

## CalEEMod Inputs- Euclid & Heil Residential Mass Grading, Construction

**Name:** Euclid & Heil Residential Mass Grading, Construction  
**Project Number:** CFV-18  
**Project Location:** 16300 Euclid Street, Fountain Valley, CA 92708  
**County/Air Basin:** Orange County  
**Climate Zone:** 8  
**Land Use Setting:** Urban  
**Utility Company:** Southern California Edison  
**Air Basin:** South Coast Air Basin  
**Air District:** South Coast AQMD  
**SRA:** 17 - Central Orange County

Project Site Acreage	18.09
Disturbed Site Acreage	18.09

### CalEEMod Land Use Inputs

Land Use Type	Land Use Subtype	Unit Amount	Size Metric	Lot Acreage	Land Use Square Feet	Landscaped Area
Parking	Parking Lot	18.09	Acres	18.09	-	-
				<b>18.09</b>		

#### Notes

<sup>1</sup> Parking lot land use accounts for mass grading of entire project site.

### Soil Haul

Construction Activities	Volume (CY) <sup>1</sup>	Haul Truck Capacity (CY) <sup>2</sup>	Haul Distance (miles) <sup>1</sup>	Total Trip Ends	Duration (days)	Trip Ends per Day
Rough Grading Import	45,600	16	20	5,700	43	133

#### Notes

<sup>1</sup> Volume and haul distance provided by the applicant.

<sup>2</sup> CalEEMod default used.

### Construction Mitigation

#### SCAQMD Rule 403

Water Unpaved Roads	Frequency:	2	per day
	PM10:	55	% Reduction
	PM25:	55	% Reduction

Water Exposed Area	Frequency:	2	per day
	PM10:	61	% Reduction
	PM25:	61	% Reduction

Unpaved Roads	Vehicle Speed:	25	mph
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#### SCAQMD Rule 1186

Clean Paved Road		9	% PM Reduction
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Mitigation Measure AQ-1	Off-road Emissions Standards	Tier 4 Interim
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## Construction Activities and Schedule Assumptions - Euclid & Heil Residential Mass Grading

\* based on schedule provided by applicant

New Construction Schedule (CalEEMod)			
Construction Activities	Start Date	End Date	CalEEMod Duration (Workday)
P0 Site Preparation	6/1/2025	6/15/2025	10
P0 Rough Grading	6/1/2025	7/30/2025	43

## CalEEMod Inputs- Euclid & Heil Residential P1 For Sale Project, Construction

**Name:** Euclid & Heil Residential P1 For Sale Project, Construction  
**Project Number:** CFV-18  
**Project Location:** 16300 Euclid Street, Fountain Valley, CA 92708  
**County/Air Basin:** Orange County  
**Climate Zone:** 8  
**Land Use Setting:** Urban  
**Utility Company:** Southern California Edison  
**Air Basin:** South Coast Air Basin  
**Air District:** South Coast AQMD  
**SRA:** 17 - Central Orange County

Project Site Acreage	14.00
Disturbed Site Acreage	12.69

Project Components	Dwelling Units	SQFT	Building Footprint	Acres	Stories
<b>Phase 1 - Townhomes/Triplexes</b>					
<b>Building Area</b>					
Condo/Townhouse - Townhomes	183	349,845	144,226	3.31	3
Condo/Townhouse - Triplexes	36	79,572	52,090	1.20	2
Poolhouse	-	342	342	0.01	-
<b>SUBTOTAL</b>	<b>219</b>	<b>429,759</b>	<b>196,658</b>	<b>4.51</b>	<b>-</b>
<b>Surface Work</b>					
<b>Stalls</b>					
Parking Lot	564	24,527	-	0.56	-
Non-Parking Asphalt	-	195,636	-	4.49	-
Hardscape	-	42,172	-	0.97	-
Landscaping	-	93,966	-	2.16	-
<b>SUBTOTAL</b>	<b>564</b>	<b>356,301</b>	<b>-</b>	<b>8.18</b>	<b>-</b>

### CalEEMod Land Use Inputs

Land Use Type	Land Use Subtype	Unit Amount	Size Metric	Lot Acreage	Land Use Square Feet	Landscaped Area
Residential	Condos/Townhouse High Rise	183	DU	5.47	349,845	93,966
Residential	Condos/Townhouse	36	DU	1.20	79,572	-
Recreational	Health Club <sup>1</sup>	0.34	1000 sqft	0.01	342	-
Parking	Parking Lot	24.53	1000 sqft	0.56	24,527	-
Parking	Other Asphalt Surfaces	195.64	1000 sqft	4.49	195,636	-
Parking	Other Non-Asphalt Surfaces	42.17	1000 sqft	0.97	42,172	-
				<b>12.69</b>		

#### Notes

<sup>1</sup> Health Club land use represents Poolhouse.

