173	3037143.198	0	3037143.198	743717.6286	0	3189080.094
Orange (SC)	2028 T6 Instate Other Class 5	Aggregate	Aggregate	Natural Gas	19.00977758	259687.8685	259687.8685	0	68562.945	29.8871463	0
Orange (SC)	2028 T6 Instate Other Class 6	Aggregate	Aggregate	Diesel	4351.817903	55768606.56	55768606.56	0	15695788.67	6197.364996	0
Orange (SC)	2028 T6 Instate Other Class 6	Aggregate	Aggregate	Electricity	174.4958206	2541937.085	0	2541937.085	629357.5662	0	2669100.674
Orange (SC)	2028 T6 Instate Other Class 6	Aggregate	Aggregate	Natural Gas	16.131265402	220022.006	220022.006	0	58835.17551	25.32067083	0
Orange (SC)	2028 T6 Instate Other Class 7	Aggregate	Aggregate	Diesel	2384.801936	31302610.36	31302610.36	0	8601312.839	3438.662181	0
Orange (SC)	2028 T6 Instate Other Class 7	Aggregate	Aggregate	Electricity	56.27244839	1178274.108	0	1178274.108	202958.9651	0	1237218.747
Orange (SC)	2028 T6 Instate Other Class 7	Aggregate	Aggregate	Natural Gas	61.06055947	800661.4508	800661.4508	0	220228.341	94.69157128	0
Orange (SC)	2028 T6 Instate Tractor Class 6	Aggregate	Aggregate	Diesel	33.10796328	505578.0722	505578.0722	0	119411.1533	55.11402373	0
Orange (SC)	2028 T6 Instate Tractor Class 6	Aggregate	Aggregate	Electricity	1.293749592	26429.59814	0	26429.59814	4666.192527	0	27751.77192
Orange (SC)	2028 T6 Instate Tractor Class 6	Aggregate	Aggregate	Natural Gas	0.12528574	2158.717681	2158.717681	0	451.8705835	0.240546612	0
Orange (SC)	2028 T6 Instate Tractor Class 7	Aggregate	Aggregate	Diesel	1458.436674	25671601.16	25671601.16	0	5260172.723	2621.61305	0
Orange (SC)	2028 T6 Instate Tractor Class 7	Aggregate	Aggregate	Electricity	22.86659513	573806.552	0	573806.552	82473.406	0	602511.9441
Orange (SC)	2028 T6 Instate Tractor Class 7	Aggregate	Aggregate	Natural Gas	34.60649819	610447.6149	610447.6149	0	124815.9492	69.34372228	0
Orange (SC)	2028 T6 OOS Class 4	Aggregate	Aggregate	Diesel	5.603511425	113615.4237	113615.4237	0	40175.83207	11.56128974	0
Orange (SC)	2028 T6 OOS Class 5	Aggregate	Aggregate	Diesel	7.234701872	155859.9306	155859.9306	0	51871.0761	15.92976671	0
Orange (SC)	2028 T6 OOS Class 6	Aggregate	Aggregate	Diesel	26.97767134	407266.4577	407266.4577	0	193423.4289	40.64277185	0
Orange (SC)	2028 T6 OOS Class 7	Aggregate	Aggregate	Diesel	37.87534274	2961333.579	2961333.579	0	271557.1173	275.6954496	0
Orange (SC)	2028 T6 Public Class 4	Aggregate	Aggregate	Diesel	122.9585089	1361030.967	1361030.967	0	196802.4711	156.2777376	0
Orange (SC)	2028 T6 Public Class 4	Aggregate	Aggregate	Electricity	4.97654356	66910.38016	0	66910.38016	7965.25656	0	70467.67224
Orange (SC)	2028 T6 Public Class 4	Aggregate	Aggregate	Natural Gas	18.25857282	224600.8606	224600.8606	0	29223.94132	27.39807083	0
Orange (SC)	2028 T6 Public Class 5	Aggregate	Aggregate	Diesel	112.4318868	1257392.394	1257392.394	0	179953.9807	143.3814335	0
Orange (SC)	2028 T6 Public Class 5	Aggregate	Aggregate	Electricity	4.755187868	63800.15313	0	63800.15313	7610.963495	0	67192.08991
Orange (SC)	2028 T6 Public Class 5	Aggregate	Aggregate	Natural Gas	23.4978209	281335.7936	281335.7936	0	37609.67223	34.26349685	0
Orange (SC)	2028 T6 Public Class 6	Aggregate	Aggregate	Diesel	181.9384903	2043145.824	2043145.824	0	291203.4701	234.5347299	0
Orange (SC)	2028 T6 Public Class 6	Aggregate	Aggregate	Electricity	7.985755873	104546.7541	0	104546.7541	12781.68142	0	110104.985
Orange (SC)	2028 T6 Public Class 6	Aggregate	Aggregate	Natural Gas	28.57142771	348331.0635	348331.0635	0	45730.28434	42.40531841	0
Orange (SC)	2028 T6 Public Class 7	Aggregate	Aggregate	Diesel	323.2477799	4550081.7	4550081.7	0	517377.4665	509.0154779	0
Orange (SC)	2028 T6 Public Class 7	Aggregate	Aggregate	Electricity	14.06503989	271329.4073	0	271329.4073	22511.94024	0	285754.6422
Orange (SC)	2028 T6 Public Class 7	Aggregate	Aggregate	Natural Gas	41.86923805	655218.0102	655218.0102	0	67014.22765	76.31284528	0
Orange (SC)	2028 T6 Utility Class 5	Aggregate	Aggregate	Diesel	102.9187964	1287651.181	1287651.181	0	411016.5055	136.0938659	0
Orange (SC)	2028 T6 Utility Class 5	Aggregate	Aggregate	Electricity	7.601672608	102629.2986	0	102629.2986	30358.03973	0	108085.5879
Orange (SC)	2028 T6 Utility Class 5	Aggregate	Aggregate	Natural Gas	0.59278529	7332.401333	7332.401333	0	2367.347336	0.811312167	0
Orange (SC)	2028 T6 Utility Class 6	Aggregate	Aggregate	Diesel	19.43136508	242594.345	242594.345	0	77601.09957	25.55456748	0
Orange (SC)	2028 T6 Utility Class 6	Aggregate	Aggregate	Electricity	1.449258633	19566.48129	0	19566.48129	5787.759278	0	20606.73377
Orange (SC)	2028 T6 Utility Class 6	Aggregate	Aggregate	Natural Gas	0.165797947	1959.716823	1959.716823	0	662.1306828	0.218600169	0
Orange (SC)	2028 T6 Utility Class 7	Aggregate	Aggregate	Diesel	21.6399361	334435.9107	334435.9107	0	86421.24883	34.94423314	0
Orange (SC)	2028 T6 Utility Class 7	Aggregate	Aggregate	Electricity	1.613176203	30204.61456	0	30204.61456	6442.380485	0	31810.44367
Orange (SC)	2028 T6 Utility Class 7	Aggregate	Aggregate	Natural Gas	0.20705074	2838.884964	2838.884964	0	826.8778351	0.311924914	0
Orange (SC)	2028 T6TS	Aggregate	Aggregate	Gasoline	6678.491886	106150769.7	106150769.7	0	43694807.87	20080.09422	0

Orange (SC)	2028 T6TS	Aggregate	Aggregate	Electricity	127.5289171	3350837.795	0	3350837.795	834372.7335	0	3523897.347
Orange (SC)	2028 T7 CAIRP Class 8	Aggregate	Aggregate	Diesel	1128.292707	70948887.7	70948887.7	0	8089587.923	10758.35079	0
Orange (SC)	2028 T7 CAIRP Class 8	Aggregate	Aggregate	Electricity	53.64753285	3480007.148	0	3480007.148	384639.9351	0	6242265.788
Orange (SC)	2028 T7 CAIRP Class 8	Aggregate	Aggregate	Natural Gas	4.340877207	270814.4455	270814.4455	0	31123.04776	46.31498766	0
Orange (SC)	2028 T7 NNOOS Class 8	Aggregate	Aggregate	Diesel	1042.162717	88523619.8	88523619.8	0	7472056.56	12719.43483	0
Orange (SC)	2028 T7 NNOOS Class 8	Aggregate	Aggregate	Diesel	449.9746376	32143017.31	32143017.31	0	3226210.157	4782.757369	0
Orange (SC)	2028 T7 POLA Class 8	Aggregate	Aggregate	Diesel	1564.769497	65593759.95	65593759.95	0	7987084.24	10885.53001	0
Orange (SC)	2028 T7 POLA Class 8	Aggregate	Aggregate	Electricity	16.07981098	613752.8746	0	613752.8746	82076.50079	0	1100472.976
Orange (SC)	2028 T7 POLA Class 8	Aggregate	Aggregate	Natural Gas	21.68151394	903214.15	903214.15	0	110669.3852	149.5363698	0
Orange (SC)	2028 T7 Public Class 8	Aggregate	Aggregate	Diesel	693.2770903	8736712.663	8736712.663	0	1109631.58	1488.634766	0
Orange (SC)	2028 T7 Public Class 8	Aggregate	Aggregate	Electricity	30.79260619	596262.7129	0	596262.7129	49285.41376	0	1068607.571
Orange (SC)	2028 T7 Public Class 8	Aggregate	Aggregate	Natural Gas	316.5018127	4769915.111	4769915.111	0	506580.1414	761.7213393	0
Orange (SC)	2028 T7 Single Concrete/Transit Mix CI	Aggregate	Aggregate	Diesel	277.1832614	5841452.214	5841452.214	0	814652.6926	927.6539817	0
Orange (SC)	2028 T7 Single Concrete/Transit Mix CI	Aggregate	Aggregate	Electricity	20.58335603	518995.3052	0	518995.3052	60495.30671	0	930396.9788
Orange (SC)	2028 T7 Single Concrete/Transit Mix CI	Aggregate	Aggregate	Natural Gas	19.06678782	417518.8868	417518.8868	0	56038.05207	66.57117119	0
Orange (SC)	2028 T7 Single Dump Class 8	Aggregate	Aggregate	Diesel	1084.915788	18289839.52	18289839.52	0	3188610.897	3035.837503	0
Orange (SC)	2028 T7 Single Dump Class 8	Aggregate	Aggregate	Electricity	37.4331775	952783.0952	0	952783.0952	110017.606	0	1708043.414
Orange (SC)	2028 T7 Single Dump Class 8	Aggregate	Aggregate	Natural Gas	82.47154741	1478382.039	1478382.039	0	242387.1767	254.6964548	0
Orange (SC)	2028 T7 Single Other Class 8	Aggregate	Aggregate	Diesel	2644.554405	40723205.89	40723205.89	0	7772451.179	6629.049566	0
Orange (SC)	2028 T7 Single Other Class 8	Aggregate	Aggregate	Electricity	105.3380464	2172764.918	0	2172764.918	309592.732	0	3895090.947
Orange (SC)	2028 T7 Single Other Class 8	Aggregate	Aggregate	Natural Gas	207.5425137	3310000.516	3310000.516	0	609975.7494	560.8637916	0
Orange (SC)	2028 T7 SWCV Class 8	Aggregate	Aggregate	Diesel	182.6918569	3700945.62	3700945.62	0	262199.3531	1372.71685	0
Orange (SC)	2028 T7 SWCV Class 8	Aggregate	Aggregate	Electricity	30.1706418	588361.4351	0	588361.4351	43300.90511	0	1053383.136
Orange (SC)	2028 T7 SWCV Class 8	Aggregate	Aggregate	Natural Gas	797.4955053	16114806.02	16114806.02	0	1144565.549	2487.443086	0
Orange (SC)	2028 T7 Tractor Class 8	Aggregate	Aggregate	Diesel	2926.157845	62255254.9	62255254.9	0	13265326.93	9801.182555	0
Orange (SC)	2028 T7 Tractor Class 8	Aggregate	Aggregate	Electricity	63.52624382	1585291.339	0	1585291.339	287987.3327	0	2841520.222
Orange (SC)	2028 T7 Tractor Class 8	Aggregate	Aggregate	Natural Gas	95.23425281	2031051.949	2031051.949	0	431731.1523	360.6059616	0
Orange (SC)	2028 T7 Utility Class 8	Aggregate	Aggregate	Diesel	79.82118679	1060957.385	1060957.385	0	318773.8916	169.1353288	0
Orange (SC)	2028 T7 Utility Class 8	Aggregate	Aggregate	Electricity	2.213002904	42615.03058	0	42615.03058	8837.848396	0	76373.62413
Orange (SC)	2028 T7IS	Aggregate	Aggregate	Gasoline	5.168598081	177168.5685	177168.5685	0	33816.1525	38.73812443	0
Orange (SC)	2028 T7IS	Aggregate	Aggregate	Electricity	0.114935358	9334.035816	0	9334.035816	751.977911	0	16718.46597
Orange (SC)	2028 UBUS	Aggregate	Aggregate	Gasoline	257.9047648	13912684.03	13912684.03	0	337339.4324	1066.996746	0
Orange (SC)	2028 UBUS	Aggregate	Aggregate	Electricity	1.844789609	31353.57774	0	31353.57774	2412.984809	0	66704.36929
Orange (SC)	2028 UBUS	Aggregate	Aggregate	Natural Gas	583.3946385	36518674.25	36518674.25	0	763080.1872	12208.31993	0

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	Equipment Type	Horsepower HP	Gas				Diesel				Natural Gas			
			Fuel (Gal/Yr)	Population	Hrs/Yr	Gal/Hr	Fuel (Gal/Yr)	Population	Hrs/Yr	Gal/Hr	Fuel (Gal/Yr)	Population	Hrs/Yr	Gal/Hr
Air Compressor25	Air Compressor25	Air Compressor	25	52447.6821	186.9296906	0	0	4884.26543	9.25648311	0	0	0	0	0
Air Compressor50	Air Compressor50	Air Compressor	50	52698.7	48.55	23468.5	2.245412131	92432.6	111.35	90647.75	1.019689954	0	0	0
Air Compressor75	Air Compressor75	Air Compressor	75	73122	0	0	0	0	0	0	0	0	0	0
Air Compressor100	Air Compressor100	Air Compressor	100	285619.9	157.42	76091.55	3.753633636	0	0	0	0	0	0	0
Air Compressor175	Air Compressor175	Air Compressor	175	35047.3	10.59	5113.65	6.853675946	0	0	0	0	0	0	0
Air Compressor300	Air Compressor300	Air Compressor	300	0	0	0	0	0	0	0	0	0	0	0
Air Compressor600	Air Compressor600	Air Compressor	600	0	0	0	0	0	0	0	0	0	0	0
Air Compressor750	Air Compressor750	Air Compressor	750	0	0	0	0	0	0	0	0	0	0	0
Air Compressor9999	Air Compressor9999	Air Compressor	9999	0	0	0	0	0	0	0	0	0	0	0
Aerial Lift25	Aerial Lift25	Aerial Lifts	25	25939.69694	156.331123	0	0	209.1283958	97.52490997	0	0	4084.003454	66.14440189	0
Aerial Lift50	Aerial Lift50	Aerial Lifts	50	73122	128.63	46478.1	1.58614771	71633.86972	87450.13021	0	0	0	0	0
Aerial Lift75	Aerial Lift75	Aerial Lifts	75	0	0	0	0	142458.1809	406.7621438	119900.2041	1.194115142	0	0	0
Aerial Lift100	Aerial Lift100	Aerial Lifts	100	132412.95	128.62	46479.1	2.849310084	28182.87182	70.23091474	19983.02593	1.410406052	0	0	0
Aerial Lift175	Aerial Lift175	Aerial Lifts	175	0	0	0	0	41461.01363	49.7264765	22303.54078	1.838941117	0	0	0
Aerial Lift300	Aerial Lift300	Aerial Lifts	300	0	0	0	0	679.9022766	0.58909458	240.2496722	1.623404937	0	0	0
Aerial Lift600	Aerial Lift600	Aerial Lifts	600	0	0	0	0	520.9800231	0.235637832	88.51769523	5.885605152	0	0	0
Bore/Drill rig25	Bore/Drill rig25	Bore/Drill rigs	25	1425.478254	16.30070883	0	0	70.08113344	11.02608981	0	0	0	0	0
Bore/Drill rig50	Bore/Drill rig50	Bore/Drill rigs	50	689.85	2.49	277.4	2.486842205	2774.496476	5.176782262	2446.295285	1.13723471	0	0	0
Bore/Drill rig75	Bore/Drill rig75	Bore/Drill rigs	75	0	0	0	0	10522.33408	12.05094266	5857.331127	1.796438922	0	0	0
Bore/Drill rig100	Bore/Drill rig100	Bore/Drill rigs	100	7862.1	11.47	1230.05	6.351691395	8109.087416	6.377245750	3266.899616	2.482196691	0	0	0
Bore/Drill rig175	Bore/Drill rig175	Bore/Drill rigs	175	2737.5	2.84	282	9.375	57459.27677	25.27144562	16414.22359	3.500578414	0	0	0
Bore/Drill rig300	Bore/Drill rig300	Bore/Drill rigs	300	0	0	0	0	68444.36146	167.7289499	22157.62042	5.026654998	0	0	0
Bore/Drill rig600	Bore/Drill rig600	Bore/Drill rigs	600	0	0	0	0	89448.17092	16.98943722	9787.235342	10.02838824	0	0	0
Bore/Drill rig750	Bore/Drill rig750	Bore/Drill rigs	750	0	0	0	0	40638.30834	4.42067927	2497.966845	16.26895424	0	0	0
Bore/Drill rig9999	Bore/Drill rig9999	Bore/Drill rigs	9999	0	0	0	0	13468.97021	1.073235347	626.191414	21.50934987	0	0	0
Cement and Mortar Mixers25	Cement and Mortar Mixers25	Cement and Mortar Mixers	25	733.0944264	10.80971381	0	0	20.24565674	7.836207856	0	0	0	0	0
Cement and Mortar Mixers50	Cement and Mortar Mixers50	Cement and Mortar Mixers	50	0	0	0	0	0	0	0	0	0	0	0
Cement and Mortar Mixers75	Cement and Mortar Mixers75	Cement and Mortar Mixers	75	0	0	0	0	0	0	0	0	0	0	0
Cement and Mortar Mixers100	Cement and Mortar Mixers100	Cement and Mortar Mixers	100	0	0	0	0	0	0	0	0	0	0	0
Cement and Mortar Mixers175	Cement and Mortar Mixers175	Cement and Mortar Mixers	175	0	0	0	0	0	0	0	0	0	0	0
Cement and Mortar Mixers300	Cement and Mortar Mixers300	Cement and Mortar Mixers	300	0	0	0	0	0	0	0	0	0	0	0
Cement and Mortar Mixers600	Cement and Mortar Mixers600	Cement and Mortar Mixers	600	0	0	0	0	0	0	0	0	0	0	0
Cement and Mortar Mixers750	Cement and Mortar Mixers750	Cement and Mortar Mixers	750	0	0	0	0	0	0	0	0	0	0	0
Cement and Mortar Mixers9999	Cement and Mortar Mixers9999	Cement and Mortar Mixers	9999	0	0	0	0	0	0	0	0	0	0	0
Concrete/Industrial Saws25	Concrete/Industrial Saws25	Concrete/Industrial Saws	25	24144.75118	117.7190621	0	0	13.87085445	2.900932273	0	0	0	0	0
Concrete/Industrial Saws50	Concrete/Industrial Saws50	Concrete/Industrial Saws	50	15771.65	9.33	5701.3	2.766325224	4825.3	6.04	3496.7	1.379958246	0	0	0
Concrete/Industrial Saws75	Concrete/Industrial Saws75	Concrete/Industrial Saws	75	0	0	0	0	0	0	0	0	0	0	0
Concrete/Industrial Saws100	Concrete/Industrial Saws100	Concrete/Industrial Saws	100	15388.75	5.35	3266.75	4.71061452	0	0	0	0	0	0	0
Concrete/Industrial Saws175	Concrete/Industrial Saws175	Concrete/Industrial Saws	175	0	0	0	0	0	0	0	0	0	0	0
Concrete/Industrial Saws300	Concrete/Industrial Saws300	Concrete/Industrial Saws	300	0	0	0	0	0	0	0	0	0	0	0
Concrete/Industrial Saws600	Concrete/Industrial Saws600	Concrete/Industrial Saws	600	0	0	0	0	0	0	0	0	0	0	0
Concrete/Industrial Saws750	Concrete/Industrial Saws750	Concrete/Industrial Saws	750	0	0	0	0	0	0	0	0	0	0	0
Concrete/Industrial Saws9999	Concrete/Industrial Saws9999	Concrete/Industrial Saws	9999	0	0	0	0	0	0	0	0	0	0	0
Cranes25	Cranes25	Cranes	25	25	0	0	0	201.5540408	0.126262982	20.72713605	9.724162581	0	0	0
Cranes50	Cranes50	Cranes	50	2306.8	2.84	1171.65	1.968487352	384.7625412	1.642973523	322.2152075	1.184116643	0	0	0
Cranes75	Cranes75	Cranes	75	0	0	0	0	1517.480787	4.864178705	890.241044	1.131602004	0	0	0
Cranes100	Cranes100	Cranes	100	7821.95	5.67	2361.55	3.312210201	3970.062478	9.545252646	1848.640391	2.147558009	0	0	0
Cranes175	Cranes175	Cranes	175	507.35	0.16	87.6	5.791666667	30525.53142	42.92461704	11296.60868	2.702185434	0	0	0
Cranes300	Cranes300	Cranes	300	0	0	0	0	91327.66762	96.54095728	24617.07285	3.789510514	0	0	0
Cranes600	Cranes600	Cranes	600	0	0	0	0	127630.3376	77.14709065	20342.3745	6.274115024	0	0	0
Cranes750	Cranes750	Cranes	750	0	0	0	0	19709.89925	8.904311636	2095.976304	9.403684199	0	0	0
Cranes9999	Cranes9999	Cranes	9999	0	0	0	0	6642.217117	2.084583729	506.0435443	13.12578175	0	0	0
Crawler Tractors25	Crawler Tractors25	Crawler Tractors	25	0	0	0	0	0	0	0	0	0	0	0
Crawler Tractors50	Crawler Tractors50	Crawler Tractors	50	0	0	0	0	3848.176648	5.431068473	1484.969437	1.245889034	0	0	0
Crawler Tractors75	Crawler Tractors75	Crawler Tractors	75	0	0	0	0	11298.99753	21.53691056	6378.205588	1.771500992	0	0	0
Crawler Tractors100	Crawler Tractors100	Crawler Tractors	100	0	0	0	0	42917.37235	54.19385314	19068.86853	2.250651226	0	0	0
Crawler Tractors175	Crawler Tractors175	Crawler Tractors	175	0	0	0	0	152205.2056	151.2696146	52195.83234	2.79279175	0	0	0
Crawler Tractors300	Crawler Tractors300	Crawler Tractors	300	0	0	0	0	187531.3422	90.14201235	39192.68426	4.78485579	0	0	0
Crawler Tractors600	Crawler Tractors600	Crawler Tractors	600	0	0	0	0	325256.779	90.06800265	39516.30038	8.230952184	0	0	0
Crawler Tractors750	Crawler Tractors750	Crawler Tractors	750	0	0	0	0	20853.7217	4.116136281	1609.629903	12.95512078	0	0	0
Crawler Tractors9999	Crawler Tractors9999	Crawler Tractors	9999	0	0	0	0	32339.69445	4.869948602	1944.404264	17.89505232	0	0	0
Crushing/Proc. Equipment25	Crushing/Proc. Equipment25	Crushing/Proc. Equipment	25	263.607549	1.34955922	0	0	0	0	0	0	0	0	0
Crushing/Proc. Equipment50	Crushing/Proc. Equipment50	Crushing/Proc. Equipment	50	0	0	0	0	0	0	0	0	0	0	0
Crushing/Proc. Equipment75	Crushing/Proc. Equipment75	Crushing/Proc. Equipment	75	0	0	0	0	0	0	0	0	0	0	0
Crushing/Proc. Equipment100	Crushing/Proc. Equipment100	Crushing/Proc. Equipment	100	0	0	0	0	0	0	0	0	0	0	0
Crushing/Proc. Equipment175	Crushing/Proc. Equipment175	Crushing/Proc. Equipment	175	0	0	0	0	0	0	0	0	0	0	0
Crushing/Proc. Equipment300	Crushing/Proc. Equipment300	Crushing/Proc. Equipment	300	0	0	0	0	0	0	0	0	0	0	0
Crushing/Proc. Equipment600	Crushing/Proc. Equipment600	Crushing/Proc. Equipment	600	0	0	0	0	0	0	0	0	0	0	0
Crushing/Proc. Equipment750	Crushing/Proc. Equipment750	Crushing/Proc. Equipment	750	0	0	0	0	0	0	0	0	0	0	0
Crushing/Proc. Equipment9999	Crushing/Proc. Equipment9999	Crushing/Proc. Equipment	9999	0	0	0	0	0	0	0	0	0	0	0
Dumpers/Tenders25	Dumpers/Tenders25	Dumpers/Tenders	25	1800.067634	30.75590154	0	0	10.01151919	4.046596122	0	0	76.0	0	0
Dumpers/Tenders100	Dumpers/Tenders100	Dumpers/Tenders	100	649.7	2.04	278.1	2.405405405	0	0	0	0	0	0	0
Excavators25	Excavators25	Excavators	25	0	0	0	0	75.89091449	6.417278310	25.86389142	2.93424232	0	0	0
Excavators50	Excavators50	Excavators	50	0	0	0	0	168857.7847	471.7912954	231721.8324	0.76151995	0	0	0
Excavators75	Excavators75	Excavators	75	0	0	0	0	133347.7165	195.1457722	100960.9367	1.330785255	0	0	0
Excavators100	Excavators100	Excavators	100	0	0	0	0	104379.452	102.780663	54100.4974	1.939366049	0	0	0
Excavators175	Excavators175	Excavators	175	0	0	0	0	565882.0513	291.8940224	208400.8394	2.811328984	0	0	0
Excavators300	Excavators300	Excavators	300	0	0	0	0	626352.3958	217.4906261	139414.8148	4.49272448	0	0	0
Excavators600	Excavators600	Excavators	600	0	0	0	0	720281.1701	151.6087593	100560.7632	7.162646219	0	0	0
Excavators750	Excavators750	Excavators	750	0	0	0	0	20013.5983	3.162703927	1679.948412	11.93121181	0	0	0
Excavators9999	Excavators9999	Excavators	9999	0	0	0	0	101087.4313	5.875951907	3380.15808	29.90612537	0	0	0
Forklifts25	Forklifts25	Forklifts	25	490.106934	1.19605278	0	0	0.538310574	0.117818916	39.99540142	0.013459312	446.4860485	2.287959855	0
Forklifts50	Forklifts50	Forklifts	50	123525.31	431.23	773785.4	1.596723323	5996.48738	182.3145086	67554.94038	0.54697772	1931.993.85	803.67	1.335000984
Forklifts75	Forklifts75	Forklifts	75	0	0	0	0	403357.7654	1151.886148	46992.34021	0.8343898922	0	0	0
Forklifts100	Forklifts100	Forklifts	100	5799695.85	1537.78	2725546.25	2.211321303	717598.1827	617.619282	244518.4658	1.110741712	12087018.8	2818.44	5077573.4
Forklifts175	Forklifts175	Forklifts	175	40										

Off-Highway Tractors750	Off-Highway Tractors750	Off-Highway Tractors	750	0	0	0	0	12324.02449	1.326131039	973.2009936	12.66339078	0	0	0	0
Off-Highway Tractors9999	Off-Highway Tractors9999	Off-Highway Tractors	9999	0	0	0	0	11115.68882	0.443166897	349.1361894	31.87678279	0	0	0	0
Off-Highway Trucks25	Off-Highway Trucks25	Off-Highway Trucks	25	0	0	0	0	0	0	0	0	0	0	0	0
Off-Highway Trucks50	Off-Highway Trucks50	Off-Highway Trucks	50	0	0	0	0	1218.872508	3.282875532	2034.302655	0.599158667	0	0	0	0
Off-Highway Trucks75	Off-Highway Trucks75	Off-Highway Trucks	75	0	0	0	0	1522.953731	1.642076917	891.7916803	1.707746063	0	0	0	0
Off-Highway Trucks100	Off-Highway Trucks100	Off-Highway Trucks	100	0	0	0	0	649.4757466	0.568184319	357.0024285	1.161924727	0	0	0	0
Off-Highway Trucks175	Off-Highway Trucks175	Off-Highway Trucks	175	0	0	0	0	53284.99181	12.24989423	11047.75182	3.012821248	0	0	0	0
Off-Highway Truck300	Off-Highway Truck300	Off-Highway Trucks	300	0	0	0	0	77556.07495	24.32093412	17874.4213	4.338941869	0	0	0	0
Off-Highway Truck600	Off-Highway Truck600	Off-Highway Trucks	600	0	0	0	0	569595.8367	83.42513395	69279.03485	8.212763451	0	0	0	0
Off-Highway Truck750	Off-Highway Truck750	Off-Highway Trucks	750	0	0	0	0	698626.75310	10.83292977	6244.3864043	11.19128359	0	0	0	0
Off-Highway Truck9999	Off-Highway Truck9999	Off-Highway Trucks	9999	0	0	0	0	827514.5388	18.50820695	12639.91753	21.1484601	0	0	0	0
Pavers25	Pavers25	Pavers	25	4785.162724	16.69953019	0	0	18.85436071	2.510829195	0	0	0	0	0	0
Pavers50	Pavers50	Pavers	50	7391.25	8.1	3164.55	2.335640138	2782.578443	8.397428699	2991.872334	0.930179544	0	0	0	0
Pavers75	Pavers75	Pavers	75	0	0	0	0	0	0	0	1.60021517	0	0	0	0
Pavers100	Pavers100	Pavers	100	6651.45	4.43	1741.05	3.800838574	14667.86265	16.7313124	7287.876492	2.012638752	0	0	0	0
Pavers175	Pavers175	Pavers	175	0	0	0	0	48755.38283	29.61873398	16404.81042	2.972017449	0	0	0	0
Pavers300	Pavers300	Pavers	300	0	0	0	0	59004.05822	21.90967488	12237.39122	4.821620653	0	0	0	0
Pavers600	Pavers600	Pavers	600	0	0	0	0	10325.84027	2.742716923	135.150212	13.37171001	0	0	0	0
Pavers750	Pavers750	Pavers	750	0	0	0	0	427.9256158	0.063131491	32.05981078	13.34772806	0	0	0	0
Pavers9999	Pavers9999	Pavers	9999	0	0	0	0	9810.240495	0.441920437	238.3120952	41.16551654	0	0	0	0
Paving Equipment25	Paving Equipment25	Paving Equipment	25	5242.838924	40.33754038	0	0	31.88003884	6.212784555	0	0	0	0	0	0
Paving Equipment50	Paving Equipment50	Paving Equipment	50	1814	22.11	3854.4	2.234848485	6939.709203	23.23273498	8961.618279	0.763222555	0	0	0	0
Paving Equipment75	Paving Equipment75	Paving Equipment	75	0	0	0	0	5056.125783	9.154360754	3734.663653	1.353837711	0	0	0	0
Paving Equipment100	Paving Equipment100	Paving Equipment	100	3558.75	5.71	996.45	3.571428571	8480.739877	10.4249514	4465.32605	1.899255234	0	0	0	0
Paving Equipment175	Paving Equipment175	Paving Equipment	175	0	0	0	0	54119.86328	93.658076	21942.07764	2.464847639	0	0	0	0
Paving Equipment300	Paving Equipment300	Paving Equipment	300	0	0	0	0	26440.38951	10.67535514	5726.787007	4.248977446	0	0	0	0
Paving Equipment600	Paving Equipment600	Paving Equipment	600	0	0	0	0	57447.60264	15.41165847	8940.423374	6.425603474	0	0	0	0
Paving Equipment750	Paving Equipment750	Paving Equipment	750	0	0	0	0	12454.48797	2.083339203	7077.585119	11.55352647	0	0	0	0
Paving Equipment9999	Paving Equipment9999	Paving Equipment	9999	0	0	0	0	7806.911867	0.820709385	430.3092476	18.14023884	0	0	0	0
Rollers25	Rollers25	Rollers	25	15859.38026	87.07126986	0	0	124.9550239	49.29248005	0	0	0	0	0	0
Rollers50	Rollers50	Rollers	50	9715.95	5.67	3544.15	2.742533471	69494.85087	236.1541578	53585.90933	0.813891325	0	0	0	0
Rollers75	Rollers75	Rollers	75	0	0	0	0	27531.99975	47.98938514	17976.2065	1.531580077	0	0	0	0
Rollers100	Rollers100	Rollers	100	30144.7	10.89	6653.95	4.529895776	567557151168	42461.63754	23923.42282	0	0	0	0	0
Rollers175	Rollers175	Rollers	175	0	0	0	0	235006.6638	154.3452679	91553.80753	2.566869343	0	0	0	0
Rollers300	Rollers300	Rollers	300	0	0	0	0	20303.48624	10.24666065	4645.590166	4.370485884	0	0	0	0
Rollers600	Rollers600	Rollers	600	0	0	0	0	16077.38414	4.427301785	2194.154141	7.32772236	0	0	0	0
Rollers750	Rollers750	Rollers	750	0	0	0	0	394.7389781	0.063131491	38.7198236	13.14421255	0	0	0	0
Rollers9999	Rollers9999	Rollers	9999	0	0	0	0	15751.92311	0.820709383	392.479217	44.77231974	0	0	0	0
Rough Terrain Forklifts25	Rough Terrain Forklifts25	Rough Terrain Forklifts	25	0	0	0	0	0	0	0	0	0	0	0	0
Rough Terrain Forklifts50	Rough Terrain Forklifts50	Rough Terrain Forklifts	50	3117.1	2.22	927.1	3.362204724	2085.322194	7.82304884	2105.377228	0.990493193	0	0	0	0
Rough Terrain Forklifts75	Rough Terrain Forklifts75	Rough Terrain Forklifts	75	0	0	0	0	0	0	159.9324408	6.108967896	0	0	0	0
Rough Terrain Forklifts100	Rough Terrain Forklifts100	Rough Terrain Forklifts	100	68109	32.32	13359	5.098360656	59899.01662	91.57732403	29234.90386	2.04958815	0	0	0	0
Rough Terrain Forklifts175	Rough Terrain Forklifts175	Rough Terrain Forklifts	175	3817.9	1.2	459.9	8.301587302	214798.6013	321.2453281	152825.4882	2.452461659	0	0	0	0
Rough Terrain Forklifts300	Rough Terrain Forklifts300	Rough Terrain Forklifts	300	0	0	0	0	2137.03735	1.957884272	747.408055	4.304258654	0	0	0	0
Rough Terrain Forklifts600	Rough Terrain Forklifts600	Rough Terrain Forklifts	600	0	0	0	0	909.6450004	0.215680746	132.562869	13.14421255	0	0	0	0
Rough Terrain Forklifts750	Rough Terrain Forklifts750	Rough Terrain Forklifts	750	0	0	0	0	299.35248973	0.063131491	23.75250871	12.51744807	0	0	0	0
Rough Terrain Forklifts9999	Rough Terrain Forklifts9999	Rough Terrain Forklifts	9999	0	0	0	0	0	0	0	0	0	0	0	0
Rubber Tired Dozers25	Rubber Tired Dozers25	Rubber Tired Dozers	25	0	0	0	0	0	0	0	0	0	0	0	0
Rubber Tired Dozers50	Rubber Tired Dozers50	Rubber Tired Dozers	50	0	0	0	0	915.15621784	1.140700931	437.377381	1.864130224	0	0	0	0
Rubber Tired Dozers75	Rubber Tired Dozers75	Rubber Tired Dozers	75	0	0	0	0	1494.913489	1.897186845	881.5092668	1.695856808	0	0	0	0
Rubber Tired Dozers100	Rubber Tired Dozers100	Rubber Tired Dozers	100	0	0	0	0	2926.403626	3.158827229	1399.505197	2.091027338	0	0	0	0
Rubber Tired Dozers175	Rubber Tired Dozers175	Rubber Tired Dozers	175	0	0	0	0	8880.306172	5.242246562	3067.556557	2.894911967	0	0	0	0
Rubber Tired Dozers300	Rubber Tired Dozers300	Rubber Tired Dozers	300	0	0	0	0	11026.317963	2.3131313963	2412.490183	4.570536766	0	0	0	0
Rubber Tired Dozers600	Rubber Tired Dozers600	Rubber Tired Dozers	600	0	0	0	0	58245.56893	15.46254898	8370.281206	6.938615547	0	0	0	0
Rubber Tired Dozers750	Rubber Tired Dozers750	Rubber Tired Dozers	750	0	0	0	0	1750.084594	0.316459088	162.2505862	10.78630674	0	0	0	0
Rubber Tired Dozers9999	Rubber Tired Dozers9999	Rubber Tired Dozers	9999	0	0	0	0	4918.318652	0.316567455	186.4398152	26.37752537	0	0	0	0
Scrapers25	Scrapers25	Scrapers	25	0	0	0	0	0	0	0	0	0	0	0	0
Scrapers50	Scrapers50	Scrapers	50	0	0	0	0	164.3792038	0.316376784	76.91912772	2.113709364	0	0	0	0
Scrapers75	Scrapers75	Scrapers	75	0	0	0	0	1240.600922	2.463264882	647.4466823	1.916143763	0	0	0	0
Scrapers100	Scrapers100	Scrapers	100	0	0	0	0	5259.642464	1.958993446	608.1531807	2.512262608	0	0	0	0
Scrapers175	Scrapers175	Scrapers	175	0	0	0	0	1127890.751	11.87280753	3385.373434	3.8349580623	0	0	0	0
Scrapers300	Scrapers300	Scrapers	300	0	0	0	0	181874.5876	93.78447814	30264.10703	6.005858143	0	0	0	0
Scrapers600	Scrapers600	Scrapers	600	0	0	0	0	638544.2213	195.834965	64413.59803	9.913189775	0	0	0	0
Scrapers750	Scrapers750	Scrapers	750	0	0	0	0	100690.64885	29.57294547	7985.811917	12.60889777	0	0	0	0
Scrapers9999	Scrapers9999	Scrapers	9999	0	0	0	0	0	0	0	0	0	0	0	0
Skid Steer Loaders25	Skid Steer Loaders25	Skid Steer Loaders	25	37869.52338	214.7502766	0	0	3668.703533	650.4726223	0	0	0	0	0	0
Skid Steer Loaders50	Skid Steer Loaders50	Skid Steer Loaders	50	45968.1	77.63	24093.65	1.907982744	65225.55302	185.757739	71738.61605	0.909211198	0	0	0	0
Skid Steer Loaders75	Skid Steer Loaders75	Skid Steer Loaders	75	0	0	0	0	6551.125247	723.6571368	140394859	0	0	0	0	0
Skid Steer Loaders100	Skid Steer Loaders100	Skid Steer Loaders	100	61480.0	46.45	14413.85	4.265383841	211874.3391	282.410395	132307.8618	1.752536745	0	0	0	0
Skid Steer Loaders175	Skid Steer Loaders175	Skid Steer Loaders	175	0	0	0	0	67441.94891	48.93092769	32148.71334	2.097811774	0	0	0	0
Skid Steer Loaders300	Skid Steer Loaders300	Skid Steer Loaders	300	0	0	0	0	5510.216148	2.65152262	1424.371857	3.886513883	0	0	0	0
Skid Steer Loaders600	Skid Steer Loaders600	Skid Steer Loaders	600	0	0	0	0	3828.795162	0.434.094833	8.20211218	0	0	0	0	0
Skid Steer Loaders750	Skid Steer Loaders750	Skid Steer Loaders	750	0	0	0	0	374.700653	0.063131491	31.27016608	11.98268829	0	0	0	0
Skid Steer Loaders9999	Skid Steer Loaders9999	Skid Steer Loaders	9999	0	0	0	0	28159.66302	1.388892802	663.1528324	42.46310807	0	0	0	0
Surfacing Equipment25	Surfacing Equipment25	Surfacing Equipment	25	1898.405313	8.007582732	0	0	0	0	0	0	0	0	0	0
Surfacing Equipment50	Surfacing Equipment50	Surfacing Equipment	50	0	0	0	0	793.1768021	2.147425307	1024.834566	0.72245943	0	0	0	0
Surfacing Equipment75	Surfacing Equipment75	Surfacing Equipment	75	0	0	0	0	3270.135749	2.085162141	1022.55074	1.242124914	0	0	0	0
Surfacing Equipment100	Surfacing Equipment100	Surfacing Equipment	100	0	0	0	0	1758.075583	1.961223501	935.7122078	1.878863574	0	0	0	0
Surfacing Equipment175	Surfacing Equipment175	Surfacing Equipment	175	0	0	0	0	6229.024304	4.76888763	2047.518473	2.049846023	0	0	0	0
Surfacing Equipment300	Surfacing Equipment300	Surfacing Equipment	300	0	0	0	0	7229.034807	6.60480						

Model Output: OFFROAD2021 (v1.0.7) Emissions Inventory

Region Type: County

Region: Orange

Calendar Year: 2026

Scenario: All Adopted Rules - Exhaust

Vehicle Classification: OFFROAD2021 Equipment Types

Units: tons/day for Emissions, gallons/year for Fuel, hours/year for Activity, Horsepower-hours/year for Horsepower-hours

Orange	2026 Agricultural - Agricultural Tractors	Aggregate	100 Diesel	7.74418E-08	9.36719E-08	1.11477E-07	1.17232E-06	2.81563E-05	2.74566E-05	2.8177E-09	2.55228E-09	1.39049E-08	1.21920E06	6.80348E75	0.003666863	32.39051367		
Orange	2026 Agricultural - Agricultural Tractors	Aggregate	100 Diesel	0.001438547	0.001740641	0.002071507	0.00138826	6.01264231	2.184648678	0.000924073	0.000846835	1.99396E-05	71059.56646	2476.523589	37.17194740	2539951.114		
Orange	2026 Agricultural - Agricultural Tractors	Aggregate	175 Gasoline	8.90111E-08	1.07703E-07	6.5987E-07	1.42732E-06	6.5987E-07	6.1847E-05	6.15609E-09	5.6638E-07	7.43154E-10	6.67205E-10	8.8880405	4496826207	0.006267959	70.77959875	
Orange	2026 Agricultural - Agricultural Tractors	Aggregate	175 Diesel	0.000541365	0.000545408	0.0005453497	1.009491099	0.0005453497	0.0005453497	0.0005453497	0.0005453497	0.0005453497	8.26856E-06	3.286843054	2457.721913	13.74345658	130064.140	
Orange	2026 Agricultural - Agricultural Tractors	Aggregate	25 Gasoline	2.30536E-06	2.78949E-06	3.13972E-06	2.80574E-05	4.61728E-05	7.55125E-05	5.05066E-08	4.60521E-08	6.15656E-10	2.447284364	87.1399825	0.034257726	65.31417958	55881.69954	
Orange	2026 Agricultural - Agricultural Tractors	Aggregate	25 Diesel	0.000140541	0.000170055	0.000202319	0.000080575	0.04737728	3.13711E-05	2.50145E-05	1.29149E-07	3.87674E-07	1.50145E-05	794.969006	4.496939511	0.000140541	105.450954	
Orange	2026 Agricultural - Agricultural Tractors	Aggregate	300 Diesel	0.00202017	0.00249466	0.00296885	0.004175086	0.002545868	0.70054862	0.2054865	0.46463E-05	6.40085E-06	5.73165E-06	2783.65887	1493.059355	3.244007111	6039.115968	
Orange	2026 Agricultural - Agricultural Tractors	Aggregate	50 Gasoline	0.00299448	0.00362387	0.00431726	0.01229421	0.00940683	0.00077374	0.000710584	0.56186E-05	9.51359E-06	37624.2681	2960.07255	49.790372	155170.395	140598278	
Orange	2026 Agricultural - Agricultural Tractors	Aggregate	50 Diesel	0.000126221	0.000128527	0.000125958	0.000821115	0.000794555	0.37669285	3.51964E-05	3.23807E-05	3.44218E-06	1225.81355	1040.211586	0.000126221	105.450954	105.450954	
Orange	2026 Agricultural - Agricultural Tractors	Aggregate	75 Gasoline	4.7719E-08	5.77435E-08	8.87195E-08	7.69927E-07	1.76346E-07	2.7618E-05	1.7875E-09	1.6445E-09	2.1129E-10	1.93732E-10	7.0709982	13.7867297	0.004193121	20.5182632	
Orange	2026 Agricultural - Agricultural Tractors	Aggregate	75 Diesel	0.001618346	0.001958346	0.002330593	0.008525257	0.013400343	1.204419394	0.000847836	0.000780009	1.09683E-07	8.95552E-07	39176.28126	264.734598	35.6462321	1400296.020	
Orange	2026 Agricultural - ATVs	Aggregate	100 Gasoline	1.57948E-05	1.91118E-05	2.27446E-05	0.000075871	0.000439814	3.41511E-06	0.000439814	0.000439814	0.000439814	7.30135E-07	1471.307309	52.4170885	1.87155653	17183.13307	
Orange	2026 Agricultural - ATVs	Aggregate	175 Gasoline	1.69778E-05	2.05411E-05	2.4448E-05	0.000044954	0.000483244	4.50303E-06	4.53155E-06	4.53155E-06	4.53155E-06	5.96291E-07	12.2124502	29.50680552	1.64543425	67964.472	
Orange	2026 Agricultural - ATVs	Aggregate	175 Diesel	4.25701E-06	5.15099E-06	6.1801E-06	1.2168E-07	3.9881E-07	0.00016593	1.60329E-08	1.4703E-08	1.5165E-09	5.35779E-09	5.97280876	70.8646365	0.000147421	257.3635202	
Orange	2026 Agricultural - ATVs	Aggregate	25 Gasoline	0.00131642	0.00159676	0.001900284	0.017072037	0.006268311	0.0624835	0.54066E-05	5.01774E-05	5.12212E-07	2036.07947	269.5138619	11.27881689	65204.81556	65204.81556	
Orange	2026 Agricultural - ATVs	Aggregate	25 Diesel	2.62249E-05	3.17322E-05	3.77639E-05	0.000246948	0.000238881	0.006882303	9.64035E-06	8.86912E-06	3.36031E-07	3.10105E-07	1199.691483	294.2931127	3.569900904	51457.3564	
Orange	2026 Agricultural - ATVs	Aggregate	25 Electric	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Orange	2026 Agricultural - ATVs	Aggregate	50 Gasoline	3.74099E-05	4.52659E-05	5.38702E-05	0.000254394	9.66446E-06	0.06798959	5.11525E-06	4.76003E-06	1.8603E-07	5.54398E-07	2201.764778	198.4175507	6.24491157	15707.42109	
Orange	2026 Agricultural - ATVs	Aggregate	50 Diesel	6.71507E-05	8.12524E-05	9.6697E-05	0.000707397	0.00006626	1.08630128	1.88846E-05	1.73739E-05	9.91616E-07	8.8889E-07	3533.387248	515.0024502	6.641643744	151554.6031	
Orange	2026 Agricultural - ATVs	Aggregate	75 Gasoline	1.02292E-05	1.23774E-05	1.47301E-05	0.00055146	2.82105E-05	0.02099492	1.57937E-06	1.45302E-06	9.91037E-07	1.71174E-07	860.426231	99.50478191	1.78054287	2109.50973	
Orange	2026 Agricultural - Bale Wagons (Self Propelled)	Aggregate	175 Diesel	7.88427E-08	9.53997E-08	1.13534E-07	7.96488E-07	7.0758E-07	0.000135747	3.49734E-08	3.21756E-08	1.23931E-09	1.11078E-09	4.41547236	135.0310558	0.000123871	168.439165	
Orange	2026 Agricultural - Bale Wagons (Self Propelled)	Aggregate	300 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Orange	2026 Agricultural - Bale Wagons (Self Propelled)	Aggregate	75 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Orange	2026 Agricultural - Combine Harvesters	Aggregate	175 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Orange	2026 Agricultural - Combine Harvesters	Aggregate	300 Diesel	3.4015E-08	4.11581E-08	4.89816E-08	1.8895E-07	3.50884E-06	0.00072933	1.54503E-07	1.42226E-07	6.66096E-09	5.96794E-09	23.7229E04	40.9334604	0.009419031	1019.7191403	
Orange	2026 Agricultural - Combine Harvesters	Aggregate	600 Diesel	7.22204E-05	8.29367E-05	9.91974E-05	0.000208632	0.000387425	0.000350756	1.5887E-05	1.06616E-05	5.54398E-07	2.0605942	603.939598	0.266104393	8783.82395	8783.82395	
Orange	2026 Agricultural - Combine Harvesters	Aggregate	750 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Orange	2026 Agricultural - Combine Harvesters	Aggregate	9999 Diesel	3.02936E-07	3.66537E-07	4.34228E-07	2.2566E-06	4.43138E-06	0.000635915	1.30094E-07	1.19868E-07	5.80758E-09	5.20351E-09	20.68477592	109.6301118	0.00122563	889.1053903	
Orange	2026 Agricultural - Construction Equipment	Aggregate	100 Diesel	5.92915E-06	7.21571E-06	8.69033E-06	5.65347E-06	1.00013E-05	3.43624E-06	3.16786E-06	3.16786E-06	3.16786E-06	4.14106E-06	323.11878	87.00277076	0.266677031	1380.81148	
Orange	2026 Agricultural - Construction Equipment	Aggregate	175 Diesel	4.94579E-05	5.9844E-05	7.12193E-05	0.000581162	0.000551702	0.1015595	2.35247E-05	2.16427E-05	9.27472E-07	8.31032E-07	3303.402549	183.1631227	2.15504483	15719.1871	
Orange	2026 Agricultural - Construction Equipment	Aggregate	300 Diesel	7.56653E-06	9.1555E-06	1.08958E-05	7.77344E-05	0.01395289	8.57406E-05	3.30054E-06	1.2746E-07	1.14173E-07	4.538456676	191.112895	0.1163222	2164.1411	2164.1411	
Orange	2026 Agricultural - Construction Equipment	Aggregate	50 Diesel	2.00105E-06	2.42127E-06	2.88515E-06	9.70424E-06	7.60657E-06	0.00130268	4.64709E-07	4.27532E-07	1.02784E-08	9.24866E-09	36.7639704	40.9334604	0.038661023	1576.88033	
Orange	2026 Agricultural - Construction Equipment	Aggregate	75 Diesel	4.22716E-05	5.12716E-05	6.15075E-05	3.26055E-05	4.18086E-05	6.07222008	1.97058E-06	1.82204E-06	6.59232E-08	5.90956E-08	234.908952	46.18095801	1.021721628	11201.36228	
Orange	2026 Agricultural - Construction Equipment	Aggregate	75 Diesel	1.56194E-07	1.88995E-07	2.2492E-07	1.89385E-06	1.64365E-06	0.00013822	7.03008E-08	6.46822E-08	1.75904E-09	1.57781E-09	6.237187702	13.0310395	0.004908017	269.014531	
Orange	2026 Agricultural - Cotton Pickers	Aggregate	600 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Orange	2026 Agricultural - Forage & Silage Harvesters	Aggregate	600 Diesel	1.1137E-06	1.34706E-06	1.60311E-06	9.87016E-06	1.04405E-05	0.00251642	4.63801E-07	4.26997E-07	2.29841E-08	2.05911E-08	81.85100598	1.10325841	0.006652604	3518.33107	
Orange	2026 Agricultural - Forage & Silage Harvesters	Aggregate	750 Diesel	1.52091E-06	1.80021E-06	2.18013E-06	7.70361E-06	8.12702E-06	1.15778E-07	1.0471493	9.23615E-06	1.04677E-07	1.04677E-07	1.04677E-07	1.04677E-07	1.04677E-07	1.04677E-07	
Orange	2026 Agricultural - Forage & Silage Harvesters	Aggregate	9999 Diesel	5.12917E-06	6.2063E-06	7.4613E-06	4.16439E-05	7.38017E-02	2.04490E-06	2.21213E-06	7.64075E-08	8.85026E-08	272.3021432	47.1411086	0.015746165	11704.79933	11704.79933	
Orange	2026 Agricultural - Forklifts	Aggregate	100 Diesel	1.80039E-05	2.18578E-05	2.60119E-05	0.000152749	0.000140709	0.00088123	1.02188E-06	9.95577E-06	2.68033E-07	2.03407E-07	80.554479	398.2313102	0.52689822	34680.66603	34680.66603
Orange	2026 Agricultural - Forklifts	Aggregate	175 Diesel	1.88736E-05	2.2837E-05	2.7178E-05	1.82101E-05	0.000249634	8.37226E-07	7.70248E-07	2.96675E-08	2.89308E-08	5.0570018	141.3878826	0.05258072	5046.195315	5046.195315	
Orange	2026 Agricultural - Forklifts	Aggregate	175 Diesel	7.79378E-06	9.31921E-06	1.09392E-05	6.00011412	0.0161151	6.6815E-06	1.44681E-06	1.48379E-07	1.33947E-07	530.361978	537.067587	1.735263188	2276.94318	2276.94318	
Orange	2026 Agricultural - Forklifts	Aggregate	75 Diesel	7.08195E-05	8.48052E-05	0.000101004	0.000339763	0.00064911	0.08773524	3.16974E-05	2.91616E-05	7.19712E-07	2853.14384	1038.593707	2.201410388	12240.31	12240.31	
Orange	2026 Agricultural - Hay Squeeze/Stack Retriever	Aggregate	175 Diesel	2.57896E-07	3.12054E-07	3.7137E-07	2.77722E-06	1.0796E-07	4.14208E-08	1.71237E-09	1.71237E-09	1.71237E-09	1.71237E-09	1.71237E-09	1.71237E-09	1.71237E-09	1.71237E-09	
Orange	2026 Agricultural - Hay Squeeze/Stack Retriever	Aggregate	300 Diesel	6.74716E-06	8.16407E-06	9.71592E-06	3.76613E-05	6.96009E-05	0.004466884	3.06649E-06	2.82117E-06	1.32126E-07	1.18379E-07	470.564757	150.07472	0.12574848		

Orange	2026 Airport Ground Support - Cargo Loader	Aggregate	600 Diesel	2.2239E-05	2.69092E-05	3.20242E-05	0.00016535	0.00020445	5.852155E-06	5.83898E-06	7.812636E-07	0	2686.870941	449.902095	0.629530358	53775.3985	
Orange	2026 Airport Ground Support - Cargo Loader	Aggregate	75 Diesel	3.19955E-05	3.87145E-05	4.60735E-05	0.000050786	0.00042467	0.002662169	4.82154E-06	4.43826E-06	8.05393E-07	0	762.779332	195.418088	3.778444028	47266.71917
Orange	2026 Airport Ground Support - Cargo Tractor	Aggregate	100 Diesel	1.46027E-06	1.77345E-06	2.13108E-06	0.000117799	0.000317774	1.20088E-06	1.10482E-06	1.23122E-07	0	2481.257373	1298.747452	3.602924007	39865.93066	
Orange	2026 Airport Ground Support - Cargo Tractor	Aggregate	175 Diesel	7.14832E-06	8.64402E-06	1.02871E-05	0.000130848	6.37862E-06	3.06433E-06	2.81919E-06	2.15482E-07	0	736.093819	289.433065	0.395950262	14677.83727	
Orange	2026 Airport Ground Support - Cargo Tractor	Aggregate	300 Diesel	1.6122E-05	1.97496E-05	2.30630E-05	0.000014317	0.000179154	7.37677E-06	6.78663E-06	3.95898E-07	0	1358.075837	593.737692	0.629387	26921.94992	
Orange	2026 Airport Ground Support - Cargo Tractor	Aggregate	50 Diesel	1.6122E-05	1.97496E-05	2.30630E-05	0.000014317	0.000179154	7.37677E-06	6.78663E-06	3.95898E-07	0	1358.075837	593.737692	0.629387	26921.94992	
Orange	2026 Airport Ground Support - Cargo Tractor	Aggregate	600 Diesel	3.52255E-05	4.26592E-05	5.07681E-05	0.000126593	1.26357E-06	4.16249E-06	1.14298E-07	0	252.048041	49.5962038	0.7078666	777.510018		
Orange	2026 Airport Ground Support - Cargo Tractor	Aggregate	75 Diesel	5.09244E-05	6.16185E-05	7.3311E-05	0.000090745	0.000730799	0.16791231	1.37766E-05	1.5906E-06	0	5456.337129	396.9328082	7.925100937	79478.66646	
Orange	2026 Airport Ground Support - Forklift	Aggregate	100 Diesel	2.9844E-05	3.56756E-05	4.25669E-05	0.000041292	0.000317774	2.15398E-06	1.98661E-06	7.329E-07	0	254.115304	258.477403	3.4669395	43181.3868	
Orange	2026 Airport Ground Support - Forklift	Aggregate	175 Diesel	6.45025E-05	7.85666E-05	9.45072E-05	0.000010896	0.00014522	0.000329688	1.76087E-06	1.76087E-06	0	6040.410091	4789.5485076	11.962910017	119763.0293	
Orange	2026 Airport Ground Support - Forklift	Aggregate	300 Diesel	1.19925E-05	1.45105E-05	1.72650E-05	0.00014522	0.00631713	6.55951E-06	8.5075E-06	2.45097E-07	0	85.176894	39.17066033	0.670795192	16583.11389	
Orange	2026 Airport Ground Support - Forklift	Aggregate	50 Diesel	5.47231E-06	6.62148E-06	7.88012E-06	0.00019125	6.16202E-06	1.53817E-06	1.68893E-06	0	296.030389	457.073256	0.98479242	3397.70025		
Orange	2026 Airport Ground Support - Forklift	Aggregate	600 Diesel	5.46289E-06	6.6101E-06	7.86556E-06	5.58140E-05	0.001420017	2.51009E-06	2.30984E-06	1.38493E-07	0	475.0800074	141.642002	0.27585237	9581.90837	
Orange	2026 Airport Ground Support - Fuel Truck	Aggregate	75 Diesel	1.93544E-05	2.34020195E-05	2.81781E-05	0.000049551	1.41051E-06	4.87786E-06	1.18123E-06	0	1551.545161	1987.61716	5.400836	2594.8037469		
Orange	2026 Airport Ground Support - Fuel Truck	Aggregate	175 Diesel	1.04305E-06	1.25967E-06	1.49911E-06	8.48461E-06	0.000433749	4.59375E-07	4.22265E-07	4.29484E-08	0	147.3162014	22.46413238	0.039333	2920.337029	
Orange	2026 Airport Ground Support - Fuel Truck	Aggregate	300 Diesel	4.00752E-06	4.8491E-06	5.77083E-06	2.26274E-07	3.9687E-05	1.48502E-06	1.36704E-06	1.03358E-07	0	354.5562868	79.90371533	0.117999	7028.581426	
Orange	2026 Airport Ground Support - Fuel Truck	Aggregate	600 Diesel	1.10626E-07	1.33174E-06	1.54849E-06	6.53508E-06	7.9925E-06	0.000322401	3.26030E-07	3.00475E-07	0	114.4610324	19.90377865	0.039333	2269.029535	
Orange	2026 Airport Ground Support - Generator	Aggregate	100 Diesel	1.12846E-07	1.3357E-07	1.62129E-07	1.05910E-06	1.49540E-06	6.83458E-06	6.28781E-06	1.11625E-09	0	10.6807794	6.68830204	0.039333	150.616738	
Orange	2026 Airport Ground Support - Generator	Aggregate	175 Diesel	9.3894E-07	1.1357E-06	1.35158E-06	1.06738E-06	0.00032744	5.10772E-07	4.9071E-07	2.24737E-08	0	77.6991149	18.3615589	0.039333	1528.250914	
Orange	2026 Airport Ground Support - Lift	Aggregate	100 Diesel	1.70547E-05	2.06362E-05	2.45588E-05	0.00038975	0.00164636	0.07312227	1.08127E-05	9.9477E-06	0	2376.120918	1184.405555	2.66071504	33902.66413	
Orange	2026 Airport Ground Support - Lift	Aggregate	175 Diesel	2.01838E-05	2.461E-05	2.92879E-05	0.000393804	0.00015526	0.06893454	5.65132E-06	6.0384E-07	0	271.714452	111.008756	1.574607807	42983.5684	
Orange	2026 Airport Ground Support - Lift	Aggregate	300 Diesel	4.74006E-06	5.73551E-06	6.83173E-06	3.34641E-06	5.42703E-06	0.01739516	1.68039E-06	1.62359E-07	0	556.951535	147.6940055	0.239398	11040.7841	
Orange	2026 Airport Ground Support - Lift	Aggregate	50 Diesel	1.81452E-05	2.19557E-05	2.61291E-05	0.000709198	0.00023657	0.04412002	1.19277E-06	4.17865E-07	0	1433.42784	1429.695738	3.621063635	22734.17691	
Orange	2026 Airport Ground Support - Lift	Aggregate	75 Diesel	2.10143E-05	2.54727E-05	3.02606E-05	0.000318655	0.000284197	0.92504E-06	6.37104E-06	2.58006E-07	0	1814.339109	1407.749209	2.912658992	30658.30588	
Orange	2026 Airport Ground Support - Misc - A/C Truck Narrow Bed/Aggregate	175 Gasoline	0.00032772	0.000301437	0.00360636	0.01424626	0.002080188	0.53467631	1.97844E-05	0.000442E-05	5.51131E-06	0	2231.45	239.65	3.22	30415.45	
Orange	2026 Airport Ground Support - Misc - A/C Truck Wide Body	175 Gasoline	0.00015859	0.00014568	0.00171264	0.01694683	0.001478202	0.04832553	3.65894E-06	2.69279E-05	4.94805E-06	0	7.9034E-06	1923.31	55.15	1.06	
Orange	2026 Airport Ground Support - Misc - Air Conditioner	175 Gasoline	1.28492E-07	1.18187E-07	1.41398E-07	1.53494E-05	0.000496876	3.56207E-08	2.69135E-08	4.93955E-09	1.27886E-09	0	3.65	0	0.08	0	
Orange	2026 Airport Ground Support - Misc - Air Conditioner	175 Nat Gas	0	0	6.17294E-08	6.58848E-05	6.94917E-06	0.00207021	0	0	0	0	149.65	0	0.61	0	
Orange	2026 Airport Ground Support - Misc - Air Start Unit	175 Gasoline	1.33459E-05	0	1.27705E-05	1.46405E-05	0.000174803	0.000146884	0.004700904	3.30494E-06	2.54052E-06	0	44.009E-06	6.52177E-07	186.15	21827	
Orange	2026 Airport Ground Support - Misc - Baggage Truck	100 Gasoline	0.00026060	0.00247444	0.00029648	0.00029648	0.001613202	0.00790466	0.00034144	0.00039444	0.00039444	0	37.3125E-06	0.60909E-06	38065.85	43.37	
Orange	2026 Airport Ground Support - Misc - Baggage Truck	100 Nat Gas	0	0	8.41288E-05	0.00358641	0.00388002	0.00438256	0	0.000579E-06	0	0	4494.24	717.95	8.63	717590	
Orange	2026 Airport Ground Support - Misc - Belt Loader	100 Gasoline	0.000051591	0.000095934	0.000717036	0.000179223	0.003706727	1.16774005	8.41176E-05	6.15156E-05	1.1282E-05	0	4769.25	1663.05	20.52	997983	
Orange	2026 Airport Ground Support - Misc - Belt Loader	100 Gasoline	0	0	0.00011133	0.000754641	0	0	0	0	0	0	427.15	0	2.3	7555	
Orange	2026 Airport Ground Support - Misc - Bobtail	100 Gasoline	0	0	0.00001328	0.00001328	0	0	0	0	0	0	0	0	0	0	0
Orange	2026 Airport Ground Support - Misc - Bobtail	100 Gasoline	0.00043258	0.00039768	0.00045793	0.002227657	0.002512307	0.97804652	5.84739E-05	4.14603E-05	7.60385E-06	0	31.755	6113.75	6.97	61175	
Orange	2026 Airport Ground Support - Misc - Bobtail	100 Nat Gas	0	0	1.03944E-06	0.000700825	6.37966E-05	0.019403174	0	0	0	0	1062.15	17.15	0.2	17155	
Orange	2026 Airport Ground Support - Misc - Cargo Loader	100 Gasoline	0.000179145	0.000164778	0.000191139	0.010134509	0.0322166137	2.24622E-05	1.69714E-05	3.11257E-06	4.5585E-06	0	1301.25	3938.35	5.48	275484.5	
Orange	2026 Airport Ground Support - Misc - Cargo Loader	100 Nat Gas	0	0	0.00027928E-06	0.000000000	0.000000000	0.000000000	0	0	0	0	308.15	0.9	0.8	67195.5	
Orange	2026 Airport Ground Support - Misc - Cargo Tractor	100 Gasoline	0.000485707	0.000467935	0.005345391	0.467679782	0.023556595	5.473720837	0.000381642	0.00023851	4.51571E-05	0	8.25138E-05	35952.9	452.31	33.74	
Orange	2026 Airport Ground Support - Misc - Cargo Tractor	175 Nat Gas	0	0	2.89633E-06	0.000256065	0.00025881	0.006758924	0	0	0	0	5277.9	573.05	3.68	89166.58	
Orange	2026 Airport Ground Support - Misc - Cart	15 Gasoline	2.28186E-05	2.30488E-05	2.51106E-05	0.00128474	1.37196E-06	5.02842E-07	0.0619E-06	3.82456E-08	1.99459E-08	0	7.532E-08	78.781163	0	1.8516246E-06	
Orange	2026 Airport Ground Support - Misc - Catering Truck	300 Gasoline	0.000062324	0.000609919	0.00062324	0.00062324	0.00366302	9.881425374	6.50232E-06	4.91286E-07	7.69965E-06	0	2.5119E-05	37.425	3748.5	1.71	
Orange	2026 Airport Ground Support - Misc - Catering Truck	300 Nat Gas	0	0	2.98001E-06	0.000200196	0.000201733	0.006750179	0	0	0	0	366.95	310.25	2.68	63601.25	
Orange	2026 Airport Ground Support - Misc - Deicer	100 Gasoline	4.87896E-06	4.48398E-06	5.36459E-06	0.000184648	3.34044E-06	8.4005E-07	0.012054234	8.4005E-07	1.62393E-07	0	463.55	62.05	2.65	5770.65	
Orange	2026 Airport Ground Support - Misc - Forklift	50 Gasoline	0.000188569	0.00017362	0.000202788	0.017610417	0.000414026	0.132394154	1.88898E-06	6.94297E-06	1.626508E-06	0	611.73	3763.15	5.17	8866.5	
Orange	2026 Airport Ground Support - Misc - Forklift	100 Gasoline	0.00000238E-06	0.00000238E-06	0.00000238E-06	0.00000238E-06	0.00000238E-06	0.00000238E-06	0.00000238E-06	0.00000238E-06	0.00000238E-06	0	0	0	0	0	0
Orange	2026 Airport Ground Support - Misc - Fuel Truck	175 Gasoline	1.34308E-06	1.2357E-06	1.47798E-06	0.000150635	1.59802E-06	0.000520796	3.72913E-07	2.81757E-07	1.61744E-06	0	20.14	62.05	3.19	1801.75	
Orange	2026 Airport Ground Support - Misc - Fuel Truck	175 Nat Gas	0	0	8.11637E-07	0.000500591	5.04961E-05	0.01642858	0	0	0	0	888.3	229.95	0.41	32193	
Orange	2026 Airport Ground Support - Misc - Generator	100 Gasoline	4.91234E-05	4.5137E-05	5.40573E-05	0.000360925	0.000005728	0.04569034	3.20447E-06	2.42115E-06	3.79453E-07	0	195.64	229.95	0.24	2404.65	
Orange	2026 Airport Ground Support - Misc - Generator	175 Gasoline	0.00021800E-06	0.00021800E-06	0.00021800E-06	0.00021800E-06	0.00021800E-06	0.00021800E-06	0.00021800E-06	0.00021800E-06	0.00021800E-06	0	0	0	0	0	0
Orange	2026 Airport Ground Support - Misc - Hydrant Truck	175 Gasoline	0.000899047	0.000826844	0.000989347	0.044195718	0.004172629	0.931751845	6.575E-05	4.96778E-05	7.87571E-06	0	1.31244E-05	3746.3	4734.05	3.1	57587.075
Orange	2026 Airport Ground Support - Misc - Lav Cart	15 Gasoline	1.96614E-06	1.9858E-06	2.16362E-06	0.000110786	4.1365E-06	4.36554E-06	1.2984E-06	1.72011E-09	2.37438E-09	0	6.750704824	0	0.150689472	0	
Orange	2026 Airport Ground Support - Misc - Lav Truck	175 Gasoline	0.000233979	0.000215214	0.000257348	0.017490493	0.001490713	0.446435285	1.19844E-05	4.41208E-06	6.28444E-06	0	179.61	600.71	4.97	744203	
Orange	2026 Airport Ground Support - Misc - Lav Truck	175 Nat Gas	0	0	0.000000000	0.000000000	0.000000000	0.000000000	0	0	0	0	48.4	442.39	1.35	18055.1	
Orange	2026 Airport Ground Support - Misc - Lift	100 Gasoline	0.000267452	0.000246002	0.000294314	0.0162869017	0.039931965	2.7388E-05	2.10323E-05	3.8575E-06	5.64828E-06	0	16107.45	3420.05	9.06	384205	
Orange	2026 Airport Ground Support - Misc - Lift	100 Nat Gas	0	0	6.81238E-07	0.000418417	4.097138E-07	0.011818037	0	0	0						

Orange	2026 Construction and Mining - Bore/Drill Rigs	Aggregate	100 Diesel	0.000117324	0.000142204	0.000169134	0.000102694	0.000443438	8.93644e-05	0.236391e-06	0	8108.087416	3266.899616	6.377245756	143438.1325	
Orange	2026 Construction and Mining - Bore/Drill Rigs	Aggregate	175 Diesel	0.000630031	0.000762337	0.000907244	0.000150925	0.005510876	1.748440292	0.00023751	0.000236725	0.174025e-05	0.5493.27677	10414.23359	25.27144562	
Orange	2026 Construction and Mining - Bore/Drill Rigs	Aggregate	300 Diesel	0.000715946	0.000919334	0.00011318	0.000724352	0.000166151	0.000184845	0.000292983	0.196927e-05	0.68441.16116	12157.42042	19.77289449	1374161.4027	
Orange	2026 Construction and Mining - Bore/Drill Rigs	Aggregate	50 Diesel	8.26915e-05	0.000100056	0.000119075	0.00071933	0.00005834	0.0838311	0.238255e-05	0.263995e-05	7.94323e-07	0.2724.496474	2446.265285	5.176782262	
Orange	2026 Construction and Mining - Bore/Drill Rigs	Aggregate	600 Diesel	0.000103128	0.000174665	0.0001488425	0.000117878	0.0002545096	0.000412034	0.000179071	0.000289375	0.88449.17092	9787.737628	16.89894732	1087569.815	
Orange	2026 Construction and Mining - Bore/Drill Rigs	Aggregate	75 Diesel	0.000151259	0.000183409	0.000146779	0.000123817	0.000157856	0.146802134	0.177668e-05	0.130741e-05	0.0523.23408	5857.31117	12.65994236	186276.3889	
Orange	2026 Construction and Mining - Bore/Drill Rigs	Aggregate	750 Diesel	0.000037168	0.000044339	0.0000354751	0.0002437951	0.0003324965	1.250625497	0.000142854	0.000131425	0.40639.30384	2497.966485	4.20067297	816138.1408	
Orange	2026 Construction and Mining - Bore/Drill Rigs	Aggregate	999 Diesel	0.000214724	0.000147002	0.000147945	0.000078092	0.001449195	0.001994845	0.401984e-05	0.32645e-06	0.134688.9701	326.191414	1.073235347	1070230.4557	
Orange	2026 Construction and Mining - Bucket	Aggregate	100 Diesel	9.48541e-06	1.147778e-05	1.36595e-05	0.000011636	1.943748e-05	0.019182382	6.91486e-06	0.361671e-06	1.81711e-07	0.332348529	356.2602991	0.69446401	11115.00856
Orange	2026 Construction and Mining - Bucket	Aggregate	175 Diesel	1.247018e-05	1.62021e-05	1.44015e-05	0.000017451	2.082627e-05	0.000120435	0.000134856	0.000129883	0.242648e-07	0.001.540735	407.6200203	0.69446401	11115.00856
Orange	2026 Construction and Mining - Bucket	Aggregate	300 Diesel	0.00022875e-05	3.052673e-05	3.00033615	0.000013615	0.000033615	0.000326684	0.000326684	0.26099e-06	0.2610.254956	513.730304	0.820709383	0.51453842	1070230.4557
Orange	2026 Construction and Mining - Bucket	Aggregate	50 Diesel	4.925285e-06	5.96362e-06	7.08515e-06	5.03397e-06	0.00568365	0.168876e-06	0.152616e-06	0.239167e-06	0	0.2140266034	246.8404397	0.568184319	3816.410243
Orange	2026 Construction and Mining - Bucket	Aggregate	75 Diesel	7.65834e-06	9.266596e-06	1.10282e-05	0.000111759	0.000101216	0.001868717	0.201511e-06	0.193393e-06	0.176837e-07	0.4063.91703	418.124199	0.820709383	1087569.815
Orange	2026 Construction and Mining - Bucket	Aggregate	75 Diesel	1.740516e-05	2.081661e-05	2.081661e-05	0.000017789	0.000017789	0.000017789	0.000017789	0.000017789	0.000017789	0.2074.61616	415.0793216	0.568184319	3816.410243
Orange	2026 Construction and Mining - Compactor	Aggregate	100 Diesel	2.113759e-06	2.562282e-06	3.04933e-06	5.30957e-06	0.297997e-05	0.009014738	0.243155e-06	0.234666e-06	0.853949e-06	0.292.9354963	171.1481516	0.37788964	5223.485476
Orange	2026 Construction and Mining - Compactor	Aggregate	175 Diesel	4.247727e-05	5.139755e-05	6.116721e-05	0.000292667	0.000292667	0.000292667	0.000292667	0.000292667	0.000292667	0.5062.07008	2043.221409	0.303115568	10048.4431
Orange	2026 Construction and Mining - Compactor	Aggregate	300 Diesel	1.060505e-05	1.288716e-05	1.531688e-05	0.810382e-05	6.327296e-05	0.039799697	0.289919e-06	0.266725e-06	0.736138e-07	0.1292.03131	401.6306641	0.505051928	25612.13079
Orange	2026 Construction and Mining - Compactor	Aggregate	50 Diesel	2.779501e-06	3.426571e-06	4.177427e-06	6.77274e-06	0.000012399	0.000012399	0.000012399	0.000012399	0.000012399	0.112.254642	460.5319178	0.09999996	1.073235347
Orange	2026 Construction and Mining - Compactor	Aggregate	600 Diesel	2.368424e-05	2.865795e-05	3.410525e-05	0.000196678	0.000141746	0.001775669	0.563802e-06	0.118711e-06	0.3707.256007	471.0379764	0.694750641	0.694750641	1317.65725
Orange	2026 Construction and Mining - Compactor	Aggregate	75 Diesel	3.87392e-06	4.686216e-06	5.576971e-06	6.05371e-06	0.000131957	0.00023457e-06	0.755511e-07	0.977533e-08	0.335.1293029	405.2410222	0.568184319	5979.413511	
Orange	2026 Construction and Mining - Compactor	Aggregate	999 Diesel	5.420026e-06	6.558231e-06	7.884083e-06	5.710141e-05	0.039794961	1.778411e-06	0.163641e-06	0.281898e-07	0.965.267815	33.76002409	0.063131491	19135.00279	
Orange	2026 Construction and Mining - Concrete Mixer	Aggregate	300 Diesel	2.523424e-05	3.054323e-05	3.614939e-05	5.484077e-05	0.00083355	8.893171e-07	0.739601e-07	0.367958e-08	0.287.047408	120.1411482	0.568184319	5979.413511	
Orange	2026 Construction and Mining - Concrete Mixer	Aggregate	50 Diesel	1.619486e-06	1.959576e-06	2.332062e-06	2.6778e-06	0.24056e-06	0.010557223	0.189276e-07	0.477413e-07	0.100011e-07	0.343.0750568	181.7819193	0.126262982	6800.981213
Orange	2026 Construction and Mining - Concrete Mixer	Aggregate	75 Diesel	1.619486e-06	1.959576e-06	2.332062e-06	2.6778e-06	0.24056e-06	0.010557223	0.189276e-07	0.477413e-07	0.100011e-07	0.343.0750568	181.7819193	0.126262982	6800.981213
Orange	2026 Construction and Mining - Concrete Mixer	Aggregate	600 Diesel	2.17528e-06	2.632096e-06	3.121241e-06	1.53717e-05	0.177722e-05	0.000897546	0.883947e-07	0.333226e-07	0.760251e-08	0.262.860656	43.2084736	0.063131491	5210.94575
Orange	2026 Construction and Mining - Concrete Mixer	Aggregate	75 Diesel	1.75293e-07	2.129367e-07	2.519367e-07	4.181962e-07	0.000121289	0.120278e-07	0.110656e-07	0.115701e-08	0.8.6895121	33.3204061	0.063131491	707.7254255	
Orange	2026 Construction and Mining - Concrete Pump	Aggregate	100 Diesel	2.828918e-06	3.424076e-06	4.07493e-06	3.18989e-06	0.484131e-06	0.000475049	0.200946e-06	0.200946e-06	0.200946e-06	0.75.3980252	35.6649689	0.025813688	4505.972088
Orange	2026 Construction and Mining - Concrete Pump	Aggregate	175 Diesel	3.783781e-05	4.578386e-05	5.448655e-05	0.000200025	0.0002467	0.1353419e-05	0.819752e-06	0.820387e-06	0.128207e-06	0.497.960769	148.6463795	0.202027712	87183.40789
Orange	2026 Construction and Mining - Concrete Pump	Aggregate	300 Diesel	1.350038e-05	1.633535e-05	1.944045e-05	0.000101618	4.897408e-06	0.000426693	0.295646e-06	0.275674e-06	0.154344e-07	0.1764.387974	409.1326799	0.757577892	494975.1855
Orange	2026 Construction and Mining - Concrete Pump	Aggregate	50 Diesel	1.072936e-05	1.294296e-05	1.54001e-05	8.227744e-06	5.153544e-06	0.000181243	0.127078e-06	0.127078e-06	0.000127078	0.24.1760802	24.4837152	0.063131491	431.0964012
Orange	2026 Construction and Mining - Concrete Pump	Aggregate	600 Diesel	3.913631e-05	4.738495e-05	5.635635e-05	0.000420171	0.000488112	0.127948204	0.149831e-06	0.137046e-05	0.211298e-06	0.415.32752	592.3302471	1.136638683	8247.08103
Orange	2026 Construction and Mining - Concrete Pump	Aggregate	75 Diesel	4.56976e-06	5.52944e-06	6.580455e-06	0.000049473	0.000093474	0.169381e-06	0.150486e-06	0.846393e-08	0.280.343543	218.08111	0.419240347	3117.762028	
Orange	2026 Construction and Mining - Crane less than 35ton	Aggregate	100 Diesel	4.277321e-05	5.139755e-05	6.116721e-05	0.000292667	0.000292667	0.000292667	0.000292667	0.000292667	0.000292667	0.408.8785815	277.4109846	0.325761311	7296.527108
Orange	2026 Construction and Mining - Crane less than 35ton	Aggregate	175 Diesel	0.882411e-05	1.074771e-05	1.310671e-05	0.00048213	0.000021583	0.000021583	0.000021583	0.000021583	0.000021583	0.2025.619703	1139.23522	0.478864204	53190.15614
Orange	2026 Construction and Mining - Crane less than 35ton	Aggregate	300 Diesel	5.646696e-06	6.83254e-06	8.131232e-06	0.265946e-06	0.000276014	0.265946e-06	0.265946e-06	0.265946e-06	0.265946e-06	0.772.091313	227.1851754	0.820709383	15305.6281
Orange	2026 Construction and Mining - Crane less than 35ton	Aggregate	50 Diesel	2.014486e-06	2.437331e-06	2.908061e-06	3.823251e-06	3.660901e-06	0.000830194	0.818484e-07	0.747515e-07	0.647011e-08	0.221.9483146	361.7412484	0.214647064	3957.676311
Orange	2026 Construction and Mining - Crane less than 35ton	Aggregate	60 Diesel	5.111373e-06	6.184761e-06	7.429286e-06	0.000033543	0.000033543	0.000033543	0.000033543	0.000033543	0.000033543	0.2598.129847	490.9802378	0.614920437	11811.14716
Orange	2026 Construction and Mining - Crane less than 35ton	Aggregate	75 Diesel	4.58691e-06	5.52944e-06	6.580455e-06	0.000049473	0.000093474	0.169381e-06	0.150486e-06	0.846393e-08	0.280.343543	218.08111	0.419240347	3117.762028	
Orange	2026 Construction and Mining - Crane less than 35ton	Aggregate	999 Diesel	6.178047e-06	7.475547e-06	8.896387e-06	7.165747e-06	6.28776e-06	0.004077441	0.000482384	0.503155e-06	0.50269e-06	0.157.043781	170.759718	0.063131491	1311.172961
Orange	2026 Construction and Mining - Cranes	Aggregate	100 Diesel	5.459523e-06	6.580455e-06	7.884083e-06	0.000012399	0.000012399	0.000012399	0.000012399	0.000012399	0.000012399	0.3970.062478	348.5462916	0.545232546	45880.32954
Orange	2026 Construction and Mining - Cranes	Aggregate	175 Diesel	0.000437349	0.000420347	0.000505247	0.004900992	0.003846085	0.000393699	0.000196579	0.000180582	0.889836e-06	0.3052.53142	11296.60868	42.94263704	476214.8637
Orange	2026 Construction and Mining - Cranes	Aggregate	25 Diesel	2.144016e-06	2.594255e-06	3.087376e-06	2.591831e-06	0.168365e-06	0.000205854	0.168876e-06	0.83386e-07	0.875595e-08	0.201.5540048	207.1713605	0.126262982	130.7364106
Orange	2026 Construction and Mining - Cranes	Aggregate	300 Diesel	0.000809949	0.000980038	0.001166236	0.007187385	0.008116632	0.287081626	0.00038963	0.000376406	0.271947e-05	0.9328.66762	2461.071785	0.964055718	1704540.412
Orange	2026 Construction and Mining - Cranes	Aggregate	50 Diesel	1.00014903	0.00014903	0.00014903	0.00014903	0.00014903	0.00014903	0.00014903	0.00014903	0.00014903	0.34.647214	322.1184064	0.378.521993	3738.521993
Orange	2026 Construction and Mining - Cranes	Aggregate	600 Diesel	0.00088618	0.00107387	0.001273849	0.009904489	0.008726035	0.277673239	0.000344296	0.000344296	0.370261e-05	0.127630.3796	2042.17435	77.14790985	2462615.066
Orange	2026 Construction and Mining - Cranes	Aggregate	75 Diesel	1.280705e-05	1.541305e-05	1.861815e-05	0.000202528	0.000309893	0.04977603	0.179641e-05	0.165272e-05	0.745175e-06	0.1617.480787	890.214404	0.884176385	15814.78388
Orange	2026 Construction and Mining - Cranes	Aggregate	750 Diesel	0.000119597	0.000144228	0.000171644	0.000123488	0.000130318	0.005648408	0.547072e-05	0.510409e-05	0.745712e-07	0.0970.899285	2095.976304	8.904113763	390353.7523
Orange	2026 Construction and Mining - Crawler Tractors	Aggregate	999 Diesel	5.459523e-06	6.580455e-06	7.884083e-06	0.000012399	0.000012399	0.000012399	0.000012399	0.000012399	0.000012399	0.3970.062478	348.5462916	0.545232546	45880.32954
Orange	2026 Construction and Mining - Crawler Tractors	Aggregate	100 Diesel	0.000667348	0.000807491	0.000960981	0.007690071	0.006649695	0.132073063	0.00047977	0.000457964	0.125115e-05	0.42917.37233	1509.88374	54.1935314	720631.2596
Orange	2026 Construction and Mining - Crawler Tractors	Aggregate	175 Diesel	0.00170063	0.00205744	0.002448523	0.027460406	0.01664101	0.46381885							

Orange	2026 Construction and Mining - Misc - Other	Aggregate	15 Diesel	0.000487048	0.000585811	0.000701319	0.003668584	0.000701284	0.000129016	9.74789E-05	6.6745E-08	5.74948E-08	228.750004	0	52.77196615	0	
Orange	2026 Construction and Mining - Misc - Other	Aggregate	175 Gasoline	0.0001551726	0.000143337	0.000171367	0.013209446	0.000597387	0.407100221	2.91848E-05	2.20507E-05	6.40441E-06	5.677344E-06	16206	2956.5	372519	
Orange	2026 Construction and Mining - Misc - Other	Aggregate	2 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	
Orange	2026 Construction and Mining - Misc - Other	Aggregate	25 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	
Orange	2026 Construction and Mining - Misc - Other	Aggregate	25 Diesel	0.000104621	0.000125386	0.000150395	0.000429497	0.000795187	0.001149558	2.67412E-05	2.02044E-05	1.09101E-08	9.39806E-09	37.30141021	0	8.364379736	
Orange	2026 Construction and Mining - Misc - Other	Aggregate	5 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	
Orange	2026 Construction and Mining - Misc - Pavers	Aggregate	25 Diesel	5.27545E-05	0.000034352	7.58354E-05	0.000216571	0.000400967	0.000579657	1.34773E-05	1.01829E-05	5.50134E-09	4.73891E-09	18.85436071	0	2.51082955	
Orange	2026 Construction and Mining - Misc - Paving Equipment	Aggregate	100 Gasoline	3.98616E-05	3.66642E-05	4.38646E-05	0.000155255	9.9447E-06	0.000803773	6.33106E-06	4.78347E-06	8.72791E-07	1.24671E-06	3558.75	996.45	65765.7	
Orange	2026 Construction and Mining - Misc - Paving Equipment	Aggregate	15 Gasoline	0.052442608	0.052966478	0.057097286	1.068547378	0.038280786	0.000064651	0.020946922	0.01582662	2.58002E-05	1.56968E-05	10.01552882	0	1815.81626	
Orange	2026 Construction and Mining - Misc - Paving Equipment	Aggregate	25 Diesel	0.002702584	0.002773934	0.002977216	0.000173083	0.000337406	0.000137395	3.15962E-05	0.000773476	3.15962E-05	3.24896E-05	5.242.838924	0	840.754086	
Orange	2026 Construction and Mining - Misc - Paving Equipment	Aggregate	25 Diesel	8.203003E-05	0.000107288	0.000132827	0.000363151	0.000677979	0.000128257	1.27959E-05	1.72264E-05	9.30195E-09	8.012382E-09	31.88003884	0	6.212784455	
Orange	2026 Construction and Mining - Misc - Paving Equipment	Aggregate	5 Gasoline	0.014161382	0.014303602	0.01584396	0.339487312	0.006275056	1.30016E-05	0.00016382	0.000123775	5.61712E-06	7.82824E-06	21.407.89532	0	1074.02755	
Orange	2026 Construction and Mining - Misc - Paving Equipment	Aggregate	50 Gasoline	0.000226829	0.000208637	0.000249611	0.017214902	0.000356886	0.009716615	1.37717E-05	1.04048E-05	2.42876E-06	1.01769E-06	8614	3854.4	142612.8	
Orange	2026 Construction and Mining - Misc - Plate Compactors	Aggregate	15 Diesel	0.018237714	0.018379661	0.019240458	0.013578961	0.000137808	0.000137808	0.000137808	0.000137808	0.000137808	0.000137808	0.000137808	0.000137808	0.000137808	
Orange	2026 Construction and Mining - Misc - Plate Compactors	Aggregate	15 Diesel	0.000190011	0.000228541	0.000273144	0.001158797	0.001431219	0.002743649	5.03329E-05	3.80293E-05	2.60391E-08	2.24033E-08	89.24205236	0	55.4745334	
Orange	2026 Construction and Mining - Misc - Plate Compactors	Aggregate	5 Gasoline	0.010232516	0.010334842	0.01126026	0.239593068	0.00453404	0.17598E-06	0.000115617	8.73554E-05	0.01696E-06	15374.71352	0	767.955962		
Orange	2026 Construction and Mining - Misc - Rollers	Aggregate	100 Diesel	0.000872962	0.00080295	0.000909641	0.044443582	0.002080954	0.237389655	5.04365E-05	3.81074E-05	6.98895E-06	1.05939E-05	301417	6653.95	499046.25	
Orange	2026 Construction and Mining - Misc - Rollers	Aggregate	15 Diesel	0.001474796	0.001199014	0.001741796	0.01741796	0.001741796	0.001741796	0.001741796	0.001741796	0.001741796	0.001741796	0.001741796	0.001741796	0.001741796	
Orange	2026 Construction and Mining - Misc - Rollers	Aggregate	25 Diesel	0.000088609	0.000826768	0.000990041	0.000518952	0.009943802	0.000182504	0.000173892	9.94413E-08	8.131131E-08	323.582894	0	118.5223152		
Orange	2026 Construction and Mining - Misc - Rollers	Aggregate	2 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	
Orange	2026 Construction and Mining - Misc - Rollers	Aggregate	25 Gasoline	0.007752842	0.00783037	0.00851153	0.251367902	0.004955756	9.59408E-06	0.00110848	0.00234863	4.03624E-06	5.5715E-06	15859.38029	0	87.07126986	
Orange	2026 Construction and Mining - Misc - Rollers	Aggregate	25 Diesel	0.000278007	0.000754031	0.000273619	0.00174489	0.000808842	0.000160217	0.000121668	6.53715E-06	2.04.055539	6.53147E-08	224.055539	0	40.2840055	
Orange	2026 Construction and Mining - Misc - Rollers	Aggregate	5 Gasoline	0.000578278	0.00058406	0.00063636	0.015613788	0.000256139	6.19044E-07	7.79996E-06	5.8933E-06	2.6643E-07	3.67772E-07	1022.650769	0	79.73713218	
Orange	2026 Construction and Mining - Misc - Rollers	Aggregate	50 Gasoline	0.000480166	0.000441656	0.000582393	0.009994966	0.000860399	0.019184273	1.32351E-05	9.99858E-06	2.33416E-06	4.0513E-06	9719.95	3544.15	5.67	
Orange	2026 Construction and Mining - Misc - Rough Terrain Forklift Aggregate	Aggregate	100 Gasoline	0.010010317	0.001474566	0.001764155	0.076267001	0.004077592	1.673893442	0.000116708	8.61739E-05	1.61721E-05	1.98020E-05	68109	13359	113355.1	
Orange	2026 Construction and Mining - Misc - Rough Terrain Forklift Aggregate	Aggregate	175 Gasoline	7.1294E-05	6.55486E-05	7.86127E-05	0.00040498	0.000257302	0.005762734	6.865317E-06	5.18702E-07	1.3175E-06	38174	459.8	1.2	63505.8	
Orange	2026 Construction and Mining - Misc - Rough Terrain Forklift Aggregate	Aggregate	50 Gasoline	0.000133164	0.000122484	0.000146538	0.01038207	0.000082189	5.45455E-06	3.43666E-06	8.01481E-07	1.09199E-06	6.1171	927.1	2.22	43573.7	
Orange	2026 Construction and Mining - Misc - Rubber Tired Load/Aggregate	Aggregate	100 Gasoline	0.000833772	0.000785299	0.000939524	0.045555002	0.00211651	0.880657187	6.14012E-05	4.6392E-05	8.50832E-06	1.26653E-05	36153.25	9683.45	18.89	697208.4
Orange	2026 Construction and Mining - Misc - Rubber Tired Load/Aggregate	Aggregate	15 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	
Orange	2026 Construction and Mining - Misc - Rubber Tired Load/Aggregate	Aggregate	25 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	
Orange	2026 Construction and Mining - Misc - Rubber Tired Load/Aggregate	Aggregate	25 Diesel	3.66225E-05	4.40488E-05	5.26455E-05	0.000150345	0.000278354	0.000402402	9.36072E-06	7.07254E-06	3.81907E-09	3.28978E-09	13.08882636	0	1.648188646	
Orange	2026 Construction and Mining - Misc - Rubber Tired Load/Aggregate	Aggregate	5 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	
Orange	2026 Construction and Mining - Misc - Rubber Tired Load/Aggregate	Aggregate	50 Gasoline	0.000156712	0.000144143	0.000171452	0.013345343	0.000206234	0.074519572	1.51771E-06	3.88152E-06	9.06022E-07	1.27229E-06	3631.75	1460	58400	
Orange	2026 Construction and Mining - Misc - Signal Boards	Aggregate	15 Gasoline	0.000655798	0.000662356	0.000721666	0.000283866	8.89462E-07	0.00021774	3.53068E-07	4.87766E-07	1.382.444891	0	17.07198718	0	0	
Orange	2026 Construction and Mining - Misc - Signal Boards	Aggregate	15 Diesel	0.002970432	0.001572776	0.004270043	0.018470253	0.022374158	0.00076851	0.00059451	4.07086E-07	3.5951E-07	1.511587	0	4845.074077	0	
Orange	2026 Construction and Mining - Misc - Signal Boards	Aggregate	15 Diesel	1.53802E-05	1.53802E-05	1.83902E-05	0.64772E-07	4.33222E-07	1.8971E-07	1.54165E-08	5.69.397936	0	2.4131987502	0	0	0	
Orange	2026 Construction and Mining - Misc - Signal Boards	Aggregate	50 Gasoline	8.82121E-05	4.54871E-05	5.50392E-05	0.000471752	0.000389864	0.065645927	6.85020E-06	7.27082E-07	5.37162E-07	23.125	1292.2	4.2	47807.7	
Orange	2026 Construction and Mining - Misc - Skid Steer Loaders	Aggregate	100 Gasoline	0.000715097	0.000657747	0.000786921	0.017377417	0.00179003	1.564010751	0.000109047	4.23908E-05	1.51105E-05	2.53181E-05	61480.6	14413.85	46.45	1153108
Orange	2026 Construction and Mining - Misc - Skid Steer Loaders	Aggregate	15 Gasoline	0.000232514	0.000234838	0.000255866	0.006730826	0.000619907	1.70526E-06	8.76506E-06	6.62248E-05	1.08212E-07	149327E-07	424.767738	0	3.46133103	
Orange	2026 Construction and Mining - Misc - Skid Steer Loaders	Aggregate	2 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	
Orange	2026 Construction and Mining - Misc - Skid Steer Loaders	Aggregate	25 Diesel	0.0000637	0.020264336	0.022078878	0.601555554	0.012823278	2.27866E-05	0.000738027	0.005576204	9.6353E-06	1.33003E-05	37869.52338	0	214.57006	
Orange	2026 Construction and Mining - Misc - Skid Steer Loaders	Aggregate	25 Diesel	0.010267589	0.012349651	0.014795824	0.011732344	0.078079086	0.117790279	0.002648589	0.000201336	1.07046E-06	9.22102E-07	3668.70353	0	650.472223	
Orange	2026 Construction and Mining - Misc - Skid Steer Loaders	Aggregate	5 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	
Orange	2026 Construction and Mining - Misc - Skid Steer Loaders	Aggregate	50 Gasoline	0.001244045	0.001144175	0.001368098	0.007132649	0.001918631	1.05762220E	7.29115E-05	5.50878E-05	1.28588E-05	1.61037E-05	4598.81	24093.62	77.69	77005.75
Orange	2026 Construction and Mining - Misc - Surfacing Equipment Aggregate	Aggregate	100 Gasoline	0.003293744	0.003264178	0.003654914	0.04035886	0.024035886	0.018124502	0.00832608	1.40907E-05	1.94505E-05	5507.45908	0	585.412648	0	
Orange	2026 Construction and Mining - Misc - Surfacing Equipment Aggregate	Aggregate	15 Diesel	0.001129882	0.001114118	0.001243366	0.028805658	0.000720026	1.13144E-06	0.00036594	0.000276882	4.83196E-07	6.66888E-07	1898.405313	0	8.007582732	
Orange	2026 Construction and Mining - Misc - Surfacing Equipment Aggregate	Aggregate	5 Gasoline	0.003199587	0.003429828	0.003736548	0.071603006	0.001504772	2.5146E-06	0.000306724	2.7747E-05	1.27618E-06	1.76161E-06	402.495468	0	197.134605	
Orange	2026 Construction and Mining - Misc - Tractors/Loaders/BI Aggregate	Aggregate	100 Gasoline	0.003716404	0.003669453	0.003901348	0.007479648	0.000137968	1.20231E-06	1.20231E-06	1.20231E-06	1.20231E-06	1.20231E-06	1.20231E-06	1.20231E-06	1.20231E-06	
Orange	2026 Construction and Mining - Misc - Tractors/Loaders/BI Aggregate	Aggregate	100 Gasoline	0.000505192	0.000464676	0.000555933	0.015384519	0.001274498	0.161699744	4.30186E-05	3.25029E-05	5.96106E-06	8.9431E-06	25528.1	8723.5	10.03	549890.5
Orange	2026 Construction and Mining - Misc - Tractors/Loaders/BI Aggregate	Aggregate	15 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	
Orange	2026 Construction and Mining - Misc - Tractors/Loaders/BI Aggregate	Aggregate	2 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	
Orange	2026 Construction and Mining - Misc - Tractors/Loaders/BI Aggregate	Aggregate	25 Diesel	0.000956791	0.001158009	0.001375402	0.003927877	0.007272212	0.01053104	0.000244556	0.000184775	9.9776E-08	8.5948E-08	341.9552482	0	46.68520695	
Orange	2026 Construction and Mining - Misc - Tractors/Loaders/BI Aggregate	Aggregate	5 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	
Orange	2026 Construction and Mining - Misc - Tractors/Loaders/BI Aggregate	Aggregate	100 Gasoline	0.000656629	0.000612219	0.000738143	0.001700141	0.074057814	4.91318E-06	3.71218E-06	6.80817E-06	1.00235E-05	28637.9	6927.7	17.19	45728.2	
Orange	2026 Construction and Mining - Misc - Trenchers	Aggregate	100 Gasoline	0.000804078	0.000888482	0.000968388	0.03837862	0.00542848	0.003094136	0.002971216	4.53388E-06	2.55566E-06	1777.231881	0	131.9207184	0	
Orange	2026 Construction and Mining - Misc - Trenchers	Aggregate	15 Diesel	0.000272268	0.000327478	0.000391389	0.00117761	0.000205079	0.003931387	7.21222E-06	5.44923E-05	3.71161E-08	3.21405E-08	127.8753214	0	30.25269694	
Orange	2026 Construction and Mining - Misc - Trenchers	Aggregate	2 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	
Orange	2026 Construction and Mining - Misc - Trenchers	Aggregate	25 Diesel	0.01515476	0.001280704	0.016466982	0.498112	0.00967084	1.85569E-06	0.00013027	7.80456E-06	1.07732E-06	3065.73116	0	102.252496	0	
Orange	2026 Construction and Mining - Misc - Trenchers	Aggregate	25 Diesel	0.000391849													

Orange	2026 Construction and Mining - Rollers	Aggregate	750 Diesel	3.15243E-06	3.81444E-06	4.3595E-06	2.25027E-05	2.78615E-06	0.012147311	1.86412E-06	1.70099E-06	1.15006E-07	0	94	384.7289783	28.7196239	0.061313491	7824.948727
Orange	2026 Construction and Mining - Rollers	Aggregate	9999 Diesel	0.00012602	0.00015235	0.000181529	0.000140434	0.00017237	0.000154487	5.20982E-07	4.79301E-06	1.52474E-06	0	94	17571.92311	39.7272921	0.082709383	34818.7461
Orange	2026 Construction and Mining - Rough Terrain Forklifts	Aggregate	100 Diesel	0.00047044	0.00049995	0.000527969	0.000402042	1.843320358	0.00047108	1.843320358	0.00047108	1.74614E-06	0	94	59889.01662	290.2440386	0.517732403	1006811.577
Orange	2026 Construction and Mining - Rough Terrain Forklifts	Aggregate	175 Diesel	0.00303051	0.00367177	0.004327574	0.005847347	0.025876332	1.1539772	0.000510888	0.000671061	0.000109259	0	94	374798.0163	15285.48267	3.21243281	7396464.23
Orange	2026 Construction and Mining - Rough Terrain Forklifts	Aggregate	300 Diesel	2.37931E-05	2.87899E-05	3.42624E-05	0.000214964	0.000214964	0.000214964	8.71546E-06	8.01822E-06	9.37812E-07	0	94	3217.037635	447.4000655	1.953784282	62465.17409
Orange	2026 Construction and Mining - Rough Terrain Forklifts	Aggregate	50 Diesel	0.87896E-06	4.08951E-06	5.28089E-06	0.000145423	0.000145423	0.000145423	1.72306E-06	1.72306E-06	1.72306E-06	0	94	2085.322194	2105.337228	1.826446604	71.82840484
Orange	2026 Construction and Mining - Rough Terrain Forklifts	Aggregate	75 Diesel	1.55084E-05	6.66523E-06	7.92317E-06	5.2377E-05	4.01884E-06	0.007293233	1.3797E-06	1.26858E-06	2.65745E-07	0	94	909.4450044	131.5670686	0.315680744	38012.5273
Orange	2026 Construction and Mining - Rough Terrain Forklifts	Aggregate	75 Diesel	0.00080215	0.00097552	0.001160949	0.014065592	0.013137116	2.56645624	0.00017586	0.00015786	0.24315E-05	0	94	83397.44328	53088.02166	159.9234406	1466092.293
Orange	2026 Construction and Mining - Rough Terrain Forklifts	Aggregate	75 Diesel	1.29709E-06	1.56948E-06	1.86781E-06	1.72555E-05	2.95975E-06	0.000212234	2.04533E-07	2.21246E-07	8.78205E-08	0	94	299.5249873	23.75250071	0.00615478	5931.320277
Orange	2026 Construction and Mining - Rubber Tired Dozers	Aggregate	100 Diesel	0.54303E-06	4.49403E-06	5.60003E-06	0.000252842	0.000090566	1.54507E-06	3.26241E-06	3.26241E-06	8.53088E-07	0	94	2926.403626	1389.255197	0.4240458923	4524.058923
Orange	2026 Construction and Mining - Rubber Tired Dozers	Aggregate	175 Diesel	0.00011552	0.000139818	0.000161395	0.0001639514	0.000118976	0.723280766	4.52025E-05	9.9185E-05	1.58470E-06	0	94	8880.360326	307.556575	5.242246562	15009.6273
Orange	2026 Construction and Mining - Rubber Tired Dozers	Aggregate	300 Diesel	0.00014078	0.000138035	0.000164273	0.000806305	0.000862855	0.039326611	4.57023E-05	4.20488E-05	2.31435E-06	0	94	11026.37963	2412.480387	4.233365363	219700.3563
Orange	2026 Construction and Mining - Rubber Tired Dozers	Aggregate	50 Diesel	8.71684E-06	1.05474E-05	1.25522E-05	0.000140604	7.68773E-05	0.25709706	2.57079E-06	2.36513E-06	2.37688E-07	0	94	815.3562794	347.4737837	1.144070093	6803.919974
Orange	2026 Construction and Mining - Rubber Tired Dozers	Aggregate	75 Diesel	0.00360320	0.004550247	0.005608426	0.000136217	0.000136217	0.000136217	1.724437468	1.69794E-06	1.69794E-06	0	94	5245.566206	9370.281204	13.05631489	15.4624988
Orange	2026 Construction and Mining - Rubber Tired Dozers	Aggregate	75 Diesel	2.23459E-05	2.70386E-05	3.21781E-05	0.000251485	0.000272519	0.040604019	1.07631E-05	9.90227E-06	4.35789E-07	0	94	4194.913489	881.5026688	1.897186485	21791.30594
Orange	2026 Construction and Mining - Rubber Tired Dozers	Aggregate	75 Diesel	1.29761E-05	1.5701E-05	1.86855E-05	0.000113347	8.47362E-05	0.053856753	4.348E-06	4.00016E-06	5.10757E-07	0	94	1750.084564	102.506862	0.316450988	43367.12405
Orange	2026 Construction and Mining - Rubber Tired Dozers	Aggregate	9999 Diesel	3.74174E-05	4.57274E-05	5.3881E-05	0.000300694	0.000978781	1.151052599	1.86844E-05	1.81009E-05	1.43170E-06	0	94	4918.316482	186.4586152	0.316567455	97488.77789
Orange	2026 Construction and Mining - Rubber Tired Loaders	Aggregate	100 Diesel	0.004732707	0.00572676	0.00711293	0.025847939	16.89703001	0.003101555	0.00119743	0.000160662	0	94	59071.9382	803.8846673	110.6164692	1107411.151	
Orange	2026 Construction and Mining - Rubber Tired Loaders	Aggregate	175 Diesel	0.006573952	0.007954482	0.00946649	0.04818301	0.044947945	22.02423448	0.00181551	0.000208631	0	94	71568.0171	176619.5255	249.0689105	14252173.88	
Orange	2026 Construction and Mining - Rubber Tired Loaders	Aggregate	300 Diesel	0.00014014	0.000169091	0.000202197	0.001030801	0.00081006	0.12403519	4.43065E-05	4.0762E-05	1.17726E-06	0	94	4039.33432	474.6475609	9.72452177	67403.85511
Orange	2026 Construction and Mining - Rubber Tired Loaders	Aggregate	600 Diesel	0.000732707	0.00072676	0.000681099	0.000136999	0.000136999	0.000136999	0.000136999	0.000136999	0.000136999	0	94	549071.9382	803.8846673	110.6164692	1107411.151
Orange	2026 Construction and Mining - Rubber Tired Loaders	Aggregate	75 Diesel	0.000514891	0.000623018	0.000741443	0.005786451	0.005888976	0.964214664	0.00021372	0.000193582	9.13384E-06	0	94	31332.3821	22323.7761	43.8513912	533850.9742
Orange	2026 Construction and Mining - Rubber Tired Loaders	Aggregate	75 Diesel	0.000121913	0.000147514	0.000175554	0.00017323	0.028859587	4.87842E-05	4.48814E-05	4.0025E-06	0	94	13935.86709	1406.015309	3.0052362	60521.6459	
Orange	2026 Construction and Mining - Rubber Tired Loaders	Aggregate	9999 Diesel	0.000343377	0.000458457	0.000494463	0.000777978	0.000599033	14.27571555	0.00012957	0.000118917	1.35211E-05	0	94	46389.23874	2832.30562	448.762518	96809.9672
Orange	2026 Construction and Mining - Scrapers	Aggregate	100 Diesel	1.72308E-06	2.08838E-06	2.48534E-06	0.000256668	0.000189482	0.00772923	1.21931E-05	1.12178E-05	4.45013E-07	0	94	1529.642844	608.1511907	1.95894964	2466.64229
Orange	2026 Construction and Mining - Scrapers	Aggregate	175 Diesel	0.000224561	0.000277119	0.000323369	0.000246394	0.000326599	0.000326599	0.000326599	0.000326599	0.000326599	0	94	3205.69491	398.574348	11.8739051	24728.7934
Orange	2026 Construction and Mining - Scrapers	Aggregate	300 Diesel	0.000175451	0.000212957	0.000252494	0.014856204	0.017931472	0.596972492	0.00087535	0.00005124	5.3019E-05	0	94	181874.5976	3009.10703	93.7842184	347677.541
Orange	2026 Construction and Mining - Scrapers	Aggregate	50 Diesel	4.78804E-06	5.79535E-06	6.89478E-06	3.0107E-05	2.18322E-05	0.000973873	1.20398E-06	1.21520E-06	4.79149E-06	0	94	164.3793268	76.9197272	0.316167074	1525.25043
Orange	2026 Construction and Mining - Scrapers	Aggregate	600 Diesel	0.00047044	0.00049995	0.000527969	0.000402042	1.843320358	0.00047108	1.843320358	0.00047108	1.74614E-06	0	94	59889.01662	290.2440386	0.517732403	1006811.577
Orange	2026 Construction and Mining - Scrapers	Aggregate	75 Diesel	2.43896E-05	2.94863E-05	3.50912E-05	0.000202165	0.000281373	0.083178005	1.46831E-05	1.35804E-05	3.61635E-07	0	94	1240.609922	647.446821	2.463246882	10251.72754
Orange	2026 Construction and Mining - Scrapers	Aggregate	75 Diesel	0.000598807	0.000722354	0.000859861	0.000477968	3.09883511	0.000224	0.000200608	2.93128E-05	0	94	100690.0885	798.811917	97.57291457	236376.804	
Orange	2026 Construction and Mining - Skid Steer Loaders	Aggregate	100 Diesel	0.000136999	0.000136999	0.000136999	0.000136999	0.000136999	0.000136999	0.000136999	0.000136999	0.000136999	0	94	238174.1891	122.073616	292.412035	415.386344
Orange	2026 Construction and Mining - Skid Steer Loaders	Aggregate	175 Diesel	0.000524053	0.000634104	0.000754636	0.012414237	0.000306523	2.075445047	0.000111654	0.000102722	1.96603E-05	0	94	67441.94891	324.48.7133	48.89092769	1323226.626
Orange	2026 Construction and Mining - Skid Steer Loaders	Aggregate	300 Diesel	1.51985E-05	6.28456E-05	7.67914E-05	0.000373623	0.000386027	0.16709302	1.70018E-05	1.66417E-05	1.66417E-05	0	94	5510.216548	1424.371857	2.651522622	10920.1896
Orange	2026 Construction and Mining - Skid Steer Loaders	Aggregate	50 Diesel	0.000163781	0.000197995	0.000235525	0.014618141	0.012200305	2.007223133	0.000494265	0.00045233	1.90142E-05	0	94	66225.55302	7178.416045	185.77396	1114480.06
Orange	2026 Construction and Mining - Skid Steer Loaders	Aggregate	600 Diesel	0.0107474E-05	1.650378E-05	2.000136999	0.000136999	0.000136999	0.000136999	0.000136999	0.000136999	0.000136999	0	94	8028.795507	434.048387	0.755757192	9075.757192
Orange	2026 Construction and Mining - Skid Steer Loaders	Aggregate	75 Diesel	0.000575174	0.000691825	0.000829517	0.07542427	0.00255412	0.000470387	0.000104374	0.000103272	0.000103272	0	94	65825.55302	7178.416045	185.77396	1114480.06
Orange	2026 Construction and Mining - Skid Steer Loaders	Aggregate	75 Diesel	3.81406E-06	4.65101E-06	5.49224E-06	2.17407E-05	4.80715E-05	0.01153963	1.84544E-06	1.36577E-06	1.09231E-07	0	94	374.700031	31.27016608	0.060131491	7427.91525
Orange	2026 Construction and Mining - Skid Steer Loaders	Aggregate	9999 Diesel	0.000203948	0.000246777	0.000293585	0.017611513	0.003556128	0.866579838	8.27158E-05	6.70698E-05	8.0894E-06	0	94	2819.66302	631.282324	1.388892802	558225.8496
Orange	2026 Construction and Mining - Spray Truck	Aggregate	100 Diesel	1.81320E-06	2.12861E-06	2.47021E-06	8.7021E-05	1.28615E-05	0.000136999	1.78543E-05	1.62188E-06	3.3242E-06	0	94	453.880175	269.659722	8.095.184977	1095.0501928
Orange	2026 Construction and Mining - Spray Truck	Aggregate	175 Diesel	1.55857E-05	1.88587E-05	2.24434E-05	0.000281574	0.00021533	0.044535144	6.27779E-06	5.75566E-06	1.09231E-07	0	94	1447.177263	42.71857307	0.820709383	28688.26081
Orange	2026 Construction and Mining - Spray Truck	Aggregate	300 Diesel	1.81877E-05	2.19829E-05	2.61615E-05	0.000104522	0.00016875	0.014565462	4.07172E-06	7.72588E-06	3.93742E-07	0	94	1350.67948	81.6828931	0.442249513	26547.14505
Orange	2026 Construction and Mining - Spray Truck	Aggregate	50 Diesel	2.23303E-05	2.70196E-05	3.21556E-05	0.000263147	0.000288822	0.01688176	1.00346E-05	8.3871E-06	3.00129E-07	0	94	1029.550231	145.543206	2.904045886	18358.44024
Orange	2026 Construction and Mining - Spray Truck	Aggregate	600 Diesel	0.000136999	0.000136999	0.000136999	0.000136999	0.000136999	0.000136999	0.000136999	0.000136999	0.000136999	0	94	5508.518927	603.042016	1.010103056	109159.0196
Orange	2026 Construction and Mining - Spray Truck	Aggregate	75 Diesel	9.48598E-06	1.1478E-05	1.36598E-05	0.000118145	0.000118506	0.149284821	3.39545E-06	1.82828E-06	1.82828E-06	0	94	6729.038407	1951.235844	0.888340874	11714.36574
Orange	2026 Construction and Mining - Spreader Tractor Trailer	Aggregate	50 Diesel	1.34710E-06	1.62262E-06	1.91301E-06	1.379E-05	1.13099E-05	0.000182838	3.55424E-07	3.2699E-07	1.73626E-06	0	94	59.55987521	110.7037721	0.252525964	1062.03147
Orange	2026 Construction and Mining - Spreader Tractor Trailer	Aggregate	600 Diesel	1.08067E-05	1.30519E-05	1.55329E-05	7.39381E-05	0.00010163	0.008481358	3.44812E-06	3.12727E-06	3.64267E-07	0	94	1250.45426	200.879481	0.378788946	2478.5856
Orange	2026 Construction and Mining - Spreader Tractor Trailer	Aggregate	75 Diesel	1.11013E-05	1.31026E-05	1.51213E-05	0.000136999	0.000136999	0.000136999	1.47707E								