### Architectural Coating

	Percent Painted
Interior Painted:	75%
Exterior Painted:	25%

### Rule 1113<sup>1</sup>

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

#### Notes

<sup>1</sup> Applies Mitigation Measure AQ-1 for super compliant paints according to South Coast AQMD.

Structures	Land Use Square Feet	CalEEMod Factor <sup>2</sup>	Total Paintable Surface		
			Area	Paintable Interior Area <sup>1</sup>	Paintable Exterior Area <sup>1</sup>
<b>Residential Structures</b>					
Residential	429,417	2.7	1,159,426	869,569	289,856
Non-Residential	342	2.0	684	513	171
				<b>870,082</b>	<b>290,027</b>
<b>Parking</b>					
Parking Area	262,335	6%	15,740	-	15,740
					<b>15,740</b>

#### Notes

<sup>1</sup>

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

<sup>2</sup> 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.

<sup>3</sup> Assumes that all parking, other asphalt surfaces and other non-asphalt surfaces will be striped. CalEEMod methodology assumes 6% of surface area is striped.

**Construction Mitigation**

*SCAQMD Rule 403*

Water Unpaved Roads	Frequency:	2	per day
	PM10:	55	% Reduction
	PM25:	55	% Reduction

Water Exposed Area	Frequency:	2	per day
	PM10:	61	% Reduction
	PM25:	61	% Reduction

Unpaved Roads	Vehicle Speed:	25	mph
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*SCAQMD Rule 1186*

Clean Paved Road		9	% PM Reduction
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Mitigation Measure AQ-1	Off-road Emissions Standards	Tier 4 Interim	
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## Construction Activities and Schedule Assumptions - Euclid & Heil Residential P1 For Sale Project

\* based on schedule provided by applicant

New Construction Schedule (CalEEMod)			
Construction Activities	Start Date	End Date	CalEEMod Duration (Workday)
P1 Fine Grading	1/15/2026	5/1/2026	77
P1 Utility Trenching	5/2/2026	8/27/2026	84
P1 Building Construction	1/15/2026	8/15/2029	935
P1 Paving	6/5/2029	8/15/2029	52
P1 Architectural Coating	6/5/2029	8/15/2029	52
P1 Finishing and Landscaping	6/5/2029	8/15/2029	52

**CalEEMod Inputs- Euclid & Heil Residential P2 For Rent Project, Construction**

Name: Euclid & Heil Residential P2 For Rent Project, Construction  
 Project Number: CFV-18  
 Project Location: 16300 Euclid Street, Fountain Valley, CA 92708  
 County/Air Basin: Orange County  
 Climate Zone: 8  
 Land Use Setting: Urban  
 Utility Company: Southern California Edison  
 Air Basin: South Coast Air Basin  
 Air District: South Coast AQMD  
 SRA: 17 - Central Orange County

Project Site Acreage	3.31
Disturbed Site Acreage	4.41

Project Components	Dwelling Units	SQFT	Building Footprint	Acres	Stories
<b>Phase 2 - Apartments</b>					
<b>Building Area</b>					
Apartment Mid-Rise	304	340,777	68,305	1.57	5
Clubhouse	-	2,334	2,334	0.05	-
Lobby and Mail Room	-	1,030	1,030	0.02	-
Fitness Room	-	3,030	3,030	0.07	-
Leasing Office	-	2,156	2,156	0.05	-
Parking Garage	-	174,910	34,982	0.80	5.5
<b>SUBTOTAL</b>	<b>304</b>	<b>524,237</b>	<b>111,837</b>	<b>2.57</b>	<b>-</b>
<b>Surface Work</b>					
<b>Stalls</b>					
Parking Garage	456	-	-	-	-
Non-Parking Asphalt	-	18,343	-	0.42	-
Hardscape	-	38,747	-	0.89	-
Landscaping	-	23,232	-	0.53	-
<b>SUBTOTAL</b>	<b>456</b>	<b>80,322</b>	<b>-</b>	<b>1.84</b>	<b>-</b>