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Orange	2026 Industrial - Yard Goat	Aggregate	300 Diesel	0.00228249	0.00271521	0.001286439	0.014905194	0.01251577	6.755521927	0.000513214	6.39937405	0	219521.8636	56630.38273	51.77898543	4374201.43
Orange	2026 Industrial - Yard Goat	Aggregate	50 Diesel	1.55175E-05	1.87762E-05	2.23435E-05	0.000173001	0.000174977	0.01888725	5.95121E-06	1.78915E-07	0	613.74444091	909.3112222	1.149464824	10941.97943
Orange	2026 Industrial - Yard Goat	Aggregate	600 Diesel	0.000186647	0.000225867	0.000219688	0.001137041	0.00113632	0.96018959	4.54717E-05	1.43814E-05	5.30779E-06	1.8007166233	2535.791178	3.358275304	373176.8583
Orange	2026 Industrial - Yard Goat	Aggregate	75 Diesel	2.11708E-05	2.56166E-05	3.04859E-05	0.000216983	0.000228288	0.03375222	1.24536E-06	7.58598E-06	3.19728E-07	0	1096.784498	865.6385958	1.060370244
Orange	2026 Industrial - Yard Goat	Aggregate	9999 Diesel	3.89101E-05	4.70813E-05	5.60360E-05	0.000223294	0.000567569	0.000567569	0.000567569	1.2552E-05	1.10032E-06	0	3774.512208	113.6877066	0.1177819196
Orange	2026 Lawn and Garden - Misc - Chainsaws	Aggregate	2 Gasoline	0.38158E27	0.385345134	0.419866242	1.08048711	0.01186	5.77823633	0.004545	0.003446	0.00000843	0.00011157	328496.6723	0	77938.27262
Orange	2026 Lawn and Garden - Misc - Chainsaws	Aggregate	2 Electric	0	0	0	0	0	0	0	0	0	0	0	0	47773.62888
Orange	2026 Lawn and Garden - Misc - Chainsaws	Aggregate	5 Gasoline	0.311354568	0.314449114	0.314622706	0.01726313	0.01083	0.536948274	0.00425	0.00026	0.00007657	0.0001057	299028.3958	0	55452.24605
Orange	2026 Lawn and Garden - Misc - Chainsaws	Aggregate	5 Electric	0	0	0	0	0	0	0	0	0	0	0	0	33990.42524
Orange	2026 Lawns and Garden - Misc - Chainsaws Preempt	Aggregate	2 Gasoline	0.33106106	0.334428689	0.364367168	0.581785651	0.01151	3.11135280	0.002468	0.001864	0.00004564	0.00006642	193236.1847	0	41966.70218
Orange	2026 Lawn and Garden - Misc - Chainsaws Preempt	Aggregate	2 Electric	0	0	0	0	0	0	0	0	0	0	0	0	25724.26176
Orange	2026 Lawn and Garden - Misc - Chainsaws Preempt	Aggregate	5 Gasoline	0.306927715	0.310078992	0.337761268	0.539361473	0.01069	2.884510609	0.002288	0.001728	0.00004581	0.00006323	179148.5942	0	29858.90172
Orange	2026 Lawn and Garden - Misc - Chainsaws Preempt	Aggregate	5 Electric	0	0	0	0	0	0	0	0	0	0	0	0	18080.53667
Orange	2026 Lawn and Garden - Misc - Chippers/Stump Grinders	Aggregate	2 Gasoline	0.0004181	0.000417	0.0004154	0.00161	0.00016	0.0512	0.00000088	6.53E-07	0.00000088	0.00000117	3298.53926	0	343.700879
Orange	2026 Lawn and Garden - Misc - Chippers/Stump Grinders	Aggregate	15 Electric	0	0	0	0	0	0	0	0	0	0	0	0	127.5155604
Orange	2026 Lawn and Garden - Misc - Chippers/Stump Grinders	Aggregate	2 Gasoline	0.000129	0.00013	0.000142	0.000167	1.37E-05	0.00398	6.32E-08	4.78E-08	0.0000001	0.0000001	3323.93061	0	118.8525727
Orange	2026 Lawn and Garden - Misc - Chippers/Stump Grinders	Aggregate	2 Electric	0	0	0	0	0	0	0	0	0	0	0	0	41.1186021
Orange	2026 Lawn and Garden - Misc - Chippers/Stump Grinders	Aggregate	25 Diesel	0.0000119	0.0000143	0.0000171	4.89E-06	0.0000095	0.011958713	0.00002304	0.00000113	9.77E-08	0	9.936715517	0	1.038715517
Orange	2026 Lawn and Garden - Misc - Chippers/Stump Grinders	Aggregate	5 Gasoline	0.000483	0.000487	0.000531	0.0227	0.000172	0.0541	0.00000088	6.56E-07	0.00000083	0.0000123	3411.647364	0	546.3274753
Orange	2026 Lawn and Garden - Misc - Chippers/Stump Grinders	Aggregate	5 Electric	0	0	0	0	0	0	0	0	0	0	0	0	202.768321
Orange	2026 Lawn and Garden - Misc - Lawn Mowers	Aggregate	15 Gasoline	0.0008405	0.0008483	0.0009241	0.0567	0.0003769	0.122026917	0.000007264	0.000005492	0.000002114	0.000002909	7990.040999	0	1143.177109
Orange	2026 Lawn and Garden - Misc - Lawn Mowers	Aggregate	15 Electric	0	0	0	0	0	0	0	0	0	0	0	0	5001.794408
Orange	2026 Lawn and Garden - Misc - Lawn Mowers	Aggregate	2 Gasoline	0.00005298	0.00005354	0.00005833	0.001207	0.00002523	0.000317	0.000002544	0.000001924	5.672E-08	7.833E-08	201.3926181	0	76.11781049
Orange	2026 Lawn and Garden - Misc - Lawn Mowers	Aggregate	2 Electric	0	0	0	0	0	0	0	0	0	0	0	0	33.29543162
Orange	2026 Lawn and Garden - Misc - Lawn Mowers	Aggregate	25 Gasoline	0.0006957	0.0007023	0.0007469	0.04777	0.0002359	0.10293	0.000006115	0.00000462	0.000001725	0.000002385	6729.006752	0	311.512465
Orange	2026 Lawn and Garden - Misc - Lawn Mowers	Aggregate	25 Electric	0	0	0	0	0	0	0	0	0	0	0	0	136.1745542
Orange	2026 Lawn and Garden - Misc - Lawn Mowers	Aggregate	5 Gasoline	0.181210847	0.182979955	0.199393256	8.91580524	0.10999	24.93427254	0.00012679	0.0000967	0.00003973	0.000005485	147588.489	0	312625.1363
Orange	2026 Lawn and Garden - Misc - Lawn Mowers	Aggregate	5 Electric	0	0	0	0	0	0	0	0	0	0	0	0	136748.4007
Orange	2026 Lawn and Garden - Misc - Leaf Blowers/Vacuums	Aggregate	15 Gasoline	0.000422	0.000427	0.000465	0.031522705	0.00111	0.793099995	0.0001238	0.00000016	0.00001238	0.00001171	47626.36782	0	75.82195521
Orange	2026 Lawn and Garden - Misc - Leaf Blowers/Vacuums	Aggregate	2 Gasoline	0.48119168	0.48606705	0.529490243	2.967931468	0.02012	12.62545805	0.00681E-06	0.00051576	0.00001452	0.00001452	707476.1678	0	85529.88849
Orange	2026 Lawn and Garden - Misc - Leaf Blowers/Vacuums	Aggregate	2 Electric	0	0	0	0	0	0	0	0	0	0	0	0	20488.71261
Orange	2026 Lawn and Garden - Misc - Leaf Blowers/Vacuums	Aggregate	25 Gasoline	0.00009032	9.113E-05	0.00009935	0.0006571	0.0000981	0.02558	3.006E-07	0.00000227	0.000000345	4.764E-07	1351.043776	0	25.99760286
Orange	2026 Lawn and Garden - Misc - Leaf Blowers/Vacuums	Aggregate	5 Gasoline	0.66609349	0.66741525	0.727174888	2.455541939	0.015615	16.0452888	0.01014969	0.00767487	0.000210673	0.000290439	828369.7873	0	41524.85846
Orange	2026 Lawn and Garden - Misc - Leaf Blowers/Vacuums	Aggregate	5 Electric	0	0	0	0	0	0	0	0	0	0	0	0	110043.3634
Orange	2026 Lawn and Garden - Misc - Other	Aggregate	15 Gasoline	0.002265	0.002295	0.00249	0.1262	0.000816	0.33346676	6.24E-06	0.0000471	0.00000519	7.17E-06	2016.91119	0	2528.520569
Orange	2026 Lawn and Garden - Misc - Other	Aggregate	15 Diesel	0.0000448	0.00000538	0.00000643	0.0000317	0.0000378	0.005241943	0.00000133	0.000000101	4.97E-08	4.29E-08	170.5034709	0	0.716905158
Orange	2026 Lawn and Garden - Misc - Other	Aggregate	25 Diesel	0.0000042	0.0000046	0.0000046	0.00001037	0.0000276	0.00001037	0.000000116	0.000000122	5.17E-06	0.000000122	5172.27264	0	218.9482077
Orange	2026 Lawn and Garden - Misc - Other	Aggregate	5 Gasoline	0.0000079	0.0000079	0.00000114	0.00000024	0.000000061	0.000079363	2.02E-07	0.000000153	7.53E-09	6.49E-09	25.81595669	0	0.0816
Orange	2026 Lawn and Garden - Misc - Other	Aggregate	5 Gasoline	0.001145	0.001158	0.001261	0.0572	0.00044	0.1316	0.000002267	0.000001714	2.218E-06	0.000000306	8410.484326	0	2058.878274
Orange	2026 Lawn and Garden - Misc - Rear Engine Riding Mowers/Aggregate	15 Gasoline	0.008823	0.008911	0.009705	0.479126336	0.006942	14.2634927	0.0003656	0.00002768	1.21214E-05	2.9192E-05	8247.11033	0	2225.44574	
Orange	2026 Lawn and Garden - Misc - Rear Engine Riding Mowers/Aggregate	15 Diesel	0.001143	0.001373	0.001643	0.098077	0.00694	1.33622121	0.0003393	0.0002525	0.000012879	0.00001093	43462.99505	0	1538.561504	
Orange	2026 Lawn and Garden - Misc - Rear Engine Riding Mowers/Aggregate	15 Electric	0	0	0	0	0	0	0	0	0	0	0	0	0	134.425203
Orange	2026 Lawn and Garden - Misc - Rear Engine Riding Mowers/Aggregate	25 Gasoline	0.294189533	0.29718607	0.323742063	0.118210855	0.3699788	0.00099322	0.000749819	0.000623999	0.000861429	2444.384172	0	25938.31254	0	19.00000000
Orange	2026 Lawn and Garden - Misc - Rear Engine Riding Mowers/Aggregate	25 Diesel	0.003444	0.004144	0.004947	0.014216039	0.2616	3.45878383	0.0008896	0.00006641	0.00003377	0.000002825	12503.0533	0	1315.698294	
Orange	2026 Lawn and Garden - Misc - Rear Engine Riding Mowers/Aggregate	25 Electric	0	0	0	0	0	0	0	0	0	0	0	0	0	1525.462786
Orange	2026 Lawn and Garden - Misc - Rear Engine Riding Mowers/Aggregate	5 Gasoline	0.001003	0.0010129	0.0010991	0.015333	0.0004064	0.0834	0.000002189	0.00001652	1.401231E-06	1.93932E-06	5346.149035	0	362.3728063	
Orange	2026 Lawn and Garden - Misc - Rear Engine Riding Mowers/Aggregate	5 Electric	0	0	0	0	0	0	0	0	0	0	0	0	0	21.88050206
Orange	2026 Lawn and Garden - Misc - Snowblowers	Aggregate	15 Gasoline	0.0001684	0.00017	0.0001852	0.01259	0.0000806	0.02236	4.281E-07	3.237E-07	4.425E-07	0.00000061	1593.89807	0	392.8034465
Orange	2026 Lawn and Garden - Misc - Snowblowers	Aggregate	25 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	38.5649743
Orange	2026 Lawn and Garden - Misc - Snowblowers	Aggregate	25 Gasoline	5.339E-07	5.396E-07	5.871E-07	0.00005395	3.756E-07	0.0000958	1.833E-09	1.386E-09	1.803E-09	2.485E-09	6.79972992	0	0.809101847
Orange	2026 Lawn and Garden - Misc - Snowblowers	Aggregate	25 Electric	0	0	0	0	0	0	0	0	0	0	0	0	0.079433512
Orange	2026 Lawn and Garden - Misc - Snowblowers	Aggregate	5 Gasoline	7.564E-05	0.0000764	8.32E-05	0.000959	0.0000189	0.0092	1.588E-07	1.199E-07	1.511E-07	2.118E-07	584.9700668	0	295.1105201
Orange	2026 Lawn and Garden - Misc - Tillers	Aggregate	15 Gasoline	0.0016565	0.0016771	0.0018231	0.105520102	0.001001	0.727506213	4.6628E-06	3.5205E-06	0.000005492	0.000005492	16563.80796	0	2766.143564
Orange	2026 Lawn and Garden - Misc - Tillers	Aggregate	2 Gasoline	0.00707056	0.00714446	0.00770820	0.020621	0.00012517	0.0120120957	1.17694E-05	8.86658E-06	1.97341E-06	2.67110E-06	606.598014	0	3743.100036
Orange	2026 Lawn and Garden - Misc - Tillers	Aggregate	2 Electric	0	0	0	0	0	0	0	0	0	0	0	0	1157.344199
Orange	2026 Lawn and Garden - Misc - Tillers	Aggregate	5 Gasoline	0.0010287	0.0010391	0.0011325	0.05217	0.0003345	0.124230533	1.8603E-06	1.4031E-06	2.0637E-06	2.8456E-06	7828.65885	0	1855.380194
Orange	2026 Lawn and Garden - Misc - Trimmers/Edges/Brush Cu Aggregate	15 Gasoline	0.0000947	9.56E-05	0.0001041	0.000519	0.00005818	0.0017	2.095E-07	1.583E-07	2.197E-07	3.038E-07	829.132789	0	102.6721106	
Orange	2026 Lawn and Garden - Misc - Trimmers/Edges/Brush Cu Aggregate	2 Gasoline	0.706125869	0.713055927	0.777114054	3.903925761	0.04075	20.66364624	0.0061358	0.00463377	0.00007796	0.00003688	109141.167	0	229589.501	
Orange	2026 Lawn and Garden - Misc - Trimmers/Edges/Brush Cu Aggregate	2 Electric	0	0	0	0	0	0	0	0	0	0	0	0	0	349803.0908
Orange	2026 Lawn and Garden - Misc - Trimmers/Edges/Brush Cu Aggregate	25 Gasoline	0.0001056	0.0001066	0.0001161	0.005266	0.00004334	0.02113	2.375E-07	1.793E-07	2.863E-07	3.947E-07	111.109011	0	47.25167446	
Orange	2026 Lawn and Garden - Misc - Trimmers/Edges/Brush Cu Aggregate	5 Gasoline	0.025893	0.026142	0.028486224	0.462983073	0.0028403	1.596345923	0.0003147	0.0002377	0.00002396	0.00003167	90047.55743	0	7402.98513	
Orange	2026 Lawn and Garden - Misc - Trimmers/Edges/Brush Cu Aggregate	5 Electric	0	0	0	0	0	0	0	0	0	0	0	0	0	5543.281153
Orange	2026 Lawn and Garden - Misc - Wood Splitters	Aggregate	15 Gasoline	0.0324E-06	0.0324E-06	0.0324E-06	1.656771867	0.0162708	4.286051313	0.00013334	0.000101259	6.7439E-05	9.3068E-05	261028.8814	0	9029.466735
Orange	2026 Lawn and Garden - Misc - Wood Splitters	Aggregate	2 Gasoline	0.00062286	0.0006299	0.00066825	0.01666099	0.00033514								

Orange	2026 Light Commercial - Misc - Pumps	Aggregate	50 Diesel	0.002448735	0.002914197	0.003256178	0.003705140	0.00268598	4.586217647	0.000063150	0.000001651	5.789388	3.752796	0.05	9524.05	236.64	3524399.85
Orange	2026 Light Commercial - Misc - Welders	Aggregate	100 Gasoline	0.002950539	0.002713906	0.003246888	0.012421227	0.000896494	4.894079378	0.000311339	0.000236571	4.338736	6.242146	0.05	5378.74	258.88	3760488
Orange	2026 Light Commercial - Misc - Welders	Aggregate	15 Diesel	0.00084362	0.001014689	0.001212717	0.005220494	0.000359922	0.086409263	0.000181952	0.000240819	8.166676	7.034846	0.06	27989.0377	0	156.013145
Orange	2026 Light Commercial - Misc - Welders	Aggregate	15 Electric	0	0	0	0	0.00145535	0.059137295	0.000426324	0	0	0	0	0	0	79108.22103
Orange	2026 Light Commercial - Misc - Welders	Aggregate	25 Diesel	0.000276809	0.000254465	0.000304666	0.000254465	0.00014455	0.000426324	0.000426324	0.000426324	0.000426324	0.000426324	0.000426324	0.000426324	0.000426324	482092
Orange	2026 Light Commercial - Misc - Welders	Aggregate	50 Gasoline	0.004241716	0.003687199	0.000634473	0.000427793	0.000644848	0.000671559	0.000284524	0.000376575	1.303275	0.122655	0.05	44666.02	137.36	2370602.25
Orange	2026 Light Commercial - Misc - Welders	Aggregate	50 Diesel	0.000866923	0.01031713	0.012483692	0.10104791	0.079476088	0.000210129	0.001921919	0.000164552	0.000106724	0.000164552	0.000164552	0.000164552	0.000164552	16404432.2
Orange	2026 Locomotive - Line - Diesel	Aggregate	0 Diesel	0	0	0	0	0.00014455	0.00014455	0.00014455	0.00014455	0.00014455	0.00014455	0.00014455	0.00014455	0.00014455	556.51
Orange	2026 Locomotive - Passenger	Aggregate	0 Diesel	0.004634141	0.00507311	0.002673551	0.004634141	0.002673551	0.002673551	0.000128649	0.000128649	0.000128649	0.000128649	0.000128649	0.000128649	0.000128649	400094787
Orange	2026 Military Tactical Support - Misc - A/C Unit	Aggregate	100 Diesel	3.8192875	4.5452665	5.4997765	0.000831823	0.000518054	0.145992052	1.82555	1.67965	1.679996	1.194616	0.47865	1372.4	1.55	138612.4
Orange	2026 Military Tactical Support - Misc - A/C Unit	Aggregate	300 Diesel	2.031445	2.1496165	2.9277735	0.000193847	0.000193847	0.124895584	5.3031766	4.8775666	1.382956	4.00245	573.05	4.91	119195.44	
Orange	2026 Military Tactical Support - Misc - Aircraft Support	Aggregate	100 Diesel	1.4131317	1.3787817	1.3787817	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	712483.1
Orange	2026 Military Tactical Support - Misc - Aircraft Support	Aggregate	100 Diesel	6.9902126	8.3189316	1.060595	0.00012244	0.4988885	0.02681947	1.3401936	3.0702796	0.060929C	2.194567	0.2753	368.65	1.25	25068.2
Orange	2026 Military Tactical Support - Misc - Aircraft Support	Aggregate	175 Diesel	1.5575155	1.853565	2.242815	0.000393752	0.000155588	0.07826116	5.58686	6.688876	0.672588	0.7755	53.9	1.78	74606	
Orange	2026 Military Tactical Support - Misc - Cart	Aggregate	300 Diesel	3.568538	4.2448565	5.138888	7.77215	0.4844625	0.01360262	1.705188	1.568776	1.568876	1.120236	0.7	44.3	1400.7	
Orange	2026 Military Tactical Support - Misc - Cart	Aggregate	175 Diesel	1.276811	1.593126	1.888111	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	200.75
Orange	2026 Military Tactical Support - Misc - Cart	Aggregate	300 Diesel	4.478196	5.329426	6.44862	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	123.16
Orange	2026 Military Tactical Support - Misc - Communications	Aggregate	100 Diesel	1.762246	2.097216	2.537262	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847
Orange	2026 Military Tactical Support - Misc - Communications	Aggregate	50 Diesel	1.030958	1.22486	1.484433	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	58.4
Orange	2026 Military Tactical Support - Misc - Compressor	Aggregate	100 Diesel	1.936036	4.684125	5.607885	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	4887.35
Orange	2026 Military Tactical Support - Misc - Compressor	Aggregate	175 Diesel	1.857896	2.211046	2.675366	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	29.3
Orange	2026 Military Tactical Support - Misc - Compressor	Aggregate	300 Diesel	4.055386	4.826238	5.839746	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	103.4
Orange	2026 Military Tactical Support - Misc - Compressor	Aggregate	50 Diesel	1.262786	1.502838	1.818422	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	58.4
Orange	2026 Military Tactical Support - Misc - Crane	Aggregate	600 Diesel	2.321075	2.762265	3.423235	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	4724.05
Orange	2026 Military Tactical Support - Misc - Crane	Aggregate	300 Diesel	3.455556	4.113586	4.973426	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	76.65
Orange	2026 Military Tactical Support - Misc - Crane	Aggregate	175 Diesel	6.320017	7.528477	9.019457	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	211.7
Orange	2026 Military Tactical Support - Misc - Crane	Aggregate	300 Diesel	6.204547	7.379057	8.928467	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	4021.85
Orange	2026 Military Tactical Support - Misc - Generator	Aggregate	100 Diesel	1.921446	2.305152	2.818246	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	18.9
Orange	2026 Military Tactical Support - Misc - Generator	Aggregate	100 Diesel	0.00002477	0.00024366	0.00029487	0.000495845	0.000279976	0.000279976	0.000279976	0.000279976	0.000279976	0.000279976	0.000279976	0.000279976	0.000279976	24.85
Orange	2026 Military Tactical Support - Misc - Generator	Aggregate	175 Diesel	0.000021186	0.00026329	0.000318058	0.000591771	0.000229955	1.11440974	6.823866	7.933955	1.296765	9.11896	0.36248	15.73	29.03	1001812.45
Orange	2026 Military Tactical Support - Misc - Generator	Aggregate	300 Diesel	3.626806144	4.2448565	5.138888	7.77215	0.4844625	0.01360262	1.705188	1.568776	1.568876	1.120236	0.7	44.3	1400.7	
Orange	2026 Military Tactical Support - Misc - Generator	Aggregate	50 Diesel	6.613036	7.868464	9.518886	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	139.64
Orange	2026 Military Tactical Support - Misc - Generator	Aggregate	600 Diesel	4.485685	5.338326	6.459375	0.000495516	0.000495516	0.000495516	0.000495516	0.000495516	0.000495516	0.000495516	0.000495516	0.000495516	0.000495516	2.57
Orange	2026 Military Tactical Support - Misc - Generator	Aggregate	750 Diesel	2.388646	2.844868	3.439656	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847
Orange	2026 Military Tactical Support - Misc - Hydraulic Unit	Aggregate	100 Diesel	2.337685	2.762265	3.423235	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	886.95
Orange	2026 Military Tactical Support - Misc - Lift	Aggregate	100 Diesel	6.957527	8.3189316	1.060595	0.00012244	0.4988885	0.02681947	1.3401936	3.0702796	0.060929C	2.194567	0.2753	368.65	1.25	25068.2
Orange	2026 Military Tactical Support - Misc - Light	Aggregate	50 Diesel	1.610716	1.916876	2.319422	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	516.8
Orange	2026 Military Tactical Support - Misc - Other Tactical Supp/Aggregate	Aggregate	100 Diesel	4.646556	5.526556	6.68246	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	71.7
Orange	2026 Military Tactical Support - Misc - Other Tactical Supp/Aggregate	Aggregate	175 Diesel	1.586546	1.888111	2.242815	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	211.7
Orange	2026 Military Tactical Support - Misc - Other Tactical Supp/Aggregate	Aggregate	300 Diesel	2.973426	3.538526	4.281616	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	412.1
Orange	2026 Military Tactical Support - Misc - Other Tactical Supp/Aggregate	Aggregate	50 Diesel	3.221417	3.837557	4.638837	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	58.4
Orange	2026 Military Tactical Support - Misc - Other Tactical Supp/Aggregate	Aggregate	600 Diesel	1.200906	1.428216	1.723816	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	298.25
Orange	2026 Military Tactical Support - Misc - Other Tactical Supp/Aggregate	Aggregate	750 Diesel	1.273155	1.428216	1.723816	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	298.25
Orange	2026 Military Tactical Support - Misc - Pressure Washers	Aggregate	175 Diesel	1.268265	1.509336	1.826295	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	58.4
Orange	2026 Military Tactical Support - Misc - Pump	Aggregate	100 Diesel	1.652116	1.966136	2.379025	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	58.4
Orange	2026 Military Tactical Support - Misc - Pump	Aggregate	50 Diesel	1.457376	1.734935	2.098615	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	58.4
Orange	2026 Military Tactical Support - Misc - Start Cart	Aggregate	100 Diesel	1.652116	1.966136	2.379025	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	58.4
Orange	2026 Military Tactical Support - Misc - Start Cart	Aggregate	600 Diesel	6.289372	7.484877	9.056697	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	412.1
Orange	2026 Military Tactical Support - Misc - Test Stand	Aggregate	100 Diesel	1.114626	1.326485	1.605055	0.000242758	0.00015532	0.000242758	0.00015532	0.000242758	0.00015532	0.000242758	0.00015532	0.000242758	0.00015532	1.37
Orange	2026 Military Tactical Support - Misc - Test Stand	Aggregate	175 Diesel	7.88887	9.402217	1.137438	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	0.000193847	124.1
Orange	2026 Military Tactical Support - Misc - Test Stand	Aggregate	300 Diesel	30.3476	3.651326	1.989635	0.000193847	0.000193847	0.000193847	0.000193847	0.0001938						

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Orange	2026 Portable Equipment - Non-Rental Pump	Aggregate	100 Diesel	0.000110392	0.000133575	0.000158965	0.000549386	0.002095642	0.719446461	0.000142026	0.00012899	6.665766-06	5.887421-06	23402.873176	16159.74923	49.87424796	1447784.209
Orange	2026 Portable Equipment - Non-Rental Pump	Aggregate	175 Diesel	0.000175271	0.000212978	0.00023239	0.000947299	0.000191057	1.256210953	0.69997376	6.40244E-05	1.16387E-05	1.02792E-05	40860.48554	18918.06393	57.67351308	2527777.523
Orange	2026 Portable Equipment - Non-Rental Pump	Aggregate	300 Diesel	0.000212619	0.000147159	0.000171331	0.000615988	0.002639399	2.44946E-05	2.62160E-05	8.58455E-06	7.58416E-06	30137.3345	8078.88851	24.62952825	1864404.589	
Orange	2026 Portable Equipment - Non-Rental Pump	Aggregate	50 Diesel	1.41612E-06	1.7135E-06	2.03921E-06	3.08443E-05	2.35148E-06	0.004982145	2.72513E-07	2.50712E-07	4.61376E-08	4.07675E-08	162.0530872	101.9722127	0.615731456	9017.757319
Orange	2026 Portable Equipment - Non-Rental Pump	Aggregate	600 Diesel	0.000226502	0.000274068	0.000326164	0.002328895	0.001702741	1.752560675	7.67799E-05	1.62379E-05	1.62379E-05	1.43407E-05	57005.1391	9021.425502	27.50267202	3526544.225
Orange	2026 Portable Equipment - Non-Rental Pump	Aggregate	75 Diesel	9.89943E-05	0.000119793	0.000142552	0.000322227	0.001922713	0.37514995	4.36648E-05	3.7415E-06	3.47923E-06	3.07856E-06	12205.65096	11108.4717	33.8652301	755086.864
Orange	2026 Portable Equipment - Non-Rental Pump	Aggregate	750 Diesel	0.000111554	0.000134981	0.000166528	0.001634337	0.00111604	0.888728356	6.18709E-05	5.69212E-05	8.23438E-06	7.27221E-06	28907.48361	2602.962837	8.209752751	1788231.438
Orange	2026 Portable Equipment - Non-Rental Pump	Aggregate	9999 Diesel	8.37082E-05	0.000101287	0.00012054	0.000962889	0.00190258	0.507005705	3.10289E-05	2.85466E-05	4.69688E-05	4.14868E-06	16491.25828	807.88885	2.462952825	1020208.924
Orange	2026 Portable Equipment - Rental Compressor	Aggregate	100 Diesel	1.65096E-05	1.94768E-05	2.3179E-05	0.000499291	0.000247819	0.073611388	1.60793E-05	1.4793E-05	6.81829E-07	6.02341E-07	3294.340748	1808.189941	3.2839011	148322.5846
Orange	2026 Portable Equipment - Rental Compressor	Aggregate	175 Diesel	0.000221499	0.000268014	0.000318959	0.000950336	0.001758971	1.712712127	6.5379E-05	6.06087E-05	1.59523E-05	1.40886E-05	50006.91077	25879.73553	47.0008345	3464790.208
Orange	2026 Portable Equipment - Rental Compressor	Aggregate	300 Diesel	0.000142397	0.000172305	0.000205052	0.000108637	0.000488366	1.000120576	2.44362E-05	2.43621E-05	9.00183E-06	1.010927E-05	35782.797516	8023.842862	14.57321113	2213653.342
Orange	2026 Portable Equipment - Rental Compressor	Aggregate	50 Diesel	7.39013E-06	8.50646E-06	1.01234E-05	0.00016209	0.00012757	0.0037129634	1.91719E-06	1.76381E-06	2.53018E-07	2.23549E-07	888.6194757	10021.106842	1.847194369	49448.47672
Orange	2026 Portable Equipment - Rental Compressor	Aggregate	600 Diesel	0.000134808	0.000258318	0.000307023	0.002957605	0.01004481	15.48519482	0.000493493	0.000454014	0.00014347	0.000126711	133683.13979	58540.1493	106.613981	3119676.88
Orange	2026 Portable Equipment - Rental Compressor	Aggregate	75 Diesel	1.54535E-05	1.07868E-05	3.86512E-05	0.00034383	0.00094095	0.07918375	5.46813E-06	5.03068E-06	7.1325E-07	6.47938E-07	2575.592887	2599.27304	14.72607932	15935.4079
Orange	2026 Portable Equipment - Rental Compressor	Aggregate	750 Diesel	0.000275495	0.000333349	0.000396713	0.001308197	0.002406518	1.588133665	0.000125877	0.000115807	1.47123E-05	1.29592E-05	51656.85944	51984.56079	94.01125664	1359680.288
Orange	2026 Portable Equipment - Rental Compressor	Aggregate	9999 Diesel	0.000160083	0.000193701	0.00023052	0.00022119	0.0003598619	1.166916038	5.94945E-05	5.49145E-05	8.08115E-06	5.94854E-06	37956.0103	2260.227426	1.048676376	234096.173
Orange	2026 Portable Equipment - Rental Generator	Aggregate	100 Diesel	0.001746249	0.002112962	0.002514599	0.004943466	0.017397921	7.40653962	0.000145169	0.00135563	6.24275E-05	5.51568E-05	219251.7053	146381.4279	97.49081392	1356704.074
Orange	2026 Portable Equipment - Rental Generator	Aggregate	175 Diesel	0.002847086	0.003444976	0.004094968	0.015413621	0.03330734	13.03314923	0.000519548	0.00478021	0.000120712	0.000106448	423912.7608	183979.342	122.3305598	2622604.431
Orange	2026 Portable Equipment - Rental Generator	Aggregate	300 Diesel	0.00675847	0.008177748	0.009732196	0.026391596	0.026725464	0.00125841	0.00115737	0.000246608	0.000217383	0.000217383	866698.084	21493.14518	145.5178675	5357994.05
Orange	2026 Portable Equipment - Rental Generator	Aggregate	50 Diesel	6.02415E-06	7.28922E-06	8.67478E-06	8.70155E-05	5.32637E-06	0.00846457	2.07136E-06	1.90565E-06	7.81104E-08	6.91149E-08	274.735984	2030.1714271	0.205243819	15288.21465
Orange	2026 Portable Equipment - Rental Generator	Aggregate	600 Diesel	0.009398688	0.01137412	0.0135411	0.042941863	0.01489167	41.0634789	0.000178154	0.000159102	0.00038034	0.000300301	1335661.025	201393.1429	135.46092024	2862825.21
Orange	2026 Portable Equipment - Rental Generator	Aggregate	75 Diesel	0.001322198	0.001599859	0.001903965	0.002844306	0.015012977	2.87845742	0.000240396	0.000221165	2.6441E-05	2.35536E-05	90626.80464	89986.05673	59.93155058	5792931.001
Orange	2026 Portable Equipment - Rental Generator	Aggregate	750 Diesel	0.001913821	0.002313304	0.002735023	0.01267485	0.011279314	5.949584428	0.000959132	0.000547521	5.509E-05	4.88037E-05	193520.768	11812.1142	12.10938531	1971895.13
Orange	2026 Portable Equipment - Rental Generator	Aggregate	9999 Diesel	0.015290951	0.02324027	0.027778917	0.07402375	7.481595247	0.0006451437	0.000699072	0.000617647	2455184.155	122368.5709	82.09752571	15188677.79	82.09752571	15188677.79
Orange	2026 Portable Equipment - Rental Other	Aggregate	100 Diesel	0.000210083	0.000255168	0.000303671	0.00633893	0.002128281	0.844645931	0.000184346	0.000169598	7.8227E-06	6.91431E-06	27473.27919	19456.55683	14.9679877	1699596.485
Orange	2026 Portable Equipment - Rental Other	Aggregate	175 Diesel	0.000912369	0.001105055	0.001335107	0.027618301	0.004758839	4.628651517	0.000215866	0.000158956	4.28855E-05	3.78832E-05	150687.9383	70896.46474	54.5048579	931554.888
Orange	2026 Portable Equipment - Rental Other	Aggregate	300 Diesel	0.000823199	0.000996071	0.001185406	0.006952541	0.0026621828	3.077063869	0.000128421	0.000118327	2.8497E-05	2.51788E-05	100087.0327	19156.76122	20.11389424	6191746.088
Orange	2026 Portable Equipment - Rental Other	Aggregate	50 Diesel	1.72808E-06	2.20909E-05	2.48483E-05	0.000284644	0.000205534	0.043139061	6.14689E-06	5.65514E-06	3.17726E-07	2.80945E-07	1116.771085	1599.169054	1.231462931	62144.88471
Orange	2026 Portable Equipment - Rental Other	Aggregate	600 Diesel	0.000596444	0.000712697	0.000858879	0.004966827	0.00279696	24.00013529	0.000124519	0.000124519	2.23461E-05	1.97472E-05	78476.95939	12200.29608	9.44215564	4854969.951
Orange	2026 Portable Equipment - Rental Other	Aggregate	75 Diesel	0.000912369	0.001105055	0.001335107	0.027618301	0.004758839	4.628651517	0.000215866	0.000158956	4.28855E-05	3.78832E-05	150687.9383	70896.46474	54.5048579	931554.888
Orange	2026 Portable Equipment - Rental Other	Aggregate	750 Diesel	0.000335485	0.00040594	0.000483102	0.003479265	0.0012644949	1.732246181	8.1637E-05	7.92739E-05	1.60463E-05	1.41745E-05	56344.3742	5330.565514	4.104867376	3486566.917
Orange	2026 Portable Equipment - Rental Other	Aggregate	9999 Diesel	0.000386868	0.000530737	0.000633298	0.005853846	0.015515018	0.000158821	0.000146115	1.496E-05	1.32143E-05	52355.64668	2665.281757	2.052438188	3250045.247	
Orange	2026 Portable Equipment - Rental Pump	Aggregate	100 Diesel	0.000290201	0.000351264	0.000414083	0.000226691	0.00097066	1.13151206	0.000252308	0.000223207	1.04779E-05	9.25752E-06	36799.20517	27446.1171	27.09218493	2276531.771
Orange	2026 Portable Equipment - Rental Pump	Aggregate	175 Diesel	0.000487446	0.00058981	0.000701922	0.022006232	0.003938742	1.914736304	0.000183715	0.000160617	1.77333E-05	1.56677E-05	62380.18858	27030.26684	26.68169644	3852877.878
Orange	2026 Portable Equipment - Rental Pump	Aggregate	300 Diesel	0.000594649	0.000719525	0.000860485	0.002892405	0.008025186	2.890251186	0.00018366	0.00018896	2.67722E-05	2.36501E-05	94010.53739	22040.06373	21.75584479	5815832.098
Orange	2026 Portable Equipment - Rental Pump	Aggregate	50 Diesel	6.26499E-06	7.58063E-06	9.02158E-06	1.71077E-05	5.19705E-06	0.005098876	3.71488E-06	3.41762E-06	5.26356E-08	4.66323E-08	185.3660335	207.9251296	0.205243819	10315.05108
Orange	2026 Portable Equipment - Rental Pump	Aggregate	600 Diesel	0.000694865	0.000840786	0.001004005	0.00796543	0.020267659	4.099725601	0.00218606	0.000127517	3.799E-05	3.35496E-05	133350.8341	22040.06373	21.75584479	8249565.249
Orange	2026 Portable Equipment - Rental Pump	Aggregate	75 Diesel	0.000219369	0.000265437	0.000315892	0.004802516	0.00377201	0.737346821	8.84588E-05	8.82612E-06	6.03186E-06	23977.00556	207920.51296	20.52438188	1483304.345	
Orange	2026 Portable Equipment - Rental Pump	Aggregate	750 Diesel	0.000106572	0.000128953	0.000153464	0.000864603	0.000489956	0.41645207	2.53819E-05	2.33513E-05	3.85694E-06	3.40771E-06	13545.84097	1247.507777	1.231462931	837994.7495
Orange	2026 Recreational - All Terrain Vehicles (Atvs) Active	Aggregate	120 Gasoline	0.000392411	0.000396335	0.000414384	0.008744759	0.0002027963	0.014322482	0.0004611E-05	1.54481E-05	1.99437E-05	2.68054E-06	6580.8287	0	0	202.4040223
Orange	2026 Recreational - All Terrain Vehicles (Atvs) Active	Aggregate	15 Gasoline	0.000205499	0.000207554	0.00021614	0.002585199	5.3024E-05	0.07416008	6.03089E-06	4.55667E-06	5.41143E-07	7.74787E-07	5573.796232	0	0	74.18746094
Orange	2026 Recreational - All Terrain Vehicles (Atvs) Active	Aggregate	25 Gasoline	0.000125193	0.000126445	0.00013767	0.001123423	2.10745E-05	0.01509599	2.80067E-06	2.12061E-06	2.3357E-07	3.39675E-07	645.03492	0	0	36.20294794
Orange	2026 Recreational - All Terrain Vehicles (Atvs) Active	Aggregate	5 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2026 Recreational - All Terrain Vehicles (Atvs) Active	Aggregate	50 Gasoline	0.000935389	0.00094472	0.001029338	0.017952396	0.000392874	0.311537273	3.93922E-05	2.97629E-05	3.83219E-06	6.13208E-06	12793.56775	0	0	515.5075812
Orange	2026 Recreational - Golf Carts	Aggregate	120 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2026 Recreational - Golf Carts	Aggregate	15 Gasoline	0.000225597	0.002278154	0.002482147	0.062965876	0.000128738	0.000176514	0.000170371	0.000128724	6.44393E-06	1.1438E-05	32497.20802	0	0	864.2009055
Orange	2026 Recreational - Golf Carts	Aggregate	25 Gasoline	0.000668325	0.000675009	0.00073545	0.018655556	0.00052407	0.202511159	5.04802E-05	3.81406E-05	1.90931E-06	3.80878E-06	9628.802382	0	0	144.0348483
Orange	2026 Recreational - Golf Carts	Aggregate	5 Gasoline	5.18507E-05	5.23691E-05	5.70585E-05	0.001464956	4.9309E-06	0.008089685	3.92671E-06	2.96684E-06	2.0457E-07	1.39539E-07	3.94736939	0	0	20.57621204
Orange	2026 Recreational - Golf Carts	Aggregate	50 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2026 Recreational - Minibikes	Aggregate	120 Gasoline	0	0	0	0										

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	Equipment Type	Horsepower HP	Gas				Diesel				Natural Gas			
			Fuel (Gal/Yr)	Population	Hrs/Yr	Gal/Hr	Fuel (Gal/Yr)	Population	Hrs/Yr	Gal/Hr	Fuel (Gal/Yr)	Population	Hrs/Yr	Gal/Hr
Air Compressor25	Air Compressors	25	53258.55039	189.79023	0	0	4901.292622	9.289275511	0	0	0	0	0	0
Air Compressor50	Air Compressors	50	53103.85	48.85	23611.85	2.249033854	92991.05	112.06	91217.15	1.019447001	0	0	0	0
Air Compressor75	Air Compressors	75	0	0	0	0	0	0	0	0	0	0	0	0
Air Compressor100	Air Compressors	100	287386.4	158.36	76569.7	3.753265326	0	0	0	0	0	0	0	0
Air Compressor175	Air Compressors	175	35244.4	10.66	5153.8	6.838526912	0	0	0	0	0	0	0	0
Air Compressor300	Air Compressors	300	0	0	0	0	0	0	0	0	0	0	0	0
Air Compressor500	Air Compressors	600	0	0	0	0	0	0	0	0	0	0	0	0
Air Compressor750	Air Compressors	750	0	0	0	0	0	0	0	0	0	0	0	0
Air Compressor9999	Air Compressors	9999	0	0	0	0	0	0	0	0	0	0	0	0
Aerial Lifts25	Aerial Lifts	25	26136.2921	157.4983619	0	0	210.037603	97.96586139	0	0	4124.377996	66.7439842	0	0
Aerial Lift50	Aerial Lifts	50	74193.55	129.44	46767.45	1.586435651	71386.84104	373.037998	87243.10856	0.81825192	0	0	0	0
Aerial Lift75	Aerial Lifts	75	0	0	0	0	14196.9483	406.7553129	11899.4943	1.1972121	0	0	0	0
Aerial Lift100	Aerial Lifts	100	133265.15	129.44	46767.45	2.849527823	28195.96969	70.22906387	20020.79018	1.408134508	0	0	0	0
Aerial Lift175	Aerial Lifts	175	0	0	0	0	41429.85887	49.72604953	22284.59931	1.859125142	0	0	0	0
Aerial Lift300	Aerial Lifts	300	0	0	0	0	875.3649379	0.58909458	38.9709566	3.66305994	0	0	0	0
Aerial Lift500	Aerial Lifts	600	0	0	0	0	520.6005125	0.23563782	88.40746167	5.888649019	0	0	0	0
Bore/Drill rigs25	Bore/Drill rigs	25	1425.983137	16.30534843	0	0	71.31940039	11.22091056	0	0	0	0	0	0
Bore/Drill rigs50	Bore/Drill rigs	50	693.5	2.51	281.05	2.467532468	2722.733748	5.17678262	2444.656311	1.113749093	0	0	0	0
Bore/Drill rigs75	Bore/Drill rigs	75	0	0	0	0	10478.57288	12.058807	5843.314654	1.793258364	0	0	0	0
Bore/Drill rigs100	Bore/Drill rigs	100	7858.45	11.49	1237.35	6.351032448	8122.721059	6.377144746	3274.599187	2.46025275	0	0	0	0
Bore/Drill rigs175	Bore/Drill rigs	175	2744.8	2.86	225.95	9.283950617	57493.74884	25.27039484	16389.25633	3.506247339	0	0	0	0
Bore/Drill rigs300	Bore/Drill rigs	300	0	0	0	0	68776.17291	19.772183	12184.75913	5.63813973	0	0	0	0
Bore/Drill rigs500	Bore/Drill rigs	600	0	0	0	0	98744.06159	16.98922653	9799.33651	10.07660687	0	0	0	0
Bore/Drill rigs750	Bore/Drill rigs	750	0	0	0	0	40792.88725	4.420496123	2502.580507	16.30080899	0	0	0	0
Bore/Drill rigs9999	Bore/Drill rigs	9999	0	0	0	0	13454.05094	1.07323547	625.4023665	21.51056827	0	0	0	0
Cement and Mortar Mixers25	Cement and Mortar Mixers	25	736.768789	10.875153	0	0	20.52022642	7.945528099	0	0	0	0	0	0
Cement and Mortar Mixers50	Cement and Mortar Mixers	50	0	0	0	0	0	0	0	0	0	0	0	0
Cement and Mortar Mixers75	Cement and Mortar Mixers	75	0	0	0	0	0	0	0	0	0	0	0	0
Cement and Mortar Mixers100	Cement and Mortar Mixers	100	0	0	0	0	0	0	0	0	0	0	0	0
Cement and Mortar Mixers175	Cement and Mortar Mixers	175	0	0	0	0	0	0	0	0	0	0	0	0
Cement and Mortar Mixers300	Cement and Mortar Mixers	300	0	0	0	0	0	0	0	0	0	0	0	0
Cement and Mortar Mixers500	Cement and Mortar Mixers	600	0	0	0	0	0	0	0	0	0	0	0	0
Cement and Mortar Mixers750	Cement and Mortar Mixers	750	0	0	0	0	0	0	0	0	0	0	0	0
Cement and Mortar Mixers9999	Cement and Mortar Mixers	9999	0	0	0	0	0	0	0	0	0	0	0	0
Concrete/Industrial Saws25	Concrete/Industrial Saws	25	24291.24172	118.4477663	0	0	14.03207557	2.934649833	0	0	0	0	0	0
Concrete/Industrial Saws50	Concrete/Industrial Saws	50	15771.65	9.33	5703.3	2.766325224	4901.95	6.11	3555.1	1.378850103	0	0	0	0
Concrete/Industrial Saws75	Concrete/Industrial Saws	75	0	0	0	0	0	0	0	0	0	0	0	0
Concrete/Industrial Saws100	Concrete/Industrial Saws	100	15388.4	5.35	3266.75	4.710614525	0	0	0	0	0	0	0	0
Concrete/Industrial Saws175	Concrete/Industrial Saws	175	0	0	0	0	0	0	0	0	0	0	0	0
Concrete/Industrial Saws300	Concrete/Industrial Saws	300	0	0	0	0	0	0	0	0	0	0	0	0
Concrete/Industrial Saws500	Concrete/Industrial Saws	600	0	0	0	0	0	0	0	0	0	0	0	0
Concrete/Industrial Saws750	Concrete/Industrial Saws	750	0	0	0	0	0	0	0	0	0	0	0	0
Concrete/Industrial Saws9999	Concrete/Industrial Saws	9999	0	0	0	0	0	0	0	0	0	0	0	0
Cranes25	Cranes	25	0	0	0	0	200.540035	0.12626282	20.24249302	9.906908939	0	0	0	0
Cranes50	Cranes	50	2310.45	2.86	1178.95	1.959752322	371.2415048	1.642739536	322.2373468	1.158182578	0	0	0	0
Cranes75	Cranes	75	0	0	0	0	1580.327794	4.864095634	895.237793	1.705288088	0	0	0	0
Cranes100	Cranes	100	7832.9	5.7	2365.2	3.311728395	3891.597228	9.544625347	1858.67865	2.093743977	0	0	0	0
Cranes175	Cranes	175	507.35	0.16	87.6	5.791666667	30104.48511	42.91989989	11327.02063	2.657758478	0	0	0	0
Cranes300	Cranes	300	0	0	0	0	92700.08458	96.53308452	24672.63828	1.75720347	0	0	0	0
Cranes600	Cranes	600	0	0	0	0	127448.5261	77.13727989	20445.61813	6.243119429	0	0	0	0
Cranes750	Cranes	750	0	0	0	0	19716.01052	8.903962106	2096.346575	9.404938456	0	0	0	0
Cranes9999	Cranes	9999	0	0	0	0	6660.426838	2.08434884	506.4134178	13.15215317	0	0	0	0
Crawler Tractors25	Crawler Tractors	25	0	0	0	0	0	0	0	0	0	0	0	0
Crawler Tractors50	Crawler Tractors	50	0	0	0	0	1835.327201	5.42104864	1483.558965	1.230368154	0	0	0	0
Crawler Tractors75	Crawler Tractors	75	0	0	0	0	11269.33578	21.5357628	6426.78286	1.753495648	0	0	0	0
Crawler Tractors100	Crawler Tractors	100	0	0	0	0	42884.94709	54.19195377	19123.8424	2.242485908	0	0	0	0
Crawler Tractors175	Crawler Tractors	175	0	0	0	0	152125.9357	111.2688784	51202.85466	2.97104403	0	0	0	0
Crawler Tractors300	Crawler Tractors	300	0	0	0	0	187684.3803	90.13846454	39221.95899	4.785186287	0	0	0	0
Crawler Tractors600	Crawler Tractors	600	0	0	0	0	326411.4059	90.06346258	39565.83685	8.249829447	0	0	0	0
Crawler Tractors750	Crawler Tractors	750	0	0	0	0	21177.23478	4.115272202	1620.339966	13.06962441	0	0	0	0
Crawler Tractors9999	Crawler Tractors	9999	0	0	0	0	33284.59507	4.869666049	1937.891427	17.17533019	0	0	0	0
Crushing/Proc. Equipment25	Crushing/Proc. Equipment	25	262.2141076	1.342670312	0	0	0	0	0	0	0	0	0	0
Crushing/Proc. Equipment50	Crushing/Proc. Equipment	50	0	0	0	0	0	0	0	0	0	0	0	0
Crushing/Proc. Equipment75	Crushing/Proc. Equipment	75	0	0	0	0	0	0	0	0	0	0	0	0
Crushing/Proc. Equipment100	Crushing/Proc. Equipment	100	0	0	0	0	0	0	0	0	0	0	0	0
Crushing/Proc. Equipment175	Crushing/Proc. Equipment	175	0	0	0	0	0	0	0	0	0	0	0	0
Crushing/Proc. Equipment300	Crushing/Proc. Equipment	300	0	0	0	0	0	0	0	0	0	0	0	0
Crushing/Proc. Equipment600	Crushing/Proc. Equipment	600	0	0	0	0	0	0	0	0	0	0	0	0
Crushing/Proc. Equipment750	Crushing/Proc. Equipment	750	0	0	0	0	0	0	0	0	0	0	0	0
Crushing/Proc. Equipment9999	Crushing/Proc. Equipment	9999	0	0	0	0	0	0	0	0	0	0	0	0
Dumpers/Tenders25	Dumpers/Tenders	25	1809.670911	30.91758852	0	0	10.15306232	4.103807075	0	0	0	0	0	0
Dumpers/Tenders100	Dumpers/Tenders	100	649.7	2.07	270.1	2.405405405	0	0	0	0	0	0	0	0
Excavators25	Excavators	25	0	0	0	0	76.7185491	6.498107759	25.38475202	3.022279606	0	0	0	0
Excavators50	Excavators	50	0	0	0	0	167915.7227	471.7895513	220719.845	0.760764048	0	0	0	0
Excavators75	Excavators	75	0	0	0	0	132556.9589	195.1423166	100396.2532	1.320317708	0	0	0	0
Excavators100	Excavators	100	0	0	0	0	103977.9816	102.7269541	53938.91591	1.927698765	0	0	0	0
Excavators175	Excavators	175	0	0	0	0	584190.9029	291.8914953	207776.9284	2.811625465	0	0	0	0
Excavators300	Excavators	300	0	0	0	0	625901.5872	217.4857427	139250.771	4.494762921	0	0	0	0
Excavators600	Excavators	600	0	0	0	0	719198.3482	151.6070889	100244.5163	7.167190993	0	0	0	0
Excavators750	Excavators	750	0	0	0	0	20297.54166	3.161859101	1682.135243	12.06653374	0	0	0	0
Excavators9999	Excavators	9999	0	0	0	0	100944.3706	5.875542039	3365.493696	29.9392653	0	0	0	0
Forklifts25	Forklifts	25	492.5170882	1.201941912	0	0	0.528318145	0.12189316	39.25446988	0.01459312	449.7682452	2.303773939	0	0
Forklifts50	Forklifts	50	1243945.55	433.91	778669	1.597521782	35713.03881	92.3005461	65675.65472	1.5474947	1949862.82	810.71	146050	1.335008522
Forklifts75	Forklifts	75	0	0	0	0	401282.5672	1151.847243	468138.1235	0.857188396	0	0	0	0
Forklifts100	Forklifts	100	5796667.2	1547.26	274262.6	2.113547439	270991.9136	617.585102	244728.1085	1.10718302	1220255.9	2845.38	5126114.75	2.380468736
Forklifts175	Forklifts	175	405182.85	56.56	100214.4	4.04159965	984846.6191	1112.627152	631176.3952	1.560334998	915858	104.13	187591.75	4.882118683
Forklifts300	Forklifts	300	0	0	0	0	96309.33448	18.821802127	121487.15527	2.1421863	0	0	0	0
Forklifts600	Forklifts	600	0	0	0	0	17593.79339	9.745601811	4876.694271	3.607729419	0	0	0	0
Forklifts														

Off-Highway Tractors600	Off-Highway Tractors	600	0	0	0	0	152280.5415	20.34171107	18647.58581	8.166233585	0	0	0	0
Off-Highway Tractors750	Off-Highway Tractors	750	0	0	0	0	12300.30699	1.326053881	968.5857346	12.69924442	0	0	0	0
Off-Highway Tractors9999	Off-Highway Tractors	9999	0	0	0	0	11099.53875	0.443128757	346.6708232	32.01750714	0	0	0	0
Off-Highway Trucks25	Off-Highway Trucks	25	0	0	0	0	0	0	0	0	0	0	0	0
Off-Highway Trucks50	Off-Highway Trucks	50	0	0	0	0	1223.625674	3.282837532	2042.196219	0.599171452	0	0	0	0
Off-Highway Trucks75	Off-Highway Trucks	75	0	0	0	0	1490.33608	1.641769751	891.035466	1.672813414	0	0	0	0
Off-Highway Trucks100	Off-Highway Trucks	100	0	0	0	0	652.783978	0.568183419	358.8733032	1.91890957	0	0	0	0
Off-Highway Trucks175	Off-Highway Trucks	175	0	0	0	0	33448.07489	12.24965173	11095.51476	3.014558171	0	0	0	0
Off-Highway Trucks300	Off-Highway Trucks	300	0	0	0	0	77916.67259	24.32014309	17928.26806	4.346023466	0	0	0	0
Off-Highway Trucks600	Off-Highway Trucks	600	0	0	0	0	568840.2984	83.42272057	69230.30498	8.231087239	0	0	0	0
Off-Highway Trucks750	Off-Highway Trucks	750	0	0	0	0	20860.33741	10.83560032	6258.634938	11.32195943	0	0	0	0
Off-Highway Trucks9999	Off-Highway Trucks	9999	0	0	0	0	268811.4148	18.90637569	12523.62383	21.2543144	0	0	0	0
Pavers25	Pavers	25	4811.489838	16.79214263	0	0	19.11945328	2.54613149	0	0	0	0	0	0
Pavers50	Pavers	50	7398.55	8.09	3182.8	2.324541284	2778.921168	8.397304019	3002.035368	0.925530731	0	0	0	0
Pavers75	Pavers	75	0	0	0	0	18336.4709	21.78258422	8478.573464	1.59650923	0	0	0	0
Pavers100	Pavers	100	6624.75	4.45	1741.001	3.805031447	14657.86468	16.73283608	7300.95711	2.070634442	0	0	0	0
Pavers175	Pavers	175	0	0	0	0	48675.79332	29.61745138	16375.05443	2.97255765	0	0	0	0
Pavers300	Pavers	300	0	0	0	0	58929.70287	21.90936771	12219.38083	4.822642293	0	0	0	0
Pavers600	Pavers	600	0	0	0	0	10365.84896	2.274534306	1319.159947	7.85716464	0	0	0	0
Pavers750	Pavers	750	0	0	0	0	425.384973	0.063131401	31.86946657	13.34772868	0	0	0	0
Pavers9999	Pavers	9999	0	0	0	0	9759.451309	0.441920437	237.0851787	41.16432483	0	0	0	0
Paving Equipment25	Paving Equipment	25	5272.632348	40.58270108	0	0	32.34807799	6.303995946	0	0	0	0	0	0
Paving Equipment50	Paving Equipment	50	8623.1	22.11	3889	2.228301887	6784.778674	23.23347639	8935.015444	0.709347158	0	0	0	0
Paving Equipment75	Paving Equipment	75	0	0	0	0	5047.405744	9.154306511	3735.536745	1.353186212	0	0	0	0
Paving Equipment100	Paving Equipment	100	3562.4	5.68	996.45	3.575091575	8476.989353	10.42447151	4484.200909	1.890412478	0	0	0	0
Paving Equipment175	Paving Equipment	175	0	0	0	0	54000.54345	33.65696118	21904.76495	2.465241858	0	0	0	0
Paving Equipment300	Paving Equipment	300	0	0	0	0	24344.23134	10.67464898	5725.134906	4.24921419	0	0	0	0
Paving Equipment600	Paving Equipment	600	0	0	0	0	57386.58432	15.412162144	8010.925230	4.82814389	0	0	0	0
Paving Equipment750	Paving Equipment	750	0	0	0	0	12386.4679	2.083393003	1072.210437	11.5522732	0	0	0	0
Paving Equipment9999	Paving Equipment	9999	0	0	0	0	7764.58777	0.820709383	427.993915	18.14181829	0	0	0	0
Rollers25	Rollers	25	15945.07123	87.55389794	0	0	227.0595057	49.9535919	0	0	0	0	0	0
Rollers50	Rollers	50	9756.45	5.7	3533	2.761363636	48753.30979	236.1493343	85311.906	0.80588633	0	0	0	0
Rollers75	Rollers	75	0	0	0	0	27351.77795	47.98819251	17943.74537	1.524307071	0	0	0	0
Rollers100	Rollers	100	30156.3	10.71	6657.6	4.529605263	42328.93262	56.96920101	21667.96726	1.93525779	0	0	0	0
Rollers175	Rollers	175	0	0	0	0	234567.3077	154.3397059	91437.28314	2.565135492	0	0	0	0
Rollers300	Rollers	300	0	0	0	0	20411.36657	10.24495146	407.613463	1.3661674	0	0	0	0
Rollers600	Rollers	600	0	0	0	0	16148.93065	4.427176722	2196.972883	7.350871673	0	0	0	0
Rollers750	Rollers	750	0	0	0	0	395.9369863	0.063131491	28.80751593	13.74425259	0	0	0	0
Rollers9999	Rollers	9999	0	0	0	0	17467.25564	0.820709383	390.0779884	44.7795727	0	0	0	0
Rough Terrain Forklifts25	Rough Terrain Forklifts	25	0	0	0	0	0	0	0	0	0	0	0	0
Rough Terrain Forklifts50	Rough Terrain Forklifts	50	3131.7	2.24	949	3.3	2079.45644	7.28304884	2099.698116	0.990359721	0	0	0	0
Rough Terrain Forklifts75	Rough Terrain Forklifts	75	0	0	0	0	82889.68479	159.9221201	51846.81982	1.59874193	0	0	0	0
Rough Terrain Forklifts100	Rough Terrain Forklifts	100	68130.9	32.32	13366.3	5.097214637	59650.74537	91.57325251	29272.3954	2.03778607	0	0	0	0
Rough Terrain Forklifts175	Rough Terrain Forklifts	175	3825.2	1.2	467.2	8.1875	37494.58672	74.26259403	59255.7025	1.465615405	0	0	0	0
Rough Terrain Forklifts300	Rough Terrain Forklifts	300	0	0	0	0	3207.961286	1.95763423	748.5301046	4.285054835	0	0	0	0
Rough Terrain Forklifts600	Rough Terrain Forklifts	600	0	0	0	0	907.0938291	0.315669875	133.2267091	6.808848469	0	0	0	0
Rough Terrain Forklifts750	Rough Terrain Forklifts	750	0	0	0	0	298.9346311	0.063143911	23.69411635	12.61640057	0	0	0	0
Rough Terrain Forklifts9999	Rough Terrain Forklifts	9999	0	0	0	0	0	0	0	0	0	0	0	0
Rubber Tired Dozers25	Rubber Tired Dozers	25	0	0	0	0	0	0	0	0	0	0	0	0
Rubber Tired Dozers50	Rubber Tired Dozers	50	0	0	0	0	769.3251341	1.140214306	440.786111	1.745347947	0	0	0	0
Rubber Tired Dozers75	Rubber Tired Dozers	75	0	0	0	0	1477.52645	1.896956023	882.1831668	1.674852236	0	0	0	0
Rubber Tired Dozers100	Rubber Tired Dozers	100	0	0	0	0	2946.063889	3.158781528	1410.427913	2.088780508	0	0	0	0
Rubber Tired Dozers175	Rubber Tired Dozers	175	0	0	0	0	8910.531654	5.242223643	3079.677997	2.893132246	0	0	0	0
Rubber Tired Dozers300	Rubber Tired Dozers	300	0	0	0	0	11051.36413	4.23297598	2415.883275	4.57446113	0	0	0	0
Rubber Tired Dozers600	Rubber Tired Dozers	600	0	0	0	0	59982.94271	15.45746088	8488.95892	7.065995168	0	0	0	0
Rubber Tired Dozers750	Rubber Tired Dozers	750	0	0	0	0	1822.23706	0.316431256	164.0275588	11.10935508	0	0	0	0
Rubber Tired Dozers9999	Rubber Tired Dozers	9999	0	0	0	0	4859.781833	0.315657455	184.5204366	26.33786362	0	0	0	0
Scrapers25	Scrapers	25	0	0	0	0	0	0	0	0	0	0	0	0
Scrapers50	Scrapers	50	0	0	0	0	147.7737045	0.316209725	78.59734365	1.880436117	0	0	0	0
Scrapers75	Scrapers	75	0	0	0	0	1235.794722	2.463181751	649.5499732	1.902539871	0	0	0	0
Scrapers100	Scrapers	100	0	0	0	0	1538.43777	1.95893446	608.6999922	2.51103595	0	0	0	0
Scrapers175	Scrapers	175	0	0	0	0	13128.5443	11.87308386	3453.162266	3.801890352	0	0	0	0
Scrapers300	Scrapers	300	0	0	0	0	183103.1163	93.76138215	30568.12414	5.990001723	0	0	0	0
Scrapers600	Scrapers	600	0	0	0	0	651351.7948	195.7707358	65163.94724	9.995585326	0	0	0	0
Scrapers750	Scrapers	750	0	0	0	0	101594.6617	29.56795666	7959.160117	12.76449527	0	0	0	0
Scrapers9999	Scrapers	9999	0	0	0	0	0	0	0	0	0	0	0	0
Skid Steer Loaders25	Skid Steer Loaders	25	37960.68834	215.2361152	0	0	3706.191526	657.1706624	0	0	0	0	0	0
Skid Steer Loaders50	Skid Steer Loaders	50	45968.1	77.65	24093.65	1.907892744	64850.77673	185.7551267	71644.76831	0.905171141	0	0	0	0
Skid Steer Loaders75	Skid Steer Loaders	75	0	0	0	0	45242.7729	72.65261636	32257.5766	1.402523937	0	0	0	0
Skid Steer Loaders100	Skid Steer Loaders	100	61484.25	46.46	14410.2	4.266717325	231330.5929	282.4068222	132153.9804	1.750462545	0	0	0	0
Skid Steer Loaders175	Skid Steer Loaders	175	0	0	0	0	66965.38869	48.9306505	31924.21067	2.097636473	0	0	0	0
Skid Steer Loaders300	Skid Steer Loaders	300	0	0	0	0	5506.330325	2.651522622	1421.882282	3.872564131	0	0	0	0
Skid Steer Loaders600	Skid Steer Loaders	600	0	0	0	0	3810.07356	0.75757892	431.9056612	8.821467614	0	0	0	0
Skid Steer Loader750	Skid Steer Loaders	750	0	0	0	0	379.2907326	0.063131491	31.65322533	11.98368829	0	0	0	0
Skid Steer Loaders9999	Skid Steer Loaders	9999	0	0	0	0	27961.7197	1.388892802	658.455776	42.46560016	0	0	0	0
Surfacing Equipment25	Surfacing Equipment	25	1908.341242	8.05138776	0	0	0	0	0	0	0	0	0	0
Surfacing Equipment50	Surfacing Equipment	50	0	0	0	0	731.1263567	2.147429507	1014.942492	0.722332993	0	0	0	0
Surfacing Equipment75	Surfacing Equipment	75	0	0	0	0	1258.890512	2.085122501	1015.51913	1.239652188	0	0	0	0
Surfacing Equipment100	Surfacing Equipment	100	0	0	0	0	1746.297651	1.961115044	933.008698	1.87168423	0	0	0	0
Surfacing Equipment175	Surfacing Equipment	175	0	0	0	0	6230.588349	4.736672533	3050.254784	2.042645218	0	0	0	0
Surfacing Equipment300	Surfacing Equipment	300	0	0	0	0	7250.667147	3.604694105	1978.933506	3.663926617	0	0	0	0
Surfacing Equipment600	Surfacing Equipment	600	0	0	0	0	41061.13911	10.79955706	6988.447651	5.87512453	0	0	0	0
Surfacing Equipment750	Surfacing Equipment	750	0	0	0	0	17373.72555	3.22003231	1812.358536	9.586251948	0	0	0	0
Surfacing Equipment9999	Surfacing Equipment	9999	0	0	0	0	7665.558027	1.267576554	630.5425451	12.15708303	0	0	0	0
Sweepers/Scrubbers25	Sweepers/Scrubbers	25	16345.4348	72.0242497	0	0	37.5112298	6.002920185	0	0	0	0	0	0
Sweepers/Scrubbers50	Sweepers/Scrubbers	50	162538.15	120.31	62170.4	2.614399548	196							

Orange	2027	Agricultural - Swathers/Winndrowers/Hay Conditioners	Aggregate	300 Diesel	6.390886-07	7.822758-07	9.202586-07	3.62916E-06	5.93184E-06	0.001395072	2.78126E-07	2.55876E-07	1.27414E-08	1.14155E-08	45.37719862	13.2960065	0.009032641	180.1325667
Orange	2027	Agricultural - Swathers/Winndrowers/Hay Conditioners	Aggregate	50 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Agricultural - Swathers/Winndrowers/Hay Conditioners	Aggregate	175 Diesel	1.5337E-09	1.18577E-09	2.20853E-09	1.28099E-08	1.45617E-08	2.02348E-06	2.00864E-06	1.44594E-06	1.85079E-11	1.65981E-11	0.065975803	0.457437096	0.25467E-05	2.35289E-05
Orange	2027	Airport Ground Support - A/C Tug Narrow Body	Aggregate	100 Diesel	3.23504E-05	3.91444E-05	4.65846E-05	0.00062562	0.000304664	0.108298325	2.44166E-05	2.24632E-05	0.102589E-06	0	3519.127964	1336.45655	2.640067468	61092.84586
Orange	2027	Airport Ground Support - A/C Tug Narrow Body	Aggregate	175 Diesel	0.29883E-05	0.00012516	0.00013903	0.001937883	0.000614665	0.003401264	3.14508E-05	2.89347E-05	1.36393E-06	0	10853.42984	3292.631954	4.562265453	226090.2769
Orange	2027	Airport Ground Support - A/C Tug Narrow Body	Aggregate	300 Diesel	3.11095E-05	3.77042E-05	4.48711E-05	0.000302349	0.000149314	0.138930303	6.50752E-06	5.98667E-06	1.31609E-06	0	454.652518	80.493445	1.341482294	97368.34946
Orange	2027	Airport Ground Support - A/C Tug Narrow Body	Aggregate	50 Diesel	4.89568E-05	1.88973E-05	2.24895E-05	0.000134091	0.000134091	0.000134091	4.35444E-06	4.26461E-06	2.60278E-07	0	892.84809E-04	97.7872381	1.651185399	12392.14498
Orange	2027	Airport Ground Support - A/C Tug Narrow Body	Aggregate	600 Diesel	3.11095E-05	3.77042E-05	4.48711E-05	0.000302349	0.000149314	0.138930303	6.50752E-06	5.98667E-06	1.31609E-06	0	4188.420203	45.0696314	0.709188495	87638.79925
Orange	2027	Airport Ground Support - A/C Tug Narrow Body	Aggregate	75 Diesel	9.73281E-05	0.00011767	0.00014052	0.001492471	0.002191665	0.248624888	1.72541E-05	1.58713E-05	2.35518E-06	0	8079.109123	3873.65601	7.591424576	143897.8072
Orange	2027	Airport Ground Support - A/C Tug Wide Body	Aggregate	100 Diesel	3.66939E-06	4.43999E-06	5.28388E-06	5.5136E-06	4.03848E-05	0.009148556	3.55768E-06	3.27306E-06	8.66625E-08	0	297.28929256	121.6490545	0.275331	5301.024583
Orange	2027	Airport Ground Support - A/C Tug Wide Body	Aggregate	175 Diesel	4.55856E-05	5.97125E-05	7.10735E-05	0.000106387	0.000232543	0.000232543	1.43524E-06	1.32042E-05	1.68765E-06	0	5720.673803	1473.252654	1.889476954	18894.76954
Orange	2027	Airport Ground Support - A/C Tug Wide Body	Aggregate	300 Diesel	0.000110515	0.00013374	0.000159142	0.000903273	0.000645213	0.149881672	2.97138E-05	2.73367E-05	3.97466E-06	0	13644.12817	2143.68233	3.545013563	28011.9333
Orange	2027	Airport Ground Support - A/C Tug Wide Body	Aggregate	50 Diesel	1.28281E-06	1.5522E-06	1.84724E-06	1.53461E-05	0.002108915	5.72542E-07	5.67396E-07	1.99773E-08	0	68.53955676	68.7104186	0.196665	121.986236	
Orange	2027	Airport Ground Support - A/C Tug Wide Body	Aggregate	600 Diesel	0.000108804	0.000131653	0.000156677	0.000845637	0.000546592	0.387076968	3.21538E-05	2.95858E-05	3.66689E-06	0	12578.7741	2333.24496	1.51581659	1528.1659
Orange	2027	Airport Ground Support - A/C Tug Wide Body	Aggregate	75 Diesel	4.94956E-06	4.94837E-06	5.98897E-06	6.00017695	5.29175E-06	1.86968E-07	5.29175E-06	5.29175E-06	2.55153E-07	0	325.1538527	159.0590711	0.971970777	97.1970777
Orange	2027	Airport Ground Support - A/C Tug Wide Body	Aggregate	100 Diesel	1.73301E-05	4.51694E-06	3.3755E-06	2.78377E-06	0.013445681	0.013445681	1.28825E-05	1.18519E-06	1.2737E-07	0	436.9249903	210.1224979	0.886142474	8861.42474
Orange	2027	Airport Ground Support - AirCraft Tractor	Aggregate	75 Diesel	2.16194E-06	2.61595E-06	3.11319E-06	3.4101E-05	2.90593E-05	0.000680703	4.93474E-07	4.53999E-07	5.3812E-06	0	184.5954347	43.0746081	0.275331	3291.61783
Orange	2027	Airport Ground Support - Baggage Tug	Aggregate	100 Diesel	5.8849E-05	7.11544E-05	8.40791E-05	0.001464293	0.000447963	0.207034041	3.60418E-05	3.31585E-05	2.55987E-06	0	8781.281504	419.023745	8.483526124	140530.1115
Orange	2027	Airport Ground Support - Baggage Tug	Aggregate	175 Diesel	3.99468E-05	4.83356E-05	5.75233E-05	0.000517788	0.000447814	0.08183376	1.26929E-05	1.16774E-05	8.78984E-07	0	2703.07078	267.828001	6.338883954	40940.9414
Orange	2027	Airport Ground Support - Baggage Tug	Aggregate	75 Diesel	6.52176E-05	8.93133E-05	9.93134E-05	0.000106957	0.000904792	0.181623675	1.77747E-05	1.63527E-05	1.17205E-06	0	5902.04151	919.164005	8.309683802	96527.85463
Orange	2027	Airport Ground Support - Belt Loader	Aggregate	100 Diesel	2.0736E-05	2.59095E-05	2.98598E-05	0.000610214	0.000174557	0.1148233E-05	1.26333E-05	1.16227E-05	1.08789E-06	0	3731.17192	1947.291574	3.986337696	56890.87543
Orange	2027	Airport Ground Support - Belt Loader	Aggregate	175 Diesel	2.95123E-06	2.53039E-06	3.01137E-06	3.5394E-05	1.76225E-05	0.00822777	8.16151E-07	7.50895E-07	5.89955E-08	0	202.3759445	101.366158	1.574866443	4034.36762
Orange	2027	Airport Ground Support - Belt Loader	Aggregate	300 Diesel	5.87235E-07	7.10555E-07	8.45619E-07	5.51559E-06	6.78796E-06	0.001700495	5.86103E-08	5.39297E-08	2.56305E-08	0	87.9200341	25.6133966	0.093333	1742.911097
Orange	2027	Airport Ground Support - Belt Loader	Aggregate	50 Diesel	4.38846E-05	5.31004E-05	6.31938E-05	0.000596954	0.000941416	0.0898967	1.21894E-06	1.12424E-05	8.51034E-07	0	2919.35575	35.838466	8.418474147	50537.81367
Orange	2027	Airport Ground Support - Belt Loader	Aggregate	75 Diesel	3.80098E-05	4.59908E-05	5.47328E-05	0.000595561	0.000524618	0.107381666	1.1322E-05	1.04144E-05	1.01721E-06	0	3489.385885	2964.71009	5.39717995	54899.8895
Orange	2027	Airport Ground Support - Belt Loader	Aggregate	100 Diesel	3.03073E-06	3.66718E-06	4.36425E-06	4.47788E-05	4.24686E-05	0.00203065	2.18934E-06	2.01419E-06	2.08692E-07	0	71.5889778	6.67838191	0.093333	1415.151143
Orange	2027	Airport Ground Support - Belt Loader	Aggregate	175 Diesel	6.40854E-07	7.66245E-07	9.16745E-07	1.37647E-07	1.08623E-06	0.0014649E-07	1.08623E-06	1.08623E-06	1.08623E-06	0	37.2634701	22.4483016	0.093333	36.4430401
Orange	2027	Airport Ground Support - Bobtail	Aggregate	175 Diesel	2.05615E-06	2.48795E-06	2.96691E-06	2.27018E-05	0.00410065	1.2352E-06	1.1339E-06	3.88447E-08	0	133.2513441	52.4502067	0.117999	2641.521125	
Orange	2027	Airport Ground Support - Bobtail	Aggregate	50 Diesel	9.91015E-06	1.19913E-06	1.42706E-07	1.52009E-06	1.57341E-06	0.000204694	5.96295E-08	5.48592E-08	1.59303E-09	0	6.65157189	6.67838191	0.093333	11.6876437
Orange	2027	Airport Ground Support - Bobtail	Aggregate	600 Diesel	2.21394E-05	2.56995E-05	3.05847E-05	0.000170299	0.000128983	0.705991545	5.60915E-06	5.9886E-06	7.16046E-07	0	2456.360458	332.082858	0.506662	48693.3014
Orange	2027	Airport Ground Support - Cargo Loader	Aggregate	75 Diesel	1.59234E-06	1.97842E-06	2.33148E-06	1.64034E-06	1.71465E-07	0.000128983	1.26595E-06	1.26595E-06	2.51292E-06	0	1.7555961	70.6380979	0.1517333	151.7333
Orange	2027	Airport Ground Support - Cargo Loader	Aggregate	100 Diesel	1.70534E-05	2.06346E-05	2.45568E-05	0.000424245	0.000517303	0.077020107	1.1699E-05	1.0763E-05	7.29597E-07	0	2502.781808	138.249443	2.799972485	39278.78595
Orange	2027	Airport Ground Support - Cargo Loader	Aggregate	175 Diesel	0.000130602	0.000146435	0.000195929	0.000768345	0.029180913	3.6885E-05	3.37502E-05	3.37502E-05	3.37502E-05	0	17195.82069	7979.728028	10.04067838	34761.2236
Orange	2027	Airport Ground Support - Cargo Loader	Aggregate	300 Diesel	1.55175E-05	1.87781E-05	2.23452E-05	0.000161512	0.000330033	0.04043248	6.6699E-06	6.13621E-06	4.71111E-07	0	1430.848122	439.96662	0.748139633	29181.181
Orange	2027	Airport Ground Support - Cargo Loader	Aggregate	50 Diesel	4.97954E-06	6.00027184	7.10735E-06	5.92609E-06	5.92609E-06	0.000161512	1.76503E-06	1.76503E-06	2.02474E-06	0	99.76887422	31.2150882	0.1517333	151.7333
Orange	2027	Airport Ground Support - Cargo Loader	Aggregate	600 Diesel	2.0266E-05	2.46521E-05	2.91182E-05	0.000165183	0.000125509	0.820639	5.35224E-06	4.93646E-06	7.82401E-07	0	2684.223812	439.96662	4.87597833	53688.82949
Orange	2027	Airport Ground Support - Cargo Loader	Aggregate	75 Diesel	3.25479E-05	3.98292E-05	4.68889E-05	0.000499804	0.0004214	0.084286133	4.57458E-06	4.20861E-06	7.98426E-07	0	2738.892931	1922.658899	4.6923.54485	46923.54485
Orange	2027	Airport Ground Support - Cargo Tractor	Aggregate	100 Diesel	1.46177E-05	1.78755E-05	2.10496E-05	0.000419969	0.000414505	0.057433866	1.14954E-05	1.05757E-05	1.74589E-07	0	2451.30181	1295.34567	2.60203069	39767.39612
Orange	2027	Airport Ground Support - Cargo Tractor	Aggregate	175 Diesel	9.39463E-06	9.94623E-06	1.16599E-05	0.000149511	5.6239E-07	0.000149511	2.51324E-06	2.51324E-06	737.7070	0	737.7070	289.79239	0.302479329	302.479329
Orange	2027	Airport Ground Support - Cargo Tractor	Aggregate	300 Diesel	1.89333E-05	1.91579E-05	2.27995E-05	9.96299E-05	0.10021478	0.04174657	5.66522E-06	5.408E-06	3.56455E-07	0	1356.585156	358.425256	0.629328	26892.0227
Orange	2027	Airport Ground Support - Cargo Tractor	Aggregate	50 Diesel	1.34779E-06	3.80834E-05	4.53224E-05	0.000485353	0.000407037	0.075312227	7.76361E-07	7.14525E-06	3.80810033	0	2447.28394	308.510103	4.368.79515	4368.79515
Orange	2027	Airport Ground Support - Cargo Tractor	Aggregate	600 Diesel	4.32255E-06	4.14128E-06	4.92847E-06	2.30496E-05	3.85185E-05	0.012087925	1.13636E-06	1.04045E-06	1.14507E-07	0	382.7992392	49.2177851	0.078666	7786.694354
Orange	2027	Airport Ground Support - Forklift	Aggregate	175 Diesel	6.26897E-05	7.38097E-05	8.74697E-05	0.000902027	0.000902027	0.000902027	6.26897E-05	6.26897E-05	6.26897E-05	0	3979.5514	3964.434039	7.623832428	76238.32428
Orange	2027	Airport Ground Support - Forklift	Aggregate	100 Diesel	2.7731E-05	3.35545E-05	3.99327E-05	0.000421208	0.000285281	0.077314969	2.01236E-05	1.85137E-06	7.3239E-07	0	2512.36342	129.20155	4.366904041	432.120716
Orange	2027	Airport Ground Support - Forklift	Aggregate	175 Diesel	6.18712E-05	7.47522E-05	8.8949E-05	0.00102935	0.00047654	0.188075025	1.89772E-05	1.74548E-05	1.76011E-06	0	6037.831692	4793.59671	6.962797379	118861.5064
Orange	2027	Airport Ground Support - Forklift	Aggregate	300 Diesel	1.16011E-05	1.40373E-05	1.67056E-05	8.41342E-05	0.000105387	0.026308572	5.86672E-06	5.36997E-06	2.49216E-07	0	854.06164	37.1237252	0.70071685	165.8837918
Orange	2027	Airport Ground Support - Forklift	Aggregate	50 Diesel	5.19124E-06	6.28144E-06	7.47538E-06	5.51528E-06	1.4234E-05	0.008841842	1.50819E-06	1.87357E-06	8.37571E-08	0	287.3171935	45.0731038	0.984662833	3044.08045
Orange	2027	Airport Ground Support - Forklift	Aggregate	600 Diesel	1.59493E-06	6.28984E-06	7.48089E-06	5.51528E-06	4.72075E-06	0.070344E-06	1.38445E-07	1.747917E-05	14.41447E-04	0	474.917815	14.41447E-04	0.275828217	956.882817
Orange	2027	Airport Ground Support - Forklift	Aggregate	75 Diesel	1.92478E-05	2.32899E-05												

Orange	2027 Airport Ground Support - Passenger Stand	Aggregate	300 Diesel	6.49884E-07	7.86366E-07	9.35831E-07	8.13199E-06	1.506E-06	0.003768743	8.8385E-08	8.13144E-08	3.5692E-08	0	122.436714	24.7041234	0.039488229	2717.453574	
Orange	2027 Airport Ground Support - Passenger Stand	Aggregate	50 Diesel	4.26914E-06	5.15666E-06	6.14756E-06	4.90997E-05	3.97470E-05	0.007827526	1.18961E-06	1.09446E-06	7.41488E-08	0	254.3568236	238.075794	0.59076423	3694.883935	
Orange	2027 Airport Ground Support - Passenger Stand	Aggregate	75 Diesel	7.19715E-06	8.70855E-06	1.03639E-05	8.67763E-05	8.70462E-05	0.017464323	1.86415E-06	1.71502E-06	1.65436E-07	0	567.5062346	413.3248081	0.788043144	8928.181461	
Orange	2027 Commercial Harbor Craft - AE - Commercial Fishing	Aggregate	100 Diesel	3.36218E-05	4.06824E-05	4.84154E-05	0.000150643	0.000817799	0.127039997	2.8597E-05	2.73388E-05	0	0	427.283021	1880.580429	1.583450313	71653.02396	
Orange	2027 Commercial Harbor Craft - AE - Commercial Fishing	Aggregate	50 Diesel	5.04085E-05	6.09942E-05	7.25882E-05	0.000359469	0.001022603	0.016197255	3.67313E-05	3.51151E-05	0	0	5490.760101	5641.622487	4.750362039	87309.74737	
Orange	2027 Commercial Harbor Craft - AE - Commercial Fishing	Aggregate	75 Diesel	2.54488E-05	3.12722E-05	3.72165E-05	0.000125628	0.000589944	0.087021685	1.65931E-05	1.58613E-05	0	0	2984.61904	1880.540829	1.583450313	49420.61304	
Orange	2027 Commercial Harbor Craft - AE - Commercial Passenger Fishing	Aggregate	25 Diesel	0.000118122	0.000138175	0.000163515	0.000042556	0.000145764	0.001359875	0.00003595	0.00003595	0	0	6346.670211	1040.15599	6.703045697	92225.05744	
Orange	2027 Commercial Harbor Craft - AE - Commercial Passenger Fishing	Aggregate	50 Diesel	0.000714649	0.000864725	0.001029955	0.00035558	0.001707358	0.12704057	0.000445511	0.000428777	0	0	42849.41033	41952.60545	25.4761511	836683.7514	
Orange	2027 Commercial Harbor Craft - AE - Commercial Passenger Fishing	Aggregate	75 Diesel	0.000737841	0.001063412	0.001348145	0.000126082	0.000540924	0.000345753	0.000033059	0.000033059	0	0	45455.84432	28704.41241	17.42794603	803618.8601	
Orange	2027 Commercial Harbor Craft - AE - Crew/Supply	Aggregate	50 Diesel	0.000140559	0.000170113	0.000202449	0.000791225	0.002699786	0.000791225	9.16067E-05	8.75776E-05	0	0	14566.01991	15147.67032	7.21346004	233149.8494	
Orange	2027 Commercial Harbor Craft - AE - Excursion	Aggregate	175 Diesel	1.15458E-05	1.39704E-05	1.64041E-05	4.95245E-05	0.000515737	0.016811199	6.63459E-06	6.34067E-06	0	0	3905.01291	4544.42318	20.409765	69113.93108	
Orange	2027 Commercial Harbor Craft - AE - Excursion	Aggregate	25 Diesel	7.56461E-06	9.15318E-06	1.0835E-05	4.10995E-05	0.000146545	0.024187383	3.06381E-06	2.92001E-06	0	0	806.322947	1319.285716	5.10242598	11738.44991	
Orange	2027 Commercial Harbor Craft - AE - Excursion	Aggregate	300 Diesel	0.000279986	0.000338783	0.00040318	0.001787564	0.007180707	0.120911997	0.00011178	0.000106861	0	0	40623.34962	8109.439252	15.30727896	750900.9721	
Orange	2027 Commercial Harbor Craft - AE - Excursion	Aggregate	50 Diesel	0.000129738	0.000156982	0.000186822	0.000707184	0.002505926	0.389253237	8.51919E-05	8.14426E-05	0	0	13153.90777	15541.92381	25.51213203	205933.8845	
Orange	2027 Commercial Harbor Craft - AE - Excursion	Aggregate	600 Diesel	0.000146305	0.00018127	0.000218515	0.000845011	0.003052462	0.981320467	0.00015977	0.00015977	0	0	3377.157715	4143.330316	9.103246052	38175.83778	
Orange	2027 Commercial Harbor Craft - AE - Excursion	Aggregate	75 Diesel	0.000197779	0.000231913	0.000284862	0.001036337	0.004586968	0.007205918	0.000131385	0.000125604	0	0	22772.74263	18041.34735	28.06334521	402874.4147	
Orange	2027 Commercial Harbor Craft - AE - Ferry-Catamaran	Aggregate	175 Diesel	0.000714192	0.000210772	0.000250836	0.000460828	0.000741909	0.223847621	2.2995E-05	2.19833E-05	0	0	8780.262393	3541.712682	2	155282.8588	
Orange	2027 Commercial Harbor Craft - AE - Research Boat	Aggregate	50 Diesel	9.36486E-06	1.13315E-05	1.34845E-05	4.14244E-05	0.000122307	0.01551054	6.70588E-06	6.49873E-06	0	0	406.2184769	420.400354	0.40625	7181.623594	
Orange	2027 Commercial Harbor Craft - AE - Research Boat	Aggregate	75 Diesel	1.54585E-05	1.87904E-05	2.20341E-05	6.95245E-05	0.000515737	0.016811199	6.63459E-06	6.34067E-06	0	0	572.697543	20.4205154	20.409765	10217.93108	
Orange	2027 Commercial Harbor Craft - AE - Work Boat	Aggregate	50 Diesel	4.69638E-05	5.6822E-05	6.76229E-05	0.000257585	0.00097229	0.084150775	3.19208E-05	3.0522E-05	0	0	2965.215102	4392.811216	6.136504507	46678.01518	
Orange	2027 Commercial Harbor Craft - AE - Work Boat	Aggregate	800 Diesel	0.000204862	0.000252329	0.000300185	0.001661236	0.003527121	0.783055077	9.53713E-05	9.1175E-05	0	0	27033.41154	1596.406626	3.068023	498606.131	
Orange	2027 Commercial Harbor Craft - ME - Commercial Fishing	Aggregate	300 Diesel	0.00072642	0.000929726	0.001098204	0.002837013	0.009585701	0.921408631	0.000268748	0.000256923	0	0	31385.39973	9472.179872	9.50072407	57418.6945	
Orange	2027 Commercial Harbor Craft - ME - Commercial Fishing	Aggregate	600 Diesel	0.000778428	0.00131498	0.001943336	0.011025093	0.04168818	4.70541736	0.001014736	0.001001291	0	0	16027.47497	2846.54288	28.50217603	295390.627	
Orange	2027 Commercial Harbor Craft - ME - Commercial Fishing	Aggregate	800 Diesel	0.000101224	0.000122482	0.000145763	0.00043017	0.002675103	0.415451563	2.8485E-05	0	0	14086.20457	1578.696655	1.583450313	26011.3472		
Orange	2027 Commercial Harbor Craft - ME - Commercial Passenger Fishing	Aggregate	175 Diesel	4.27736E-05	5.17561E-05	6.1594E-05	0.000159424	0.000788281	0.091787023	1.53535E-05	1.4678E-05	0	0	3125.474661	1599.417513	1.34061008	55275.85895	
Orange	2027 Commercial Harbor Craft - ME - Commercial Passenger Fishing	Aggregate	300 Diesel	0.001093829	0.001323534	0.001575114	0.003912782	0.019212108	0.278968624	0.000149952	0.000143355	0	0	68877.61233	15994.17666	13.406113	1271345.023	
Orange	2027 Commercial Harbor Craft - ME - Commercial Passenger Fishing	Aggregate	600 Diesel	0.000488947	0.000591206	0.000703704	0.011717272	0.083616302	8.730201041	0.00120664	0.001358155	0	0	294521.7105	46383.11273	38.8772807	543695.862	
Orange	2027 Commercial Harbor Craft - ME - Commercial Passenger Fishing	Aggregate	800 Diesel	0.000216744	0.000278123	0.000339879	0.001098975	0.002404863	0.99812968	0.000089516	0.000089516	0	0	205879.9157	10791.423197	142.7948486	38078.16446	
Orange	2027 Commercial Harbor Craft - ME - Commercial Passenger Fishing	Aggregate	9999 Diesel	0.000361744	0.00058771	0.003409111	0.016326984	0.035547857	1.995219996	0.001003842	0.001005105	0	0	270460.5513	15994.17667	13.406113	5268808.066	
Orange	2027 Commercial Harbor Craft - ME - Crew/Supply	Aggregate	100 Diesel	2.91954E-05	3.53265E-05	4.20414E-05	0.000163873	0.000707204	0.116330251	1.75105E-05	1.674E-05	0	0	3962.476958	3455.521227	3.606673037	70078.17334	
Orange	2027 Commercial Harbor Craft - ME - Crew/Supply	Aggregate	800 Diesel	0.001415508	0.001712764	0.002038331	0.005753394	0.034170283	4.86412545	0.000490637	0.000490637	0	0	165683.7377	19597.09486	18.02020012	307147.25	
Orange	2027 Commercial Harbor Craft - ME - Excursion	Aggregate	100 Diesel	1.61773E-05	4.17387E-05	5.20925E-05	1.93773E-05	0.000098975	0.000098975	0.000098975	0.000098975	0	0	4379.671098	1.97931E-05	1.751050511	713.95665151	
Orange	2027 Commercial Harbor Craft - ME - Excursion	Aggregate	300 Diesel	0.000047045	0.000569602	0.000677873	0.001890451	0.012102853	1.202658109	0.000115456	0.000110376	0	0	57105.5715	15584.6071	22.96909184	105425.276	
Orange	2027 Commercial Harbor Craft - ME - Excursion	Aggregate	600 Diesel	0.00041028	0.00361964	0.004379081	0.01175141	0.072498913	9.976704767	0.000630759	0.000630759	0	0	333432.5152	51982.75669	81.63881133	1160367.861	
Orange	2027 Commercial Harbor Craft - ME - Excursion	Aggregate	800 Diesel	0.000046439	0.000711614	0.000870068	0.003219712	0.014700296	2.909066032	0.000271170	0.000259178	0	0	89892.01848	1074.172101	20.409765	181307.725	
Orange	2027 Commercial Harbor Craft - ME - Excursion	Aggregate	9999 Diesel	0.000163317	0.000217606	0.000268137	0.001177076	0.005911788	0.034170283	0.000033059	0.000033059	0	0	99159.34999	6490.26234	10.2048947	102849.787	
Orange	2027 Commercial Harbor Craft - ME - Ferry-Catamaran	Aggregate	9999 Diesel	0.001384	0.00164764	0.00199236	0.007411062	0.029082883	4.534624139	0.000334957	0.000330219	2	2	174893.977	474.229492	2	351564	
Orange	2027 Commercial Harbor Craft - ME - Ferry-Short Run	Aggregate	175 Diesel	0	0	0	0	0	0	0	0	0	0	0	80022.81839	3	340087.2813	
Orange	2027 Commercial Harbor Craft - ME - Research Boat	Aggregate	300 Diesel	5.72695E-05	6.93288E-05	8.2507E-05	0.000190051	0.000844261	0.089861764	1.64957E-05	1.57699E-05	0	0	3060.904413	777.4315796	0.8125	54969.84375	
Orange	2027 Commercial Harbor Craft - ME - Research Boat	Aggregate	175 Diesel	0.000178436	0.000217845	0.000262222	0.000149816	0.000705156	0.012019185	0.00003595	0.00003595	0	0	7754.333203	777.4315796	468.1321	651.125	
Orange	2027 Commercial Harbor Craft - ME - Work Boat	Aggregate	175 Diesel	0.00020142	0.000243147	0.000290044	0.000696343	0.003277693	0.313728085	6.05313E-05	5.78879E-05	0	0	11054.76994	3200.68629	6.136360041	19538.8	
Orange	2027 Commercial Harbor Craft - ME - Work Boat	Aggregate	600 Diesel	0.001418921	0.001716895	0.002043247	0.009552448	0.026682338	2.400291672	0.000452094	0.000432202	0	0	84578.91372	11762.06798	18.40813703	1560179.488	
Orange	2027 Commercial Harbor Craft - ME - Work Boat	Aggregate	800 Diesel	0.000255995	0.000399754	0.000586862	0.001433204	0.004044074	0.722770534	8.0888E-05	7.73908E-05	0	0	24952.21424	1960.34473	3.068023	40202.3125	
Orange	2027 Construction and Mining - Bore/Dill Rigs	Aggregate	100 Diesel	0.000100005	0.000131016	0.000159407	0.000170926	0.000170926	0.000170926	0.000170926	0.000170926	0	0	8122.721056	3474.5991926	6.274447446	6274.44746	
Orange	2027 Construction and Mining - Bore/Dill Rigs	Aggregate	100 Diesel	0.000612471	0.000741018	0.000881598	0.010418636	0.005022778	0.00022575	0.00021689	0.00021689	0	0	57443.74684	16383.25631	25.27034984	1164485.116	
Orange	2027 Construction and Mining - Bore/Dill Rigs	Aggregate	300 Diesel	0.000730662	0.000884665	0.001052586	0.004848502	0.0064469	2.11650419	0.000288259	0.000265198	2.00402E-05	0	0	68776.17291	12194.75913	19.727283	137356.747
Orange	2027 Construction and Mining - Bore/Dill Rigs	Aggregate	50 Diesel	7.94722E-05	9.61614E-05	0.00011444	0.000706332	0.000571238	0.08788864	2.73039E-05	2.51445E-05	7.93716E-05	0	0	7272.73748	2444.556519	5.16782862	48550.48421
Orange	2027 Construction and Mining - Bore/Dill Rigs	Aggregate	600 Diesel	0.001002116	0.00121256	0.001443047	0.008061495	0.038031685	3.038730308	0.000349059	0.000349059	2.87853E-05	0	0	98744.60159	8799.33651	16.98925263	198984.256
Orange	2027 Construction and Mining - Bore/Dill Rigs	Aggregate	75 Diesel	0.00013061	0.000160321	0.000191792	0.000313188	0.000419257	0.001298424	5.2267E-05	4.94571E-05	3.05462E-05	0	0	10475.71286	4341.14604	12.5846809	18784.31465
Orange	2027 Construction and Mining - Bore/Dill Rigs	Aggregate	750 Diesel	0.00035736	0.000442345	0.000514549	0.002452695	0.002948071	0.000133689	0.000119824	0.000119824	0	0	40792.28752	2505.78007	4.420496123	189744.8888	
Orange	2027 Construction and Mining - Bore/Dill Rigs	Aggregate	9999 Diesel	0.000117807	0.000142546	0.000169642	0.000178374	0.00191917	0.0432134	0.05344E-05	3.73091E-05	3.92025E-05</						

Orange	2027 Construction and Mining - Crushing/Processing Equipment	Aggregate	9999 Diesel	2.69405E-05	3.25988E-05	3.87943E-05	0.000203564	0.00048053	0.13528386	1.06516E-06	7.99951E-06	0	4396.07482	260.34114	0.505051928	87145.99506	
Orange	2027 Construction and Mining - Excavators	Aggregate	100 Diesel	0.00014698	0.000127784	0.000146165	0.000160894	0.000137569	0.13997761	0.0003813673	0.000748579	0.00013111E-05	0	103977.9816	53938.91591	102.7209541	1816543.719
Orange	2027 Construction and Mining - Excavators	Aggregate	175 Diesel	0.00072014	0.000691338	0.000826864	0.000679321	0.041233191	17.97771401	0.00174006	0.001632085	0.0001703	0	584190.9029	207776.9384	291.18914993	11571009.14
Orange	2027 Construction and Mining - Excavators	Aggregate	25 Diesel	5.69179E-07	6.88077E-07	9.18618E-07	1.84507E-06	1.47544E-06	0.00013318	1.26333E-07	1.16226E-07	1.26159E-09	0	4.327709667	25.38452706	0.063131491	17.16966163
Orange	2027 Construction and Mining - Excavators	Aggregate	300 Diesel	0.005597332	0.00077272	0.008060159	0.001032722	0.038486308	19.26182577	0.001604766	0.001509504	0.000182527	0	625001.9872	129250.771	217.4857327	12436646.83
Orange	2027 Construction and Mining - Excavators	Aggregate	50 Diesel	0.000329063	0.0004028166	0.0004793851	0.039204151	0.00121632	5.167404869	0.001031273	0.000498471	4.89498E-05	0	167915.7227	220719.845	47.7895313	9247254.556
Orange	2027 Construction and Mining - Excavators	Aggregate	600 Diesel	0.000759098	0.000597619	0.000828042	0.04499547	0.00015423	22.13346617	0.000154389	0.000124638	0.000209657	0	719198.3482	10034.5163	151.6700899	1431683.12
Orange	2027 Construction and Mining - Excavators	Aggregate	75 Diesel	0.000173620	0.000214039	0.000258051	0.024663178	0.0021792463	0.0040054541	0.000368602	3.86422E-05	0	132556.5988	100396.2532	195.1452166	2353930.372	
Orange	2027 Construction and Mining - Excavators	Aggregate	750 Diesel	0.000143862	0.000170733	0.000207613	0.000150821	0.0009144	6.62463463	4.53834E-05	4.00696E-05	5.91702E-06	0	20297.54166	1682.135243	3.161859161	428100.0462
Orange	2027 Construction and Mining - Excavators	Aggregate	9999 Diesel	0.000799409	0.000097285	0.001151149	0.0006078796	0.013604971	3.006434873	0.000037917	0.000282383	2.94267E-05	0	100944.3706	3656.493966	5.87542039	2058827.134
Orange	2027 Construction and Mining - Excavators	Aggregate	100 Diesel	0.000104745	3.15559E-06	3.75149E-06	2.36413E-05	0.00099131	0.14472897	7.79413E-05	1.7106E-05	1.40436E-06	0	4818.283651	2085.373453	7.168861489	72704.0619
Orange	2027 Construction and Mining - Graders	Aggregate	175 Diesel	0.000212356	0.000123705	0.001471292	0.01236738	0.001148074	2.20811933	0.000595881	0.000548027	2.09171E-05	0	71753.21323	21894.2895	66.19215663	1297398.96
Orange	2027 Construction and Mining - Graders	Aggregate	300 Diesel	0.00178008	0.000213086	0.002502847	0.014809774	0.01439914	7.027435529	0.00061447	0.000565313	6.65695E-05	0	22857.3746	48117.32274	132.8094816	4474040.398
Orange	2027 Construction and Mining - Graders	Aggregate	50 Diesel	2.28785E-05	2.76833E-05	3.29451E-05	0.000134069	0.00012387	0.017166272	7.23238E-06	6.65461E-06	1.62613E-07	0	557.820101	615.4622608	2.33950156	9140.066111
Orange	2027 Construction and Mining - Graders	Aggregate	600 Diesel	0.00031338	0.000031907	0.000537607	0.000103732	0.000190912	0.000101854	0.000101854	0.52685E-06	1.52685E-06	0	54790.78081	7398.4099521	18.31407868	151.71009.14
Orange	2027 Construction and Mining - Graders	Aggregate	75 Diesel	4.60775E-05	5.57537E-05	6.63515E-05	0.000358787	0.000504363	0.000518947	3.00144E-05	7.6129E-05	0	2014.187302	110.279801	4.480658689	27783.09932	
Orange	2027 Construction and Mining - Graders	Aggregate	750 Diesel	1.19282E-05	1.44331E-05	1.71766E-05	0.00011972	6.92636E-05	0.068185595	4.19287E-06	3.87544E-06	6.04854E-07	0	2074.868704	142.1153278	0.378789846	4111.316383
Orange	2027 Construction and Mining - Graders	Aggregate	9999 Diesel	1.09092E-05	1.13192E-05	1.57002E-05	8.31797E-05	0.000199411	0.045520508	4.02495E-06	3.70296E-06	4.31208E-07	0	1479.191895	95.23257272	0.252529664	29923.05054
Orange	2027 Construction and Mining - Hopper Tractor Trailer	Aggregate	300 Diesel	2.67092E-06	3.15559E-06	3.75149E-06	2.36413E-05	0.00099131	0.14472897	7.79413E-05	1.7106E-05	1.40436E-06	0	37.9994401	87.0516402	17.0689402	794.191008
Orange	2027 Construction and Mining - Hopper Tractor Trailer	Aggregate	600 Diesel	2.66996E-06	3.21977E-06	3.83179E-06	1.98764E-05	1.4149E-05	0.010057253	6.88895E-07	6.34703E-07	9.52704E-08	0	326.821915	54.203072	0.12622682	6478.556362
Orange	2027 Construction and Mining - Misc - Asphalt Pavers	Aggregate	100 Gasoline	0.000114991	0.000104941	0.000125551	0.0006602532	0.000290651	0.164030411	1.14366E-06	1.58476E-06	3.20281E-06	0	6624.75	1741.05	4.45	106204.05
Orange	2027 Construction and Mining - Misc - Asphalt Pavers	Aggregate	15 Gasoline	0.000525634	0.00053809	0.000078428	0.000173623	0.000383768	6.9678E-07	0.000225756	0.000170572	2.76778E-07	0	1084.520545	0	0	9.81723419
Orange	2027 Construction and Mining - Misc - Asphalt Pavers	Aggregate	25 Gasoline	0.002120774	0.002143982	0.00255387	0.076937426	0.001483516	2.91322E-06	0.00094918	0.000711382	1.22325E-06	0	4811.489838	0	0	16.79214263
Orange	2027 Construction and Mining - Misc - Asphalt Pavers	Aggregate	50 Gasoline	0.000126043	0.000239528	0.000286568	0.00212541	0.000326429	1.55843744	1.00221E-05	8.25244E-06	1.59525E-06	0	7398.55	3182.8	10	101849.6
Orange	2027 Construction and Mining - Misc - Bore/Drill Rigs	Aggregate	100 Gasoline	0.000112392	0.000013378	0.00012368	0.004503141	0.000330008	0.200223409	1.39601E-05	1.05476E-05	1.93444E-06	0	7854.45	1237.35	11.49	108886.8
Orange	2027 Construction and Mining - Misc - Bore/Drill Rigs	Aggregate	15 Gasoline	6.69412E-05	6.71606E-05	7.36646E-05	0.000236198	4.88858E-05	9.63084E-07	0.000031204	2.57644E-05	3.81076E-08	0	526028E-08	149.1581471	0	3.258230042
Orange	2027 Construction and Mining - Misc - Bore/Drill Rigs	Aggregate	15 Diesel	0.000023262	3.91649E-05	4.68803E-05	0.000205436	0.000242626	0.000407176	8.62548E-06	6.51703E-06	4.66229E-07	0	384386E-09	15.2923564	0	2.932597814
Orange	2027 Construction and Mining - Misc - Bore/Drill Rigs	Aggregate	175 Diesel	0.00031248	0.000027819	0.000037819	0.000037819	0.000037819	0.000037819	0.000037819	0.000037819	0.000037819	0	6.85581E-07	2.61656E-06	295.165	37251.1
Orange	2027 Construction and Mining - Misc - Bore/Drill Rigs	Aggregate	25 Gasoline	0.000393252	0.000645644	0.000703456	0.02909799	0.000408868	6.87506E-07	0.00021072	0.000212366	3.63014E-07	0	1425.98117	0	0	16.3054843
Orange	2027 Construction and Mining - Misc - Bore/Drill Rigs	Aggregate	25 Diesel	0.000195952	0.000240017	0.000286859	0.000819212	0.001516718	0.002192637	5.10054E-05	3.85374E-05	2.08096E-06	0	179256E-08	71.3140936	0	11.22091056
Orange	2027 Construction and Mining - Misc - Bore/Drill Rigs	Aggregate	50 Gasoline	2.04898E-05	1.88465E-05	2.25478E-05	0.00133667	3.41101E-05	0.01039474	1.10755E-06	3.85433E-07	2.42949E-07	0	693.5	281.05	2.51	8993.6
Orange	2027 Construction and Mining - Misc - Cement And Mortar Mixers	Aggregate	15 Gasoline	0.000175088	0.000017819	0.000017819	0.000017819	0.000017819	0.000017819	0.000017819	0.000017819	0.000017819	0	1.31417E-05	1.89671E-05	53211.6467	2603.877108
Orange	2027 Construction and Mining - Misc - Cement And Mortar Mixers	Aggregate	15 Diesel	0.00023756	0.000269129	0.000231652	0.00141694	0.001485392	0.0002309	5.92716E-05	0.000044738	3.06635E-06	0	264138E-08	105.097593	0	89.17396643
Orange	2027 Construction and Mining - Misc - Cement And Mortar Mixers	Aggregate	25 Gasoline	0.00016482	0.000368126	0.00040109	0.01176097	0.000232718	4.45284E-07	0.000144272	0.000109005	1.87805E-07	0	2.5204E-07	736.768789	0	10.875153
Orange	2027 Construction and Mining - Misc - Cement And Mortar Mixers	Aggregate	25 Diesel	5.74493E-06	6.59048E-05	8.25794E-05	0.000233618	0.000437086	0.000630367	1.49176E-05	1.12711E-05	5.98741E-09	0	1.55761E-09	20.2022642	0	7.94552809
Orange	2027 Construction and Mining - Misc - Concrete/Industrial Saws	Aggregate	15 Gasoline	0.00016682	0.00016682	0.00016682	0.00016682	0.00016682	0.00016682	0.00016682	0.00016682	0.00016682	0	5.43224E-06	5.43224E-06	20845.7426	15.36762682
Orange	2027 Construction and Mining - Misc - Concrete/Industrial Saws	Aggregate	100 Gasoline	0.00016682	0.00015359	0.000183754	0.000917326	0.00041405	3.93138149	2.74245E-05	3.8002E-06	1.35092E-06	0	15388.4	3266.75	5.35	215605.5
Orange	2027 Construction and Mining - Misc - Concrete/Industrial Saws	Aggregate	15 Gasoline	0.011920728	0.011920728	0.011920728	0.011920728	0.011920728	0.011920728	0.000054624	0.000054624	0.000054624	0	9.87436E-06	1.36303E-05	38739.26866	0
Orange	2027 Construction and Mining - Misc - Concrete/Industrial Saws	Aggregate	25 Gasoline	0.011920332	0.012039536	0.0131176	0.3879773284	0.007619638	1.46911E-05	0.004759906	0.000598376	1.67546E-06	0	852442E-06	24281.24102	0	118.4477663
Orange	2027 Construction and Mining - Misc - Concrete/Industrial Saws	Aggregate	25 Diesel	4.120237611	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0	14.02037651	0	0	3.93449833
Orange	2027 Construction and Mining - Misc - Concrete/Industrial Saws	Aggregate	50 Gasoline	0.0001071942	0.0001071942	0.000111934	0.0029554845	0.00045056	1.03232E-06	1.30073E-05	9.82772E-06	4.44348E-07	0	1.61366E-07	1712.232951	0	84.35215352
Orange	2027 Construction and Mining - Misc - Concrete/Industrial Saws	Aggregate	100 Gasoline	0.000406321	0.000373734	0.000447131	0.00075502	0.000646849	3.68055156	2.53734E-05	1.9171E-05	4.47488E-06	0	5.52518E-06	15771.65	5701.3	199545.5
Orange	2027 Construction and Mining - Misc - Concrete/Industrial Saws	Aggregate	50 Diesel	8.37157E-05	9.92686E-05	0.000120551	0.00019561	0.000875481	0.10750593	1.80699E-05	1.66207E-05	1.89533E-06	0	1.23318E-06	4901.95	3555.1	6.11
Orange	2027 Construction and Mining - Misc - Cranes	Aggregate	100 Gasoline	0.000175088	0.000017819	0.000017819	0.000017819	0.000017819	0.000017819	0.000017819	0.000017819	0.000017819	0	1.31417E-05	1.89671E-05	7803.5	236.7
Orange	2027 Construction and Mining - Misc - Cranes	Aggregate	15 Diesel	8.35931E-06	8.35931E-06	1.02996E-05	0.000450676	3.10298E-05	0.01263734	9.06063E-07	1.85533E-07	1.77737E-07	0	10759.57	50.375	87.6	0.16
Orange	2027 Construction and Mining - Misc - Cranes	Aggregate	50 Gasoline	9.59644E-05	8.82681E-05	0.00010505	0.00780377	0.000130989	0.048628883	3.35243E-06	2.53295E-06	5.91239E-07	0	8.09405E-05	2310.45	1178.95	43621.15
Orange	2027 Construction and Mining - Misc - Crushing/Proc. Equipment	Aggregate	15 Gasoline	9.86812E-05	0.000099668	0.000108593	0.003410904	7.20576E-05	4.44176E-05	0.00003356	5.42311E-07	7.48588E-08	0	212.762908	0	0	2.055087054
Orange	2027 Construction and Mining - Misc - Crushing/Proc. Equipment	Aggregate	25 Gasoline	0.000120982	0.000121292	0.00013133	0.0024505096	7.73422E-05	1.59231E-05	5.15908E-05	8.89798E-06	6.6672E-07	0	9.03023E-08	262.214178	0	1.342670312
Orange	2027 Construction and Mining - Misc - Dumpers/Tenders	Aggregate	100 Gasoline	0.000312248	8.87888E-05	1.05975E-05	0.00039064	2.78812E-05	1.4944E-06	6.68446E-07	1.59074E-07	2.7605E-07	0	1.004485E-08	2.7605E-07	276.1	17826.1
Orange	2027 Construction and Mining - Misc - Dumpers/Tenders	Aggregate	15 Gasoline	0.000429696	0.002517624	0.00274366	0.068018278	0.00181916	2.774E-06	0.000898774	0.000679074	1.55232E-06	0	64.2911078	0	0	16.71235773
Orange																	