**CalEEMod Land Use Inputs**

Land Use Type	Land Use Subtype	Unit Amount	Size Metric	Lot Acreage	Land Use Square Feet	Landscaped Area
Residential	Apartments Mid-Rise <sup>1</sup>	304	DU	2.30	349,327	23,232
Parking	Enclosed Parking with Elevator	174.91	1000 sqft	0.80	174,910	-
Parking	Other Asphalt Surfaces	18.34	1000 sqft	0.42	18,343	-
Parking	Other Non-Asphalt Surfaces	38.75	1000 sqft	0.89	38,747	-
				<b>4.41</b>		

**Notes**

<sup>1</sup> Apartment Mid-Rise land use accounts for square footage of clubhouse, lobby and mail room, fitness room, and leasing office.

**Architectural Coating**

	Percent Painted
Interior Painted:	75%
Exterior Painted:	25%

**Rule 1113<sup>1</sup>**

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

**Notes**

<sup>1</sup> Applies Mitigation Measure AQ-1 for super compliant paints according to South Coast AQMD.

Structures	Land Use Square Feet	CalEEMod Factor <sup>2</sup>	Total Paintable Surface	
			Area	Paintable Interior Area <sup>1</sup> Paintable Exterior Area <sup>1</sup>
<b>Residential Structures</b>				
Residential	349,327	2.7	943,183	707,387 235,796
Non-Residential				1,568 174
			<b>708,955</b>	<b>235,970</b>
<b>Parking</b>				
Parking Area	232,000	6%	-	5,516
				<b>5,516</b>

**Notes**

- <sup>1</sup> CalEEMod methodology calculates the paintable interior and exterior areas by multiplying the total paintable surface area by 75 and 25 percent, respectively.
- <sup>2</sup> 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.
- <sup>3</sup> Assumes that all parking, including enclosed parking garage with elevator, will be striped. CalEEMod methodology assumes 6% of surface area is striped.

**Construction Mitigation**

**SCAQMD Rule 403**

Water Unpaved Roads	Frequency:	2	per day
	PM10:	55	% Reduction
	PM25:	55	% Reduction

Water Exposed Area	Frequency:	2	per day
	PM10:	61	% Reduction
	PM25:	61	% Reduction

Unpaved Roads	Vehicle Speed:	25	mph
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SCAQMD Rule 1186	Clean Paved Road	9	% PM Reduction
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Mitigation Measure AQ-1	Off-road Emissions Standards	Tier 4 Interim
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## Construction Activities and Schedule Assumptions - Euclid & Heil Residential P2 For Rent Project

\* based on schedule provided by applicant

New Construction Schedule (CalEEMod)			
Construction Activities	Start Date	End Date	CalEEMod Duration (Workday)
P2 Fine Grading	8/1/2025	10/16/2025	55
P2 Utility Trenching	10/17/2025	11/13/2025	20
P2 Crane	11/14/2025	2/5/2026	60
P2 Building Construction	11/14/2025	8/12/2027	455
P2 Asphalt Paving	8/13/2027	11/18/2027	70
P2 Architectural Coating	11/7/2026	5/10/2027	131
P2 Finishing and Landscaping	6/1/2027	11/17/2027	122

### Notes

<sup>1</sup> Assumed typical crane usage onsite is 12 weeks (60 workdays) based on previous development projects.