Orange	2027	Construction and Mining - Misc - Trenchers	Aggregate	100	Gasoline	0.000633586	0.000582772	0.00097222	0.03185616	0.704678144	4.913188-05	3.712188-05	6.808178E-06	1.00351E-05	28605.2	6009.45	17.16	456023.7	
Orange	2027	Construction and Mining - Misc - Trenchers	Aggregate	15	Gasoline	0.008836308	0.00082467	0.000723188	0.12650931	0.454661504	1.14586E-05	0.003712598	0.002805074	4.52426E-06	6.28656E-06	17860.7	0	132.7599924	
Orange	2027	Construction and Mining - Misc - Trenchers	Aggregate	15	Diesel	0.000752733	0.00315404	0.000395651	0.001736467	0.00207311	0.003974198	7.29076E-05	5.50857E-05	3.77179E-06	3.24950E-08	129.2672421	0	39.7578087	
Orange	2027	Construction and Mining - Misc - Trenchers	Aggregate	2	Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0.14681864	
Orange	2027	Construction and Mining - Misc - Trenchers	Aggregate	25	Gasoline	0.015190106	0.0015342006	0.016751784	0.49252961	0.00709966	1.86502E-05	0.00604267	0.004655574	7.84252E-06	1.08256E-05	30845.03592	0	102.7565823	
Orange	2027	Construction and Mining - Misc - Trenchers	Aggregate	25	Diesel	0.000949432	0.001155222	0.001356774	0.003874679	0.00713732	0.010370655	0.00024143	0.00018273	9.84247E-08	8.47839E-08	337.329232	0	33.8284949	
Orange	2027	Construction and Mining - Misc - Trenchers	Aggregate	5	Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0.14681864	
Orange	2027	Construction and Mining - Misc - Trenchers	Aggregate	50	Gasoline	0.00189744	0.001745266	0.002088017	0.153446271	0.00260582	0.72938E-05	0.004824E-05	1.1808E-05	1.62367E-05	43634.7	20841.5	51.83	632545	
Orange	2027	Construction and Mining - Nurse Rj Tractor	Aggregate	175	Diesel	7.01693E-07	4.89048E-07	1.01044E-06	1.15888E-05	0.002008817	5.0357E-07	4.63284E-07	1.89534E-08	0	65.01698682	35.8019247	0.063131491	1288.886849	
Orange	2027	Construction and Mining - Off-Highway Tractors	Aggregate	100	Diesel	0.000345473	0.000418022	0.00049748	0.0004539927	0.003257028	0.732667E-08	0.00024056	0.000224532	6.94024E-06	0.238081733	11458.85817	18.1206662	427007.3464	
Orange	2027	Construction and Mining - Off-Highway Tractors	Aggregate	175	Diesel	0.001307846	0.001582404	0.001883298	0.024613699	0.008145525	2.956234616	0.00037571	0.000348025	3.74769E-05	1.22555	444	40447.21168	49.0216057	
Orange	2027	Construction and Mining - Off-Highway Tractors	Aggregate	300	Diesel	0.000604314	0.00073122	0.000870213	0.004120652	0.004273795	1.77798E-05	0.000198989	0.00018307	1.68341E-05	0	57471.11298	12400.83028	15.66439739	
Orange	2027	Construction and Mining - Off-Highway Tractors	Aggregate	300	Diesel	0.000924137	0.00118205	0.001330757	0.007432663	0.008508733	0.00027942	0.000256903	0.00027942	0.000256903	8.41667E-06	28772.24626	2100.15837	50.7674953	
Orange	2027	Construction and Mining - Off-Highway Tractors	Aggregate	600	Diesel	0.001393433	0.001686054	0.00200643	0.00994304	0.00686821	4.686250929	0.000312951	0.00030315	4.43919E-06	0.152280345	18647.58581	20.3471107	3084996.758	
Orange	2027	Construction and Mining - Off-Highway Tractors	Aggregate	750	Diesel	0.00026697	0.000325283	0.000467945	0.000467945	0.004848831	0.007259873	0.000176882	0.000176882	7.34076E-06	25110.07021	27.41307825	7.712410621	42164.0804	
Orange	2027	Construction and Mining - Off-Highway Tractors	Aggregate	750	Diesel	0.000115346	0.000166098	0.000268165	0.000613708	0.000613708	3.51154E-05	0.23962E-05	0.338571E-06	0.123003609	968.5857346	13.2605188	24324.2634	13624.2634	
Orange	2027	Construction and Mining - Off-Highway Tractors	Aggregate	9999	Diesel	9.26378E-05	0.000112092	0.000133398	0.000691494	0.00140023	0.341574986	3.2128E-05	2.9558E-05	3.23567E-06	0.110953876	346.6709232	0.443128757	24063.977	
Orange	2027	Construction and Mining - Off-Highway Trucks	Aggregate	100	Diesel	8.76611E-06	1.0607E-05	1.26321E-05	0.000211607	7.49844E-05	0.002088844	5.542E-06	4.82244E-06	1.90296E-07	0.652783978	358.1973602	0.568183419	11640.13129	
Orange	2027	Construction and Mining - Off-Highway Trucks	Aggregate	175	Diesel	0.000638251	0.00043004	0.000564617	0.002746024	0.009146249	0.000314549	0.000146249	0.000146249	3.75059E-06	0.344810469	11095.51476	12.24061473	60211.4067	
Orange	2027	Construction and Mining - Off-Highway Trucks	Aggregate	300	Diesel	0.000884903	0.001070732	0.00127426	0.005953969	0.006977463	2.379739299	0.00035048	0.000322441	2.27138E-05	0	77916.67259	17928.28085	24.32014039	
Orange	2027	Construction and Mining - Off-Highway Trucks	Aggregate	50	Diesel	3.17554E-05	3.8424E-05	4.52777E-05	0.000309658	0.000259444	0.108088E-05	9.94411E-06	3.56704E-06	1.282837532	2042.196219	21819.107	3.282837532	21819.107	
Orange	2027	Construction and Mining - Off-Highway Trucks	Aggregate	600	Diesel	0.004904073	0.005978214	0.007114569	0.03170881	0.024828121	17.53651337	0.00114986	0.001057877	0.000166117	0.569804284	69230.34098	81.42727057	11414970.65	
Orange	2027	Construction and Mining - Off-Highway Trucks	Aggregate	75	Diesel	2.37143E-05	2.86943E-05	3.41486E-05	0.000270047	0.000251885	0.048694939	8.12074E-06	4.74708E-06	4.34512E-07	1.4903508	891.051446	1.641769751	23003.65108	
Orange	2027	Construction and Mining - Off-Highway Trucks	Aggregate	750	Diesel	0.000941518	0.000711031	0.000869897	0.004468095	0.005400572	2.180387774	0.000210146	0.000193134	2.06568E-05	0.7086012741	6185.634938	10.8356032	1637094.55	
Orange	2027	Construction and Mining - Off-Highway Trucks	Aggregate	9999	Diesel	0.00234481	0.002703722	0.00321672	0.015740643	0.035816936	8.272487138	0.00073682	0.000732682	7.83624E-05	0.268114148	12326.75683	18.90637569	157055.577	
Orange	2027	Construction and Mining - Other Construction Equipment	Aggregate	100	Diesel	0.00026513	0.00032611	0.000388099	0.000446463	0.00274525	0.715416919	0.000201925	0.000185771	6.77701E-06	0.2324759759	10689.81618	32.7836886	38440.5186	
Orange	2027	Construction and Mining - Other Construction Equipment	Aggregate	175	Diesel	0.000692051	0.00038108	0.000997818	0.01281334	0.006122614	2.52250574	0.00028069	0.000258239	1.23735E-05	0.7135539915	27017.73985	57.7372119	1416791.503	
Orange	2027	Construction and Mining - Other Construction Equipment	Aggregate	300	Diesel	0.00026511	0.00034956	0.00046911	0.000721257	0.00460003	1.214102123	0.000140112	0.000140112	6.02487E-06	69248.71236	13827.5919	35.9050602	125435.972	
Orange	2027	Construction and Mining - Other Construction Equipment	Aggregate	50	Diesel	0.000407218	0.000492734	0.000586394	0.003748173	0.003268841	0.051409735	0.000136495	0.000136495	5.03394E-06	0.17628	20204	1927.3514	29172.6004	
Orange	2027	Construction and Mining - Other Construction Equipment	Aggregate	600	Diesel	0.001641517	0.001986235	0.00236384	0.015211011	0.01212171	6.704263717	0.000553602	0.000508817	6.35117E-05	0.217688094	25742.0957	0.617992602	438417.948	
Orange	2027	Construction and Mining - Other Construction Equipment	Aggregate	75	Diesel	0.000388987	0.000417074	0.000526014	0.000290922	0.005212626	0.915233711	0.000158703	0.000148016	8.66989E-06	0.29740	77661	18177.94879	55.8248895	
Orange	2027	Construction and Mining - Other Construction Equipment	Aggregate	750	Diesel	0.00026511	0.00034956	0.00046911	0.000721257	0.00460003	1.214102123	0.000140112	0.000140112	6.02487E-06	69248.71236	13827.5919	35.9050602	125435.972	
Orange	2027	Construction and Mining - Other Construction Equipment	Aggregate	9999	Diesel	0.0002836	0.000348916	0.000415239	0.002172287	0.005737395	1.398488135	0.000123219	0.000113362	1.31624E-05	0.451516621	3674.36153	4.92750443	918147.5932	
Orange	2027	Construction and Mining - Other Material Handling Equipment	Aggregate	100	Diesel	8.95611E-05	0.000119368	0.000142058	0.001331402	0.000964931	0.226905315	7.21593E-05	6.63865E-05	2.14943E-06	0.7373	327793	3608.68743	9219424.81	
Orange	2027	Construction and Mining - Other Material Handling Equipment	Aggregate	175	Diesel	0.000303336	0.000304957	0.000439884	0.00542336	0.002684791	0.93203851	0.000125909	0.000115836	8.83155E-06	0.30295	44129	11482.9742	22.61682258	
Orange	2027	Construction and Mining - Other Material Handling Equipment	Aggregate	175	Diesel	0.00026511	0.00034956	0.00046911	0.000721257	0.00460003	1.214102123	0.000140112	0.000140112	6.02487E-06	69248.71236	13827.5919	35.9050602	125435.972	
Orange	2027	Construction and Mining - Other Material Handling Equipment	Aggregate	50	Diesel	6.83656E-05	8.27234E-05	9.84477E-05	0.000714859	0.000613776	0.041001281	2.28886E-05	2.1057E-05	9.88973E-06	0.392	537852	4588.48475	11.7451401	
Orange	2027	Construction and Mining - Other Material Handling Equipment	Aggregate	600	Diesel	0.000420158	0.000508391	0.000605028	0.003554	0.002754544	1.683907055	0.000123188	0.000113333	1.59513E-05	0.54718	85355	6687.370196	13.5128959	
Orange	2027	Construction and Mining - Other Material Handling Equipment	Aggregate	75	Diesel	0.00053175	6.92746E-05	8.24425E-05	0.000744595	0.00074893	0.175278477	2.33035E-05	2.14392E-05	1.19111E-06	0.5945	210435	490.237052	7.38710031	
Orange	2027	Construction and Mining - Other Material Handling Equipment	Aggregate	750	Diesel	7.16382E-05	8.52293E-05	0.000109618	0.000109618	0.0002386E-05	0.0002386E-05	0.0002386E-05	0.0002386E-05	0.0002386E-05	0.0002386E-05	0.0002386E-05	0.0002386E-05	0.0002386E-05	0.0002386E-05
Orange	2027	Construction and Mining - Other Material Handling Equipment	Aggregate	9999	Diesel	0.000138923	0.000168059	0.000200005	0.001188611	0.002594082	0.618524242	5.8439E-05	5.37639E-05	5.85916E-06	0.20099	60316	1028.43767	2.0960285	
Orange	2027	Construction and Mining - Pavers	Aggregate	100	Diesel	0.000183578	0.000221219	0.000264352	0.000599517	0.001845234	0.451078196	0.000132445	0.00012185	4.27298E-06	0.14657	86468	7300.5261	16.73283608	
Orange	2027	Construction and Mining - Pavers	Aggregate	175	Diesel	0.000483765	0.000583536	0.000696622	0.00887444	0.00388793	1.493938128	0.000174551	0.000157735	1.41897E-05	0.48675	93273	16375.0403	28.61745338	
Orange	2027	Construction and Mining - Pavers	Aggregate	300	Diesel	0.00026511	0.00034956	0.00046911	0.000721257	0.00460003	1.214102123	0.000140112	0.000140112	6.02487E-06	69248.71236	13827.5919	35.9050602	125435.972	
Orange	2027	Construction and Mining - Pavers	Aggregate	50	Diesel	9.78359E-05	0.000113831	0.000140054	0.000675341	0.000553281	0.085517964	0.28569E-05	6.82848E-05	0.10095E-07	0.2778	121168	3002.51608	4663.390419	
Orange	2027	Construction and Mining - Pavers	Aggregate	600	Diesel	7.66683E-05	9.27904E-05	0.000110428	0.000625637	0.000435125	0.318996563	1.96671E-05	1.80937E-05	3.02179E-06	0.10365	84896	1319.55984	2.2453406	
Orange	2027	Construction and Mining - Pavers	Aggregate	75	Diesel	0.000224872	0.000272095	0.00032816	0.004847286	0.002635617	0.415686848	9.79196E-05	0.00061E-05	0.34678E-06	0.13536	4709	5743.57464	21.7825822	
Orange	2027	Construction and Mining - Pavers	Aggregate	750	Diesel	2.48788E-06	3.01033E-06	3.58255E-06	5.5184E-06	8.6027E-06	0.013090712	6.44728E-07	1.24006E-07	0	425.384971	31.8946657	0.063131491	8421.66054	
Orange	2027	Construction and Mining - Paving Equipment	Aggregate	175	Diesel	8.95611E-05	0.000119368	0.000142058	0.001331402	0.000964931	0.226905315	7.21593E-05	6.63865E-05	2.14943E-06	0.7373	327793	3608.68743	9219424.81	
Orange	2027	Construction and Mining - Paving Equipment	Aggregate	100	Diesel	8.98018E-05	0.00010866	0.000129151	0.001470718	0.00089389	0.260869175	5.94381E-05	5.94381E-05	2.47116E-06					

Orange	2027 Construction and Mining - Spray Truck	Aggregate	175 Diesel	1.55524E-05	1.82006E-05	2.2398E-05	0.0002081809	0.000143487	0.004269886	5.95174E-06	5.4756E-06	4.1396E-07	0	1438	557661	489.980454	0.820709383	28517.38932
Orange	2027 Construction and Mining - Spray Truck	Aggregate	300 Diesel	1.74655E-05	2.13511E-05	2.54095E-05	0.00010332	0.00013905	0.041624185	7.99197E-06	7.35261E-06	3.94298E-07	0	0	1352.585164	281.828564	0.442095929	26685.59873
Orange	2027 Construction and Mining - Spray Truck	Aggregate	50 Diesel	2.20474E-05	2.66774E-05	3.17483E-05	0.00032278	0.00023489	0.031665546	9.88365E-06	8.90044E-06	2.99014E-07	0	1025	75.7291	1414.262317	2.904048486	18290.28884
Orange	2027 Construction and Mining - Spray Truck	Aggregate	600 Diesel	5.05275E-05	6.11382E-05	7.2795E-05	0.000403726	0.00024671	0.1695683	1.2599E-05	1.1591E-05	1.60629E-06	0	5510	152477	695.956408	1.010103856	109231.0496
Orange	2027 Construction and Mining - Spray Truck	Aggregate	75 Diesel	1.11371E-06	1.10276E-05	1.31237E-05	0.000118218	0.000112887	0.019304894	3.10296E-06	2.85472E-06	1.82872E-07	0	627	315086	462.109283	0.883840874	11185.99684
Orange	2027 Construction and Mining - Spreader Tractor Trailer	Aggregate	50 Diesel	1.25505E-06	1.51861E-06	1.80772E-06	1.43644E-05	0.001830279	3.20354E-07	2.94726E-07	1.73379E-08	0	59	47522075	110.594173	0.252529504	1060.513652	
Orange	2027 Construction and Mining - Spreader Tractor Trailer	Aggregate	600 Diesel	1.02943E-05	1.24561E-05	1.48238E-05	0.00013894	0.00085441	0.038178894	1.26025E-05	1.16393E-05	3.66012E-07	0	1251	554857	201.688646	0.378788946	24849.61521
Orange	2027 Construction and Mining - Spreader Truck	Aggregate	100 Diesel	9.00798E-06	1.08975E-06	1.29715E-05	0.000134041	0.000232656	7.67354E-06	7.05965E-06	0.21466E-07	0	725	411087	31.944833	0.820709383	12935.18312	
Orange	2027 Construction and Mining - Spreader Truck	Aggregate	175 Diesel	1.75935E-06	8.66281E-06	1.03095E-05	0.00016823	3.10547E-05	0.026731164	1.72555E-06	1.58751E-06	2.53219E-04	0	868	633892	324.446324	0.378788946	17219.48348
Orange	2027 Construction and Mining - Spreader Truck	Aggregate	300 Diesel	5.88167E-06	7.11682E-06	8.4669E-06	3.8401E-05	0.047804E-05	0.018779524	1.60813E-06	1.47498E-06	1.77895E-07	0	610	2432098	123.302785	0.189394473	12097.23017
Orange	2027 Construction and Mining - Spreader Truck	Aggregate	50 Diesel	4.29532E-07	4.9009E-07	5.83962E-07	4.67514E-06	3.29055E-06	0.000328667	1.26268E-07	1.10367E-07	5.00795E-08	0	17	1791313	22.2423254	0.065134491	306.3297388
Orange	2027 Construction and Mining - Spreader Truck	Aggregate	600 Diesel	5.1538E-05	6.24154E-05	7.42795E-05	0.000457383	0.000331089	0.176385762	1.66163E-05	1.5287E-05	1.66881E-06	0	5796	676448	748.2302478	1.26262982	114910.9857
Orange	2027 Construction and Mining - Spreader Truck	Aggregate	75 Diesel	1.02466E-06	1.23983E-06	1.4755E-06	1.7978E-07	0.003129173	4.5679E-07	4.20247E-07	4.64794E-08	0	101	683025	47.9498568	0.12626982	1811.163137	
Orange	2027 Construction and Mining - Surfacing Equipment	Aggregate	100 Diesel	1.70214E-05	2.05959E-05	2.45108E-05	0.00020425	0.00016518	0.053740215	1.24197E-05	1.14262E-05	5.00071E-07	0	1746	29749	393.008898	1.961155044	1764.765551
Orange	2027 Construction and Mining - Surfacing Equipment	Aggregate	175 Diesel	6.77403E-05	8.19732E-05	9.75454E-05	0.00030818	0.00085441	0.031784015	2.78025E-05	2.51743E-05	1.73661E-07	0	610	588349	3050.254784	1.73661E-07	21481.4662
Orange	2027 Construction and Mining - Surfacing Equipment	Aggregate	300 Diesel	7.03881E-05	8.51666E-05	0.000101359	0.000519271	0.000580918	0.02313581	2.61956E-05	2.41E-05	2.1336E-06	0	7250	667147	1978.933056	3.604064915	141483.415
Orange	2027 Construction and Mining - Surfacing Equipment	Aggregate	50 Diesel	2.25928E-05	2.73372E-05	3.25136E-05	0.000170964	0.000137503	0.0226561084	6.77012E-06	6.22851E-06	2.13717E-07	0	733	1262567	104.942897	0.21429307	12114.1828
Orange	2027 Construction and Mining - Surfacing Equipment	Aggregate	600 Diesel	0.000373718	0.000408638	0.000486113	0.002709748	0.001913141	0.026079748	9.16506E-05	8.43185E-05	1.19699E-05	0	41061	13051	6688.447651	10.79955706	820063.1852
Orange	2027 Construction and Mining - Surfacing Equipment	Aggregate	75 Diesel	2.36073E-05	2.8609E-05	3.4088E-05	0.00025447	0.000210473	0.038740845	6.47004E-06	5.9591E-06	3.66985E-07	0	1258	890512	1051.51913	0.21429307	12114.1828
Orange	2027 Construction and Mining - Surfacing Equipment	Aggregate	9999 Diesel	0.000123486	0.000155259	0.000184819	0.001026522	0.000863167	0.534655555	4.28742E-05	3.94442E-05	5.06409E-06	0	17373	72555	1812.358036	3.20023231	345344.7642
Orange	2027 Construction and Mining - Surfacing Equipment	Aggregate	75 Diesel	5.65243E-05	6.83943E-05	8.13949E-05	0.000485225	0.00977325	0.23588835	2.11751E-05	1.94811E-05	2.23462E-06	0	7665	558027	360.542541	1.267576554	172013.2947
Orange	2027 Construction and Mining - Tank Truck	Aggregate	100 Diesel	1.30324E-06	1.57692E-06	1.87666E-06	3.47339E-05	1.29739E-05	0.005434133	1.13213E-06	1.04156E-06	5.14765E-08	0	176	58391	98.6449886	0.12626982	3148.745108
Orange	2027 Construction and Mining - Tank Truck	Aggregate	175 Diesel	3.61317E-06	4.17193E-06	5.20296E-06	4.71139E-05	3.96037E-05	0.007760478	1.98271E-06	1.82823E-06	7.51535E-08	0	252	1780768	97.89770144	0.315657455	4999.076909
Orange	2027 Construction and Mining - Tank Truck	Aggregate	300 Diesel	0.000115384	0.000144405	0.000172913	0.000806544	0.000169831	0.379771164	2.65624E-05	2.71574E-05	3.58803E-06	0	1208	23507	1978.933056	3.97728933	243931.5085
Orange	2027 Construction and Mining - Tank Truck	Aggregate	600 Diesel	4.64831E-05	5.62454E-05	6.69556E-05	0.000306343	0.000290945	0.152149688	1.39461E-05	1.28304E-05	1.4438E-06	0	4952	750972	127.642061	1.072325347	98181.34605
Orange	2027 Construction and Mining - Tanker Truck Trailer	Aggregate	100 Diesel	2.05171E-06	2.48257E-06	2.95446E-06	5.23771E-05	1.27393E-05	0.008067881	1.86964E-06	1.72007E-06	7.64255E-08	0	262	167201	16.4658914	0.188939473	4674.80132
Orange	2027 Construction and Mining - Tanker Truck Trailer	Aggregate	175 Diesel	4.1273E-06	4.95403E-06	5.94331E-06	6.91771E-05	2.65279E-05	0.01279632	1.12564E-06	1.03595E-06	1.1083E-07	0	366	533293	134.896918	0.188939473	7286.005056
Orange	2027 Construction and Mining - Tanker Truck Trailer	Aggregate	300 Diesel	1.1286E-06	1.34643E-06	1.60463E-06	8.91765E-07	1.111104E-07	0.230745E-06	4.23074E-06	4.23074E-06	4.23074E-06	0	144	331217	41.7053204	0.0631554	2861.15658
Orange	2027 Construction and Mining - Tanker Truck Trailer	Aggregate	600 Diesel	1.89828E-06	2.29629E-06	2.73352E-06	1.80277E-05	0.000231243	4.79005E-07	4.35165E-07	2.19603E-08	0	337	136317	19.9166161	0.188939473	1343.279217	
Orange	2027 Construction and Mining - Tanker Truck Trailer	Aggregate	175 Diesel	2.70874E-06	3.27757E-06	3.9058E-06	2.50617E-05	3.50353E-06	0.012724425	2.73277E-07	2.51415E-07	1.20534E-07	0	413	476562	6.05550006	0.06313491	8196.59336
Orange	2027 Construction and Mining - Tanker Truck Trailer	Aggregate	300 Diesel	1.24068E-06	1.50122E-06	1.78658E-06	1.69624E-05	1.39398E-05	0.002711399	1.60798E-07	1.47934E-07	2.57016E-08	0	88	1658902	65.1555527	0.12626982	1572.11373
Orange	2027 Construction and Mining - Telescopic Handler	Aggregate	100 Diesel	2.6644E-06	3.2454E-06	3.9044E-06	0.00047519	0.000275219	0.000275219	0.000275219	0.000275219	0.000275219	0	107	1919	367.716981	2355.324949	7.01726992
Orange	2027 Construction and Mining - Telescopic Handler	Aggregate	175 Diesel	0.000141862	0.000171652	0.000204281	0.000323364	0.000118667	0.628255253	3.74801E-05	3.44817E-05	5.95153E-06	0	20415	31184	9489.602473	15.97076221	40404.79423
Orange	2027 Construction and Mining - Telescopic Handler	Aggregate	300 Diesel	4.15294E-06	5.14294E-06	5.14704E-06	3.59542E-05	6.68873E-06	0.017969523	5.45751E-07	4.16531E-07	1.70219E-07	0	307	139977	164.103557	0.378788946	11575.27657
Orange	2027 Construction and Mining - Telescopic Handler	Aggregate	50 Diesel	1.64686E-06	4.4127E-06	5.25147E-06	4.96321E-05	4.41805E-05	0.008211821	8.24709E-07	7.58732E-07	7.78079E-08	0	266	909365	349.138132	1.26262982	4709.403024
Orange	2027 Construction and Mining - Telescopic Handler	Aggregate	600 Diesel	1.74512E-06	2.09013E-06	2.47878E-06	2.18172E-06	2.28117E-06	0.000274484	1.71451E-06	1.57774E-06	3.63002E-06	0	275	645165	28.6989484	0.0631554	5408.6796
Orange	2027 Construction and Mining - Telescopic Handler	Aggregate	75 Diesel	6.79601E-05	8.22318E-05	9.78626E-05	0.001318182	0.001154711	0.237344884	9.69991E-06	8.92391E-06	2.18571E-06	0	7497	770317	5498.063444	16.54050064	133696.6494
Orange	2027 Construction and Mining - Telescopic Handler	Aggregate	9999 Diesel	1.6828E-06	1.77123E-06	2.10791E-06	1.75549E-05	2.90392E-05	0.00932452	2.83691E-07	2.60995E-07	3.55247E-05	0	303	10018029	23.5524715	0.06313491	6006.588024
Orange	2027 Construction and Mining - Tractor/Loaders/Backhoes	Aggregate	175 Diesel	1.44007E-05	1.74248E-05	2.0737E-05	0.000134962	0.000363022	0.071923437	6.79734E-06	6.25355E-06	6.81317E-07	0	0	2337.146632	45.42256172	0.12626982	46331.01296
Orange	2027 Construction and Mining - Tractor/Loaders/Backhoes	Aggregate	300 Diesel	0.0007934815	0.0009621126	0.014262E-05	0.000134962	0.000363022	0.071923437	6.79734E-06	6.25355E-06	6.81317E-07	0	0	2337.146632	45.42256172	0.12626982	46331.01296
Orange	2027 Construction and Mining - Tractor/Loaders/Backhoes	Aggregate	175 Diesel	0.0007934815	0.0009621126	0.014262E-05	0.000134962	0.000363022	0.071923437	6.79734E-06	6.25355E-06	6.81317E-07	0	0	2337.146632	45.42256172	0.12626982	46331.01296
Orange	2027 Construction and Mining - Tractor/Loaders/Backhoes	Aggregate	25 Diesel	3.86809E-07	4.68039E-07	5.70005E-07	4.11159E-06	0.000539E-06	1.79797E-07	8.12518E-07	4.3196E-09	0	14817	78711	4.3196E-09	0.12626982	264.236881	
Orange	2027 Construction and Mining - Tractor/Loaders/Backhoes	Aggregate	300 Diesel	0.002762003	0.003434204	0.003977284	0.020870579	0.0186519	9.637290425	0.000826258	0.000760158	5.12922E-05	0	0	0	0	310.6021	620078.91038
Orange	2027 Construction and Mining - Tractor/Loaders/Backhoes	Aggregate	600 Diesel	0.000219208	0.000252936	0.000315723	0.016368541	0.013274329	0.2989170354	0.000669995	0.000613654	1.9885E-05	0	68212	332218	80975.72471	230.9537205	2035.572026
Orange	2027 Construction and Mining - Tractor/Loaders/Backhoes	Aggregate	600 Diesel	0.001962626	0.002375709	0.002875502	0.016405609	0.012137369	0.25268637	0.000554682	0.000510473	6.93654E-05	0	23748	7368	33065.14101	55.64270384	477114.064
Orange	2027 Construction and Mining - Tractor/Loaders/Backhoes	Aggregate	75 Diesel	0.00471387	0.005701504	0.006785261	0.05611377	0.064542815	0.318684011	0.001812844	0.001667816	8.82411E-05	0	30812	3627	82321.3701	48.1721503	521846.11
Orange	2027 Construction and Mining - Tractor/Loaders/Backhoes	Aggregate	750 Diesel	9.02757E-05	0.000109234	0.000129997	0.000818435	0.0008555742	0.336281887	3.52715E-05	3.24497E-05	3.18553E-06	0	1097	51261	851.718153	1.64273779	220008.6783
Orange	2027 Construction and Mining - Tractor/Loaders/Backhoes	Aggregate	9999 Diesel	0.000447215	0.00054113	0.000643899	0.003843474	0.000935846	1.33120476	0.00020354	0.000818757	1.26292E-05	0	4332	76556	1202.02621	2.21083467	86890.584
Orange	2027 Construction and Mining - Trenchers	Aggregate	100 Diesel	0.000128098</														

Orange	2027 Industrial - Forklifts	Aggregate	9999 Diesel	0.00017009	0.000205809	0.00024493	0.00030296	0.00037649	0.70048952	6.66595E-05	6.13288E-05	6.72083E-06	0	23054.90228	1158.30356	2.357779332	469652.436	
Orange	2027 Industrial - Garbage Refuse	Aggregate	175 Diesel	2.11787E-06	2.11787E-06	2.52289E-06	2.51188E-05	2.11936E-05	0.004271397	1.00119E-06	2.91094E-07	0.44792E-08	0	138.8582938	65.85317427	0.11718916	2752.671045	
Orange	2027 Industrial - Garbage Refuse	Aggregate	300 Diesel	6.15081E-06	6.15084E-06	7.31977E-06	4.1031E-05	2.79386E-05	0.020827136	1.16106E-06	1.06817E-06	1.97921E-07	0	676.7814236	149.6012837	0.235673832	13416.34312	
Orange	2027 Industrial - Garbage Refuse	Aggregate	50 Diesel	2.82155E-07	3.14107E-07	4.06303E-07	4.77775E-06	5.45348E-06	0.000573896	9.76544E-08	8.98421E-08	7.14151E-09	0	24.49789393	45.98277019	0.11718916	466.8363168	
Orange	2027 Industrial - Garbage Refuse	Aggregate	600 Diesel	5.79556E-05	5.19305E-05	0.000109405	0.000063052	0.000358704	0.309178803	1.5507E-05	1.42665E-05	2.92879E-06	0	10046.615894	1076.723915	1.531645908	199164.1074	
Orange	2027 Industrial - Garbage Refuse	Aggregate	75 Diesel	1.64940E-06	1.59607E-06	2.37548E-06	2.00857E-05	1.65211E-05	0.003090178	5.28153E-07	4.85016E-07	2.92727E-08	0	100.4158812	63.6759567	0.11718916	1790.567902	
Orange	2027 Industrial - Garbage Refuse	Aggregate	9999 Diesel	1.55184E-05	1.88534E-05	1.24373E-05	0.000515091	0.007165947	0.000265106	5.75458E-06	5.22061E-06	7.30978E-07	0	2507.520895	138.4973952	0.235673832	49708.98711	
Orange	2027 Industrial - Garbage Transfer	Aggregate	300 Diesel	7.02774E-06	8.50357E-06	1.01195E-05	4.59227E-05	5.24771E-05	0.021800551	1.74655E-06	2.06564E-07	0	708.5945834	161.030705	0.235673832	14046.83221		
Orange	2027 Industrial - Garbage Transfer	Aggregate	600 Diesel	1.22215E-05	1.4788E-05	1.7599E-05	0.000129629	3.23079E-05	0.053269509	1.99425E-06	1.83471E-06	5.04068E-07	0	1730.988533	168.0020634	0.235673832	34314.42145	
Orange	2002 Industrial - Misc - Aerial Lifts	Aggregate	100 Gasoline	0.0001670298	0.000153634	0.001838061	0.09247073	0.00461878	3.371317133	0.000235056	0.000177598	3.25716E-05	0.46685E-05	133265.15	46767.45	129.44	313349.15	
Orange	2027 Industrial - Misc - Aerial Lifts	Aggregate	15 Gasoline	0.000214882	0.000231266	0.000306452	0.00788866	0.02030242	3.1699E-07	0.000127205	2.75930E-05	1.75486E-07	0	498.5083006	1.75486E-07	0.468411478	0	
Orange	2027 Industrial - Misc - Aerial Lifts	Aggregate	15 Diesel	0.000315445	0.000379411	0.000453458	0.001990173	0.002376026	0.000454847	8.35597E-05	0.000063134	4.32286E-08	0.37237E-08	148.1546703	0	69.04275504	0	
Orange	2027 Industrial - Misc - Aerial Lifts	Aggregate	15 Net Gas	3.46565E-05	3.13655E-06	3.43062E-05	0.001221215	3.38236E-05	1.12162E-07	3.11748E-06	2.35543E-06	2.55717E-09	2.30061E-08	65.7031601	0	1.567647935	0	
Orange	2027 Industrial - Misc - Aerial Lifts	Aggregate	2 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	1.476288036	
Orange	2027 Industrial - Misc - Aerial Lifts	Aggregate	0	0.015579026	0.01573505	0.017144032	0.041132819	0.009955226	1.55745E-06	0.00504664	0.000318286	6.6516E-06	9.18168E-06	26136.2921	0	0	157.4883626	
Orange	2027 Industrial - Misc - Aerial Lifts	Aggregate	25 Diesel	0.000587856	0.000270702	0.000845053	0.002412105	0.004047089	0.000457375	0.000153342	0.000115588	6.12849E-08	0.210375603	0	97.96586139	0	97.96586139	
Orange	2027 Industrial - Misc - Aerial Lifts	Aggregate	25 Net Gas	0.002958158	0.000292725	0.00292826	0.075063021	0.002063464	6.60049E-06	0.000155704	0.000152853	1.64055E-07	1.44357E-06	4124.377996	0	66.7439842	0	
Orange	2027 Industrial - Misc - Aerial Lifts	Aggregate	5 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	1.476288036	
Orange	2027 Industrial - Misc - Forklifts	Aggregate	50 Gasoline	0.002118371	0.001984478	0.002331139	0.17396136	0.00316005	0.002736455	0.000212375	7.84737E-06	2.0418E-05	2.59918E-06	7419.55	46767.45	129.44	1543325.85	
Orange	2027 Industrial - Misc - Forklifts	Aggregate	100 Gasoline	0.113490463	0.104388528	0.124889332	10.77120091	0.559208215	134.0592037	0.009346029	0.007062124	0.001295199	0.002006841	5728536.3	2729258.3	1514.94	191480081	
Orange	2027 Industrial - Misc - Forklifts	Aggregate	100 Net Gas	0	0	0.020968005	8.98858508	0.99255291	219.3328181	0.051906074	0	0	0	1220255.55	5126114.75	2845.38	358828032.5	
Orange	2027 Industrial - Misc - Forklifts	Aggregate	175 Gasoline	0.005925818	0.004505568	0.000621002	0.412467263	0.034565173	9.938700991	0.000712489	0.000538333	9.87306E-05	0.000140005	403135.65	99747.2	55.36	14563091.2	
Orange	2027 Industrial - Misc - Forklifts	Aggregate	175 Net Gas	0	0	0.000961548	5.759247243	0.049359603	16.74094339	0.001480834	0	0	0	915638	187591.75	104.13	7288959.55	
Orange	2027 Industrial - Misc - Forklifts	Aggregate	25 Gasoline	9.83722E-05	9.93104E-05	0.00019203	0.008193432	5.38604E-05	2.25214E-07	2.0153E-07	1.52268E-07	1.75192E-07	1.72811E-07	0	0	0	1.201945192	
Orange	2027 Industrial - Misc - Forklifts	Aggregate	25 Net Gas	0.000539683	4.88434E-05	0.000534228	0.00775218	0.000216435	5.99543E-07	2.99226E-05	1.80749E-05	1.74978E-06	1.57423E-07	449.7682452	0	2.303773939	0	
Orange	2027 Industrial - Misc - Forklifts	Aggregate	50 Gasoline	0.053766472	0.049454401	0.029456723	6.33325487	1.232918433	22.62912971	0.001560032	0.001178691	0.000275129	0.000043686	1240813.85	777720.1	431.69	31886524.1	
Orange	2027 Industrial - Misc - Forklifts	Aggregate	50 Net Gas	0	0	0.003533493	5.98718203	0.153574591	36.60353428	0.00255271	0	0	0	1594862.85	1460562.1	810.71	59883046.1	
Orange	2027 Industrial - Misc - Other General Industrial Equipment	Aggregate	50 Gasoline	0.000515529	0.000474065	0.000474065	0.000474065	0.000474065	6.24516E-05	0.000304788	5.09634E-06	9.34672E-06	1.36295E-06	0	0	0	13.59	765529.32
Orange	2027 Industrial - Misc - Other General Industrial Equipment	Aggregate	15 Gasoline	0.003219145	0.002531336	0.003542473	0.188661778	0.002189598	0.16225E-05	1.22591E-05	2.95626E-05	4.0755E-06	0.11546992	0	603.06908	0	163.06908	0
Orange	2027 Industrial - Misc - Other General Industrial Equipment	Aggregate	15 Diesel	0.000181781	0.000218642	0.000261313	0.001287805	0.001356887	0.002845117	0.000054049	4.0837E-05	2.70021E-08	2.32599E-08	90.14257665	0	16.91787239	0	
Orange	2027 Industrial - Misc - Other General Industrial Equipment	Aggregate	175 Gasoline	7.23366E-05	6.65325E-05	7.9602E-05	0.006959385	0.000610914	0.205485255	1.43777E-05	1.08828E-05	1.99242E-06	2.80671E-06	821.75	93.4	1.33	162585.6	
Orange	2027 Industrial - Misc - Other General Industrial Equipment	Aggregate	2 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0.15043636	
Orange	2027 Industrial - Misc - Other General Industrial Equipment	Aggregate	25 Gasoline	0.002854002	0.002882542	0.003140054	0.250877812	0.001563314	0.64304E-05	6.1783E-06	4.68004E-06	3.83268E-06	5.29052E-06	15078.1222	0	54.74785944	0	
Orange	2027 Industrial - Misc - Other General Industrial Equipment	Aggregate	25 Diesel	0.000523812	0.000610031	0.000752888	0.002150386	0.003981302	0.005755551	0.000133886	0.000101159	5.46241E-08	4.07537E-08	187.2094974	0	17.46155997	0	
Orange	2027 Industrial - Misc - Other General Industrial Equipment	Aggregate	5 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0.15043636	
Orange	2027 Industrial - Misc - Other General Industrial Equipment	Aggregate	50 Diesel	0.001666114	0.001512349	0.001833457	5.1982143	0.003861595	1.130633815	7.79451E-05	5.88919E-05	1.37465E-05	1.84020E-05	52323.5	29902.95	41.94	885088.	
Orange	2027 Industrial - Misc - Other Material Handling Equipment	Aggregate	100 Gasoline	0.000917189	0.00084363	0.00100931	0.00480582	1.337476816	9.32521E-05	7.04731E-05	1.29219E-05	1.8968E-05	54434.1	19987.4	51.72	1079319.16	0	
Orange	2027 Industrial - Misc - Other Material Handling Equipment	Aggregate	50 Gasoline	3.94379E-05	3.6275E-05	4.33991E-05	0.003554527	8.42772E-05	0.023209712	1.60006E-06	2.82188E-07	3.86162E-07	1102.3	445.3	1.14	18257.3	0	
Orange	2027 Industrial - Misc - Sweepers/Scrubbers	Aggregate	100 Gasoline	0.002686818	0.002471335	0.00295668	0.169591802	0.01694268	5.88106816	0.000408989	0.000380795	5.66332E-05	8.13484E-05	23209.35	59190.3	100.5	3529900.4	
Orange	2027 Industrial - Misc - Sweepers/Scrubbers	Aggregate	15 Diesel	4.52818E-05	5.6009E-05	6.40841E-05	0.000519559	0.000296126	2.50996E-05	6.66932E-06	1.50996E-05	1.71636E-05	488.26507	0	72.44836525	0	72.44836525	
Orange	2027 Industrial - Misc - Sweepers/Scrubbers	Aggregate	175 Gasoline	7.22845E-05	8.69423E-05	0.00010091	0.000511892	0.000611137	0.001131351	2.14924E-05	1.62387E-05	1.07373E-08	9.24921E-09	36.79917867	0	7.900916712	0	
Orange	2027 Industrial - Misc - Sweepers/Scrubbers	Aggregate	175 Diesel	2.07984E-05	1.91303E-05	2.28873E-05	0.000263145	0.000209997	0.068240135	4.89209E-06	3.69625E-06	6.77894E-07	9.52617E-07	2719.25	302.95	0.58	42413	
Orange	2027 Industrial - Misc - Sweepers/Scrubbers	Aggregate	2 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0.10440797	
Orange	2027 Industrial - Misc - Sweepers/Scrubbers	Aggregate	25 Gasoline	0.002861874	0.002893074	0.003140143	0.27747466	0.001567567	7.49884E-05	6.71028E-05	5.06989E-06	4.15406E-06	5.73412E-06	16345.4348	0	72.0242497	0	
Orange	2027 Industrial - Misc - Sweepers/Scrubbers	Aggregate	25 Diesel	0.000104956	0.000126239	0.000150876	0.000430874	0.000779735	0.001153242	2.68228E-05	2.02692E-05	1.09451E-06	9.42817E-09	37.51122298	0	6.002920185	0	
Orange	2027 Industrial - Misc - Sweepers/Scrubbers	Aggregate	5 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0.10440797	
Orange	2027 Industrial - Misc - Sweepers/Scrubbers	Aggregate	50 Gasoline	0.004603223	0.004240405	0.005055656	0.398966617	0.009950577	3.65456815	0.000251943	0.000190357	4.44329E-05	5.69409E-05	126170.45	62170.45	120.37	217965.75	
Orange	2027 Industrial - Mower	Aggregate	100 Diesel	0.000198624	0.000240335	0.000286019	0.00387048	0.002130328	6.63519758	0.000169917	0.000156324	0.61689E-06	0	2046.26889	1078.80723	19.55097516	38002.0952	
Orange	2027 Industrial - Mower	Aggregate	175 Diesel	2.71935E-06	3.29063E-06	3.91612E-06	1.60914E-05	3.39378E-05	1.11667E-06	1.02734E-06	7.72648E-08	0	265.0462481	79.0108074	0.11718916	12619.7645		
Orange	2027 Industrial - Mower	Aggregate	50 Diesel	0.001496452	0.001810707	0.002158493	0.016554893	0.0120625	2.059581989	0.000501447	0.000461331	1.951E-05	0	66926.27437	8919.51425	187.018654	1195009.45	
Orange	2027 Industrial - Mower	Aggregate	75 Diesel	0.000632281	0.000775059	0.000910484	0.004888127	0.007191795	1.371063849	0.00015317	0.000411	1.29878E-05	0	44552.5898	36497.37897	71.0440065	794447.027	
Orange	2027 Industrial - Mower	Aggregate	9999 Diesel	0.000114785	0.000160129	0.000160129	0.000160129	0.000160129	0.000160129	0.000160129	0.000160129	0.000160129	0.000160129	1192.100664	430.7781239	0.942511218	12619.7645	
Orange	2027 Industrial - Other General Industrial Equipment	Aggregate	100 Diesel	0.000234764	0.000234064	0.00033806	0.00331314	0.002325484	0.555948049	0.00017888	0.00016662	5.26369E-06	0	18065.82885	10967.17026	26.99143053	139322.4787	
Orange	2027 Industrial - Other General Industrial Equipment																	

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Orange	2027 Military Tactical Support - Misc - Compressor	Aggregate	175 Diesel	1.72784E-06	2.05604E-06	2.4878E-06	4.6969E-06	1.6094E-05	5.95520E-06	5.47884E-07	1.03288E-07	7.52945E-08	299.3	58.4	0.16	9752.8		
Orange	2027 Military Tactical Support - Misc - Compressor	Aggregate	300 Diesel	1.87191E-06	4.60798E-06	5.57555E-06	4.27381E-05	3.35233E-05	0.02491788	9.93511E-07	8.60523E-07	2.03846E-07	810.1	102.2	0.34	22790.6		
Orange	2027 Military Tactical Support - Misc - Compressor	Aggregate	50 Diesel	1.17608E-06	1.39964E-06	1.69354E-06	1.70971E-06	1.5569E-06	0.00213209	3.10677E-07	2.85932E-07	3.48197E-08	69.35	58.4	0.16	2861.6		
Orange	2027 Military Tactical Support - Misc - Compressor	Aggregate	600 Diesel	2.22477E-05	2.64766E-05	3.20366E-05	0.000245718	0.000182516	0.145543191	1.55024E-06	4.92222E-06	1.40873E-06	1.19094E-06	4734.05	368.65	1.25	137705.45	
Orange	2027 Military Tactical Support - Misc - Crane	Aggregate	100 Diesel	3.43033E-06	4.08237E-06	4.93967E-06	0.0001295	0.023565204	4.56547E-07	4.20023E-07	2.70827E-07	1.92827E-07	766.5	211.7	0.7	22226.5		
Orange	2027 Military Tactical Support - Misc - Crane	Aggregate	175 Diesel	6.20271E-07	7.38709E-07	8.93838E-07	2.88952E-05	3.32109E-06	0.000947409	1.01385E-07	9.32746E-08	6.45045E-08	4.86659E-08	193.45	32.85	0.09	4631.85	
Orange	2027 Military Tactical Support - Misc - Crane	Aggregate	300 Diesel	1.15315E-07	2.29701E-07	8.82938E-07	9.93025E-06	6.005947409	9.40744E-08	6.17351E-08	6.86659E-08	4.86659E-08	193.45	32.85	0.09	4631.85		
Orange	2027 Military Tactical Support - Misc - Deicer	Aggregate	100 Diesel	1.51137E-06	1.78655E-06	2.16737E-06	3.51354E-05	2.06408E-05	0.00853193	6.33832E-07	5.83126E-07	4.77477E-08	189.8	58.4	0.16	6424		
Orange	2027 Military Tactical Support - Misc - Generator	Aggregate	100 Diesel	0.000191587	0.000247004	0.000258928	0.00048595	0.002616505	0.072589218	0.004896E-05	7.39192E-05	8.99123E-06	6.4037E-06	25455.1	8960.75	29.85	743742.25	
Orange	2027 Military Tactical Support - Misc - Generator	Aggregate	175 Diesel	0.000200568	0.000244776	0.000296679	0.000593771	0.001616028	1.11440974	7.80898E-05	6.52269E-05	1.22967E-05	9.1189E-06	36248.15	7223.35	24.03	1061832.45	
Orange	2027 Military Tactical Support - Misc - Generator	Aggregate	300 Diesel	6.92140E-05	8.23661E-05	1.93663E-05	0.000162051	0.000299354	0.44437427	1.27194E-05	1.53819E-05	4.59837E-06	1.63617E-06	14454	1908.95	6.34	428079.55	
Orange	2027 Military Tactical Support - Misc - Generator	Aggregate	50 Diesel	6.15644E-06	7.32668E-06	8.8528E-06	8.9498E-05	8.1499E-05	0.01436353	1.6283E-06	1.40619E-06	1.82271E-07	1.17533E-07	467.2	357.7	1.19	13592.6	
Orange	2027 Military Tactical Support - Misc - Generator	Aggregate	600 Diesel	4.29957E-05	5.11684E-05	6.19138E-05	0.000474873	0.000352729	0.2812144	1.03398E-05	9.51264E-06	2.7249E-06	2.30107E-06	9146.9	777.45	2.57	270552.6	
Orange	2027 Military Tactical Support - Misc - Generator	Aggregate	750 Diesel	2.28702E-06	2.72174E-06	3.29313E-06	2.51328E-06	1.89989E-05	0.01481244	5.52779E-06	5.0581E-07	1.4755E-07	1.21206E-07	481.8	0	0.07	0	
Orange	2027 Military Tactical Support - Misc - Hydraulic Unit	Aggregate	100 Diesel	2.60193E-07	3.14832E-07	3.80959E-07	0.00050826	0.00019451E-06	0.00050826	1.40964E-06	1.29116E-06	7.20969E-06	2.2116E-06	2880.4	886.05	3.07	84260.2	
Orange	2027 Military Tactical Support - Misc - Lift	Aggregate	100 Diesel	6.52363E-07	7.76911E-07	9.3796E-07	1.51271E-05	8.91308E-06	0.001907659	2.737E-07	2.51804E-07	3.02635E-08	1.55098E-08	0	0	0.07	0	
Orange	2027 Military Tactical Support - Misc - Light	Aggregate	50 Diesel	1.50011E-06	1.78525E-06	2.16016E-06	2.1807E-05	1.98548E-05	0.000590888	3.96271E-07	3.6457E-07	4.44129E-08	2.98332E-08	61.05	58.4	0.17	2920	
Orange	2027 Military Tactical Support - Misc - Other Tactical Support Equipment	Aggregate	100 Diesel	4.34175E-06	5.16704E-06	6.25121E-06	0.000100935	5.92954E-05	0.01773001	1.82083E-06	1.67516E-06	2.0376E-07	1.4508E-07	57.67	211.7	0.7	16724.3	
Orange	2027 Military Tactical Support - Misc - Other Tactical Support Equipment	Aggregate	175 Diesel	6.12434E-06	7.28407E-06	8.81893E-06	0.000165051	5.70518E-05	0.03213717	2.11109E-06	1.9422E-06	3.66147E-07	2.71797E-07	1080.4	211.7	0.7	31331.6	
Orange	2027 Military Tactical Support - Misc - Other Tactical Support Equipment	Aggregate	300 Diesel	2.38828E-06	3.17843E-06	3.8791E-06	3.1335E-06	2.45802E-05	0.018291087	6.8785E-07	6.30922E-07	2.02474E-07	1.49671E-07	594.95	62.05	0.24	13526.9	
Orange	2027 Military Tactical Support - Misc - Other Tactical Support Equipment	Aggregate	50 Diesel	3.00022E-07	3.57051E-07	4.2031E-07	4.36151E-06	3.97168E-06	0	7.92543E-08	7.2914E-08	8.88258E-09	0	0	0	0		
Orange	2027 Military Tactical Support - Misc - Other Tactical Support Equipment	Aggregate	600 Diesel	1.1503E-06	1.38959E-06	1.65643E-06	1.27047E-05	9.43688E-06	0.007306308	2.7603E-07	2.545E-07	7.28372E-08	6.24393E-08	248.2	0	0	0	
Orange	2027 Military Tactical Support - Misc - Other Tactical Support Equipment	Aggregate	750 Diesel	3.44069E-06	1.35531E-06	1.93059E-06	1.4728E-05	1.11374E-05	0.00860505	3.24039E-07	2.98098E-07	8.49694E-08	7.25398E-08	285.35	0	0	0	
Orange	2027 Military Tactical Support - Misc - Pressure Washers	Aggregate	175 Diesel	1.17935E-06	1.40332E-06	1.69824E-06	3.20627E-05	1.09836E-05	0.000609624	4.06027E-07	3.7405E-07	7.0508E-08	4.95842E-08	197.1	51.1	0.16	7767.2	
Orange	2027 Military Tactical Support - Misc - Pump	Aggregate	100 Diesel	1.54572E-06	1.83953E-06	2.22583E-06	0.00003594	0.000211099	0.063064976	6.48238E-06	5.96379E-06	7.25411E-07	5.16043E-07	2051.3	598.6	2	59860	
Orange	2027 Military Tactical Support - Misc - Pump	Aggregate	50 Diesel	1.3573E-05	1.61533E-05	1.95451E-05	0.000197316	0.000179679	0.031981349	3.58546E-06	3.29683E-06	4.01848E-07	2.61694E-07	1040.25	777.45	2.57	30320.55	
Orange	2027 Military Tactical Support - Misc - Start Cart	Aggregate	100 Diesel	3.34493E-07	4.08785E-07	4.9436E-07	7.98532E-06	4.69109E-06	0.00179544	1.44053E-07	1.32529E-07	1.61202E-08	1.46916E-08	58.4	0	0	0	
Orange	2027 Military Tactical Support - Misc - Start Cart	Aggregate	600 Diesel	7.17423E-06	8.6803E-06	1.04327E-05	6.59437E-07	4.54537E-07	0.00172104	1.5453E-07	1.42177E-07	0.001703104	1.28075E-07	1420.5	434.35	1.46	39960.2	
Orange	2027 Military Tactical Support - Misc - Test Stand	Aggregate	100 Diesel	1.02844E-05	1.24107E-05	1.5017E-05	0.000242434	0.000142422	0.002305153	4.37344E-06	4.0257E-06	4.89411E-07	3.46171E-07	1376.05	434.35	1.46	39960.2	
Orange	2027 Military Tactical Support - Misc - Test Stand	Aggregate	175 Diesel	7.34507E-07	8.71421E-07	1.05769E-06	1.99868E-05	6.84236E-06	0.000813159	2.53188E-07	2.32933E-07	4.39129E-08	3.12197E-08	124.1	0	0.07	0	
Orange	2027 Military Tactical Support - Misc - Test Stand	Aggregate	300 Diesel	1.52344E-05	1.73738E-05	1.90836E-05	0.000140302	0.000114674	0.008171382	3.20191E-06	2.94575E-06	4.94281E-07	6.96933E-07	2770.35	412.45	1.37	81252.65	
Orange	2027 Military Tactical Support - Misc - Test Stand	Aggregate	50 Diesel	1.94346E-06	2.34785E-06	2.82157E-05	8.49181E-05	7.18951E-05	0.001229732	7.9185E-06	5.37161E-06	5.37161E-06	4.68216E-06	1861.5	160.6	0.5	5919.75	
Orange	2027 Military Tactical Support - Misc - Welder	Aggregate	100 Diesel	1.2325E-05	1.46999E-05	1.7789E-05	0.00207352	0.00016892	0.050272436	5.18034E-06	4.76733E-06	5.79684E-07	4.11365E-07	1635.2	777.45	2.57	48201.9	
Orange	2027 Military Tactical Support - Misc - Welder	Aggregate	50 Diesel	4.41032E-06	5.24864E-06	6.3086E-06	6.41145E-05	5.83838E-05	0.010321804	1.16504E-06	1.30574E-07	8.44767E-08	33.5	87.4	0.93	9709		
Orange	2027 Ocean Going Vessels - Auto Carrier	Aggregate	0 Diesel	0.014437515	0.009736967	0.01161305	0.02301913	0.28158095	8.900899002	0.00236887	0.00230336	0.00008369	0.000208161	289712.6609	5588.352001	0	4678682.457	
Orange	2027 Ocean Going Vessels - Bulk Carrier	Aggregate	1 Diesel	0.010191958	0.000189187	0.000189187	0.000195914	0.000195914	0.000195914	14.3374471E-05	0.000195914	0.000195914	0.000195914	446431.0023	9558.43034	0	1500000.0	
Orange	2027 Ocean Going Vessels - Bulk Carrier	Aggregate	0 Diesel	0.001704401	0.001518303	0.001890422	0.003802453	0.029470911	1.592596007	0.000053404	0.000046004	0.001180713	0.293117E-05	51802.41479	749.066662	0	812586.6292	
Orange	2027 Ocean Going Vessels - Container	Aggregate	10 Diesel	0.000245142	0.001254705	0.001495897	0.004283901	0.026299898	0.125919394	0.000689101	0.000633973	0.001764117	1.38848E-05	70060.04207	1497.082178	0	94652.4834	
Orange	2027 Ocean Going Vessels - Container	Aggregate	100 Diesel	0.001932701	0.001569804	0.001870709	0.001456667	0.027199386	2.824662757	0.000718189	0.000719273	1.22739E-05	91877.15761	274.457819	0	1231869.573		
Orange	2027 Ocean Going Vessels - Container	Aggregate	175 Diesel	0.000193098	0.000238497	0.000288497	0.000277424	0.000277424	0.000277424	0.000277424	0.000277424	0.000277424	0.000277424	0.000277424	0.000277424	0.000277424	0	347795.5658
Orange	2027 Ocean Going Vessels - Container	Aggregate	13 Diesel	0.000604848	0.000511991	0.000698952	0.013705163	0.095257173	7.146049001	0.002147261	0.001937548	0.000530509	1.61639E-05	23437.8568	328.36633	0	330537.33	
Orange	2027 Ocean Going Vessels - Container	Aggregate	14 Diesel	0.008054423	0.006324968	0.007541872	0.017344584	0.109448744	0.49406919	0.002985199	0.002746381	0.007609356	7.48772E-05	34138.184	3661.59189	0	4647157.421	
Orange	2027 Ocean Going Vessels - Container	Aggregate	15 Diesel	0.00178552	0.001110121	0.001323761	0.000360477	0.021806555	1.832448651	0.000556663	0.00051213	0.001473524	1.36192E-05	59603.63694	1149.996749	0	812040.556	
Orange	2027 Ocean Going Vessels - Container	Aggregate	16 Diesel	0.001238963	0.00078872	0.001005126	0.000312749	0.000263637	0.000263637	0.000263637	0.000263637	0.000263637	0.000263637	0.000263637	0.000263637	0.000263637	0	42975.40897
Orange	2027 Ocean Going Vessels - Container	Aggregate	19 Diesel	0.000533245	0.000110717	0.000159515	0.000472713	0.000245938	0.00015328E-06	0.00013662	0.000286874	1.87512E-06	9714.23286	9714.23286	9714.23286	9714.23286	0	612763.5758
Orange	2027 Ocean Going Vessels - Container	Aggregate	2 Diesel	0.03140529	0.024781336	0.02960164	0.06415277	0.500539141	24.9585185	0.008293486	0.007630008	0.020002368	0.000554747	811863.376	9631.845	0	1267316.31	
Orange	2027 Ocean Going Vessels - Container	Aggregate	23 Diesel	0.000925164	0.000925465	0.001105914	0.0002402331	0.01779896	0.749914222	0.000248751	0.000228851	0.000553303	2.26413E-05	24392.28788	57.2475	0	409890.5879	
Orange	2027 Ocean Going Vessels - Container	Aggregate	3 Diesel	0.002033777	0.00138925	0.001659441	0.004078079	0.02836377	1.559951307	0.000526457	0.00048434	0.00131799	2.50971E-05	56462.6292	746.155467	0	766129.3182	
Orange	2027 Ocean Going Vessels - Container	Aggregate	4 Diesel	0.004173883	0.002415386	0.002778533	0.0044777881	0.014419043	0.0443355483	0.000190514	0.000404813	0.000404813	0.000404813	94683.1136	15241.12333	0	140014.0000	
Orange	2027 Ocean Going Vessels - Container	Aggregate	5 Diesel	0.00178381	0.000911674	0.001094126	0.00324755	0.002066672	1.100597636	0.000425519	0.00073817	0.000416919	1.44673E-05	35800.90679	603.766667	0	13526.2887	
Orange	2027 Ocean Going Vessels - Container	Aggregate	6 Diesel	0.001164061	0.000299365	0.003571264	0.007162352	0.052060899	5.379448437	0.001014913	0.001342021	0.000354822	2.47102E-05	174976.054	7383.33467	0	234645.485	
Orange	2027 Ocean Going Vessels																	

Orange	2027	Pleasure Craft - Sailboat Auxiliary Inboard Engine	Aggregate	120 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Sailboat Auxiliary Inboard Engine	Aggregate	15 Gasoline	8.8766E+05	8.9645E+11	9.7682E+05	0.001702489	6.15348E+05	0.00902883	1.74855E+05	1.32113E+05	1.30544E+07	1.80198E+07	448.0909587	0	0	0	0	16.73430876
Orange	2027	Pleasure Craft - Sailboat Auxiliary Inboard Engine	Aggregate	15 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Sailboat Auxiliary Inboard Engine	Aggregate	15 Gasoline	0.000909111	0.00100000	0.00108956	0.007032568	0.000700577	0.086916965	8.74402E+06	6.6066E+06	9.70396E+07	1.33951E+08	3782.84176	0	0	0	0	11.38479115
Orange	2027	Pleasure Craft - Sailboat Auxiliary Inboard Engine	Aggregate	175 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Sailboat Auxiliary Inboard Engine	Aggregate	25 Gasoline	0.000165937	0.000167596	0.000182603	0.003104685	0.000129785	0.017052986	6.14888E+05	4.64567E+05	2.32244E+07	3.20583E+07	630.6031794	0	0	0	0	19.06018588
Orange	2027	Pleasure Craft - Sailboat Auxiliary Inboard Engine	Aggregate	25 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Sailboat Auxiliary Inboard Engine	Aggregate	250 Gasoline	0.000167284	0.001689228	0.001840466	0.01187933	0.00118438	0.147977205	1.47703E+06	1.11598E+06	1.64563E+06	2.7158E+06	642.958E+05	0	0	0	0	11.38479115
Orange	2027	Pleasure Craft - Sailboat Auxiliary Inboard Engine	Aggregate	250 Diesel	0	0.000545745	0.000060386	0.009853696	0.000570502	0.005200987	0.000356194	0.000269124	7.21121E+07	9.95412E+07	2708.152574	0	0	0	0	33.82950515
Orange	2027	Pleasure Craft - Sailboat Auxiliary Inboard Engine	Aggregate	500 Diesel	0	0.002049205	0.002066969	0.002255025	0.023721537	0.002265250	0.226440558	2.36325E+05	1.78556E+05	2.57615E+05	3.55040E+05	10102.73745	0	0	0	11.38479115
Orange	2027	Pleasure Craft - Sailboat Auxiliary Inboard Engine	Aggregate	500 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Sailboat Auxiliary Inboard Engine	Aggregate	750 Gasoline	0.000838692	0.008470789	0.009229294	0.039211109	0.003962805	0.424576046	4.43109E+05	3.34794E+05	4.8896E+06	6.74946E+06	19226.55234	0	0	0	0	11.38479115
Orange	2027	Pleasure Craft - Vessels W/inboard Engines	Aggregate	750 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Vessels W/inboard Engines	Aggregate	120 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Vessels W/inboard Engines	Aggregate	120 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Vessels W/inboard Engines	Aggregate	15 Gasoline	0.001131585	0.001142901	0.00124524	0.014110174	0.000529721	0.105793179	8.50731E+06	6.42775E+06	1.58128E+06	2.18276E+06	4920.116558	0	0	0	0	394.6549734
Orange	2027	Pleasure Craft - Vessels W/inboard Engines	Aggregate	15 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Vessels W/inboard Engines	Aggregate	175 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Vessels W/inboard Engines	Aggregate	175 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Vessels W/inboard Engines	Aggregate	25 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Vessels W/inboard Engines	Aggregate	25 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Vessels W/inboard Engines	Aggregate	250 Gasoline	0.015505132	0.015660015	0.017062451	0.132131878	0.013544208	1.474199015	0.000147151	0.000111181	1.67857E+05	2.31705E+05	64746.44837	0	0	0	0	307.1861805
Orange	2027	Pleasure Craft - Vessels W/inboard Engines	Aggregate	250 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Vessels W/inboard Engines	Aggregate	50 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Vessels W/inboard Engines	Aggregate	50 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Vessels W/inboard Engines	Aggregate	500 Gasoline	0.152756309	0.154283873	0.168099001	1.734651812	0.05944089	19.82379532	0.002068912	0.001563178	0.000220417	0.000304257	860930.4641	0	0	0	0	2879.310464
Orange	2027	Pleasure Craft - Vessels W/inboard Engines	Aggregate	500 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Vessels W/inboard Engines	Aggregate	750 Gasoline	0.000545441	0.000550895	0.000600224	0.009037932	0.000186338	0.140825047	1.46972E+05	1.11046E+05	1.48932E+06	2.05581E+06	5853.157954	0	0	0	0	12.27249447
Orange	2027	Pleasure Craft - Vessels W/inboard Engines	Aggregate	750 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Vessels W/inboard Jet Engines	Aggregate	120 Gasoline	0.031315732	0.033456988	0.036452847	0.101781281	0.00149108	0.340468497	0.00160458	0.00121235	5.91800E+06	8.16907E+06	22975.12242	0	0	0	0	225.7371702
Orange	2027	Pleasure Craft - Vessels W/inboard Jet Engines	Aggregate	120 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Vessels W/inboard Jet Engines	Aggregate	15 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Vessels W/inboard Jet Engines	Aggregate	175 Gasoline	0.006870434	0.006939139	0.007566043	0.063408212	0.002650539	0.330819654	0.000152232	0.000115019	4.34385E+06	5.99612E+06	16949.33512	0	0	0	0	134.045131
Orange	2027	Pleasure Craft - Vessels W/inboard Jet Engines	Aggregate	175 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Vessels W/inboard Jet Engines	Aggregate	25 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Vessels W/inboard Jet Engines	Aggregate	25 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Vessels W/inboard Jet Engines	Aggregate	250 Gasoline	0.02325446	0.023488	0.02559139	0.22775928	0.005970509	1.497034217	0.002336048	0.001765014	1.84020E+05	2.54023E+05	7271.551212	0	0	0	0	481.203862
Orange	2027	Pleasure Craft - Vessels W/inboard Jet Engines	Aggregate	250 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Vessels W/inboard Jet Engines	Aggregate	50 Gasoline	0.008533454	0.008818789	0.003139926	0.065580922	0.000600884	0.15664381	0.00139078	0.000150812	3.90813E+06	5.3887E+06	14700.70308	0	0	0	0	290.078163
Orange	2027	Pleasure Craft - Vessels W/inboard Jet Engines	Aggregate	50 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Vessels W/inboard Jet Engines	Aggregate	500 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Vessels W/inboard Jet Engines	Aggregate	500 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Vessels W/inboard Jet Engines	Aggregate	750 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Vessels W/inboard Jet Engines	Aggregate	750 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Vessels W/outboard Engines	Aggregate	120 Gasoline	0.522006649	0.522728735	0.57438675	2.006825855	0.073994041	10.43485986	0.04305334	0.032529196	0.000148048	0.000204046	574751.7469	0	0	0	0	3550.800066
Orange	2027	Pleasure Craft - Vessels W/outboard Engines	Aggregate	120 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Vessels W/outboard Engines	Aggregate	15 Gasoline	0.0077807687	0.078585764	0.085262613	0.31765588	0.00776837	1.077256233	0.004011359	0.003030804	2.0102E+05	2.77482E+05	68923.00064	0	0	0	0	749.466081
Orange	2027	Pleasure Craft - Vessels W/outboard Engines	Aggregate	15 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Vessels W/outboard Engines	Aggregate	175 Gasoline	0.248275081	0.250757831	0.273211581	1.2120031	0.043335475	5.851019942	0.02806398	0.021203895	8.21943E+05	0.00013459	321470.7349	0	0	0	0	1061.498625
Orange	2027	Pleasure Craft - Vessels W/outboard Engines	Aggregate	175 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Vessels W/outboard Engines	Aggregate	25 Gasoline	0.092349292	0.093272785	0.101624763	0.256895057	0.008946812	1.0302321	0.005523051	0.004172973	1.77825E+05	2.45465E+05	65678.73036	0	0	0	0	1487.133973
Orange	2027	Pleasure Craft - Vessels W/outboard Engines	Aggregate	25 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Vessels W/outboard Engines	Aggregate	250 Gasoline	0.235937509	0.238296835	0.25963483	1.245240996	0.075360501	7.471206695	0.053234331	0.040221503	9.70646E+05	0.00013473	382428.1928	0	0	0	0	1459.368385
Orange	2027	Pleasure Craft - Vessels W/outboard Engines	Aggregate	250 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Vessels W/outboard Engines	Aggregate	50 Gasoline	0.02201627	0.022282343	0.23847850	0.07016478	0.006550012	1.301133485	0.016260384	0.012285631	8.44146E+05	6.68301E+05	18393.6927	0	0	0	0	2229.805305
Orange	2027	Pleasure Craft - Vessels W/outboard Engines	Aggregate	50 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Vessels W/outboard Engines	Aggregate	500 Gasoline	0.01612729	0.010264406	0.11183516	0.385117686	0.047809803	5.70147974	0.012879585	0.009728455	7.82025E+05	0.000107948	307387.5241	0	0	0	0	613.7248359
Orange	2027	Pleasure Craft - Vessels W/outboard Engines	Aggregate	500 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Vessels W/outboard Engines	Aggregate	750 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Vessels W/outboard Engines	Aggregate	750 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Vessels W/sterndrive Engines	Aggregate	120 Gasoline	4.20559E+06	4.24705E+06	0.000004428	3.58473E+05	2.077794E+06	0.000692805	6.33103E+08	4.78348E+08	7.46281E+09	1.03014E+08	28.8482162	0	0	0	0	0.94665501
Orange	2027	Pleasure Craft - Vessels W/sterndrive Engines	Aggregate	120 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Vessels W/sterndrive Engines	Aggregate	15 Gasoline	0.00271802	0.002749012	0.63756919	0.04431714	0.00281006	0.342663940	0.05397E+05	3.80496E+05	5.13612E+05	0.07876E+05	17313.43343	0	0	0	0	1634.300263
Orange	2027	Pleasure Craft - Vessels W/sterndrive Engines	Aggregate	15 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027	Pleasure Craft - Vessels W/sterndrive Engines	Aggregate	175 Gasoline	0.00274635	0.020681198	0.022530367	0.231112236	0.005954662	4.006744976	0.000403087	0.000305455	4.00317E+05	5.93795E						

Orange	2027 Portable Equipment - Rental Compressor	Aggregate	300 Diesel	0.000142815	0.000127806	0.000205653	0.0002150809	0.000398814	1.122105035	2.37818E-05	2.18792E-05	1.03966E-05	9.18186E-06	36498.45311	8184.319719	14.70346193	2233576.222
Orange	2027 Portable Equipment - Rental Compressor	Aggregate	50 Diesel	7.17073E-06	8.67059E-06	1.03259E-05	0.000165322	0.000130121	0.027866027	6.05024E-07	5.56621E-07	2.38078E-07	2.2802E-07	906.3918652	1037.48878	18.86193118	49893.98815
Orange	2027 Portable Equipment - Rental Compressor	Aggregate	600 Diesel	0.00212398	0.00257606	0.00306732	0.001680035	0.008740464	15.78488971	0.000436484	0.000401566	0.000139245	5.13757E-07	59710.95231	107.733448	31440113.97	127.733448
Orange	2027 Portable Equipment - Rental Compressor	Aggregate	75 Diesel	2.59626E-05	3.14147E-05	3.73861E-05	0.000534871	0.00039748	0.080767463	4.001895E-06	3.69743E-06	7.47864E-07	6.60897E-07	2627.104744	2651.2851	4.76930302	160769.5174
Orange	2027 Portable Equipment - Rental Compressor	Aggregate	750 Diesel	0.000270582	0.000327404	0.000389637	0.000170361	0.000210392	1.619886338	0.00011414	0.000105009	1.50069E-05	1.32551E-05	52689.95063	5302.517001	9.526186605	3224441.411
Orange	2027 Portable Equipment - Rental Compressor	Aggregate	9999 Diesel	0.000163285	0.000197575	0.00023513	0.0002256138	0.003670591	1.190254359	6.08834E-05	5.60127E-05	1.10277E-05	9.73951E-06	38715.13051	2305.442174	4.141820263	2369229.038
Orange	2027 Portable Equipment - Rental Generator	Aggregate	100 Diesel	0.001644889	0.001990115	0.00238684	0.000223253	0.012522891	6.875467041	0.00117597	0.001074189	6.36801E-05	5.626E-06	22836.7394	149308.05965	98.36923124	1368577.137
Orange	2027 Portable Equipment - Rental Generator	Aggregate	175 Diesel	0.002815389	0.003406621	0.004054161	0.008174494	0.010169968	13.29401621	0.000428721	0.000394423	0.000123139	0.000108781	432411.46	187657.9088	123.6333348	26462049.07
Orange	2027 Portable Equipment - Rental Generator	Aggregate	300 Diesel	0.00624116	0.00789418	0.009394727	0.059639932	0.019380809	27.15979973	0.000983159	0.00094506	0.000251551	0.000222241	883420.5762	222863.4127	146.8275283	54062214.3
Orange	2027 Portable Equipment - Rental Generator	Aggregate	50 Diesel	6.14464E-06	7.43501E-06	8.84828E-06	8.87558E-05	5.4329E-05	0.008615387	2.11279E-06	1.94377E-06	7.96726E-08	7.04972E-08	280.2307037	314.348557	0.207091013	15425.80858
Orange	2027 Portable Equipment - Rental Generator	Aggregate	600 Diesel	0.00093932	0.011003658	0.01309532	0.0657377	0.020553577	41.88478665	0.001242418	0.001143024	0.00034771	0.000247211	1362374.246	207461.0048	136.6800865	83372484.66
Orange	2027 Portable Equipment - Rental Generator	Aggregate	75 Diesel	0.001348642	0.001631857	0.001942044	0.021265272	0.015298507	2.936022817	0.000239406	0.000220253	2.71739E-05	2.40246E-05	95499.34073	9175.7786	60.47057844	5844221.838
Orange	2027 Portable Equipment - Rental Generator	Aggregate	750 Diesel	0.001492321	0.0018056	0.002148813	0.012928305	0.002690307	6.068576117	0.000210558	0.000193714	5.62055E-06	4.96574E-05	19791.1834	18545.75649	12.21836978	12079642.18
Orange	2027 Portable Equipment - Rental Generator	Aggregate	9999 Diesel	0.001731299	0.020947761	0.024929566	0.157151782	0.279677832	76.99159152	0.005134728	0.00472395	0.000713124	0.000063	2504287.838	125733.9423	82.83840526	153253557.1
Orange	2027 Portable Equipment - Rental Other	Aggregate	50 Diesel	0.000217008	0.000237008	0.000303912	0.006465711	0.018175917	6.861528649	0.00017010	0.000156891	7.57922E-06	7.04964E-06	28022.74477	18845.68795	15.11764186	1714892.854
Orange	2027 Portable Equipment - Rental Other	Aggregate	175 Diesel	0.000898744	0.001087481	0.001294192	0.028170567	0.00358766	4.722254747	0.000175424	0.00061139	4.37441E-05	3.86409E-05	153559.687	72314.42464	55.0862095	938975.122
Orange	2027 Portable Equipment - Rental Other	Aggregate	300 Diesel	0.000812612	0.00098326	0.001170161	0.007091592	0.002092314	3.13860771	0.00010825	9.58998E-05	2.56823E-05	1.02088.77312	2.90677E-05	256823E-05	102088.77312	6247471.803
Orange	2027 Portable Equipment - Rental Other	Aggregate	50 Diesel	1.76264E-05	2.13328E-05	2.5382E-05	0.000290337	0.000191362	0.030200584	4.55831E-06	4.19364E-06	3.24081E-07	2.80563E-07	1139.100506	1631.152465	1.242546079	62704.18868
Orange	2027 Portable Equipment - Rental Other	Aggregate	600 Diesel	0.000545533	0.000576757	0.00738288	0.050566163	0.001217457	2.460993871	7.55969E-05	6.95492E-05	2.27949E-05	2.01176E-05	80048.1673	12505.502	48.99664.06	
Orange	2027 Portable Equipment - Rental Other	Aggregate	75 Diesel	9.00053823	0.000651259	0.000775052	0.010824802	0.008031591	1.623458386	9.02555E-05	8.32834E-05	1.50319E-05	1.32843E-05	52805.89107	45944.12693	34.99838122	3231531.741
Orange	2027 Portable Equipment - Rental Other	Aggregate	750 Diesel	0.000342197	0.000414059	0.000492764	0.00354885	0.000917242	1.766891104	6.98381E-05	6.42511E-05	1.63672E-05	1.4458E-05	57471.26168	5437.174785	4.141820263	3517037.919
Orange	2027 Portable Equipment - Rental Other	Aggregate	9999 Diesel	0.000375939	0.000454886	0.000541352	0.003395661	0.005895977	1.647454038	0.000145737	0.000134078	1.52592E-05	1.34806E-05	53586.35961	2718.587392	2.070910131	3279295.655
Orange	2027 Portable Equipment - Rental Pump	Aggregate	100 Diesel	0.000261513	0.000316431	0.000376579	0.008991214	0.001981112	1.15397423	0.000186339	0.00017432	1.06885E-05	9.44267E-06	3755.18519	27995.03944	27.33601174	2297020.559
Orange	2027 Portable Equipment - Rental Pump	Aggregate	175 Diesel	0.00043161	0.000522248	0.000625119	0.012246755	0.002196257	1.95303103	9.04344E-05	8.319E-05	1.80899E-05	1.59811E-05	63525.79255	27570.87218	26.92183171	3887553.779
Orange	2027 Portable Equipment - Rental Pump	Aggregate	300 Diesel	0.000606542	0.000723916	0.00087342	0.006165295	0.002918844	2.94805621	0.000119594	0.000110027	2.73077E-05	2.41231E-05	95890.74813	42048.86501	21.95164739	5868174.587
Orange	2027 Portable Equipment - Rental Pump	Aggregate	50 Diesel	6.39029E-06	7.73225E-06	9.20201E-06	6.29419E-05	5.301E-05	0.005812854	3.7891E-06	3.48597E-06	5.36883E-08	4.75649E-08	177933541	212.0836322	0.027091013	10407.88654
Orange	2027 Portable Equipment - Rental Pump	Aggregate	600 Diesel	0.000692341	0.000837733	0.000999971	0.008125873	0.002117835	4.181720113	0.000112724	0.000103706	3.87401E-05	3.42178E-05	136017.851	22488.86501	21.95164739	832881.336
Orange	2027 Portable Equipment - Rental Pump	Aggregate	75 Diesel	0.000221757	0.000270746	0.000322221	0.004898566	0.003833206	6.751889757	8.61008E-05	7.92127E-05	6.96264E-06	6.15255E-06	24456.54567	21208.36322	20.70910131	1456654.084
Orange	2027 Portable Equipment - Rental Pump	Aggregate	750 Diesel	9.37832E-05	0.000113478	0.000135048	0.000881895	0.000149086	0.424781112	1.30441E-05	1.20066E-05	3.93453E-06	3.47586E-06	13816.75779	1272.501793	1.242546079	845536.7022
Orange	2027 Recreational - All Terrain Vehicles (Atvs) Active	Aggregate	120 Gasoline	0.000415185	0.000419337	0.000456886	0.009303511	0.000220136	0.170700284	2.1588E-05	1.63109E-05	2.10973E-06	2.8119E-06	6966.05129	0	0	0
Orange	2027 Recreational - All Terrain Vehicles (Atvs) Active	Aggregate	15 Gasoline	0.000189608	0.000189608	0.000189608	0.002518798	5.22107E-05	0.036799295	5.82333E-06	4.4E-06	5.27168E-07	7.48597E-07	154.818429	0	72.32706215	0
Orange	2027 Recreational - All Terrain Vehicles (Atvs) Active	Aggregate	25 Gasoline	0.000199445	0.000110594	0.000120438	0.001052921	2.0509E-05	0.014307217	2.57388E-06	1.94472E-06	2.1718E-07	3.16403E-07	609.582886	0	33.78471486	0
Orange	2027 Recreational - All Terrain Vehicles (Atvs) Active	Aggregate	5 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027 Recreational - All Terrain Vehicles (Atvs) Active	Aggregate	50 Diesel	0.000906891	0.00091596	0.000997977	0.017866624	0.000393128	0.311476053	3.91788E-05	2.96018E-05	3.81268E-06	6.03526E-06	12782.54848	0	512.7541854	0
Orange	2027 Recreational - Golf Carts	Aggregate	120 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027 Recreational - Golf Carts	Aggregate	15 Gasoline	0.000265094	0.000237745	0.002492397	0.063792884	0.001793106	0.774922364	0.000172512	0.000130442	6.5032E-06	1.15908E-05	23936.56858	0	878.4884653	0
Orange	2027 Recreational - Golf Carts	Aggregate	25 Gasoline	0.000671138	0.000677785	0.000738547	0.018901596	0.00053129	0.229606598	5.11145E-05	3.86199E-05	1.92687E-06	3.42618E-06	9754.98268	0	1464.61409	0
Orange	2027 Recreational - Golf Carts	Aggregate	5 Gasoline	5.22178E-05	5.274E-05	5.74626E-05	0.001484442	4.14947E-05	0.008200236	3.97773E-06	3.0054E-06	2.06451E-07	1.41374E-07	399.6499818	0	20.91663013	0
Orange	2027 Recreational - Golf Carts	Aggregate	50 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027 Recreational - Minibikes	Aggregate	120 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027 Recreational - Minibikes	Aggregate	15 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027 Recreational - Minibikes	Aggregate	25 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027 Recreational - Minibikes	Aggregate	50 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027 Recreational - Minibikes	Aggregate	120 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027 Recreational - Off-Road Motorcycles Active	Aggregate	50 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027 Recreational - Off-Road Motorcycles Active	Aggregate	15 Gasoline	0.004471823	0.004516643	0.004921079	0.023739462	0.000167612	0.180821155	6.52589E-05	4.93068E-05	3.39151E-06	3.91699E-06	8720.810116	0	294.964782	0
Orange	2027 Recreational - Off-Road Motorcycles Active	Aggregate	25 Gasoline	0.000407969	0.000412048	0.000448945	0.00485635	5.99204E-05	0.03459362	1.0485E-05	0.00007922	9.95998E-07	9.88061E-07	1628.518	0	79.72020661	0
Orange	2027 Recreational - Off-Road Motorcycles Active	Aggregate	50 Gasoline	0.001231978	0.001244298	0.001355717	0.002903371	1.40301E-05	0.013597016	1.4932E-05	1.1282E-05	5.07104E-07	4.97812E-07	837.6348112	0	35.29145628	0
Orange	2027 Recreational - Off-Road Motorcycles Active	Aggregate	5 Gasoline	0.00129904	0.00121203	0.001429514	0.00826892	4.03398E-05	0.048484948	3.72857E-05	2.81715E-05	1.43024E-06	1.54967E-06	2499.429081	0	120.282501	0
Orange	2027 Recreational - Off-Road Motorcycles Active	Aggregate	170 Gasoline	0.00590341	0.00596244	0.006490343	0.019398444	0.00015227	0.137987676	7.45203E-05	5.63042E-05	3.62882E-06	3.81104E-06	7033.738738	0	248.8358474	0
Orange	2027 Recreational - Snowmobiles Active	Aggregate	120 Gasoline	0	0	0	0	0	0	0	0	0	0	2.63437E-09	0	0	0
Orange	2027 Recreational - Snowmobiles Active	Aggregate	15 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027 Recreational - Snowmobiles Active	Aggregate	25 Gasoline	0	0	0	0	0	0	0	0	0	0	2.19531E-09	0	0	0
Orange	2027 Recreational - Snowmobiles Active	Aggregate	75 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2027 Recreational - Snowmobiles Active	Aggregate	50 Gasoline	0	0	0	0	0	0	0	0	0	0	1.71234E-08	0	0	0
Orange	2027 Transport Refrigeration Unit - Instate Genset	Aggregate	25 Diesel	0.000552045	0.00563402	0.00079437											

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Equipment Type	Horsepower HP	Gas				Diesel				Natural Gas			
		Fuel (Gal/Yr)	Population	Hrs/Yr	Gal/Hr	Fuel (Gal/Yr)	Population	Hrs/Yr	Gal/Hr	Fuel (Gal/Yr)	Population	Hrs/Yr	Gal/Hr
Air Compressors25	Air Compressors	25	53965.78436	192.2993225	0	0	4925.625562	9.335795878	0	0	0	0	0
Air Compressors50	Air Compressors	50	53490.75	49.17	23765.15	2.250806328	93549.5	112.77	91793.85	1.019126009	0	0	0
Air Compressors75	Air Compressors	75	0	0	0	0	0	0	0	0	0	0	0
Air Compressors100	Air Compressors	100	389153	159.4	77051.5	3.757273828	0	0	0	0	0	0	0
Air Compressors175	Air Compressors	175	35470.7	10.74	5179.35	6.848484848	0	0	0	0	0	0	0
Air Compressors300	Air Compressors	300	0	0	0	0	0	0	0	0	0	0	0
Air Compressors600	Air Compressors	600	0	0	0	0	0	0	0	0	0	0	0
Air Compressors750	Air Compressors	750	0	0	0	0	0	0	0	0	0	0	0
Air Compressors9999	Air Compressors	9999	0	0	0	0	0	0	0	0	0	0	0
Aerial Lifts25	Aerial Lifts	25	26312.44632	158.5446508	0	0	211.3001161	98.5667164	0	0	4152.730068	67.16535287	0
Aerial Lifts50	Aerial Lifts	50	74668.05	130.25	47055.8	1.586798014	74685.74091	373.1221155	87099.28037	0.857478278	0	0	0
Aerial Lifts75	Aerial Lifts	75	0	0	0	0	14641.9951	406.8462309	0	0	1.1717849	0	0
Aerial Lifts100	Aerial Lifts	100	134126.55	130.25	47055.8	2.850372324	29407.73824	70.27289004	20067.73002	1.465424251	0	0	0
Aerial Lifts175	Aerial Lifts	175	0	0	0	0	41495.57233	49.74698836	22275.68826	1.862818865	0	0	0
Aerial Lifts300	Aerial Lifts	300	0	0	0	0	871.5215697	0.58909458	237.885971	3.63610619	0	0	0
Aerial Lifts600	Aerial Lifts	600	0	0	0	0	526.0557036	0.23567382	88.27520488	5.891299876	0	0	0
Bore/Drill rigs25	Bore/Drill rigs	25	1425.19873	16.30314857	0	0	72.61020513	11.42397133	0	0	0	0	0
Bore/Drill rigs50	Bore/Drill rigs	50	693.5	2.52	273.75	2.533333333	2983.896588	5.17725752	2442.336868	1.221738339	0	0	0
Bore/Drill rigs75	Bore/Drill rigs	75	0	0	0	0	10823.72107	12.06070554	5832.558366	1.855741579	0	0	0
Bore/Drill rigs100	Bore/Drill rigs	100	7858.45	11.5	1226.4	6.407738095	8390.148218	6.37810044	3281.607153	2.544530112	0	0	0
Bore/Drill rigs175	Bore/Drill rigs	175	2744.8	2.85	306.6	8.952280952	57478.90307	25.27345697	16388.14891	3.515927301	0	0	0
Bore/Drill rigs300	Bore/Drill rigs	300	0	0	0	0	67569.70476	19.77535676	12203.77887	5.536785408	0	0	0
Bore/Drill rigs600	Bore/Drill rigs	600	0	0	0	0	97024.10953	16.99193787	9843.03003	9.857138426	0	0	0
Bore/Drill rigs750	Bore/Drill rigs	750	0	0	0	0	40229.63162	4.421479838	2507.376396	16.0451257	0	0	0
Bore/Drill rigs9999	Bore/Drill rigs	9999	0	0	0	0	12948.18193	1.07409651	625.4652302	20.70168141	0	0	0
Cement and Mortar Mixers25	Cement and Mortar Mixers	25	741.6337324	10.95084401	0	0	20.76383217	8.041105664	0	0	0	0	0
Cement and Mortar Mixers50	Cement and Mortar Mixers	50	0	0	0	0	0	0	0	0	0	0	0
Cement and Mortar Mixers75	Cement and Mortar Mixers	75	0	0	0	0	0	0	0	0	0	0	0
Cement and Mortar Mixers100	Cement and Mortar Mixers	100	0	0	0	0	0	0	0	0	0	0	0
Cement and Mortar Mixers175	Cement and Mortar Mixers	175	0	0	0	0	0	0	0	0	0	0	0
Cement and Mortar Mixers300	Cement and Mortar Mixers	300	0	0	0	0	0	0	0	0	0	0	0
Cement and Mortar Mixers600	Cement and Mortar Mixers	600	0	0	0	0	0	0	0	0	0	0	0
Cement and Mortar Mixers750	Cement and Mortar Mixers	750	0	0	0	0	0	0	0	0	0	0	0
Cement and Mortar Mixers9999	Cement and Mortar Mixers	9999	0	0	0	0	0	0	0	0	0	0	0
Concrete/Industrial Saws25	Concrete/Industrial Saws	25	24445.75778	119.1952325	0	0	14.19675408	2.96909052	0	0	0	0	0
Concrete/Industrial Saws50	Concrete/Industrial Saws	50	15771.65	9.33	5701.3	2.766325224	4964	6.21	3595.25	1.38071066	0	0	0
Concrete/Industrial Saws75	Concrete/Industrial Saws	75	0	0	0	0	0	0	0	0	0	0	0
Concrete/Industrial Saws100	Concrete/Industrial Saws	100	15388.4	5.35	3266.75	4.710614525	0	0	0	0	0	0	0
Concrete/Industrial Saws175	Concrete/Industrial Saws	175	0	0	0	0	0	0	0	0	0	0	0
Concrete/Industrial Saws300	Concrete/Industrial Saws	300	0	0	0	0	0	0	0	0	0	0	0
Concrete/Industrial Saws600	Concrete/Industrial Saws	600	0	0	0	0	0	0	0	0	0	0	0
Concrete/Industrial Saws750	Concrete/Industrial Saws	750	0	0	0	0	0	0	0	0	0	0	0
Concrete/Industrial Saws9999	Concrete/Industrial Saws	9999	0	0	0	0	0	0	0	0	0	0	0
Cranes25	Cranes	25	0	0	0	0	199.8336307	0.126262982	19.76306025	10.11147202	0	0	0
Cranes50	Cranes	50	2325.05	2.85	1186.25	1.96	671.5690951	1.643167973	321.9607978	2.11041068	0	0	0
Cranes75	Cranes	75	0	0	0	0	2026.44981	4.864898286	895.7055167	2.262406307	0	0	0
Cranes100	Cranes	100	7832.9	5.69	2365.2	3.311728395	4688.085065	9.547038453	1868.411571	2.509128684	0	0	0
Cranes175	Cranes	175	500.05	0.16	83.95	5.956521739	32494.64551	42.92305115	11355.90788	2.861474913	0	0	0
Cranes300	Cranes	300	0	0	0	0	95393.16274	96.53538759	24739.06481	3.850992707	0	0	0
Cranes600	Cranes	600	0	0	0	0	128684.7661	72.14097196	29521.61173	6.27064901	0	0	0
Cranes750	Cranes	750	0	0	0	0	19739.97988	8.903972183	2096.107813	9.471444925	0	0	0
Cranes9999	Cranes	9999	0	0	0	0	6499.454314	2.086714189	507.2304474	12.81361233	0	0	0
Crawler Tractors25	Crawler Tractors	25	0	0	0	0	0	0	0	0	0	0	0
Crawler Tractors50	Crawler Tractors	50	0	0	0	0	1906.176347	5.421020784	1480.749853	1.287304769	0	0	0
Crawler Tractors75	Crawler Tractors	75	0	0	0	0	13697.28967	21.53677589	6465.973366	2.118364691	0	0	0
Crawler Tractors100	Crawler Tractors	100	0	0	0	0	47216.92602	54.19938843	15204.03678	2.458697958	0	0	0
Crawler Tractors175	Crawler Tractors	175	0	0	0	0	156057.7744	111.2797459	51220.32363	3.046793994	0	0	0
Crawler Tractors300	Crawler Tractors	300	0	0	0	0	188503.0059	90.14319968	39277.0895	4.799312141	0	0	0
Crawler Tractors600	Crawler Tractors	600	0	0	0	0	323439.3696	90.09116705	39620.66477	8.163400878	0	0	0
Crawler Tractors750	Crawler Tractors	750	0	0	0	0	20910.3023	4.116135007	1625.365839	12.86498203	0	0	0
Crawler Tractors9999	Crawler Tractors	9999	0	0	0	0	32780.98869	4.870567699	1933.576788	16.95354893	0	0	0
Crushing/Proc. Equipment25	Crushing/Proc. Equipment	25	260.882916	1.335783224	0	0	0	0	0	0	0	0	0
Crushing/Proc. Equipment50	Crushing/Proc. Equipment	50	0	0	0	0	0	0	0	0	0	0	0
Crushing/Proc. Equipment75	Crushing/Proc. Equipment	75	0	0	0	0	0	0	0	0	0	0	0
Crushing/Proc. Equipment100	Crushing/Proc. Equipment	100	0	0	0	0	0	0	0	0	0	0	0
Crushing/Proc. Equipment175	Crushing/Proc. Equipment	175	0	0	0	0	0	0	0	0	0	0	0
Crushing/Proc. Equipment300	Crushing/Proc. Equipment	300	0	0	0	0	0	0	0	0	0	0	0
Crushing/Proc. Equipment600	Crushing/Proc. Equipment	600	0	0	0	0	0	0	0	0	0	0	0
Crushing/Proc. Equipment750	Crushing/Proc. Equipment	750	0	0	0	0	0	0	0	0	0	0	0
Crushing/Proc. Equipment9999	Crushing/Proc. Equipment	9999	0	0	0	0	0	0	0	0	0	0	0
Dumpers/Tenders25	Dumpers/Tenders	25	1822.516364	31.12783346	0	0	10.27271063	4.152168154	0	0	0	0	0
Dumpers/Tenders100	Dumpers/Tenders	100	657	2.07	259.15	2.535211268	0	0	0	0	0	0	0
Excavators25	Excavators	25	0	0	0	0	173.1652115	6.574337839	24.91177881	6.951135176	0	0	0
Excavators50	Excavators	50	0	0	0	0	173087.0445	471.8159933	219908.2652	0.78708749	0	0	0
Excavators75	Excavators	75	0	0	0	0	134148.295	195.1545567	99912.55866	1.342056988	0	0	0
Excavators100	Excavators	100	0	0	0	0	106388.6384	102.7398463	53789.48866	1.977870418	0	0	0
Excavators175	Excavators	175	0	0	0	0	585807.4067	291.9202751	207261.3565	2.826418859	0	0	0
Excavators300	Excavators	300	0	0	0	0	622209.5274	217.5138647	139132.8275	4.472054069	0	0	0
Excavators600	Excavators	600	0	0	0	0	712369.8645	151.6400148	100179.8736	7.110908001	0	0	0
Excavators750	Excavators	750	0	0	0	0	20212.62056	3.162177792	1682.288192	12.02684573	0	0	0
Excavators9999	Excavators	9999	0	0	0	0	97882.90925	5.878910227	3353.499848	29.18828498	0	0	0
Forklifts25	Forklifts	25	500.642997	1.221784912	0	0	71.82229976	0.171818916	38.52309899	1.86439617	451.5346942	2.311656365	0
Forklifts50	Forklifts	50	1248847.1	436.75	78363.1	1.593708079	39549.44769	12.7279981	65640.45181	0.620312036	818.1	147450	1.335010760
Forklifts75	Forklifts	75	0	0	0	0	409877.5619	1151.94549	466716.0485	0.87821613	0	0	0
Forklifts100	Forklifts	100	5827761.55	1556.9	2759991.3	2.11514464	285020.0976	617.796006	244995.9361	1.163366634	12319563.95	2872.66	5175258.35
Forklifts175	Forklifts	175	407688.1	56.81	100660.45	4.042051171	990518.395	1112.77656	630282.4915	1.57154674	924643.55	105.12	189393.9
Forklifts300	Forklifts	300	0	0	0	0	98037.94395	51.82132965	48431.34414	2.10938817	0	0	0
Forklifts600	Forklifts	600	0	0	0	0	17501.20489	9.74022055	4873.90424	3.590797856	0	0	0
Forklifts750	Forklifts	750	0	0	0	0	1563.604722	0.416594884	194.6982767	8.030911978	0	0	0
Forklifts9999	Forklifts	9999	0	0	0	0	23080.80946	2.357343904	1154.977298	19.9837776	0	0	0
Generator Sets25	Generator Sets	25	81845.42886	813.3149414	0	0	905586.0523	339.2569793	0	0	0	0	0
Generator Sets50	Generator Sets	50	411406.1	1617.6	185788.65	2.214376928	257795.85	547.36	184770.3	1.395223421	0	0	0
Generator Sets75	Generator Sets												

Off-Highway Tractors600	Off-Highway Tractors	600	0	0	0	0	0	150585.4555	20.34350422	18623.04819	8.085972502	0	0	0	0
Off-Highway Tractors750	Off-Highway Tractors	750	0	0	0	0	0	12263.44886	1.326010867	964.0874997	12.72016187	0	0	0	0
Off-Highway Tractors9999	Off-Highway Tractors	9999	0	0	0	0	0	11056.74884	0.443105236	344.1851333	32.15345804	0	0	0	0
Off-Highway Trucks25	Off-Highway Trucks	25	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-Highway Trucks50	Off-Highway Trucks	50	0	0	0	0	0	1278.335737	3.283107836	2051.663294	0.62307287	0	0	0	0
Off-Highway Trucks75	Off-Highway Trucks	75	0	0	0	0	0	1527.237702	1.64182831	886.395401	1.722975662	0	0	0	0
Off-Highway Trucks100	Off-Highway Trucks	100	0	0	0	0	0	654.8078279	0.568183419	360.0199921	1.81889931	0	0	0	0
Off-Highway Trucks175	Off-Highway Trucks	175	0	0	0	0	0	33360.2619	12.25426776	11138.04907	2.995162051	0	0	0	0
Off-Highway Trucks300	Off-Highway Trucks	300	0	0	0	0	0	76562.36824	24.32035047	17970.07956	4.260547078	0	0	0	0
Off-Highway Trucks600	Off-Highway Trucks	600	0	0	0	0	0	561209.6802	83.44535155	987.972.6419	8.113174006	0	0	0	0
Off-Highway Trucks750	Off-Highway Trucks	750	0	0	0	0	0	70246.01823	10.83722238	6278.092144	11.24050869	0	0	0	0
Off-Highway Trucks9999	Off-Highway Trucks	9999	0	0	0	0	0	255075.8	18.92310822	12617.20249	20.21650988	0	0	0	0
Pavers25	Pavers	25	4839.986886	16.89137275	0	0	0	19.32442778	2.573427864	0	0	0	0	0	0
Pavers50	Pavers	50	7391.25	8.08	3175.5	2.327586207	3370.394395	8.397663724	3009.371518	1.119966024	0	0	0	0	0
Pavers75	Pavers	75	0	0	0	0	0	14864.23231	21.78427968	8474.979129	1.71849772	0	0	0	0
Pavers100	Pavers	100	6602.85	4.44	1737.4	3.8004203168	15287.08634	6.73591413	7312.163862	2.000637821	0	0	0	0	0
Pavers175	Pavers	175	0	0	0	0	0	49204.11824	29.61963131	16343.15802	3.010686073	0	0	0	0
Pavers300	Pavers	300	0	0	0	0	0	58756.47456	21.91215144	12205.96164	4.813752189	0	0	0	0
Pavers600	Pavers	600	0	0	0	0	0	10351.7747	2.274400230	1318.875987	7.848094025	0	0	0	0
Pavers750	Pavers	750	0	0	0	0	0	423.2312451	0.063131401	31.70811117	13.34772806	0	0	0	0
Pavers9999	Pavers	9999	0	0	0	0	0	9718.513211	0.441920437	236.0922114	41.16405684	0	0	0	0
Paving Equipment25	Paving Equipment	25	5308.499312	40.8584783	0	0	0	32.71140229	6.374800605	0	0	0	0	0	0
Paving Equipment50	Paving Equipment	50	8610.35	22.1	3872.65	2.223747175	7315.774173	23.23607713	8910.768505	0.821003729	0	0	0	0	0
Paving Equipment75	Paving Equipment	75	0	0	0	0	0	5425.407315	9.15548028	3741.820394	1.450272114	0	0	0	0
Paving Equipment100	Paving Equipment	100	3555.1	5.68	989.15	3.594095941	8945.561427	10.42786972	4501.002184	1.987459917	0	0	0	0	0
Paving Equipment175	Paving Equipment	175	0	0	0	0	0	54172.65193	33.66100433	21880.05233	2.475892247	0	0	0	0
Paving Equipment300	Paving Equipment	300	0	0	0	0	0	24296.23268	10.67569286	5730.287224	4.239967689	0	0	0	0
Paving Equipment600	Paving Equipment	600	0	0	0	0	0	57100.36416	15.412222305	8885.536289	4.02426745	0	0	0	0
Paving Equipment750	Paving Equipment	750	0	0	0	0	0	12328.18203	2.083393003	1067.271777	11.55111781	0	0	0	0
Paving Equipment9999	Paving Equipment	9999	0	0	0	0	0	7731.057592	0.820709383	426.0916271	18.14411995	0	0	0	0
Rollers25	Rollers	25	16037.85288	88.0597494	0	0	0	230.3336772	50.67346162	0	0	0	0	0	0
Rollers50	Rollers	50	9796.4	5.69	3533.2	2.772727271	6	82842.7958	216.108513	85253.31146	0.97171173	0	0	0	0
Rollers75	Rollers	75	0	0	0	0	0	29428.25167	47.99054509	17914.6014	1.642696425	0	0	0	0
Rollers100	Rollers	100	30174.55	10.69	6650.3	4.537321625	45949.96413	56.9859973	21757.54371	2.11190954	0	0	0	0	0
Rollers175	Rollers	175	0	0	0	0	0	236668.3942	154.3843147	91316.87	2.591159454	0	0	0	0
Rollers300	Rollers	300	0	0	0	0	0	20947.37045	10.24518718	4699.470240	1.76137189	0	0	0	0
Rollers600	Rollers	600	0	0	0	0	0	16099.26409	4.428525515	2206.800349	7.295297058	0	0	0	0
Rollers750	Rollers	750	0	0	0	0	0	397.1106496	0.063131491	28.89290913	13.74422519	0	0	0	0
Rollers9999	Rollers	9999	0	0	0	0	0	17378.50682	0.820709383	388.0327216	44.78624095	0	0	0	0
Rough Terrain Forklifts25	Rough Terrain Forklifts	25	0	0	0	0	0	0	0	0	0	0	0	0	0
Rough Terrain Forklifts50	Rough Terrain Forklifts	50	3160.9	2.3	934.4	3.3828125	2370.19901	7.82927345	2095.920647	1.130862952	0	0	0	0	0
Rough Terrain Forklifts75	Rough Terrain Forklifts	75	0	0	0	0	0	84604.48633	159.934013	51647.87795	1.638101887	0	0	0	0
Rough Terrain Forklifts100	Rough Terrain Forklifts	100	68160.1	32.3	13359	5.102185792	65380.6254	91.61292213	29341.572	2.22825912	0	0	0	0	0
Rough Terrain Forklifts175	Rough Terrain Forklifts	175	388.9	1.1	481.8	7.96969697	28055.4001	342.2928237	3545.2545	4.68102633	0	0	0	0	0
Rough Terrain Forklifts300	Rough Terrain Forklifts	300	0	0	0	0	0	3256.985956	1.95732687	749.331697	4.23091538	0	0	0	0
Rough Terrain Forklifts600	Rough Terrain Forklifts	600	0	0	0	0	0	894.6010406	0.31588706	132.8599043	6.733416264	0	0	0	0
Rough Terrain Forklifts750	Rough Terrain Forklifts	750	0	0	0	0	0	297.7249508	0.063180992	23.60083013	12.61502029	0	0	0	0
Rough Terrain Forklifts9999	Rough Terrain Forklifts	9999	0	0	0	0	0	0	0	0	0	0	0	0	0
Rubber Tired Dozers25	Rubber Tired Dozers	25	0	0	0	0	0	0	0	0	0	0	0	0	0
Rubber Tired Dozers50	Rubber Tired Dozers	50	0	0	0	0	0	830.8053946	1.140614379	440.7001462	1.885194279	0	0	0	0
Rubber Tired Dozers75	Rubber Tired Dozers	75	0	0	0	0	0	1785.962474	1.897783211	881.2568207	2.026608399	0	0	0	0
Rubber Tired Dozers100	Rubber Tired Dozers	100	0	0	0	0	0	317.3122556	3.159291728	1417.844246	2.278133279	0	0	0	0
Rubber Tired Dozers175	Rubber Tired Dozers	175	0	0	0	0	0	913.9406316	5.242120945	3081.4275	2.75601951	0	0	0	0
Rubber Tired Dozers300	Rubber Tired Dozers	300	0	0	0	0	0	11022.80975	4.232536397	2420.745569	4.553477196	0	0	0	0
Rubber Tired Dozers600	Rubber Tired Dozers	600	0	0	0	0	0	60876.02052	15.45413722	8615.892278	7.065550329	0	0	0	0
Rubber Tired Dozers750	Rubber Tired Dozers	750	0	0	0	0	0	1948.507759	0.3164214	168.224152	11.58806265	0	0	0	0
Rubber Tired Dozers9999	Rubber Tired Dozers	9999	0	0	0	0	0	4806.727732	0.315657455	182.781916	26.29761161	0	0	0	0
Scrapers25	Scrapers	25	0	0	0	0	0	0	0	0	0	0	0	0	0
Scrapers50	Scrapers	50	0	0	0	0	0	148.8204954	0.315983768	80.58507151	1.846750181	0	0	0	0
Scrapers75	Scrapers	75	0	0	0	0	0	1549.125634	2.463181751	652.05442	2.375616265	0	0	0	0
Scrapers100	Scrapers	100	0	0	0	0	0	1585.019841	1.955014557	609.4705240	2.800060526	0	0	0	0
Scrapers175	Scrapers	175	0	0	0	0	0	14586.40238	11.8740205	3496.154131	4.17208022	0	0	0	0
Scrapers300	Scrapers	300	0	0	0	0	0	185467.9008	93.76364545	30810.78743	6.019576786	0	0	0	0
Scrapers600	Scrapers	600	0	0	0	0	0	656029.507	195.7795002	65841.51141	9.963767431	0	0	0	0
Scrapers750	Scrapers	750	0	0	0	0	0	101365.9352	29.5717145	7966.881054	12.72431517	0	0	0	0
Scrapers9999	Scrapers	9999	0	0	0	0	0	0	0	0	0	0	0	0	0
Skid Steer Loaders25	Skid Steer Loaders	25	38046.98992	215.6982692	0	0	0	3744.005877	663.9125077	0	0	0	0	0	0
Skid Steer Loaders50	Skid Steer Loaders	50	45968.1	77.65	24090	1.908181818	72385.40779	185.7656176	71550.57968	1.001667664	0	0	0	0	0
Skid Steer Loaders75	Skid Steer Loaders	75	0	0	0	0	0	45935.5304	72.65962638	121197.2688	4.240872957	0	0	0	0
Skid Steer Loaders100	Skid Steer Loaders	100	61487.9	66.46	14413.8	4.265890909	235304.4319	282.4493034	132107.8194	1.78154462	0	0	0	0	0
Skid Steer Loaders175	Skid Steer Loaders	175	0	0	0	0	0	66693.94322	48.93069104	31720.82738	2.102528488	0	0	0	0
Skid Steer Loaders300	Skid Steer Loaders	300	0	0	0	0	0	5516.711292	2.651745626	1422.211887	3.878965817	0	0	0	0
Skid Steer Loaders600	Skid Steer Loaders	600	0	0	0	0	0	3796.761137	0.75757892	430.2308883	8.842946217	0	0	0	0
Skid Steer Loaders750	Skid Steer Loaders	750	0	0	0	0	0	384.0304227	0.063131401	32.04876929	11.98276826	0	0	0	0
Skid Steer Loaders9999	Skid Steer Loaders	9999	0	0	0	0	0	27318.5222	1.388892802	654.033264	41.7693122	0	0	0	0
Surfacing Equipment25	Surfacing Equipment	25	1515.596898	8.09836231	0	0	0	0	0	0	0	0	0	0	0
Surfacing Equipment50	Surfacing Equipment	50	0	0	0	0	0	1013.640772	2.147429307	1014.62949	0.99902538	0	0	0	0
Surfacing Equipment75	Surfacing Equipment	75	0	0	0	0	0	1295.247527	2.085232273	1009.672047	1.383215932	0	0	0	0
Surfacing Equipment100	Surfacing Equipment	100	0	0	0	0	0	1758.345441	1.961302782	930.2617654	1.890162002	0	0	0	0
Surfacing Equipment175	Surfacing Equipment	175	0	0	0	0	0	6467.955623	4.737657141	3056.466706	2.116154451	0	0	0	0
Surfacing Equipment300	Surfacing Equipment	300	0	0	0	0	0	7242.844865	3.604950941	1982.044955	3.65422835	0	0	0	0
Surfacing Equipment600	Surfacing Equipment	600	0	0	0	0	0	40971.01108	10.79895903	6984.268339	5.86118513	0	0	0	0
Surfacing Equipment750	Surfacing Equipment	750	0</												