**CalEEMod Inputs- Euclid & Heil Residential P3 Senior Housing, Construction**

Name: Euclid & Heil Residential P3 Senior Housing, Construction  
 Project Number: CFV-18  
 Project Location: 16300 Euclid Street, Fountain Valley, CA 92708  
 County/Air Basin: Orange County  
 Climate Zone: 8  
 Land Use Setting: Urban  
 Utility Company: Southern California Edison  
 Air Basin: South Coast Air Basin  
 Air District: South Coast AQMD  
 SRA: 17 - Central Orange County

Project Site Acreage	0.78
Disturbed Site Acreage	0.98

Project Components	Dwelling Units/Stalls	SQFT	Building Footprint	Acres	Stories
<b>Phase 3 - Senior Housing</b>					
<b>Building Area</b>					
Retirement Community	83	110,584	26,200	0.60	4
Office Property Manager Resident	-	1,369	1,369	0.03	-
Mail Room	-	693	693	0.02	-
Parking Garage	-	26,200	-	0.00	1
<b>SUBTOTAL</b>	<b>83</b>	<b>138,846</b>	<b>28,262</b>	<b>0.65</b>	<b>-</b>
<b>Surface Work</b>					
<b>Stalls</b>					
Parking Garage	42	-	-	-	-
Non-Parking Asphalt	-	4,822	-	0.11	-
Hardscape	-	6,338	-	0.15	-
Landscaping	-	3,100	-	0.07	-
<b>SUBTOTAL</b>	<b>42</b>	<b>14,260</b>	<b>-</b>	<b>0.33</b>	<b>-</b>

**Notes**

<sup>1</sup> Four residential stories on top of a ground-level parking podium, parking garage footprint accounted for by retirement community building

**CalEEMod Land Use Inputs**

Land Use Type	Land Use Subtype	Unit Amount	Size Metric	Lot Acreage	Land Use Square Feet	Landscaped Area
Residential	Retirement Community <sup>1</sup>	83	DU	0.72	112,646	3,100
Parking	Enclosed Parking Garage with Elevator	26.20	1000 sqft	0.00	26,200	-
Parking	Other Asphalt Surfaces	4.82	1000 sqft	0.11	4,822	-
Parking	Other Non-Asphalt Surfaces	6.34	1000 sqft	0.15	6,338	-
				<b>0.98</b>		

**Notes**

<sup>1</sup> Retirement Community land use accounts for square footage of office property manager resident service and mail room.

**Architectural Coating**

	Percent Painted
Interior Painted:	75%
Exterior Painted:	25%

**Rule 1113<sup>1</sup>**

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

**Notes**

<sup>1</sup> Applies Mitigation Measure AQ-1 for super compliant paints according to South Coast AQMD.

Structures	Land Use Square Feet	CalEEMod Factor <sup>2</sup>	Total Paintable Surface	
			Area	Paintable Interior Area <sup>1</sup> Paintable Exterior Area <sup>1</sup>
<b>Residential Structures</b>				
Residential	112,646	2.7	304,144	228,108 76,036
				<b>228,108 76,036</b>
<b>Parking</b>				
Parking Area	11,160	6%	670	- 670
				<b>670</b>

**Notes**

<sup>1</sup> CalEEMod methodology calculates the paintable interior and exterior areas by multiplying the total paintable surface area by 75 and 25 percent, respectively.  
<sup>2</sup> 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.  
<sup>3</sup> Assumes that all parking, including enclosed parking garage with elevator, will be striped. CalEEMod methodology assumes 6% of surface area is striped.

**Construction Mitigation**

**SCAQMD Rule 403**

Water Unpaved Roads	Frequency:	2	per day
	PM10:	55	% Reduction
	PM25:	55	% Reduction

Water Exposed Area	Frequency:	2	per day
	PM10:	61	% Reduction
	PM25:	61	% Reduction

Unpaved Roads	Vehicle Speed:	25	mph
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SCAQMD Rule 1186	Clean Paved Road	9	% PM Reduction
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Mitigation Measure AQ-1	Off-road Emissions Standards	Tier 4 Interim
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**Southern California Edison Carbon Intensity Factors**

Forecasted Year	2027	
CO <sub>2</sub> :	346.20	pounds per megawatt hour
CH <sub>4</sub> :	0.033	pound per megawatt hour
N <sub>2</sub> O:	0.004	pound per megawatt hour

**Notes**

<sup>1</sup> CalEEMod default used.

## Construction Activities and Schedule Assumptions - Euclid & Heil Residential P3 Senior Housing

\* based on schedule provided by applicant

New Construction Schedule (CalEEMod)			
Construction Activities	Start Date	End Date	CalEEMod Duration (Workday)
P3 Fine Grading	8/1/2025	10/16/2025	55
P3 Utility Trenching	10/17/2025	11/13/2025	20
P3 Crane	4/16/2026	7/8/2026	60
P3 Building Construction	4/16/2026	12/16/2027	436
P3 Asphalt Paving	12/17/2027	2/17/2028	45
P3 Architectural Coating	2/14/2027	8/15/2027	130
P3 Finishing and Landscaping	10/23/2027	2/21/2028	86

### Notes

<sup>1</sup> Assumed typical crane usage onsite is 12 weeks (60 workdays) based on previous development projects.

## CalEEMod Construction Off-Road Equipment Inputs : Proposed Project

Source: CalEEMod defaults (except where noted).

Construction Equipment Details						
Equipment	# of Equipment	Engine Tier <sup>1</sup>	hr/day	hp	load factor	total trips per day
<b>Mass Grading - P0 Site Preparation<sup>2</sup></b>						
Rubber Tired Dozers	2	4-Interim	8	367	0.4	
Tractors/Loaders/Backhoes	2	4-Interim	8	84	0.37	
Worker Trips						10
Vendor Trips						2
Hauling Trips						0
Water Trucks				Acres Disturbed:	2.00	10
				Onsite Travel (mi/day)	1.65	
<b>Mass Grading - P0 Rough Grading<sup>2</sup></b>						
Excavators	2	Average	8	36	0.38	
Graders	1	4-Interim	8	148	0.41	
Rubber Tired Dozers	1	4-Interim	8	367	0.4	
Scrapers	2	4-Interim	8	423	0.48	
Tractors/Loaders/Backhoes	2	4-Interim	8	84	0.37	
Worker Trips						20
Vendor Trips						2
Hauling Trips						133
Water Trucks				Acres Disturbed:	4.00	20
				Onsite Travel (mi/day)	3.30	

**P1 Fine Grading**

Graders	1	4-Interim	8	148	0.41	
Excavators	2	Average	8	36	0.38	
Tractors/Loaders/Backhoes	2	4-Interim	8	84	0.37	
Scrapers	2	4-Interim	8	423	0.48	
Rubber Tired Dozers	1	4-Interim	8	367	0.4	
Worker Trips						20
Vendor Trips						3
Hauling Trips						0
Water Trucks	Acres Disturbed:			4		20
	Onsite Travel (mi/day)			3.30		

**P1 Utility Trenching<sup>3</sup>**

Tractors/Loaders/Backhoes	1	4-Interim	8	84	0.37	
Excavators	1	Average	8	36	0.38	
Skid Steer Loaders	1	4-Interim	8	71	0.37	
Worker Trips						8
Vendor Trips						0
Hauling Trips						0
Water Trucks	Acres Disturbed:			0.5		4
	Onsite Travel (mi/day)			0.41		

**P1 Building Construction<sup>4</sup>**

Forklifts	3	4-Interim	8	82	0.2	
Generator Sets	1	Average	8	14	0.74	
Welders	1	Average	8	46	0.45	
Tractors/Loaders/Backhoes	3	4-Interim	7	84	0.37	
Worker Trips						158
Vendor Trips						23
Hauling Trips						0

<b>P1 Paving</b>						
Pavers	2	4-Interim	8	81	0.42	
Paving Equipment	2	4-Interim	8	89	0.36	
Rollers	2	Average	8	36	0.38	
Worker Trips						15
Vendor Trips						2
Hauling Trips						0
<b>P1 Architectural Coating</b>						
Air Compressors	1	Average	6	37	0.48	
Worker Trips						32
Vendor Trips						0
Hauling Trips						0
<b>P1 Finishing/Landscaping<sup>3</sup></b>						
Skid Steer Loaders	1	4-Interim	8	71	0.37	
Tractors/Loaders/Backhoes	1	4-Interim	8	84	0.37	
Worker Trips						5
Vendor Trips						0
Hauling Trips						0

**P2 Fine Grading**

Graders	1	4-Interim	8	148	0.41	
Excavators	1	Average	8	36	0.38	
Tractors/Loaders/Backhoes	3	4-Interim	8	84	0.37	
Rubber Tired Dozers	1	4-Interim	8	367	0.4	
Worker Trips						15
Vendor Trips						3
Hauling Trips						0
Water Trucks	Acres Disturbed:			2.5		14
	Onsite Travel (mi/day)			2.06		