Calendar Year		Vehicle Category	Model Year	Horsepower	BI Fuel	HC, Lpd	CO, Lpd	NOx, Lpd	CO ₂ , Lpd	PM10, Lpd	PM2.5, Lpd	Soot, Lpd	NH ₃ , Lpd	Fuel Consumption, Lpd	Activity, Total	Population	Horsepower, Hhpy		
Orange	2020	Agricultural - Agricultural Tractors	Aggregate	100	Gasoline	7.25309E-07	0.00154112	0.00183403	0.01120708	0.01087187	2.1582235E-05	0.00010847	0.00074595	1.97034E-05	70.0007355	321.7173	7,246,070	0.0007355	
Orange	2020	Agricultural - Agricultural Tractors	Aggregate	100	Gasoline	0.001273655	0.000173655	0.000173655	0.000173655	0.000173655	0.000173655	0.000173655	0.000173655	0.000173655	0.000173655	20.000173655	321.7173	0.000173655	
Orange	2020	Agricultural - Agricultural Tractors	Aggregate	175	Gasoline	7.5995E-08	0.1954E-08	1.00433E-07	1.27037E-06	5.65898E-07	7.97213E-05	5.99712E-05	5.51733E-05	7.24284E-05	6.49974E-05	2.58683672	889,019677	0.000106086	
Orange	2020	Agricultural - Agricultural Tractors	Aggregate	175	Gasoline	0.000487373	0.000587373	0.000609455	0.00054237	0.000465234	0.994211199	0.00021751	0.00019963	0.07039196	8.15344E-06	3238.47962	2497.49335	13.52217532	
Orange	2020	Agricultural - Agricultural Tractors	Aggregate	25	Gasoline	1.2961E-05	1.2961E-05	1.44427E-05	1.49877E-05	4.38874E-05	2.40875E-05	2.40875E-05	2.40875E-05	2.40875E-05	2.40875E-05	2.40875E-05	91.33043751	0.259868437	
Orange	2020	Agricultural - Agricultural Tractors	Aggregate	25	Gasoline	0.0001316	0.00015326	0.000189504	0.00051005	0.00037004	0.04683671	2.20456E-05	2.02819E-05	2.58088E-07	1.38454E-07	15.22770E-06	420,45982	0.457480848	
Orange	2020	Agricultural - Agricultural Tractors	Aggregate	300	Gasoline	0.000188633	0.000228245	0.000271631	0.000432758	0.000412758	6.61437E-05	5.22868E-05	6.34919E-05	5.68024E-06	2.57593005	1527.49946	3.214363189	84924.13059	
Orange	2020	Agricultural - Agricultural Tractors	Aggregate	50	Gasoline	3.6812E-05	0.45428E-07	5.30096E-07	1.25719E-05	9.84852E-07	0.000314048	2.36425E-08	2.17345E-08	2.85112E-09	2.56046E-09	10.1776634	53.5688412	0.038175491	
Orange	2020	Agricultural - Agricultural Tractors	Aggregate	50	Gasoline	0.002373568	0.000133568	0.000133568	0.000133568	0.000133568	0.000133568	0.000133568	0.000133568	0.000133568	0.000133568	0.000133568	37127.90554	2809.094903	0.42004788
Orange	2020	Agricultural - Agricultural Tractors	Aggregate	600	Gasoline	7.1082E-05	0.000171051	0.000139386	0.000726588	0.000623398	0.750327218	2.84993E-05	3.18932E-06	3.02036E-06	12036.6006	1063.73206	1.021891917	47825.606	
Orange	2020	Agricultural - Agricultural Tractors	Aggregate	75	Gasoline	4.31898E-08	5.22568E-08	6.21927E-08	7.54787E-07	1.49228E-07	2.32849E-07	1.75162E-09	1.61149E-09	1.89843E-10	0.754638963	14.023503	0.000334548	20.13929737	
Orange	2020	Agricultural - Agricultural Tractors	Aggregate	75	Gasoline	0.001059345	0.000182608	0.0002173457	0.000852346	0.01261636	1.19152882	0.000779599	0.00077562	1.09381E-06	3.979494E-06	38756.58789	2665.610055	35.2645374	
Orange	2020	Agricultural - Agricultural Tractors	Aggregate	75	Gasoline	0.000133568	0.000133568	0.000133568	0.000133568	0.000133568	0.000133568	0.000133568	0.000133568	0.000133568	0.000133568	0.000133568	0.000133568	0.000133568	
Orange	2020	Agricultural - ATVs	Aggregate	100	Gasoline	1.22053E-05	1.47684E-05	1.75756E-05	0.000645129	5.08589E-05	0.045226846	3.40223E-05	3.13005E-05	4.11822E-07	3.63787E-07	1465.75584	52,6197922	1.86343616	
Orange	2020	Agricultural - ATVs	Aggregate	175	Gasoline	1.40272E-05	1.69729E-05	2.01991E-05	0.000844809	5.34625E-05	0.05869023	4.94006E-05	4.45631E-06	5.98181E-07	5.53502E-07	1228.6514	29,6125739	1.64854306	
Orange	2020	Agricultural - ATVs	Aggregate	175	Gasoline	3.66523E-08	4.43492E-08	5.27398E-08	8.88069E-07	3.03809E-07	0.000161648	1.25644E-08	1.15519E-08	1.47748E-09	1.32272E-09	5.25789447	171.1888205	0.00241344	
Orange	2020	Agricultural - ATVs	Aggregate	25	Gasoline	0.00146237E-05	0.000151623E-05	0.000189001E-05	0.00051005E-05	0.00037004E-05	0.04683671E-05	2.20456E-05E-05	2.02819E-05E-05	2.58088E-07E-05	1.38454E-07E-05	15.22770E-06E-05	420,45982E-05	0.457480848E-05	
Orange	2020	Agricultural - ATVs	Aggregate	25	Gasoline	2.30549E-05	7.7864E-05	3.31991E-05	0.000240742	0.000237667	0.000352607	0.029E-05	0.38068E-06	0.33469E-07	2.9893E-07	1188.23772	284.126284	3.53572858	
Orange	2020	Agricultural - ATVs	Aggregate	25	Gasoline	0.000133568	0.000133568	0.000133568	0.000133568	0.000133568	0.000133568	0.000133568	0.000133568	0.000133568	0.000133568	0.000133568	0.000133568	0.000133568	
Orange	2020	Agricultural - ATVs	Aggregate	50	Gasoline	2.90355E-05	3.56992E-05	4.2488E-05	0.00180343	7.78627E-05	0.067414807	5.07134E-06	4.66538E-06	6.13519E-07	5.49638E-07	2184.84491	199.128785	7.468512078	
Orange	2020	Agricultural - ATVs	Aggregate	50	Gasoline	5.84383E-06	7.07403E-06	8.41511E-06	0.000807426	0.003057784	0.107742662	1.50204E-06	8.87359E-06	8.81627E-06	3504.45899	518.096843	6.588211819	15031.3819	
Orange	2020	Agricultural - ATVs	Aggregate	75	Gasoline	8.01934E-06	9.73447E-06	1.15478E-05	0.000500928	0.002670738	0.1549776E-06	1.43050E-06	1.88148E-07	1.4835E-07	669.913472	98.848467	1.26033877	15.45359877	
Orange	2020	Agricultural - Bale Wagons (Self Propelled)	Aggregate	175	Gasoline	7.14453E-08	8.64488E-08	1.02811E-07	7.69522E-07	6.16016E-07	0.000132242	4.50048E-08	2.80056E-08	1.20746E-09	1.0821E-09	4.01396438	33.134085	0.00120672	
Orange	2020	Agricultural - Bale Wagons (Self Propelled)	Aggregate	300	Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	
Orange	2020	Agricultural - Bales (Self Propelled)	Aggregate	75	Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	
Orange	2020	Agricultural - Combine Harvesters	Aggregate	100	Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	
Orange	2020	Agricultural - Combine Harvesters	Aggregate	175	Gasoline	3.12005E-07	3.73726E-07	4.49827E-07	1.79534E-06	3.15151E-06	0.00073162	1.39927E-07	1.25033E-07	6.68271E-09	5.98664E-09	23.7972417	4.01199229	0.004903024	
Orange	2020	Agricultural - Combine Harvesters	Aggregate	300	Gasoline	2.46439E-05	2.98191E-05	3.54782E-05	0.000180613	0.000230552	0.062335676	9.99131E-06	1.9373E-06	5.6944E-07	5.1007E-07	202.578235	684.475793	0.26176748	
Orange	2020	Agricultural - Combine Harvesters	Aggregate	500	Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	
Orange	2020	Agricultural - Combine Harvesters	Aggregate	999	Gasoline	2.72677E-07	3.29392E-07	3.92655E-07	1.94555E-06	4.0584E-06	0.000614903	1.12728E-07	1.0371E-07	5.65127E-09	5.06913E-09	20.15009392	80.866551	0.000119099	
Orange	2020	Agricultural - Construction Equipment	Aggregate	100	Gasoline	4.58396E-06	5.99565E-06	7.14008E-06	5.74851E-05	4.68189E-05	0.000971508	2.21979E-06	1.79459E-06	7.94595E-08	316.001089	86.3019679	0.00260476	1353.98616	
Orange	2020	Agricultural - Construction Equipment	Aggregate	175	Gasoline	4.12413E-05	4.9902E-05	5.93875E-05	0.000560609	0.000431919	0.098431557	1.88989E-05	1.73861E-05	8.91807E-06	8.05437E-07	3201.66067	186.6427403	2.092066514	
Orange	2020	Agricultural - Construction Equipment	Aggregate	300	Gasoline	6.5931E-06	8.42077E-06	1.00214E-05	5.7492E-05	6.73245E-05	0.001395487	1.65262E-06	1.29200E-06	1.27258E-07	1.1403E-07	45.2746053	119.6834819	0.118827548	
Orange	2020	Agricultural - Construction Equipment	Aggregate	500	Gasoline	1.86798E-06	2.26025E-06	2.69890E-06	1.47821E-05	3.87834E-06	0.000192525	9.77834E-07	9.27764E-07	36.87911E-07	41.0190201	36.87911E-07	41.0190201	0.000976225	
Orange	2020	Agricultural - Construction Equipment	Aggregate	600	Gasoline	3.99114E-06	4.82828E-06	5.74724E-06	3.29182E-05	3.75428E-05	0.000724468	1.67999E-06	1.64748E-06	6.61644E-08	5.92808E-08	235.444486	48.2051378	0.03733006	
Orange	2020	Agricultural - Construction Equipment	Aggregate	75	Gasoline	4.12188E-07	7.19136E-07	2.0456E-07	1.14714E-06	1.32634E-06	0.000187842	1.21098E-08	5.66383E-08	1.71391E-09	1.53706E-09	6.109988114	13.314762	0.004861927	
Orange	2020	Agricultural - Cotton Pickers	Aggregate	600	Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	
Orange	2020	Agricultural - Forage & Silage Harvesters	Aggregate	100	Gasoline	1.01905E-06	1.23305E-06	1.49733E-06	5.88632E-06	8.89316E-06	0.002467348	4.03544E-07	3.72161E-07	2.25381E-08	2.01896E-08	80.25486084	3.17465460	0.000522874	
Orange	2020	Agricultural - Forage & Silage Harvesters	Aggregate	600	Gasoline	6.94121E-06	8.38878E-06	9.96531E-06	5.75128E-05	6.84454E-05	0.012578414	3.07392E-06	1.14485E-07	1.02928E-07	409.1351719	93.93989089	0.000825785	17586.52288	
Orange	2020	Agricultural - Forage & Silage Harvesters	Aggregate	999	Gasoline	4.61626E-05	5.5868E-06	6.64724E-06	3.74388E-05	6.26043E-05	0.00805414	2.11448E-06	1.94348E-06	7.7332E-08	6.59047E-08	261.974898	48.2051378	0.015148899	
Orange	2020	Agricultural - Forklifts	Aggregate	100	Gasoline	1.60260E-05	1.94567E-05	2.33103E-05	0.00034782	0.0001489	0.00185046	8.06433E-06	7.80433E-06	7.80433E-06	7.80433E-06	7.80433E-06	7.80433E-06	0.015173599	
Orange	2020	Agricultural - Forklifts	Aggregate	175	Gasoline	1.73431E-05	2.08233E-05	2.48917E-05	0.0001349	0.0001349	0.0001349	1.75071E-06	1.91277E-06	2.60310E-06	1.0361208	10.7612991	41.483889	0.005452195	
Orange	2020	Agricultural - Forklifts	Aggregate	50	Gasoline	2.45132E-05	2.96615E-05	3.52991E-05	0.000131935	0.000104974	0.015917089	5.81828E-06	5.53822E-06	1.44857E-07	1.30245E-07	51.7314895	537.1576202	0.177846266	
Orange	2020	Agricultural - Forklifts	Aggregate	75	Gasoline	6.39416E-05	7.73693E-05	9.20759E-05	0.000532254	0.000601355	0.085858501	2.59149E-05	7.83422E-07	7.02555E-07	2792.699708	140.169173	2.154203655	11978.9185	
Orange	2020	Agricultural - Hay Squeezer/Stack Retriever	Aggregate	175	Gasoline	2.33947E-07	2.83093E-07	3.38398E-07	2.20753E-06	2.01112E-06	0.000444837	1.02367E-06	9.44949E-08	4.00187E-09	3.63998E-09	14.4591235	15.786245	0.000526274	
Orange	2020	Agricultural - Hay Squeezer/Stack Retriever	Aggregate	600	Gasoline	6.00478E-06	7.26579E-06	8.64688E-06	3.45523E-05	4.06034E-05	0.000400821	1.62010E-07	2.40748E-07	1.15218E-07	457.997248	150.886743	0.123560047	20795.14764	
Orange	2020	Agricultural - Hay Squeezer/Stack Retriever	Aggregate	600	Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	
Orange	2020	Agricultural - Hay Squeezer/Stack Retriever	Aggregate	75	Gasoline	2.05762E-08	2.48972E-08	2.96297E-08	1.66608E-07	1.92031E-07	2.71962E-05	8.87708E-09	8.16112E-09	2.48144E-10	2.22583E-10	0.884603948	33.1349771	0.00003630	
Orange	2020	Agricultural - Hay Squeezer/Stack Retriever	Aggregate	100	Gasoline	0.000000645	0.000000645	0.000000645	0.000000645	0.000000645	0.000000645	0.000000645	0.000000645	0.000000645	0.000000645	0.000000645	0.000000645	0.000000645	
Orange	2020	Agricultural - Nut Harvester	Aggregate	175	Gasoline	2.10382E-07	2.43072E-07	2.8959E-07	0.00020567	0.000189987	0.034961368	1.91801E-06	2.86076E-07	1.1371827	553.739511	0.000696122	1878.52288	0.000000000	
Orange	2020	Agricultural - Nut Harvester	Aggregate	25	Gasoline	3.37407E-07	4.08263E-07	4.85876E-07	0.00										

Orange	2028 Airport Ground Support - Bobtail	Aggregate	75 Diesel	1.48111E-06	1.79214E-06	2.13279E-06	1.65381E-05	1.6669E-05	0.002701755	3.97131E-07	3.65359E-07	2.55932E-08	0	87.79398622	70.81308635	0.157332	1565.500315	
Orange	2028 Airport Ground Support - Cargo Loader	Aggregate	100 Diesel	1.55044E-05	1.87003E-05	2.23276E-05	0.002406644	0.000128618	0.0781042	9.76051E-06	9.88164E-06	7.38864E-07	0	2538.009591	1344.708717	2.80055004	39183.86022	
Orange	2028 Airport Ground Support - Cargo Loader	Aggregate	175 Diesel	0.000130709	0.000158158	0.000188221	0.000308982	0.0000418835	0.521765531	2.97591E-05	2.71745E-05	4.98983E-06	0	17146.16105	7960.44013	10.52172115	34930.0968	
Orange	2028 Airport Ground Support - Cargo Loader	Aggregate	300 Diesel	1.11651E-05	1.35098E-05	1.60778E-05	0.000144115	1.76707E-05	0.044224457	3.00408E-06	2.79724E-06	4.1839E-07	0	1437.08144	441.117891	0.748114451	29533.17724	
Orange	2028 Airport Ground Support - Cargo Loader	Aggregate	50 Diesel	2.32326E-06	2.82244E-06	3.38946E-06	3.07473E-05	2.30631E-05	0.00536344	1.05217E-06	9.67996E-07	5.08068E-08	0	174.2859129	121.3245881	0.528489014	1245.883691	
Orange	2028 Airport Ground Support - Cargo Loader	Aggregate	600 Diesel	2.00918E-05	2.43111E-05	2.89322E-05	0.000146678	7.82479E-06	0.008205305	4.09787E-06	3.77004E-06	7.60222E-07	0	2607.83006	448.7099572	0.630700949	53625.75299	
Orange	2028 Airport Ground Support - Cargo Loader	Aggregate	75 Diesel	3.98544E-05	4.78430E-05	5.65005E-05	0.000416587	0.00440458	0.08404605	1.23526E-06	1.188945E-06	7.96177E-07	0	7211.171739	1908.316136	3.778336796	46583.6767	
Orange	2028 Airport Ground Support - Cargo Tractor	Aggregate	100 Diesel	1.45578E-05	1.76149E-05	2.09632E-05	0.000420023	0.000132328	0.00893525	1.00215E-05	7.90956E-07	0	2423.313049	1290.099578	2.601673857	35698.76566		
Orange	2028 Airport Ground Support - Cargo Tractor	Aggregate	175 Diesel	6.40049E-06	7.74514E-06	9.21735E-06	0.000122107	4.25635E-05	0.022642437	2.24246E-06	2.06830E-06	2.14487E-07	0	735.7693489	290.144025	0.393500066	14705.47462	
Orange	2028 Airport Ground Support - Cargo Tractor	Aggregate	300 Diesel	1.144969E-05	1.39113E-05	1.65556E-05	9.00445E-05	8.21627E-05	0.040591061	3.68957E-06	3.34028E-06	3.84511E-07	0	1319.01361	350.3014267	0.629238	26881.61502	
Orange	2028 Airport Ground Support - Cargo Tractor	Aggregate	50 Diesel	3.62155E-05	4.32554E-05	4.55278E-05	0.000248022	0.000435864	0.009111446	4.30974E-06	4.46601E-06	7.2038E-07	0	2471.164247	300.235883	1.73914387	75917.94043	
Orange	2028 Airport Ground Support - Cargo Tractor	Aggregate	600 Diesel	3.38245E-06	4.09276E-06	4.87073E-06	2.17217E-05	3.48913E-05	0.012065132	1.04389E-06	1.06065E-07	1.14255E-07	0	931.937493	49.6722174	0.078666	7769.557053	
Orange	2028 Airport Ground Support - Cargo Tractor	Aggregate	75 Diesel	5.10348E-05	6.17521E-05	7.34901E-05	0.000912366	0.00071638	0.167886384	1.12615E-05	1.03006E-05	1.59036E-06	0	5455.497342	1590.674826	7.924410003	73934.16382	
Orange	2028 Airport Ground Support - Forklift	Aggregate	100 Diesel	2.55502E-05	3.09158E-05	3.67923E-05	0.000470776	0.000250582	0.079711128	1.78797E-05	1.64033E-05	7.55107E-07	0	2590.291992	2532.288887	4.36735751	43729.36322	
Orange	2028 Airport Ground Support - Forklift	Aggregate	175 Diesel	7.00274E-05	8.33164E-05	9.94301E-05	0.000380815	1.97346E-05	0.001200815	4.18012E-06	3.89458E-06	4.51062E-07	0	6155.302051	4801.859827	7.923094848	78163.4796	
Orange	2028 Airport Ground Support - Forklift	Aggregate	300 Diesel	9.46641E-06	1.14083E-05	1.36865E-05	7.97505E-05	4.90571E-05	0.026783105	2.46393E-06	2.25312E-07	0	875.812362	370.820454	0.670718948	16479.39948		
Orange	2028 Airport Ground Support - Forklift	Aggregate	50 Diesel	4.6085E-06	5.56293E-06	6.63624E-06	6.7487E-05	4.59813E-05	0.011576169	1.38834E-06	1.27727E-06	1.09483E-07	0	375.566836	151.079823	0.346127905	3406.127905	
Orange	2028 Airport Ground Support - Forklift	Aggregate	600 Diesel	4.888364E-06	5.90929E-06	7.03244E-06	5.19247E-05	0.040948E-05	0.01461823	1.96939E-06	1.81184E-06	1.38476E-07	0	475.020310	141.2650842	0.275582357	9557.727585	
Orange	2028 Airport Ground Support - Forklift	Aggregate	75 Diesel	1.92168E-05	2.32523E-05	2.76722E-05	0.00028188	0.000245856	0.009111446	4.30974E-06	4.46601E-06	7.2038E-07	0	1595.949988	190.948017	0.393500066	14705.47462	
Orange	2028 Airport Ground Support - Forklift	Aggregate	750 Diesel	1.02072E-06	1.23507E-06	1.46984E-06	8.56848E-06	5.87603E-06	0.00433698	3.76928E-07	3.47747E-07	4.29468E-08	0	147.3231178	22.4621755	0.039333	2920.478281	
Orange	2028 Airport Ground Support - Fuel Truck	Aggregate	300 Diesel	3.73995E-06	4.52534E-06	5.38553E-06	2.77883E-05	3.18905E-05	0.019097151	1.23779E-06	1.13877E-06	1.03321E-07	0	354.429789	79.2413386	0.117999	7026.073802	
Orange	2028 Airport Ground Support - Fuel Truck	Aggregate	600 Diesel	1.08771E-06	1.30774E-06	1.55632E-06	6.5941E-06	7.05976E-06	0.003504862	2.9789E-07	2.7358E-07	3.32009E-08	0	113.810993	19.80466149	0.039333	2257.7314	
Orange	2028 Airport Ground Support - Generator	Aggregate	100 Diesel	1.22417E-07	1.46701E-07	1.74587E-07	1.94415E-06	1.48799E-06	0.000128053	6.99516E-08	6.43555E-08	3.10759E-09	0	10.6051329	6.609710457	0.039333	190.086748	
Orange	2028 Airport Ground Support - Generator	Aggregate	175 Diesel	8.37747E-07	1.01366E-06	1.20634E-06	1.40523E-06	8.20994E-06	0.002393006	1.9705E-07	1.85783E-07	2.26685E-08	0	77.7614225	27.0459581	0.039333	1541.506652	
Orange	2028 Airport Ground Support - Lift	Aggregate	100 Diesel	1.61851E-05	1.95839E-05	2.33665E-05	0.000380699	0.00013753	0.072262142	9.41129E-06	8.65838E-06	6.85132E-07	0	2350.250611	1179.174239	2.606317842	33752.98485	
Orange	2028 Airport Ground Support - Lift	Aggregate	175 Diesel	1.88285E-05	2.27824E-05	2.71315E-05	0.000398225	0.000109019	0.057805231	4.625E-06	4.255E-06	3.6523E-07	0	2179.088929	1110.247524	4.574168005	42954.10013	
Orange	2028 Airport Ground Support - Lift	Aggregate	300 Diesel	3.81044E-06	4.61064E-06	5.48704E-06	3.46829E-06	2.24752E-05	0.01093779	4.95898E-07	4.87217E-07	1.60440E-07	0	550.399919	149.400460	0.62725877	1175.45366	
Orange	2028 Airport Ground Support - Lift	Aggregate	50 Diesel	2.20787E-05	2.62765E-05	3.10476E-05	0.0004767E-05	1.44937E-05	0.000273315	1.41877E-06	1.31877E-06	1.65107E-07	0	1434.55911	1421.660099	3.621172005	36211.72005	
Orange	2028 Airport Ground Support - Lift	Aggregate	600 Diesel	2.04635E-05	2.47605E-05	2.94701E-05	0.000232685	0.000275966	0.056609893	5.28527E-06	4.86245E-06	5.36641E-07	0	1840.86004	1047.89556	2.913244673	30659.59608	
Orange	2028 Airport Ground Support - Misc - A/C Tug, Narrow Body	Aggregate	175 Gasoline	0.000326069	0.000284996	0.00035281	0.021960447	0.002028146	0.56680963	4.06342E-05	3.70104E-05	5.63066E-06	7.98664E-06	0	22797.9	2394.4	3.3	33712.72
Orange	2028 Airport Ground Support - Misc - A/C Tug, Wide Body	Aggregate	600 Gasoline	0.000611139	0.000418957	0.000177301	0.017011231	0.001510932	0.494511335	3.64803E-05	2.75429E-05	5.05500E-06	6.91511E-06	0	1973.92	562.1	1.1	28105.0
Orange	2028 Airport Ground Support - Misc - Air Cargo Container	Aggregate	175 Diesel	1.2281E-07	1.12961E-07	1.35145E-07	1.5497E-06	1.49397E-06	3.83999E-07	2.75027E-07	2.50439E-07	1.27868E-07	0	1.6	1.6	0.01	1.6	
Orange	2028 Airport Ground Support - Misc - Air Conditioner	Aggregate	175 Nat Gas	0	0	5.87549E-08	6.73081E-05	6.77660E-06	0.002728621	0	0	0	0	0	149.05	0	0.61	0
Orange	2028 Airport Ground Support - Misc - Air Start Unit	Aggregate	175 Diesel	1.28078E-05	1.17807E-05	1.40943E-05	0.00511862	0.000143673	0.048029039	3.44317E-06	2.60511E-06	6.70029E-07	0	19.12	17.15	2.28	22301.5	
Orange	2028 Airport Ground Support - Misc - Baggage Tug	Aggregate	100 Gasoline	0.000727309	0.0025049	0.002998836	0.201488209	0.01588889	5.00410015	0.000348904	0.000263616	4.83475E-05	7.0651E-05	0	201671.45	38889.05	44.32	38889.05
Orange	2028 Airport Ground Support - Misc - Baggage Tug	Aggregate	100 Diesel	0.000178574	0.000188175	0.000218175	0.000178574	0.000178574	0.151389754	0.000178574	0.000178574	0.000178574	0.000178574	0	1.51389754	4567.47	7332.85	7332.85
Orange	2028 Airport Ground Support - Misc - Belt Loader	Aggregate	100 Gasoline	0.000002964	0.000002964	0.000002964	0.000002964	0.000002964	0.000002964	0.000002964	0.000002964	0.000002964	0.000002964	0	0.000002964	0.000002964	0.000002964	0.000002964
Orange	2028 Airport Ground Support - Misc - Belt Loader	Aggregate	100 Nat Gas	0	0	5.84208E-06	0.000103584	0.000308291	0.079242713	0	0	0	0	0	437.35	1299.4	2.35	7796.4
Orange	2028 Airport Ground Support - Misc - Bobtail	Aggregate	100 Gasoline	0.000437678	0.000402576	0.000481638	0.032382472	0.00255391	0.804259448	5.60743E-05	4.23673E-05	7.77018E-06	1.13547E-05	0	32412	6248.8	7.13	62488.0
Orange	2028 Airport Ground Support - Misc - Bobtail	Aggregate	100 Diesel	0	0	0	0	0	0	0	0	0	0	0	1080.7	178.85	0	1080.7
Orange	2028 Airport Ground Support - Misc - Cargo Loader	Aggregate	100 Gasoline	0.000184383	0.000169595	0.000202002	0.013564358	0.01062417	0.329213455	2.29536E-05	1.73427E-05	3.18067E-06	4.66079E-06	0	13304.25	4027.3	5.6	28155.1
Orange	2028 Airport Ground Support - Misc - Cargo Loader	Aggregate	100 Nat Gas	0	0	8.22451E-06	0.00034247	0.000358738	0.06987668	0	0	0	0	0	3909.15	981.85	0.94	68729.5
Orange	2028 Airport Ground Support - Misc - Cargo Tractor	Aggregate	100 Gasoline	0.004984589	0.004584825	0.00548236	0.483057162	0.024164259	5.59346455	0.0003899	0.000294659	4.61802E-05	8.44467E-05	0	241053.3	46610.5	34.49	44977.975
Orange	2028 Airport Ground Support - Misc - Cargo Tractor	Aggregate	175 Diesel	2.33568E-05	2.83596E-05	3.37128E-05	0.001314248	1.40486E-05	5.17884E-06	3.9129E-06	2.04076E-06	2.81027E-08	8.00897572	0	0	0	74.24	90302.46
Orange	2028 Airport Ground Support - Misc - Catering Truck	Aggregate	300 Gasoline	0.000650702	0.000598516	0.000716508	0.039033428	0.00356876	0.900706365	6.64546E-05	5.02033E-05	7.86808E-06	1.27791E-05	0	36478.1	3847.1	3.76	784423.69
Orange	2028 Airport Ground Support - Misc - Catering Truck	Aggregate	300 Nat Gas	0	0	2.90652E-06	0.002024527	0.000196457	0.00897831	0	0	0	0	0	3726.65	317.55	0.69	65097.75
Orange	2028 Airport Ground Support - Misc - Deicer	Aggregate	100 Gasoline	4.65044E-06	4.77760E-06	4.11737E-06	0.00042581	3.262E-05	0.01217917	8.58835E-07	6.48807E-07	1.19008E-07	1.67507E-07	0	478.15	62.05	0.27	5770.65
Orange	2028 Airport Ground Support - Misc - Forklift	Aggregate	50 Diesel	0.000190281	0.000217551	0.000259987	0.000778541	0.000417987	9.38999E-06	7.90466E-06	1.65501E-06	2.18527E-06	5.191E-07	0	627.87	389.8	0.55	1919.676
Orange	2028 Airport Ground Support - Misc - Forklift	Aggregate	50 Nat Gas	0	0	1.2635E-05	0.003396627	0.000919015	2.4415E-05	0	0	0	0	0	14508.75	8882.65	12.34	44913.25
Orange	2028 Airport Ground Support - Misc - Fuel Truck	Aggregate	175 Diesel	1.28038E-06	1.1777E-06	1.40898E-06	0.000164219	1.5199E-05	0.005315584	3.81071E-07	2.8792E-07	5.20480E-08	7.61435E-08	0	211.7	62.05	3.26	8066.5
Orange	2028 Airport Ground Support - Misc - Fuel Truck	Aggregate	175 Nat Gas	0	0	7.93949E-07	0.000517005	4.91606E-05	0.01670007	0	0	0	0	0	916.15	229.95	0.42	32193
Orange	2028 Airport Ground Support - Misc - Fuel																	

Orange	2028 Commercial Harbor Craft - ME - Ferry-Catamaran	Aggregate	9999 Diesel	0.001210914	0.001465206	0.001743716	0.007131298	0.025813742	0.00013488	0.000010585	0	0	0	0	178493.1727	4744.22219	2.000000058	3515664
Orange	2028 Commercial Harbor Craft - ME - Ferry-Short Run	Aggregate	175 Diesel	0	0	0	0	0	0	0	0	0	0	0	8022.81841		3.00000009	340087.2812
Orange	2028 Commercial Harbor Craft - ME - Research Boat	Aggregate	300 Diesel	4.53752E-5	5.85556E-5	6.52826E-5	0.0001589E-5	0.00074496E	0.08861764	1.17588E-5	0	0	0	0	306.9041	77.4151796	6.8125	56499.8475
Orange	2028 Commercial Harbor Craft - ME - Research Boat	Aggregate	600 Diesel	0.000117459	0.000214215	0.000169141	0.000400723	0.001907149	0.227651036	0.328484E-5	0.382959E-5	0	0	0	7754.333202	77.4151796	8.1235	14313.9375
Orange	2028 Commercial Harbor Craft - ME - Work Boat	Aggregate	175 Diesel	0.000184373	0.000223091	0.000265491	0.000468244	0.00101469	0.308357943	5.57371E-5	5.32846E-5	0	0	0	11056.21205	39.0268958	6.136040581	195838.4542
Orange	2028 Commercial Harbor Craft - ME - Work Boat	Aggregate	600 Diesel	0.001334472	0.001614711	0.001912639	0.004714858	0.025494678	0.259602924	0.000430207	0.000411258	0	0	0	84578.7104	11762.0678	18.40081368	1506179.489
Orange	2028 Construction and Mining - Bore/Drill Rigs	Aggregate	800 Diesel	0.000210883	0.000231465	0.000346796	0.000165114	0.000411994	0.120308973	7.701E-5	7.26216E-5	0	0	0	24952.21424	1590.344748	3.088023	460220.3125
Orange	2028 Construction and Mining - Bore/Drill Rigs	Aggregate	100 Diesel	9.11635E-5	0.00011031	0.000131278	0.00051023	0.00086234	0.356578E-5	6.65781E-5	6.127E-5	0	0	0	8350.148218	3201.607153	6.738100944	144085.8375
Orange	2028 Construction and Mining - Bore/Drill Rigs	Aggregate	175 Diesel	0.000359348	0.000653324	0.000777525	0.010346141	0.003582464	0.000166122	0.00015832	0.00016759E-5	0	0	0	57478.90307	16348.14891	25.27348697	1144030.174
Orange	2028 Construction and Mining - Bore/Drill Rigs	Aggregate	300 Diesel	0.00060174	0.000728105	0.000866005	0.000543767	0.002437971	0.797397658	0.000018385	0.000016919	1.596975E-5	0	0	67569.70476	12203.77887	17.97535676	1379375.229
Orange	2028 Construction and Mining - Bore/Drill Rigs	Aggregate	50 Diesel	0.000210883	8.12295E-5	9.78599E-5	0.000072032	0.000523675	0.001823676	0.00007538E-5	8.69846E-5	0	0	0	1917257.572		5.17725752	45855.2971
Orange	2028 Construction and Mining - Bore/Drill Rigs	Aggregate	600 Diesel	0.000825902	0.00099342	0.00118399	0.006704659	0.005322647	2.98580542	0.00024335	0.000242806	2.82839E-5	0	0	97024.10953	9843.0303	16.9919377	1898440.477
Orange	2028 Construction and Mining - Bore/Drill Rigs	Aggregate	75 Diesel	0.000141463	0.00017171	0.000203707	0.00169175	0.033087027	4.15574E-5	0.135577E-5	0	0	0	0	10823.72107	5832.55866	12.0607554	15056.475
Orange	2028 Construction and Mining - Bore/Drill Rigs	Aggregate	75 Diesel	0.000233862	0.000391873	0.000466362	0.002394629	0.002268897	1.238018637	0.000105748	9.72878E-5	1.17275E-5	0	0	40229.61612	2507.176366	4.421478838	815027.6148
Orange	2028 Construction and Mining - Bore/Drill Rigs	Aggregate	9999 Diesel	0.0002127051	0.0002127051	0.0002127051	0.0002127051	0.0002127051	0.0002127051	0.0002127051	0.0002127051	0.0002127051	0.0002127051	0.0002127051	12948.18193	625.4652302	3.07450862	3574623.9557
Orange	2028 Construction and Mining - Bucket	Aggregate	100 Diesel	7.41855E-6	9.01674E-6	1.07077E-5	6.0001195	0.020366173	5.06189E-6	6.45702E-6	1.9257E-6	0	0	0	661.823091	556.815992	0.69446401	1138.640941
Orange	2028 Construction and Mining - Bucket	Aggregate	175 Diesel	0.114646E-5	1.2275E-5	1.46082E-5	0.000187177	9.68628E-5	0.004997874	2.89482E-6	2.60234E-6	2.88919E-7	0	0	991.095789	602.62324E-6	0.69446401	19647.08486
Orange	2028 Construction and Mining - Bucket	Aggregate	300 Diesel	0.250466E-5	3.02798E-5	3.60355E-5	0.00017667	0.000115888	0.070799121	6.02888E-6	5.54105E-6	7.53838E-7	0	0	2585.49036	548.506934	0.62079883	51262.64308
Orange	2028 Construction and Mining - Bucket	Aggregate	50 Diesel	0.507240E-6	5.55057E-6	6.46094E-6	0.00001661	4.20865E-6	0.00089089	1.26288E-6	1.18007E-6	8.84505E-8	0	0	286.2655198	245.177729	0.56874025	3797.069602
Orange	2028 Construction and Mining - Bucket	Aggregate	75 Diesel	7.96727E-6	9.64039E-6	1.14729E-5	0.00011969	0.000100914	0.018448071	1.81276E-6	1.75974E-6	1.74755E-7	0	0	599.4723838	413.121513	0.82079383	10689.52049
Orange	2028 Construction and Mining - Bucket	Aggregate	75 Diesel	1.42773E-5	1.77707E-5	0.25536E-5	1.68545E-5	0.06369099	4.72945E-6	0.41564E-6	0.60332E-7	0.25252964	0	0	2068.648928	144.7294587	0.25252964	41027.90696
Orange	2028 Construction and Mining - Compactor	Aggregate	100 Diesel	0.284626E-6	2.52196E-6	3.00174E-6	5.31764E-5	2.55318E-5	0.00893848	2.20423E-6	2.02789E-6	8.46536E-6	0	0	290.3295691	189.647961	0.87889948	5178.141219
Orange	2028 Construction and Mining - Compactor	Aggregate	175 Diesel	4.07484E-5	4.93050E-5	5.86777E-5	0.00093419	0.00220317	0.15564625	8.7976E-6	8.09379E-6	1.48121E-6	0	0	5081.059783	2029.038817	3.03031558	99633.38004
Orange	2028 Construction and Mining - Compactor	Aggregate	300 Diesel	0.10255E-5	1.24213E-5	1.47823E-5	8.04134E-5	5.07203E-5	0.00560105	2.45913E-6	2.21624E-6	3.74981E-7	0	0	1286.357393	300.310374	0.595051028	25500.23231
Orange	2028 Construction and Mining - Compactor	Aggregate	50 Diesel	6.01545E-6	7.27896E-6	8.66224E-6	6.87813E-5	5.4562E-5	0.00049784	1.25132E-6	1.15122E-6	8.97907E-7	0	0	308.014747	454.5097883	1.07235347	5492.371453
Orange	2028 Construction and Mining - Compactor	Aggregate	600 Diesel	2.24963E-5	2.72205E-5	3.23947E-5	0.000917424	0.009332174	4.81803E-5	3.97259E-6	5.95612E-7	0	0	3278.843455	146.96954	0.694915278	66165.79282	
Orange	2028 Construction and Mining - Compactor	Aggregate	75 Diesel	3.85808E-6	4.65954E-6	5.54523E-6	6.03699E-5	2.5891E-5	0.01021436	7.16577E-7	6.92551E-7	9.97580E-8	0	0	391.9276919	244.012615	0.568183419	5918.592147
Orange	2028 Construction and Mining - Compactor	Aggregate	9999 Diesel	0.0002127051	0.0002127051	0.0002127051	0.0002127051	0.0002127051	0.0002127051	0.0002127051	0.0002127051	0.0002127051	0.0002127051	0.0002127051	929.7217952	321.8871729	0.603131492	10321.31492
Orange	2028 Construction and Mining - Concrete Mixer	Aggregate	175 Diesel	2.52316E-5	3.06446E-6	3.54678E-6	4.14855E-5	0.000758232	3.78878E-7	6.79658E-7	8.2965E-8	0	0	0	284.61007	193.094765	0.89194473	5681.01567
Orange	2028 Construction and Mining - Concrete Mixer	Aggregate	300 Diesel	2.41447E-5	2.9215E-6	3.47683E-6	2.16521E-5	9.70708E-6	0.010478084	5.49498E-7	4.22993E-7	5.92569E-8	0	0	340.487176	81.16695498	0.12626282	6749.681024
Orange	2028 Construction and Mining - Concrete Mixer	Aggregate	75 Diesel	1.70821E-6	2.06682E-6	2.45896E-6	2.71848E-5	2.22171E-5	0.00434892	2.16057E-7	1.97772E-7	4.10636E-8	0	0	140.8637614	33.1013941	0.631331491	251.8102884
Orange	2028 Construction and Mining - Concrete Mixer	Aggregate	600 Diesel	1.321348E-5	1.601423E-5	1.90047E-5	1.51348E-5	1.00167E-5	0.000188187	7.07878E-6	6.40784E-6	0.000134928	0	0	241.1319564	58.1391923	0.063134928	340.1319564
Orange	2028 Construction and Mining - Concrete Mixer	Aggregate	75 Diesel	2.76198E-7	8.787E-7	1.04573E-6	8.07613E-6	6.26364E-6	0.001199783	1.18186E-7	1.08731E-7	1.13653E-8	0	0	38.9875259	32.7307767	0.06313491	695.2002329
Orange	2028 Construction and Mining - Concrete Pump	Aggregate	100 Diesel	3.25999E-6	3.05999E-6	3.64164E-6	4.85504E-5	0.008273028	1.96916E-6	1.81163E-6	1.55677892	0	0	0	268.8334897	153.5677892	0.25272543	4500.96211
Orange	2028 Construction and Mining - Concrete Pump	Aggregate	175 Diesel	3.62786E-5	4.38971E-5	5.22412E-5	0.000818569	0.000190381	0.13407139	7.09443E-6	6.52888E-6	1.27272E-6	0	0	4364.333878	1602.8035	2.020473017	86566.86993
Orange	2028 Construction and Mining - Concrete Pump	Aggregate	300 Diesel	0.00042647	0.000529618	0.000640475	0.003494115	0.000126875	0.000126875	0.000126875	0.000126875	0.000126875	0.000126875	0.000126875	1742.908619	493.142379	0.755737892	1432.908619
Orange	2028 Construction and Mining - Concrete Pump	Aggregate	50 Diesel	3.19122E-7	1.469138E-7	0.59536E-7	6.21454E-6	0.001412507	0.45541E-6	4.52788E-7	1.38040E-8	0	0	0	48.4997722	38.1634488	0.00335495	48.4997722
Orange	2028 Construction and Mining - Concrete Pump	Aggregate	600 Diesel	3.41151E-5	4.12793E-5	4.91258E-5	0.00046614	0.00034873	1.10522E-5	1.01681E-5	1.23505E-5	0	0	0	4236.685963	603.6104708	1.13638696	8396.369
Orange	2028 Construction and Mining - Concrete Pump	Aggregate	75 Diesel	4.45764E-6	5.39374E-6	6.419E-6	5.62451E-5	4.80224E-5	0.00048258	1.14483E-6	1.05306E-6	8.93147E-8	0	0	306.3819999	213.51582	0.401920437	5052.612922
Orange	2028 Construction and Mining - Crane less than 35ton	Aggregate	100 Diesel	4.14796E-6	4.98998E-6	4.78987E-6	4.57804E-6	0.637784E-6	0.17384E-6	0.17384E-6	0.17384E-6	0.17384E-6	0.17384E-6	0.17384E-6	458.1086643	278.359397	0.125599923	278.359397
Orange	2028 Construction and Mining - Crane less than 35ton	Aggregate	175 Diesel	2.75681E-5	3.33574E-5	3.96881E-5	0.000499909	0.000771649	0.05384388	2.19371E-5	1.18832E-5	8.89008E-7	0	0	3049.619576	110.523876	4.73864055	51048.8381
Orange	2028 Construction and Mining - Crane less than 35ton	Aggregate	300 Diesel	5.47753E-6	6.67811E-6	7.88746E-6	4.41705E-5	0.023622241	2.10836E-6	1.93829E-6	2.23769E-6	0	0	0	767.068836	225.854608	0.82079383	1512.7697
Orange	2028 Construction and Mining - Crane less than 35ton	Aggregate	50 Diesel	2.01838E-6	2.44224E-6	2.90847E-6	3.81629E-5	3.59609E-5	0.000800173	7.05389E-7	6.48666E-7	6.44312E-8	0	0	221.025229	360.245519	2.146470084	3941.167829
Orange	2028 Construction and Mining - Crane less than 35ton	Aggregate	600 Diesel	0.0002127051	0.0002127051	0.0002127051	0.0002127051	0.0002127051	0.0002127051	0.0002127051	0.0002127051	0.0002127051	0.0002127051	0.0002127051	640.3809149	180.2809897	0.441020847	1041.020847
Orange	2028 Construction and Mining - Crane less than 35ton	Aggregate	75 Diesel	3.90251E-6	4.72204E-6	5.61962E-6	7.26877E-5	6.24385E-5	0.01369936	1.25683E-6	1.15569E-6	1.36644E-6	0	0	45.1818224	32.1369708	1.51589006	655.750582
Orange	2028 Construction and Mining - Crane less than 35ton	Aggregate	75 Diesel	6.11174E-7	7.3952E-7	8.8909E-7	7.2757E-6	6.94037E-6	0.00407167	2.51959E-7	2.68271E-7	3.85698E-8	0	0	132.308569	14.9987305	0.06313491	2622.831947
Orange	2028 Construction and Mining - Crane less than 35ton	Aggregate	9999 Diesel	7.64162E-6	9.24636E-6	1.10039E-5	0.000103994	0.000103925	0.004819396	5.48785E-5	5.04882E-6	4.56532E-8	0	0	156.6071056	10.7502283	0.06313491	3104.516362
Orange	2028 Construction and Mining - Cranes	Aggregate	100 Diesel	5.08571E-5	6.12951E-5	7.29462E-5	0.000697548	0.000471775	0.144270353	3.24058E-5	2.98908E-5	1.36644E-6	0	0	4088.805065	1808.411571	9.54703843	46360.98447
Orange	2028 Construction and Mining - Cranes	Aggregate	175 Diesel	0.000312621	0.000343172	0.00046475	0.009831202	0.009831202	0.009831202	0.009831202	0.009831202	0.009831202	0.009831202	0.009831202	1249.645511	11355.90718	47.92305115	47.92305115
Orange	2028 Construction and Mining - Cranes	Aggregate	25 Diesel</															

Orange	2028 Construction and Mining - Misc - Concrete/Industrial Saws	Aggregate	5	Gallone	0.001023746	0.001013984	0.00112657	0.027125522	0.00045357	1.03896E-05	0.88994E-06	4.47172E-07	6.17262E-07	1721.114424	0	84.88626294		
Orange	2028 Construction and Mining - Misc - Concrete/Industrial Saws	Aggregate	50	Gallone	0.000406321	0.000317374	0.000447131	0.030075512	0.00064485	0.00805526	2.53774E-05	0.17171E-05	0.447488E-06	5.52518E-06	15771.65	5703.1	199945.5	
Orange	2028 Construction and Mining - Misc - Concrete/Industrial Saws	Aggregate	50	Diessel	9.05353E-05	9.58434E-05	0.00015971	0.001044221	0.00066413	0.155261753	1.49277E-05	1.37335E-05	1.19553E-06	1.24879E-06	4964	3595.25	11864.23	
Orange	2028 Construction and Mining - Misc - Cranes	Aggregate	100	Gallone	0.000166965	0.000135374	0.000183735	0.008934912	0.00042283	0.192330249	1.34097E-05	1.03118E-05	1.85818E-06	2.74405E-06	7832.9	2365.2	175024.8	
Orange	2028 Construction and Mining - Misc - Cranes	Aggregate	175	Gallone	9.7638E-06	8.53234E-06	1.0208E-05	0.000451326	0.001268374	9.06063E-07	6.84581E-07	1.25553E-07	1.75179E-07	5.001E-05	83.95	0.16	14093.75	
Orange	2028 Construction and Mining - Misc - Cranes	Aggregate	50	Gallone	9.34081E-05	9.57816E-05	0.00010279	0.00709607	0.00012717	0.040628881	3.35243E-06	2.53295E-06	5.91239E-07	1.81452E-07	2325.05	1186.25	43891.25	
Orange	2028 Construction and Mining - Misc - Crushing/Proc. Equipment	Aggregate	15	Gallone	9.87040E-05	0.00009951	0.00010792	0.00338652	7.16112E-05	1.36112E-05	4.40026E-05	3.33201E-05	5.38464E-08	7.43278E-08	211.254187	0	2.940295139	
Orange	2028 Construction and Mining - Misc - Dumpers/Tenders	Aggregate	25	Gallone	0.000120468	0.000121672	0.000132567	0.004183526	7.70123E-05	1.58414E-07	5.11322E-05	3.87798E-05	6.63344E-08	9.15648E-08	260.8829116	0	1.733837224	
Orange	2028 Construction and Mining - Misc - Dumpers/Tenders	Aggregate	100	Gallone	9.18701E-06	8.37377E-06	1.00226E-05	0.000392525	2.57053E-05	0.01648557	1.14941E-06	6.88466E-07	1.59274E-07	2.30163E-07	657	259.15	17103.9	
Orange	2028 Construction and Mining - Misc - Dumpers/Tenders	Aggregate	15	Gallone	0.000518166	0.000254348	0.000271088	0.069448324	0.001837686	2.79128E-06	0.000904374	0.000683304	1.31196E-06	1.56252E-06	4398.231908	0	168.2554671	
Orange	2028 Construction and Mining - Misc - Dumpers/Tenders	Aggregate	25	Gallone	0.00037894	0.001048272	0.000142138	0.028790046	0.00066327	1.90017E-06	0.00026874	0.000120185	4.65204E-07	1.42146E-07	1822.516364	0	112.783348	
Orange	2028 Construction and Mining - Misc - Dumpers/Tenders	Aggregate	25	Diessel	0.000028743	3.45715E-05	4.13186E-05	0.000117998	0.000218465	0.000315823	7.34672E-06	5.55086E-06	2.99738E-09	2.58197E-09	10.72771063	0	4.52168154	
Orange	2028 Construction and Mining - Misc - Dumpers/Tenders	Aggregate	5	Diessel	0.0006774	0.000684174	0.000745438	0.000159058	0.000300168	8.51772E-07	7.33034E-06	5.53848E-06	2.58698E-07	3.571E-07	978.5098414	0	78.90459412	
Orange	2028 Construction and Mining - Misc - Excavators	Aggregate	25	Diessel	0.000204949	0.000246509	0.000294647	0.000841369	0.001557741	0.002251942	0.000053285	3.95797E-05	1.23175E-08	1.84105E-08	73.24839614	0	6.511206348	
Orange	2028 Construction and Mining - Misc - Other	Aggregate	115	Gallone	0	0	0	0	0	0	0	0	0	0	0	0	1.380289926	
Orange	2028 Construction and Mining - Misc - Other	Aggregate	15	Diessel	0.000500707	0.000602241	0.000719755	0.001319009	0.000771474	0.007729295	0.000132635	0.000100213	6.8617E-06	5.91073E-06	235.1661105	0	54.25202552	
Orange	2028 Construction and Mining - Misc - Other	Aggregate	175	Gallone	0.000155724	0.000142335	0.000171365	0.01320462	0.000507384	0.407100226	2.91848E-05	2.20507E-05	4.04411E-06	5.67734E-06	16206	2960.15	7.98	327978.9
Orange	2028 Construction and Mining - Misc - Other	Aggregate	2	Gallone	0	0	0	0	0	0	0	0	0	0	0	0	1.382839926	
Orange	2028 Construction and Mining - Misc - Other	Aggregate	25	Gallone	0	0	0	0	0	0	0	0	0	0	0	0	1.382839926	
Orange	2028 Construction and Mining - Misc - Other	Aggregate	25	Diessel	0.000107739	0.000212956	0.000154877	0.000442297	0.000818885	0.001183817	2.75381E-05	2.08066E-05	1.12352E-06	9.67814E-09	38.50575577	0	8.613653471	
Orange	2028 Construction and Mining - Misc - Other	Aggregate	5	Gallone	0	0	0	0	0	0	0	0	0	0	0	0	1.382839926	
Orange	2028 Construction and Mining - Misc - Pavers	Aggregate	25	Diessel	5.40697E-05	0.000065034	7.77261E-05	0.00022197	0.000410964	0.000594108	1.38195E-05	1.04414E-05	5.63859E-05	4.85705E-09	19.32442778	0	2.573427864	
Orange	2028 Construction and Mining - Misc - Paving Equipment	Aggregate	100	Gallone	1.99411E-05	3.87378E-05	4.39528E-05	0.002024221	9.92807E-05	0.098003717	6.33106E-06	4.78347E-07	1.24544E-06	3555.1	989.15	65283.9		
Orange	2028 Construction and Mining - Misc - Paving Equipment	Aggregate	15	Gallone	0.05280336	0.05333838	0.058103548	1.628927164	0.0385429	6.54702E-05	0.00212312	0.016027082	2.61778E-05	0.000068135	102446.4186	0	1838.822137	
Orange	2028 Construction and Mining - Misc - Paving Equipment	Aggregate	25	Gallone	0.002752046	0.002752296	0.002998476	0.084519438	0.00714748	3.20402E-06	0.001036938	0.000783466	1.35168E-06	1.86582E-06	508.439912	0	40.8584783	
Orange	2028 Construction and Mining - Misc - Paving Equipment	Aggregate	25	Diessel	9.15265E-05	0.000110886	0.000135571	0.00037574	0.000695659	0.001056576	2.33942E-05	1.76756E-05	9.54456E-09	8.22177E-09	32.71140229	0	6.374800005	
Orange	2028 Construction and Mining - Misc - Paving Equipment	Aggregate	5	Gallone	0.014388055	0.004481438	0.015778156	0.347887041	0.006535072	1.31665E-05	0.000165897	0.000125345	5.74292E-06	7.92734E-06	22016.094	0	1087.444775	
Orange	2028 Construction and Mining - Misc - Paving Equipment	Aggregate	50	Gallone	0.000374253	0.000048822	0.000048822	0.000048822	0.000048822	0.000048822	0.000048822	0.000048822	0.000048822	0.000048822	910.750126	861.3	3872.1	143288.0
Orange	2028 Construction and Mining - Misc - Plate Compactors	Aggregate	5	Gallone	0.018717578	0.018904574	0.025975554	0.573381068	0.018357176	2.39077E-05	0.007486394	0.005654312	9.24721E-06	1.27646E-05	36043.02557	0	864.243197	
Orange	2028 Construction and Mining - Misc - Plate Compactors	Aggregate	15	Diessel	0.000194959	0.000234943	0.000280257	0.01230013	0.001468487	0.002815093	5.16435E-05	3.90196E-05	2.67172E-08	2.30144E-08	91.5655898	0	56.71790708	
Orange	2028 Construction and Mining - Misc - Plate Compactors	Aggregate	5	Gallone	0.010399486	0.000403444	0.011400278	0.242634946	0.004590458	9.29488E-06	0.000177085	8.84464E-06	5.61516E-06	15505.74996	0	67.97908872		
Orange	2028 Construction and Mining - Misc - Rollers	Aggregate	100	Gallone	0.000374253	0.000048822	0.000048822	0.000048822	0.000048822	0.000048822	0.000048822	0.000048822	0.000048822	0.000048822	910.750126	861.3	3872.1	49872.1
Orange	2028 Construction and Mining - Misc - Rollers	Aggregate	15	Gallone	0.005198232	0.005250214	0.005720318	1.893218156	0.00375132	6.8054E-06	0.002024952	0.003166504	2.70768E-06	3.3776E-06	10600.82012	0	130.3873736	
Orange	2028 Construction and Mining - Misc - Rollers	Aggregate	15	Diessel	0.000760676	0.000849976	0.001015859	0.004548486	0.005312892	0.000141436	9.68431E-08	8.34214E-08	331.9306062	0	12.5685596	0	0.15447838	
Orange	2028 Construction and Mining - Misc - Rollers	Aggregate	2	Gallone	0	0	0	0	0	0	0	0	0	0	0	0	0.15447838	
Orange	2028 Construction and Mining - Misc - Rollers	Aggregate	25	Diessel	0.0078288	0.00790708	0.008615116	2.56344232	0.0500493	0.000097432	0.0031437	0.002375232	4.98166E-07	5.6342E-07	1603.787408	0	88.05973408	
Orange	2028 Construction and Mining - Misc - Rollers	Aggregate	25	Diessel	0.000644471	0.000775156	0.000926437	0.002645722	0.00498384	0.000781326	0.000164727	0.000124446	6.72067E-08	5.78924E-08	320.336772	0	50.67346162	
Orange	2028 Construction and Mining - Misc - Rollers	Aggregate	5	Gallone	0.000584132	0.000589974	0.000642802	0.01634592	0.000258784	6.2602E-07	7.88784E-06	5.9597E-06	2.6941E-07	3.71886E-07	1034.08787	0	80.63506074	
Orange	2028 Construction and Mining - Misc - Rollers	Aggregate	50	Gallone	0.00045667	0.000420045	0.000502537	0.04138379	0.000575057	0.191983501	1.32351E-05	9.99895E-06	2.34146E-06	3.43198E-06	9796.6	3533.2	130728.4	
Orange	2028 Construction and Mining - Misc - Rough Terrain Forklifts	Aggregate	100	Gallone	0.000132942	0.000132942	0.000132942	0.000132942	0.000132942	0.000132942	0.000132942	0.000132942	0.000132942	0.000132942	910.750126	861.3	3872.1	11555.5
Orange	2028 Construction and Mining - Misc - Rough Terrain Forklifts	Aggregate	175	Gallone	7.06655E-05	6.44471E-05	7.71005E-05	0.003417265	0.000227996	0.059573768	9.86557E-06	5.18702E-06	9.51303E-07	1.34537E-06	3839.8	481.8	11.1	
Orange	2028 Construction and Mining - Misc - Rough Terrain Forklifts	Aggregate	50	Gallone	0.00012633	0.000116199	0.000139019	0.00618334	0.000172075	0.065921188	4.54455E-06	3.43366E-06	8.01482E-07	1.01734E-06	3160.9	934.4	2.3	43916.8
Orange	2028 Construction and Mining - Misc - Rubber Tired Loaders	Aggregate	100	Gallone	0.000760348	0.000699368	0.000836716	0.045406868	0.001903194	0.88065177	6.14012E-05	4.6392E-05	8.50832E-06	1.26551E-05	36124.05	9687.1	18.88	69747.2
Orange	2028 Construction and Mining - Misc - Rubber Tired Loaders	Aggregate	2	Gallone	0	0	0	0	0	0	0	0	0	0	0	0	0.18880026	
Orange	2028 Construction and Mining - Misc - Rubber Tired Loaders	Aggregate	2	Gallone	0	0	0	0	0	0	0	0	0	0	0	0	0.18880026	
Orange	2028 Construction and Mining - Misc - Rubber Tired Loaders	Aggregate	25	Gallone	0	0	0	0	0	0	0	0	0	0	0	0	0.18880026	
Orange	2028 Construction and Mining - Misc - Rubber Tired Loaders	Aggregate	25	Diessel	3.73494E-05	4.49231E-05	5.36903E-05	0.000153329	0.000238379	0.000410388	9.5465E-06	7.21291E-06	3.89487E-09	3.35507E-09	13.34860044	0	1.680898435	
Orange	2028 Construction and Mining - Misc - Rubber Tired Loaders	Aggregate	5	Gallone	0	0	0	0	0	0	0	0	0	0	0	0	0.18880026	
Orange	2028 Construction and Mining - Misc - Rubber Tired Loaders	Aggregate	100	Gallone	0.000146982	0.000015519	0.000161745	0.013504532	0.000493311	0.074519573	5.13711E-06	3.88152E-06	9.06022E-07	1.27688E-06	3950	1460	5840	
Orange	2028 Construction and Mining - Misc - Signal Boards	Aggregate	15	Gallone	0.00066397	0.00067061	0.00073366	0.022425208	0.00044802	9.00027602	0.000220642	3.57756E-07	4.93836E-07	1400.799637	0	17.29954218	0	
Orange	2028 Construction and Mining - Misc - Signal Boards	Aggregate	15	Diessel	0.000407249	0.00366517	0.004380469	0.019252762	0.0040005	0.0008072	0.0039484	1.17595E-07	3.5972E-07	1431.194173	0	497.6196366	0	
Orange	2028 Construction and Mining - Misc - Signal Boards	Aggregate	5	Gallone	1.58974E-05	3.42544E-05	0.000339503	0.000953212	1.59043E-05	3.65064E-06	4.5998E-07	3.47547E-07	1.546458E-08	2.13978E-08	60.5414823	0	2.44917412	
Orange	2028 Construction and Mining - Misc - Signal Boards	Aggregate	50	Gallone	0.000374253	0.000048822	0.000048822	0.000048822	0.000048822	0.000048822	0.000048822	0.000048822	0.000048822	0.000048822	910.750126	861.3	3872.1	48753.0
Orange	2028 Construction and Mining - Misc - Skid Steer Loaders	Aggregate	100	Gallone	0.000715021	0.000657767	0.000788637	0.037730871	0.001779834	1.564010874	0.000109047	8.23907E-05	1.51105E-05	2.15407E-05	61487.9	14413.85		

Orange	2028 Construction and Mining - Pavers	Aggregate	50 Diesel	8.201138-05	9.923366-05	0.00018096	0.0000985838	0.000551855	0.103719843	2.405545-05	2.213098-05	9.825186-07	0	3370.394395	3009.375118	8.397663724	467.43.63487
Orange	2028 Construction and Mining - Pavers	Aggregate	600 Diesel	7.642564-05	9.0297E-05	0.00017407	0.000027609	0.000360944	0.31864444	1.7244E-05	1.58645E-05	3.01769E-06	0	10551.7747	1138.87897	2.724402339	209349.9537
Orange	2028 Construction and Mining - Pavers	Aggregate	175 Diesel	0.000209802	0.000233861	0.000192115	0.000273435	0.000437306	0.44819772	7.7590E-05	7.13857E-05	4.24568E-06	0	14564.23231	8474.779329	21.78427968	235331.3491
Orange	2028 Construction and Mining - Pavers	Aggregate	750 Diesel	2.51838E-06	3.04723E-06	3.62466E-06	2.52574E-06	8.08397E-06	0.013024434	6.1471E-07	5.65533E-07	1.23378E-07	0	423.2312451	31.7081117	0.063131491	8389.966215
Orange	2028 Construction and Mining - Pavers	Aggregate	9999 Diesel	8.04062E-05	9.72915E-05	0.00015785	0.0000586055	0.001381801	0.299075582	3.11823E-05	2.88376E-05	0	9718.513211	23.0022114	0.041920437	192355.9025	
Orange	2028 Construction and Mining - Paving Equipment	Aggregate	100 Diesel	0.00138E-05	9.68167E-05	0.00010522	0.001504218	0.00077617	0.27288918	5.36678E-05	4.93744E-05	2.60776E-06	0	8945.964127	4001.002184	10.42768972	139872.7777
Orange	2028 Construction and Mining - Paving Equipment	Aggregate	175 Diesel	0.000448209	0.000542212	0.000546277	0.000648741	0.000388234	0.00012289	0.000113012	1.57921E-05	0	54172.65193	21880.05233	33.661004356	1067306.519	
Orange	2028 Construction and Mining - Paving Equipment	Aggregate	300 Diesel	0.000018704	0.000272122	0.000021594	0.001579785	0.000101778	0.747687405	4.96836E-05	4.57114E-05	7.0827E-06	0	24266.3288	5730.287224	10.67569886	483903.0222
Orange	2028 Construction and Mining - Paving Equipment	Aggregate	50 Diesel	0.000127622	0.000154422	0.000038704	0.000159354	0.001202347	0.22531471	3.62977E-05	3.33996E-05	2.13265E-05	0	7315.774173	8910.768505	23.2360713	118216.7201
Orange	2028 Construction and Mining - Paving Equipment	Aggregate	600 Diesel	0.00041542	0.000052658	0.000059255	0.000350008	0.00712483	0.75791586	9.3669E-05	8.61754E-05	1.66456E-05	0	57100.96414	8886.526889	15.4122265	1139221.239
Orange	2028 Construction and Mining - Paving Equipment	Aggregate	75 Diesel	7.21421E-05	8.16687E-05	0.000193185	0.000592315	0.000891922	0.00122523	0.000112656	8.18795E-06	0	5426.467315	3741.820084	8.155488289	459480.1943	
Orange	2028 Construction and Mining - Paving Equipment	Aggregate	750 Diesel	8.38813E-05	0.000014596	0.000120789	0.000744482	0.000494758	0.379358008	2.61406E-05	2.42798E-05	3.959384E-06	0	12328.18203	1067.271777	2.08339203	24488.9291
Orange	2028 Construction and Mining - Paving Equipment	Aggregate	9999 Diesel	6.31799E-05	7.64447E-05	9.09791E-05	0.000405755	0.001029543	2.41775E-05	2.22433E-05	2.52371E-06	0	7731.057592	426.0916217	0.820709883	153257.3806	
Orange	2028 Construction and Mining - Rollers	Aggregate	100 Diesel	0.000404172	0.000038681	0.000664867	0.007780534	0.000194848	1.414055006	0.000317753	0.000292333	1.33951E-05	0	45949.96413	2157.547371	56.89599371	31933.3693
Orange	2028 Construction and Mining - Rubber Tired Loaders	Aggregate	300 Diesel	0.000448209	0.000542212	0.000546277	0.000648741	0.000388234	0.00012289	0.000113012	1.57921E-05	0	54172.65193	21880.05233	33.661004356	1067306.519	
Orange	2028 Construction and Mining - Rubber Tired Loaders	Aggregate	300 Diesel	0.000516207	0.000015612	0.000233866	0.00149948	0.000948048	6.02398326	5.37606E-05	4.94508E-05	5.99564E-06	0	20567.27635	4699.67817	10.24518758	390959.5717
Orange	2028 Construction and Mining - Rubber Tired Loaders	Aggregate	50 Diesel	0.001447958	0.001754207	0.002087651	0.01614005	0.012539124	2.5493713	0.000429952	0.000395556	2.41497E-05	0	82842.57958	35251.31144	236.1885653	1132268.306
Orange	2028 Construction and Mining - Rubber Tired Loaders	Aggregate	600 Diesel	0.000115711	0.000140011	0.000166624	0.001134504	0.00026498	0.498453533	3.13251E-05	2.88191E-05	4.60318E-06	0	16099.26409	2206.80049	4.42825515	132661.7715
Orange	2028 Construction and Mining - Rubber Tired Loaders	Aggregate	750 Diesel	0.000370801	0.000448607	0.000539364	0.000913954	0.000149758	0.00122462	0.000112656	8.18795E-06	0	5426.467315	3741.820084	8.155488289	459480.1943	
Orange	2028 Construction and Mining - Rubber Tired Loaders	Aggregate	9999 Diesel	6.31799E-05	7.64447E-05	9.09791E-05	0.000405755	0.001029543	2.41775E-05	2.22433E-05	2.52371E-06	0	7731.057592	426.0916217	0.820709883	153257.3806	
Orange	2028 Construction and Mining - Rollers	Aggregate	100 Diesel	0.000404172	0.000038681	0.000664867	0.007780534	0.000194848	1.414055006	0.000317753	0.000292333	1.33951E-05	0	45949.96413	2157.547371	56.89599371	31933.3693
Orange	2028 Construction and Mining - Rubber Tired Loaders	Aggregate	300 Diesel	0.000448209	0.000542212	0.000546277	0.000648741	0.000388234	0.00012289	0.000113012	1.57921E-05	0	54172.65193	21880.05233	33.661004356	1067306.519	
Orange	2028 Construction and Mining - Rubber Tired Loaders	Aggregate	300 Diesel	0.000516207	0.000015612	0.000233866	0.00149948	0.000948048	6.02398326	5.37606E-05	4.94508E-05	5.99564E-06	0	20567.27635	4699.67817	10.24518758	390959.5717
Orange	2028 Construction and Mining - Rubber Tired Loaders	Aggregate	50 Diesel	0.001447958	0.001754207	0.002087651	0.01614005	0.012539124	2.5493713	0.000429952	0.000395556	2.41497E-05	0	82842.57958	35251.31144	236.1885653	1132268.306
Orange	2028 Construction and Mining - Rubber Tired Loaders	Aggregate	600 Diesel	0.000115711	0.000140011	0.000166624	0.001134504	0.00026498	0.498453533	3.13251E-05	2.88191E-05	4.60318E-06	0	16099.26409	2206.80049	4.42825515	132661.7715
Orange	2028 Construction and Mining - Rubber Tired Loaders	Aggregate	750 Diesel	0.000370801	0.000448607	0.000539364	0.000913954	0.000149758	0.00122462	0.000112656	8.18795E-06	0	5426.467315	3741.820084	8.155488289	459480.1943	
Orange	2028 Construction and Mining - Rubber Tired Loaders	Aggregate	9999 Diesel	6.31799E-05	7.64447E-05	9.09791E-05	0.000405755	0.001029543	2.41775E-05	2.22433E-05	2.52371E-06	0	7731.057592	426.0916217	0.820709883	153257.3806	
Orange	2028 Construction and Mining - Rough Terrain Forklifts	Aggregate	100 Diesel	0.000480397	0.00058128	0.000691771	0.010720262	0.004621413	21.01202923	0.000334874	0.000308084	1.95094E-05	0	65380.6254	2934.5712	91.61292213	1010937.498
Orange	2028 Construction and Mining - Rough Terrain Forklifts	Aggregate	175 Diesel	0.002823796	0.000147693	0.00466266	0.06613092	0.001490526	1.15410895	0.000810478	0.000110208	0	178652.4041	152365.2945	321.2923177	3719328.795	
Orange	2028 Construction and Mining - Rough Terrain Forklifts	Aggregate	300 Diesel	2.24232E-05	2.7143E-05	3.23024E-05	0.000215061	0.000158061	0.089897763	7.10788E-06	6.45545E-06	8.17378E-07	0	3216.949566	965.316987	1.95752667	6261.20989
Orange	2028 Construction and Mining - Rough Terrain Forklifts	Aggregate	50 Diesel	3.48031E-05	4.21177E-05	5.01164E-05	0.000435727	0.000369462	0.07294003	1.00091E-05	9.20835E-06	6.90947E-07	0	2370.19901	2595.920647	7.82927345	37008.06319
Orange	2028 Construction and Mining - Rough Terrain Forklifts	Aggregate	600 Diesel	0.00159146	6.09737E-06	7.25637E-06	5.25081E-05	0.027530274	0.687892E-07	8.91289E-07	2.60789E-06	0	894.6010406	12.60789E-06	0.31587086	19725.21388	
Orange	2028 Construction and Mining - Rubber Tired Loaders	Aggregate	75 Diesel	0.000808463	0.0009782	0.00116439	0.014726161	0.012878629	2.68036152	0.00014215	0.000303778	2.46634E-06	0	84604.48633	51647.87795	159.9340371	1456858.591
Orange	2028 Construction and Mining - Rubber Tired Loaders	Aggregate	750 Diesel	1.67441E-05	1.99275E-05	2.47975E-05	1.25734E-05	8.67911E-06	2.7249508E-06	8.67911E-06	2.7249508E-06	0	3173.322556	1471.843426	9.051738023	5807.45829	
Orange	2028 Construction and Mining - Rubber Tired Loaders	Aggregate	9999 Diesel	6.31799E-05	7.64447E-05	9.09791E-05	0.000405755	0.001029543	2.41775E-05	2.22433E-05	2.52371E-06	0	7731.057592	426.0916217	0.820709883	153257.3806	
Orange	2028 Construction and Mining - Rubber Tired Loaders	Aggregate	100 Diesel	0.000480397	0.00058128	0.000691771	0.010720262	0.004621413	21.01202923	0.000334874	0.000308084	1.95094E-05	0	65380.6254	2934.5712	91.61292213	1010937.498
Orange	2028 Construction and Mining - Rubber Tired Loaders	Aggregate	175 Diesel	0.002823796	0.000147693	0.00466266	0.06613092	0.001490526	1.15410895	0.000810478	0.000110208	0	178652.4041	152365.2945	321.2923177	3719328.795	
Orange	2028 Construction and Mining - Rubber Tired Loaders	Aggregate	300 Diesel	2.24232E-05	2.7143E-05	3.23024E-05	0.000215061	0.000158061	0.089897763	7.10788E-06	6.45545E-06	8.17378E-07	0	3216.949566	965.316987	1.95752667	6261.20989
Orange	2028 Construction and Mining - Rubber Tired Loaders	Aggregate	50 Diesel	3.48031E-05	4.21177E-05	5.01164E-05	0.000435727	0.000369462	0.07294003	1.00091E-05	9.20835E-06	6.90947E-07	0	2370.19901	2595.920647	7.82927345	37008.06319
Orange	2028 Construction and Mining - Rubber Tired Loaders	Aggregate	600 Diesel	0.00159146	6.09737E-06	7.25637E-06	5.25081E-05	0.027530274	0.687892E-07	8.91289E-07	2.60789E-06	0	894.6010406	12.60789E-06	0.31587086	19725.21388	
Orange	2028 Construction and Mining - Rubber Tired Loaders	Aggregate	75 Diesel	0.000808463	0.0009782	0.00116439	0.014726161	0.012878629	2.68036152	0.00014215	0.000303778	2.46634E-06	0	84604.48633	51647.87795	159.9340371	1456858.591
Orange	2028 Construction and Mining - Rubber Tired Loaders	Aggregate	750 Diesel	1.67441E-05	1.99275E-05	2.47975E-05	1.25734E-05	8.67911E-06	2.7249508E-06	8.67911E-06	2.7249508E-06	0	3173.322556	1471.843426	9.051738023	5807.45829	
Orange	2028 Construction and Mining - Rubber Tired Loaders	Aggregate	9999 Diesel	6.31799E-05	7.64447E-05	9.09791E-05	0.000405755	0.001029543	2.41775E-05	2.22433E-05	2.52371E-06	0	7731.057592	426.0916217	0.820709883	153257.3806	
Orange	2028 Construction and Mining - Rubber Tired Loaders	Aggregate	100 Diesel	0.000480397	0.00058128	0.000691771	0.010720262	0.004621413	21.01202923	0.000334874	0.000308084	1.95094E-05	0	65380.6254	2934.5712	91.61292213	1010937.498
Orange	2028 Construction and Mining - Rubber Tired Loaders	Aggregate	175 Diesel	0.002823796	0.000147693	0.00466266	0.06613092	0.001490526	1.15410895	0.000810478	0.000110208	0	178652.4041	152365.2945	321.2923177	3719328.795	
Orange	2028 Construction and Mining - Rubber Tired Loaders	Aggregate	300 Diesel	2.24232E-05	2.7143E-05	3.23024E-05	0.000215061	0.000158061	0.089897763	7.10788E-06	6.45545E-06	8.17378E-07	0	3216.949566	965.316987	1.95752667	6261.20989
Orange	2028 Construction and Mining - Rubber Tired Loaders	Aggregate	50 Diesel	3.48031E-05	4.21177E-05	5.01164E-05	0.000435727	0.000369462	0.07294003	1.00091E-05	9.20835E-06	6.90947E-07	0	2370.19901	2595.920647	7.82927345	37008.06319
Orange	2028 Construction and Mining - Rubber Tired Loaders	Aggregate	600 Diesel	0.00159146	6.09737E-06	7.25637E-06	5.25081E-05	0.027530274	0.687892E-07	8.91289E-07	2.60789E-06	0	894.6010406	12.60789E-06	0.31587086	19725.21388	
Orange	2028 Construction and Mining - Rubber Tired Loaders	Aggregate	75 Diesel	0.000808463	0.0009782	0.00116439	0.014726161	0.012878629	2.68036152	0.00014215	0.000303778	2.46634E-06	0	84604.48633	51647.87795	159.9340371	1456858.591
Orange	2028 Construction and Mining - Rubber Tired Loaders	Aggregate	750 Diesel	1.67441E-05	1.99275E-05	2.47975E-05	1.25734E-05	8.67911E-06	2.7249508E-06	8.67911E-06	2.7249508E-06						

Orange	2028 Construction and Mining - Trenchers	Aggregate	9999 Diesel	0.000111958	0.000135469	0.000161219	0.001009309	0.00789289	0.478669938	4.2032E-05	3.86694E-05	4.53466E-06	0	15555.34051	719.9084038	1.704502057	308362.8227
Orange	2028 Construction and Mining - Vacuum Truck	Aggregate	100 Diesel	7.92319E-06	9.58048E-06	1.14123E-05	0.000148666	9.11681E-05	0.022514748	1.73097E-06	5.60496E-06	2.22751E-07	0	76.1158464	395.7598171	0.820709383	12035.34777
Orange	2028 Construction and Mining - Vacuum Truck	Aggregate	175 Diesel	6.98821E-05	8.46762E-05	0.000100774	0.000128683	0.000447884	0.000447884	2.60076E-05	2.39070E-05	2.06805E-06	0	7094.159159	2545.728071	4.167124413	141671.2767
Orange	2028 Construction and Mining - Vacuum Truck	Aggregate	300 Diesel	6.58454E-05	7.96274E-05	9.48167E-05	0.000485031	0.000432639	0.237817193	1.78041E-05	1.63798E-05	2.2528E-06	0	7727.911168	1707.015157	2.65219363	154723.242
Orange	2028 Construction and Mining - Vacuum Truck	Aggregate	50 Diesel	9.20059E-06	1.11327E-05	1.32489E-05	8.99088E-05	0.000866E-05	0.012790351	2.41259E-06	2.21958E-06	1.21161E-07	0	415.6247013	473.370347	1.073489868	6112.1169969
Orange	2028 Construction and Mining - Vacuum Truck	Aggregate	600 Diesel	9.07115E-05	0.000107961	0.000130624	0.000027008	0.000643951	0.023395216	2.55866E-05	2.35397E-05	3.06434E-06	0	10508.78398	1647.858835	3.219706041	20821.92128
Orange	2028 Construction and Mining - Vacuum Truck	Aggregate	600 Diesel	0.000480254	0.000501107	0.000691965	0.00373325	0.002158244	1.821290959	0.00011857	0.000109085	1.54986E-07	0	500.784251	595.9323231	0.694466401	8929.746246
Orange	2028 Construction and Mining - Water Truck	Aggregate	175 Diesel	2.15222E-05	2.60419E-05	3.0992E-05	0.000380174	0.000169401	0.006485496	8.63786E-06	7.94655E-06	6.14359E-07	0	2107.474096	746.7426374	1.325761111	4110.45568
Orange	2028 Construction and Mining - Water Truck	Aggregate	300 Diesel	0.000118395	0.000143257	0.000170488	0.00094091	0.00866251	0.408798E-05	4.06798E-05	3.76094E-05	3.86608E-06	0	13262.07252	3062.948841	5.62483793	26749.0679
Orange	2028 Construction and Mining - Water Truck	Aggregate	50 Diesel	2.33916E-06	2.83038E-06	3.36839E-06	2.8083E-06	2.40371E-05	0.000517853	7.43553E-07	6.48609E-07	3.32329E-08	0	114.3132405	146.9398784	0.252529564	2038.379857
Orange	2028 Construction and Mining - Water Truck	Aggregate	600 Diesel	0.000480254	0.000501107	0.000691965	0.00373325	0.002158244	1.821290959	0.00011857	0.000109085	1.54986E-07	0	500.784251	595.9323231	0.694466401	8929.746246
Orange	2028 Construction and Mining - Water Truck	Aggregate	75 Diesel	1.22993E-05	1.48822E-05	1.7711E-05	0.000101599	0.000129682	0.033003755	5.05089E-06	4.64682E-06	3.12638E-07	0	1072.462789	488.83911	1.010103856	10544.38188
Orange	2028 Construction and Mining - Water Truck	Aggregate	750 Diesel	1.40729E-05	1.70282E-05	2.02649E-05	0.000143536	0.000180963	0.030751734	7.6023E-06	6.99412E-06	2.91305E-07	0	999.2829768	82.97972508	0.189394473	19809.38438
Orange	2028 Construction and Mining - Water Truck	Aggregate	9999 Diesel	2.15938E-05	2.61285E-05	3.10951E-05	0.000192479	0.000381222	0.008993902	7.00192E-06	6.44177E-06	9.3723E-07	0	3215.040724	213.7270027	0.379329553	67822.83026
Orange	2028 Forestry - Extraction	Aggregate	100 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2028 Forestry - Extraction	Aggregate	175 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2028 Forestry - Extraction	Aggregate	25 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2028 Forestry - Extraction	Aggregate	300 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2028 Forestry - Extraction	Aggregate	600 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2028 Forestry - Extraction	Aggregate	75 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2028 Forestry - Extraction	Aggregate	750 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2028 Forestry - Extraction	Aggregate	9999 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2028 Forestry - Maintenance & Construction	Aggregate	100 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2028 Forestry - Maintenance & Construction	Aggregate	175 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2028 Forestry - Maintenance & Construction	Aggregate	25 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2028 Forestry - Maintenance & Construction	Aggregate	300 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2028 Forestry - Maintenance & Construction	Aggregate	50 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2028 Forestry - Maintenance & Construction	Aggregate	600 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2028 Forestry - Maintenance & Construction	Aggregate	75 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2028 Forestry - Manufacturing	Aggregate	100 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2028 Forestry - Manufacturing	Aggregate	175 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2028 Forestry - Manufacturing	Aggregate	300 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2028 Forestry - Manufacturing	Aggregate	600 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2028 Forestry - Manufacturing	Aggregate	75 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2028 Forestry - Manufacturing	Aggregate	750 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2028 Forestry - Manufacturing	Aggregate	9999 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2028 Industrial - Aerial Lifts	Aggregate	100 Diesel	0.000127288	0.000238419	0.000248904	0.0049825	0.001847676	0.90498E-06	0.000137187	0.000126211	8.57277E-06	0	29407.73824	20667.73006	70.27289856	500052.970
Orange	2028 Industrial - Aerial Lifts	Aggregate	175 Diesel	0.000278032	0.000330640	0.000400366	0.007269651	0.001821216	1.276976444	7.97847E-05	7.34019E-05	1.20966E-05	0	41495.57233	22275.68826	49.74698836	820552.1827
Orange	2028 Industrial - Aerial Lifts	Aggregate	300 Diesel	5.47306E-06	6.62241E-06	7.88121E-06	5.21725E-05	2.44842E-05	0.02682003	9.94054E-07	9.1453E-07	2.54061E-07	0	871.5252967	237.889587	0.58094858	1272.669356
Orange	2028 Industrial - Aerial Lifts	Aggregate	50 Diesel	0.000812731	0.000983404	0.01170332	0.01332996	0.01094505	2.989364054	0.000230543	0.000212099	2.1772E-05	0	74685.74091	87099.288037	373.1221315	1255884.97
Orange	2028 Industrial - Aerial Lifts	Aggregate	600 Diesel	0.0023155E-06	0.0023155E-06	0.0023155E-06	0.0023155E-06	0.0023155E-06	0.0023155E-06	0.0023155E-06	0.0023155E-06	0.0023155E-06	0	0.0023155E-06	0.0023155E-06	0.0023155E-06	0.0023155E-06
Orange	2028 Industrial - Aerial Lifts	Aggregate	750 Diesel	0.00012924689	0.000154371	0.001861731	0.025024269	0.021801111	4.451183829	0.000279208	0.000256871	4.21652E-05	0	144641.9951	118784.5659	496.8562399	25040505.057
Orange	2028 Industrial - Boom	Aggregate	100 Diesel	9.5109E-05	0.000115082	0.000136957	0.0002556345	0.000927546	0.436730828	7.82104E-05	7.28736E-05	4.13706E-06	0	1419.126888	9461.14925	0.91090613	252660.6856
Orange	2028 Industrial - Boom	Aggregate	175 Diesel	0.000111177	0.000134524	0.000165004	0.000236783	0.000636233	0.392717654	2.67898E-05	2.46466E-05	3.72014E-06	0	12761.42888	664.242151	8.849308591	254009.7516
Orange	2028 Industrial - Boom	Aggregate	300 Diesel	1.42587E-06	1.7504E-06	2.0556E-06	0.000121877	6.12384E-06	0.058338316	2.16875E-07	2.4725E-07	5.52452E-07	0	1895.112852	0.30.34312	0.23567088	399.49.96506
Orange	2028 Industrial - Boom	Aggregate	50 Diesel	0.0001218824	0.000147477	0.001755107	0.018520339	0.01516418	0.000277737	0.000255518	2.70079E-05	0	92647.00386	100011.5864	251.216186	1640037.413	
Orange	2028 Industrial - Boom	Aggregate	600 Diesel	1.35243E-05	1.63644E-05	1.9475E-05	0.000113894	5.8613E-05	0.057575174	3.24296E-06	2.9852E-06	5.45398E-07	0	1870.915312	304.1338221	0.47125664	38643.22767
Orange	2028 Industrial - Boom	Aggregate	75 Diesel	0.001877428	0.002151225	0.002567157	0.028436396	0.02459161	7.464092118	0.000264323	0.000243177	4.51293E-05	0	154810.0045	119799.1374	232.8280967	275405.779
Orange	2028 Industrial - Boom	Aggregate	9999 Diesel	6.82004E-06	1.04302E-05	1.24129E-05	7.55358E-06	0.000128236	0.037800673	2.47422E-07	2.27628E-07	3.58136E-07	0	1228.535749	71.62408948	0.117818916	24353.99926
Orange	2028 Industrial - Forklifts	Aggregate	100 Diesel	0.000178987	0.000216578	0.002577409	0.038467837	0.017734462	6.734918E-05	0.001828287	6.37986E-06	3.17806E-06	0	218852.3879	215205.9092	62.67070804	3627648.52
Orange	2028 Industrial - Forklifts	Aggregate	100 Diesel	0.005229814	0.006328075	0.007530932	0.115197053	0.003178977	18.84471291	0.001450214	0.001331497	0.0000178512	0	61262.2386	478775.7131	79.1426003	1207441.2
Orange	2028 Industrial - Forklifts	Aggregate	25 Diesel	9.63497E-07	1.16614E-06	1.3878E-06	8.44778E-06	0.0002120245	4.77547E-07	4.39348E-07	2.09372E-08	0	71.8222976	3.52308909	0.01718916	9.245541382	
Orange	2028 Industrial - Forklifts	Aggregate	300 Diesel	0.0004887798	0.000592035	0.00702429	0.003847045	0.003165145	1.88248686	0.000148551	0.000136666	1.95752E-05	0	54800.7949	2549.01245	49.86576016	1091880.705
Orange	2028 Industrial - Forklifts	Aggregate	50 Diesel	0.000602057	0.00071348E-06	0.00086962	0.000731429	0.00579191	1.128928194	0.00017218	0.000158423	1.06932E-06	0	36681.5172	63007.377	73.78086474	53146.122
Orange	2028 Industrial - Forklifts	Aggregate	600 Diesel	0.000145909	0.00017655	0.00021011	0.001426625	0.001033487	0.51048306	4.97547E-05	4.57743E-05	4.84106E-06	0	16606.6308	441.044335	93.41134995	336905.7066
Orange	2028 Industrial - Forklifts	Aggregate	75 Diesel	0.003664419	0.004413947	0.005276764	0.057993193	0.050665985	9.923946587	0.000811594	0.000746667	9.40076E-05	0	322480.3758	144028.0014	989.8565977	5500826.956
Orange	2028 Industrial - Forklifts	Aggregate	750 Diesel	7.17386E-06	9.11597E-06	1.08488E-05	7.5547E-05	2.90654E-05	0.038959331	2.01918E-06	1.89434E-06	3.60022E-07	0	1265.879772	17.0794466	0.33546748	25094.29216
Orange	2028 Industrial - Forklifts	Aggregate	9999 Diesel	0.000216917	0.000225555	0.002244623	0.0201345	0.003031112	7.21238E-06	6.36203E-06	5.85360E-06	6.72838E-06	0	2359.88046	1554.977298	0.61734407	46829.598
Orange	2028 Industrial - Garbage Refuse	Aggregate	175 Diesel	1.72342E-06	2.08403E-06	2.48017E-06	1.53336E-05	1.1995E-05	0.000425009	5.53357E-07	8.77088E-07	4.03164E-08	0	138.299767	55.8849365	0.117818916	2741.590935
Orange	2028 Industrial - Garbage Refuse	Aggregate	300 Diesel	4.9826E-06	5.95109E-06	7.08229E-06	2.54168E-05	0.020831842	1.05214E-06	9.78193E-07	1.97367E-07	0	676.934164	149.630869	0.235637832	13419.27459	
Orange	2028 Industrial - Garbage Refuse	Aggregate	50 Diesel	2.83838E-07	3.43468E-07												

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Orange	2028 Light Commercial - Misc - Generator Sets	Aggregate	2 Gasoline	0.645638211	0.652004594	0.710485466	0.196977233	0.184362205	24.2930737	0.00075446	0.00098955	0.000428139	0.000590991	1634628.016	0	0	10239846	0
Orange	2028 Light Commercial - Misc - Generator Sets	Aggregate	2 Electric	0	0	0	0	0	0	0	0	0	0	0	0	0	30270.10682	0
Orange	2028 Light Commercial - Misc - Generator Sets	Aggregate	2 Gasoline	0.00672259	0.00743568	0.00810497	0.60098984	0.000412204	1.084251817	1.330586	1.761066	2.08235	2.873436	81845.20805	0	0	813.149414	0
Orange	2028 Light Commercial - Misc - Generator Sets	Aggregate	25 Diesel	0.00278259	0.003350091	0.004003899	0.011425082	0.021130468	2.785338072	0.00056308	0.00074523	2.6434865	2.277125	90598.0526	0	0	339.2503793	0
Orange	2028 Light Commercial - Misc - Generator Sets	Aggregate	5 Gasoline	0.060271747	0.006874464	0.066325382	2.801185	0.013380444	6.013549416	7.5502235	9.992946	0.00012826	0.000419338	396314.9482	0	0	2346.63813	0
Orange	2028 Light Commercial - Misc - Generator Sets	Aggregate	50 Gasoline	0.01109034	0.010200614	0.011220906	0.806549734	0.02335588	9.563678545	0.00059311	0.00049846	0.000116277	0.000144125	411406.1	185788.65	0	1617.6	5945236.8
Orange	2028 Light Commercial - Misc - Generator Sets	Aggregate	50 Diesel	0.00334234	0.00398014	0.004801296	0.00906047	0.00480138	2.92525136	0.00017909	0.000466201	0.00010113	6.485335	25.77955	0	0	547.36	184773.9
Orange	2028 Light Commercial - Misc - Pressure Washers	Aggregate	15 Gasoline	0.075428378	0.07616261	0.08300433	5.069621238	0.037612609	0.001954988	0.000139487	0.000184697	0.000260539	740838.318	0	0	24756.80077	0	
Orange	2028 Light Commercial - Misc - Pressure Washers	Aggregate	15 Diesel	1.816255	2.18455E-05	2.61089E-05	0.000127353	0.000153567	0.021041115	4.27286E-06	5.65525E-06	1.19695E-07	1.72019E-07	684.3995099	0	0	21.48378188	0
Orange	2028 Light Commercial - Misc - Pressure Washers	Aggregate	15 Electric	0	0	0	0	0	0	0	0	0	0	0	0	0	47008.67426	0
Orange	2028 Light Commercial - Misc - Pressure Washers	Aggregate	2 Gasoline	4.4389E-05	4.48329E-06	4.88474E-05	0.0009204	1.47911E-06	0.002112774	2.54089E-06	3.36268E-06	3.56996E-06	4.92786E-06	138.5254469	0	0	18.081482774	0
Orange	2028 Light Commercial - Misc - Pressure Washers	Aggregate	2 Electric	0	0	0	0	0	0	0	0	0	0	0	0	0	34.34611262	0
Orange	2028 Light Commercial - Misc - Pressure Washers	Aggregate	25 Gasoline	0.001181592	0.001197044	0.001304232	0.096607272	0.000570375	0.1920221	2.44807E-06	3.24010E-06	4.55086E-06	1297845.516	0	0	164.2599818	0	
Orange	2028 Light Commercial - Misc - Pressure Washers	Aggregate	25 Diesel	7.03866E-06	8.46589E-06	1.01181E-05	2.86883E-05	5.36246E-05	0.0070646	1.41502E-06	1.87828E-06	5.76609E-08	229.1966274	0	0	4.934854475	0	
Orange	2028 Light Commercial - Misc - Pressure Washers	Aggregate	25 Electric	0	0	0	0	0	0	0	0	0	0	0	0	0	311.899792	0
Orange	2028 Light Commercial - Misc - Pressure Washers	Aggregate	5 Gasoline	0.140190077	0.141519178	0.154270628	0.731656051	0.05828527	1.2824108	0.000193948	0.000256696	0.000263363	0.000363006	1929.159127	0	0	64684.44386	0
Orange	2028 Light Commercial - Misc - Pressure Washers	Aggregate	5 Electric	0	0	0	0	0	0	0	0	0	0	0	0	0	12.843.0108	0
Orange	2028 Light Commercial - Misc - Pressure Washers	Aggregate	50 Gasoline	0.000104622	9.62311E-06	0.00011513	0.00757482	0.000169481	0.096831682	6.675499E-06	5.0437E-06	1.17778E-06	1.44747E-06	4131.8	1664.4	14.49	48267.6	0
Orange	2028 Light Commercial - Misc - Pressure Washers	Aggregate	50 Diesel	1.11095E-05	1.11022E-05	1.58537E-05	0.00026193	0.000290912	0.037928758	2.75666E-06	2.53612E-06	4.13131E-06	3.1036E-07	1233.7	1894.35	0	71985.3	0
Orange	2028 Light Commercial - Misc - Pumps	Aggregate	100 Gasoline	0.002648653	0.002436231	0.002914681	0.143824652	0.006674358	5.428476579	0.000178486	0.000285968	5.24467E-05	7.50701E-05	214287.85	36171.5	163.86	1336349.5	0
Orange	2028 Light Commercial - Misc - Pumps	Aggregate	150 Gasoline	0.024058672	0.024299259	0.026475101	1.567350602	0.013197426	6.364563821	4.46072E-05	5.90388E-05	5.8822E-05	8.1196E-05	23058.8758	0	0	5841.246501	0
Orange	2028 Light Commercial - Misc - Pumps	Aggregate	15 Diesel	0.001393972	0.001676642	0.002003857	0.008714492	0.010519437	1.440142779	0.000292443	0.000387057	0.000013668	1.17737E-05	46843.19383	0	0	348.3737336	0
Orange	2028 Light Commercial - Misc - Pumps	Aggregate	175 Gasoline	0.000101865	9.3655E-05	0.000112096	0.000863874	0.000128878	0.24645115	1.76675E-05	1.13488E-05	2.44817E-06	3.4837E-06	9814.85	1091.35	4.95	157154.4	0
Orange	2028 Light Commercial - Misc - Pumps	Aggregate	2 Electric	0.011335547	0.011446883	0.012478719	0.10543789	0.000655509	0.315474729	3.057186E-06	4.04625E-06	5.1315E-06	7.08337E-06	1942.138956	0	0	2117.286153	0
Orange	2028 Light Commercial - Misc - Pumps	Aggregate	25 Gasoline	0.000178685	0.000180472	0.000196632	0.12019787	0.000125572	0.0029931619	3.68827E-07	4.82E-07	6.65338E-07	1896.171559	0	0	19.45137026	0	
Orange	2028 Light Commercial - Misc - Pumps	Aggregate	25 Diesel	0.001131452	0.001360888	0.001626481	0.004618826	0.008579429	1.72563484	0.00022633	0.000299545	0.000010683	9.20246E-06	36132.01637	0	0	104.039394	0
Orange	2028 Light Commercial - Misc - Pumps	Aggregate	5 Gasoline	0.01635207	0.01369701	0.01396702	0.001874046	0.000289524	1.961734E-05	2.29913E-05	3.21745E-05	2.44121E-05	124647.4167	0	0	6413.112121	0	
Orange	2028 Light Commercial - Misc - Pumps	Aggregate	50 Gasoline	0.001719955	0.001619456	0.001979302	0.144976348	0.000721823	1.046785328	9.95382E-05	7.52067E-05	2.22478E-05	630.35	28532.05	129.29	88449.55	0	
Orange	2028 Light Commercial - Misc - Pumps	Aggregate	50 Diesel	0.002155708	0.002565471	0.003104219	0.03071071	0.025762728	4.64208631	0.000448069	0.000412223	5.85948E-05	3.79842E-05	150989.55	96461.6	239.66	586561.2	0
Orange	2028 Light Commercial - Misc - Welders	Aggregate	100 Gasoline	0.0026995	0.002481318	0.00297078	0.112260239	0.007174439	5.47448009	0.000317086	0.000239576	4.39385E-05	6.31605E-05	108097.5	56467.6	262.17	381215.5	0
Orange	2028 Light Commercial - Misc - Welders	Aggregate	15 Gasoline	0.119757393	0.120945747	0.127663547	0.000121761	0.000121761	0.124441109	0.000121761	0.000121761	0.000121761	0.000121761	91607.3184	0	0	91607.3184	0
Orange	2028 Light Commercial - Misc - Welders	Aggregate	15 Diesel	0.000840692	0.001011168	0.001208508	0.005256027	0.006344321	0.886623547	0.000176348	0.000233402	8.24383E-06	7.10132E-06	28253.51886	0	0	157.5004686	0
Orange	2028 Light Commercial - Misc - Welders	Aggregate	15 Electric	0	0	0	0	0	0	0	0	0	0	0	0	0	81571.4671	0
Orange	2028 Light Commercial - Misc - Welders	Aggregate	175 Gasoline	0.000267405	0.000245599	0.000292462	0.018703183	0.000978565	0.566240034	4.05934E-06	3.80706E-05	5.625E-06	7.90609E-06	22547.95	3375.85	18.1	488260.5	0
Orange	2028 Light Commercial - Misc - Welders	Aggregate	50 Diesel	0.000189329	0.000190313	0.000200343	0.000294847	0.000189329	0.000189329	1.38631E-05	1.38631E-05	1.38631E-05	1.38631E-05	45083.17017	0	0	138.6209273	0
Orange	2028 Light Commercial - Misc - Welders	Aggregate	50 Gasoline	0.000404089	0.003716819	0.00446763	0.009426594	0.006414273	2.879740083	0.000199719	0.000150899	3.52227E-05	4.50492E-05	128593.15	13578.03	256.86	2401663.5	0
Orange	2028 Light Commercial - Misc - Welders	Aggregate	50 Diesel	0.007755669	0.00922887	0.011168163	0.100121209	0.076102279	13.20010538	0.001425614	0.00131565	0.000166237	0.000108013	42935.6	361963.2	563.61	16650307.2	0
Orange	2028 Locomotive - Line Haul	Aggregate	0 Diesel	0.038	0.046	0.055	0.31	1.14	0	0.025	0.023	0.001	0.0098	0	0	0	0	0
Orange	2028 Locomotive - Passenger	Aggregate	750 Diesel	0.004502372	0.004502372	0.005375195	2.513238E-05	0.037735751	15.03782638	0.000157712	0.000157712	0.000157712	0.000157712	48768.2386	0	0	4.008904769	0
Orange	2028 Military Tactical Support - Misc - A/C Unit	Aggregate	100 Diesel	3.35643E-05	3.99443E-06	4.83327E-06	0.000829741	0.000461028	0.145959202	1.24241E-05	1.14302E-05	1.67695E-06	1.19461E-06	4748.85	1372.4	4.55	138612.4	0
Orange	2028 Military Tactical Support - Misc - A/C Unit	Aggregate	186503E-05	2.11594E-05	2.68564E-06	0.00014266	0.000146249	0.000146249	0.12485584	4.27159E-06	3.92866E-06	1.02198E-06	4062.45	5373.0	15.91944	0	0	
Orange	2028 Military Tactical Support - Misc - A/C Unit	Aggregate	600 Diesel	1.10002E-05	1.30911E-05	1.58403E-05	0.000125988	8.17031E-05	0.07498817	2.50566E-06	2.3052E-06	7.22302E-07	6.08783E-07	2419.95	226.3	0.75	71284.5	0
Orange	2028 Military Tactical Support - Misc - A/C Unit	Aggregate	750 Diesel	7.14073E-06	8.84626E-06	0.000151893	0.000151893	0.000151893	0.000151893	2.43292E-06	2.43292E-06	2.43292E-06	2.43292E-06	87805	368.45	1.25	25952.2	0
Orange	2028 Military Tactical Support - Misc - A/C Unit	Aggregate	100 Diesel	1.35226E-05	1.69510E-05	1.94724E-05	0.000193752	0.000116107	0.078505682	4.2722E-06	3.93043E-06	8.65887E-07	5.0891E-07	2555	532.9	1.78	7460.0	0
Orange	2028 Military Tactical Support - Misc - Cart	Aggregate	100 Diesel	3.13607E-06	3.72181E-06	4.51594E-06	7.75265E-05	4.30759E-05	0.013690262	1.16084E-06	1.06798E-06	1.12023E-07	445.3	160.6	0.52	13008.6	0	
Orange	2028 Military Tactical Support - Misc - Cart	Aggregate	175 Diesel	1.10037E-06	1.15906E-06	1.59606E-06	3.27287E-06	9.51662E-06	0.006171839	5.31602E-07	3.22155E-07	7.09718E-08	5.05024E-08	200.75	5.11	0.16	7818.3	0
Orange	2028 Military Tactical Support - Misc - Cart	Aggregate	300 Diesel	4.8198E-06	4.88874E-06	5.91538E-06	4.71942E-05	1.22128E-05	0.027268308	9.40858E-07	8.6559E-07	1.04607E-07	2.23129E-07	886.95	124.1	0.44	24447.7	0
Orange	2028 Military Tactical Support - Misc - Communications	Aggregate	100 Diesel	1.44030E-06	1.44030E-06	1.44030E-06	1.44030E-06	1.44030E-06	1.44030E-06	1.44030E-06	1.44030E-06	1.44030E-06	1.44030E-06	1.44030E-06	1.44030E-06	1.44030E-06	1.44030E-06	1.44030E-06
Orange	2028 Military Tactical Support - Misc - Communications	Aggregate	50 Diesel	1.87967E-06	1.0691E-06	1.29151E-06	1.38757E-05	1.23268E-05	0.001795444	1.91235E-07	1.91235E-07	2.84243E-08	1.46916E-08	58.4	58.4	0.16	2336	0
Orange	2028 Military Tactical Support - Misc - Compressor	Aggregate	100 Diesel	3.45093E-05	4.11654E-05	4.88101E-05	0.00085104	0.000475121	0.150256232	1.28031E-06	1.17796E-05	1.72852E-06	1.2295E-06	4887.35	2018.45	6.7	143039.95	0
Orange	2028 Military Tactical Support - Misc - Compressor	Aggregate	175 Diesel	1.61306E-06	1.19397E-06	2.3228E-06	4.4696E-05	1.38499E-05	0.00201651	5.9013E-07	4.68844E-07	1.03288E-07	7.52945E-08	299.1	58.4	0.16	9752.8	0
Orange	2028 Military Tactical Support - Misc - Compressor	Aggregate	300 Diesel	4.2771E-06	4.36487E-06	4.2771E-06	4.2771E-06	4.2771E-06	4.2771E-06	4.2771E-06	4.2771E-06	4.2771E-06	4.2771E-06	4.2771E-06	4.2771E-06	4.2771E-06	4.2771E-06	4.2771E-06
Orange	2028 Military Tactical Support - Misc - Compressor	Aggregate	50 Diesel	1.10407E-06	1.30655E-06	1.58467E-06	1.69978E-05	1.51515E-05	0.00213209	2.54658E-07	2.34285E-07	3.8197E-08						

Orange	2028 Ocean Going Vessels - Tanker	Aggregate	0 Diesel	0.004128566	0.00449143	0.005367561	0.009250925	0.095725138	3.531396463	0.001150039	0.001058036	0.002460011	0.000112241	114864.9227	946.520416	0	1951374.609
Orange	2028 Ocean Going Vessels - Tanker	Aggregate	Aframax Diesel	0.02164302	0.019107793	0.022810584	0.044543132	0.36439239	24.032717378	0.007307453	0.006722857	0.017500694	0.000400664	810673.6094	27278.13509	0	11629441.39
Orange	2028 Ocean Going Vessels - Tanker	Aggregate	Handysize Diesel	0.021314656	0.024446441	0.029202175	0.049754411	0.433632861	23.0721357	0.007053398	0.006489126	0.015111099	0.000136669	750462.0658	17478.55924	0	119518003.64
Orange	2028 Ocean Going Vessels - Tanker	Aggregate	Panamax Diesel	0.020862102	0.0205517093	0.02448174	0.045194373	0.380095827	30.85449253	0.008461433	0.007784519	0.020435037	0.000391991	1003597.001	36055.50558	0	13877903.15
Orange	2028 Ocean Going Vessels - Tanker	Aggregate	Suezmax Diesel	0.050201004	0.039645789	0.047314029	0.099659556	0.742085793	52.5808523	0.015954706	0.014678329	0.038297224	0.000673178	1710270.131	464.3743022	0	24613227.97
Orange	2028 Ocean Going Vessels - Tanker	Aggregate	ULCC Diesel	0.040814763	0.028020011	0.033455912	0.071643005	0.493314323	31.30245671	0.010533407	0.009793140	0.02515168	0.000538067	1018167.81	19970.59405	0	15385028.48
Orange	2028 Ocean Going Vessels - Tanker	Aggregate	VLLC Diesel	0.027154639	0.018159572	0.021172148	0.049431927	0.353172016	23.6460794	0.005179078	0.006927752	0.018393211	0.000178058	770711.4084	20457.83719	0	11070459.65
Orange	2028 Ocean Going Vessels - Tankers (Other)	Aggregate	0 Diesel	0.000484872	0.000673912	0.000799608	0.00112905	0.020245165	1.275140613	0.000313137	0.000280886	0.000808336	2.70767E-05	41476.20624	353.0785781	0	526277.8687
Orange	2028 Oil Drilling - Drill Rig	Aggregate	100 Diesel	1.26848E-05	1.53046E-05	1.82137E-05	0.000290734	0.000118645	0.052368947	1.00423E-06	3.28955E-06	4.96081E-07	0	1701.738065	59.1786211	1.134025311	26946.60138
Orange	2028 Oil Drilling - Drill Rig	Aggregate	175 Diesel	0.000109997	0.000205663	0.000244756	0.003333392	0.00114109	0.592859963	4.7947E-05	4.41121E-05	5.45501E-06	0	18712.68996	4919.569773	7.39211207	342771.0893
Orange	2028 Oil Drilling - Drill Rig	Aggregate	300 Diesel	0.000262242	0.000317313	0.000337929	0.002194989	0.00127821	0.98618747	6.30121E-05	5.75931E-05	0	0	32046.3754	5046.9653178	7.781743132	585571.4832
Orange	2028 Oil Drilling - Drill Rig	Aggregate	50 Diesel	1.9117E-05	2.31136E-05	2.7285E-05	0.00023406	0.000176333	0.034511046	5.96619E-06	5.4889E-06	3.26916E-07	0	1121.42447	720.8028091	1.720838213	16498.96937
Orange	2028 Oil Drilling - Drill Rig	Aggregate	600 Diesel	0.000605715	0.000729215	0.000872229	0.005088119	0.003180541	2.22392931	0.000166368	0.000153058	2.10669E-05	0	72269.7094	6494.533076	1591342.851	1391342.851
Orange	2028 Oil Drilling - Drill Rig	Aggregate	75 Diesel	2.76931E-05	3.35087E-05	3.98781E-05	0.00038584	0.000233713	0.063536687	4.66792E-06	4.29448E-06	6.19111E-07	0	2123.77959	1120.325007	2.26810573	35389.64798
Orange	2028 Oil Drilling - Drill Rig	Aggregate	95 Diesel	9.20512E-05	0.000115539	0.000155239	0.000115539	0.000115539	0.041442305	2.24226E-05	0.000115539	0.1344521E-06	0	11094.80564	659.78090294	1.1344521E-06	220221.5663
Orange	2028 Oil Drilling - Drill Rig	Aggregate	9999 Diesel	6.65314E-05	8.0503E-05	9.58053E-05	0.000068355	0.00174054	0.307053872	2.53015E-05	2.32774E-05	2.90866E-06	0	9977.769133	464.3874846	0.782528689	9200836.85
Orange	2028 Oil Drilling - Drill Rig (Mobile)	Aggregate	100 Diesel	1.24701E-05	1.50888E-05	1.79569E-05	0.000020241	0.000126394	0.031554412	5.98821E-06	8.8217E-06	2.98090E-07	0	1025.36618	413.9704647	0.6719848	18283.83754
Orange	2028 Oil Drilling - Drill Rig (Mobile)	Aggregate	175 Diesel	0.000206729	0.00020142	0.00029769	0.00381438	0.001394061	0.679139201	6.4804E-05	5.96197E-05	6.43335E-06	0	22068.74682	5607.440731	8.72157152	395802.1125
Orange	2028 Oil Drilling - Drill Rig (Mobile)	Aggregate	300 Diesel	0.000201676	0.000214028	0.000290413	0.001707919	0.000989829	0.775827905	4.88798E-05	4.49644E-05	7.34027E-06	0	25210.66113	3952.174583	6.34973505	12070459.65
Orange	2028 Oil Drilling - Drill Rig (Mobile)	Aggregate	50 Diesel	1.57211E-05	1.90252E-05	2.26383E-05	0.000193399	0.000149082	0.031228382	5.14147E-06	4.73015E-06	2.9582E-07	0	1014.77125	672.5666409	1.5636096	13361.91382
Orange	2028 Oil Drilling - Drill Rig (Mobile)	Aggregate	600 Diesel	0.000660555	0.000799393	0.000951343	0.000933846	0.002529221	0.000181142	0.00016665	2.32396E-05	0	0	79720.15873	7320.61614	12.51672394	1536726.318
Orange	2028 Oil Drilling - Drill Rig (Mobile)	Aggregate	75 Diesel	2.78988E-05	3.37576E-05	4.01743E-05	0.000383816	0.000131955	0.06966939	6.43448E-06	5.91973E-06	6.59965E-07	0	2263.91894	1004.118757	1.994208411	32978.07377
Orange	2028 Oil Drilling - Drill Rig (Mobile)	Aggregate	750 Diesel	0.000121242	0.000147913	0.000176029	0.00091794	0.000841284	4.93636322	4.25136E-05	3.91291E-05	4.16459E-06	0	14286.26899	858.233374	1.565070511	281783.9957
Orange	2028 Oil Drilling - Drill Rig (Mobile)	Aggregate	9999 Diesel	0.000103571	0.000125321	0.000149142	0.000701749	0.0010180814	0.36626006	3.62606E-06	3.33597E-06	3.46951E-06	0	11901.66281	627.010873	1.179471022	238209.1709
Orange	2028 Oil Drilling - Misc - Compressors (Workover)	Aggregate	25 Diesel	4.24488E-06	5.05176E-06	6.11263E-06	2.0428E-05	3.38792E-05	0.000815319	1.5015E-06	1.38138E-06	6.40086E-07	0	3.12197E-06	124.1	240.9	0.32
Orange	2028 Oil Drilling - Misc - Generator (Drilling)	Aggregate	50 Diesel	2.54364E-06	3.02714E-06	3.66285E-06	3.01406E-05	2.0499E-05	0.003590888	4.0458E-07	3.72214E-07	4.22839E-08	2.93832E-08	11.68	116.8	0	385.4
Orange	2028 Oil Drilling - Workover Rig (Mobile)	Aggregate	100 Diesel	6.79432E-06	8.21131E-06	9.78382E-06	0.000123326	0.1461E-05	0.020701256	3.48093E-06	3.20246E-06	2.46958E-07	0	847.157241	230.326363	0.23459544	9270.633829
Orange	2028 Oil Drilling - Workover Rig (Mobile)	Aggregate	175 Diesel	4.12306E-05	4.98891E-05	5.93721E-05	6.66183E-05	2.89621E-05	1.59527E-05	1.46765E-05	0.101771E-05	0	0	349.112325	0.155396247	0.155396247	349.112325
Orange	2028 Oil Drilling - Workover Rig (Mobile)	Aggregate	300 Diesel	8.42413E-05	0.000101932	0.000121308	0.00063058	0.000473968	0.025011428	2.71882E-05	2.50132E-05	2.38726E-06	0	8189.155321	1313.490232	1.838219476	155774.1866
Orange	2028 Oil Drilling - Workover Rig (Mobile)	Aggregate	50 Diesel	4.80607E-07	5.80881E-07	6.91297E-07	6.59943E-06	4.87309E-06	0.000925305	9.43053E-08	8.67608E-08	8.76524E-09	0	30.6795661	21.8895762	0.03099924	386.5714027
Orange	2028 Oil Drilling - Workover Rig (Mobile)	Aggregate	600 Diesel	0.001584871	0.001917694	0.002282315	0.014015816	0.007102627	0.062154858	0.000360318	0.000331401	5.7041E-05	0	195971.2709	18419.38418	21.95071168	5340054.587
Orange	2028 Oil Drilling - Workover Rig (Mobile)	Aggregate	750 Diesel	6.44020E-05	7.84331E-05	9.33419E-05	0.000174939	0.000174939	2.19193216E-05	1.87488E-06	1.87488E-06	6.51152E-07	0	6411.521854	991.9883017	6.51152E-07	127944.1305
Orange	2028 Pleasure Craft - Personal Water Craft	Aggregate	120 Gasoline	0.437329517	0.441702811	0.481254546	1.702801229	0.030895433	6.026414517	0.021664894	0.016369027	9.74398E-05	0.000134503	381487.5765	0	0	2078.159963
Orange	2028 Pleasure Craft - Personal Water Craft	Aggregate	15 Gasoline	2.20498E-06	2.22703E-06	2.42644E-06	5.52348E-05	1.07021E-06	0.000135583	1.09028E-08	8.2377E-09	2.41543E-09	3.33418E-09	5.88123065	0	0	0.37937447
Orange	2028 Pleasure Craft - Personal Water Craft	Aggregate	175 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2028 Pleasure Craft - Personal Water Craft	Aggregate	175 Gasoline	0.165172832	0.166824561	0.181762627	1.696471552	0.092104362	8.909879492	0.012838642	0.009700306	0.000115461	0.00015938	453245.1463	0	0	1892.394889
Orange	2028 Pleasure Craft - Personal Water Craft	Aggregate	175 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2028 Pleasure Craft - Personal Water Craft	Aggregate	25 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2028 Pleasure Craft - Personal Water Craft	Aggregate	25 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2028 Pleasure Craft - Personal Water Craft	Aggregate	250 Gasoline	0.25774441	0.260321854	0.283632001	3.328042762	0.078640972	17.67824942	0.001764604	0.001333256	0.000225635	0.00031146	887960.2078	0	0	2986.787716
Orange	2028 Pleasure Craft - Personal Water Craft	Aggregate	250 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2028 Pleasure Craft - Personal Water Craft	Aggregate	50 Gasoline	0.179141898	0.180933317	0.197134731	0.385130615	0.0016399	0.912683879	0.008910462	0.00673235	2.07697E-05	2.86698E-05	79927.14333	0	0	744.8939756
Orange	2028 Pleasure Craft - Personal Water Craft	Aggregate	500 Gasoline	0.017259274	0.017431867	0.018992778	0.222275669	0.005021372	1.150334185	0.000120055	9.0708E-05	1.47718E-05	0.030905E-05	581.68878	0	0	137.2011249
Orange	2028 Pleasure Craft - Personal Water Craft	Aggregate	500 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2028 Pleasure Craft - Personal Water Craft	Aggregate	750 Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2028 Pleasure Craft - Personal Water Craft	Aggregate	750 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2028 Pleasure Craft - Sailboat Auxiliary Inboard Engine	Aggregate	120 Gasoline	0.000852424	0	0.000860939	0.000938029	0.016064782	0.00064322	0.080026367	0.000270284	0.0002042	1.03983E-06	1.43534E-06	4033.786072	0	16.93795972
Orange	2028 Pleasure Craft - Sailboat Auxiliary Inboard Engine	Aggregate	120 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2028 Pleasure Craft - Sailboat Auxiliary Inboard Engine	Aggregate	15 Gasoline	0.000080609	8.86691E-05	9.46477E-05	0.001641883	5.95822E-05	0.008749724	1.68895E-05	1.27609E-05	1.74529E-07	0	433.769629	0	0	16.20792016
Orange	2028 Pleasure Craft - Sailboat Auxiliary Inboard Engine	Aggregate	15 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2028 Pleasure Craft - Sailboat Auxiliary Inboard Engine	Aggregate	175 Gasoline	0.00095818	0.00096818	0.001054879	0.006820505	0.00657847	0.084296148	8.48035E-06	6.40738E-06	9.41092E-07	1.29906E-06	3668.555593	0	0	11.04148552
Orange	2028 Pleasure Craft - Sailboat Auxiliary Inboard Engine	Aggregate	175 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2028 Pleasure Craft - Sailboat Auxiliary Inboard Engine	Aggregate	25 Gasoline	0.000160678	0.000162285	0.000176817	0.0002594922	0.000125573	0.016514208	5.93861E-05	4.48695E-05	2.24796E-07	3.10303E-07	812.3875651	0	0	18.45419599
Orange	2028 Pleasure Craft - Sailboat Auxiliary Inboard Engine	Aggregate	25 Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orange	2028 Pleasure Craft - Sailboat Auxiliary Inboard Engine	Aggregate	250 Gasoline	0.001619524	0.00163544	0.001781889	0.01152112	0.00114602	0.143510476	1.43249E-06	1.08233E-06	1.59591E-06	2.02959E-06	6238.610075	0	0	11.04148552
Orange	2028 Pleasure Craft - Sailboat Auxiliary Inboard Engine	Aggregate	250 Diesel	0													

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