**P2 Crane**

Cranes	1	4-Interim	7	367	0.29	
Worker Trips						3
Vendor Trips						0
Hauling Trips						0
Water Trucks	Acres Disturbed:			0		0
	Onsite Travel (mi/day)			0.00		

**P2 Utility Trenching<sup>3</sup>**

Tractors/Loaders/Backhoes	1	4-Interim	8	84	0.37	
Excavators	1	Average	8	36	0.38	
Skid Steer Loaders	1	4-Interim	8	71	0.37	
Worker Trips						8
Vendor Trips						0
Hauling Trips						0
Water Trucks	Acres Disturbed:			0.5		4
	Onsite Travel (mi/day)			0.41		

**P2 Building Construction<sup>5</sup>**

Forklifts	3	4-Interim	8	82	0.2	
Generator Sets	1	Average	8	14	0.74	
Welders	1	Average	8	46	0.45	
Tractors/Loaders/Backhoes	3	4-Interim	7	84	0.37	
Worker Trips						292
Vendor Trips						61
Hauling Trips						0

**P2 Paving**

Tractors/Loaders/Backhoes	1	4-Interim	8	84	0.37	
Cement and Mortar Mixers	2	Average	6	10	0.56	
Pavers	1	4-Interim	8	81	0.42	
Paving Equipment	2	4-Interim	6	89	0.36	
Rollers	2	Average	6	36	0.38	
Worker Trips						20
Vendor Trips						2
Hauling Trips						0

<b>P2 Architectural Coating</b>						
Air Compressors	1	Average	6	37	0.48	
Worker Trips						58
Vendor Trips						0
Hauling Trips						0
<b>P2 Finishing/Landscaping<sup>3</sup></b>						
Skid Steer Loaders	1	4-Interim	8	71	0.37	
Tractors/Loaders/Backhoes	1	4-Interim	8	84	0.37	
Worker Trips						5
Vendor Trips						0
Hauling Trips						0

**P3 Fine Grading**

Graders	1	4-Interim	6	148	0.41	
Tractors/Loaders/Backhoes	1	4-Interim	7	84	0.37	
Rubber Tired Dozers	1	4-Interim	6	367	0.4	
Worker Trips						8
Vendor Trips						3
Hauling Trips						0
Water Trucks	Acres Disturbed:			1.19		6
	Onsite Travel (mi/day)			0.98		

**P3 Crane**

Cranes	1	4-Interim	6	367	0.29	
Worker Trips						3
Vendor Trips						0
Hauling Trips						0
Water Trucks	Acres Disturbed:			0		0
	Onsite Travel (mi/day)			0.00		

**P3 Utility Trenching<sup>3</sup>**

Tractors/Loaders/Backhoes	1	4-Interim	8	84	0.37	
Excavators	1	Average	8	36	0.38	
Skid Steer Loaders	1	4-Interim	8	71	0.37	
Worker Trips						8
Vendor Trips						0
Hauling Trips						0
Water Trucks	Acres Disturbed:			0.5		4
	Onsite Travel (mi/day)			0.41		

**P3 Building Construction<sup>5</sup>**

Forklifts	2	4-Interim	6	82	0.2	
Tractors/Loaders/Backhoes	2	4-Interim	8	84	0.37	
Worker Trips						71
Vendor Trips						13
Hauling Trips						0

**P3 Paving**

Tractors/Loaders/Backhoes	1	4-Interim	7	84	0.37	
Cement and Mortar Mixers	4	Average	6	10	0.56	
Pavers	1	4-Interim	7	81	0.42	
Rollers	1	Average	7	36	0.38	
Worker Trips						18
Vendor Trips						2
Hauling Trips						0

<b>P3 Architectural Coating</b>						
Air Compressors	1	Average	6	37	0.48	
Worker Trips						14
Vendor Trips						0
Hauling Trips						0
<b>P3 Finishing/Landscaping<sup>3</sup></b>						
Skid Steer Loaders	1	4-Interim	8	71	0.37	
Tractors/Loaders/Backhoes	1	4-Interim	8	84	0.37	
Worker Trips						5
Vendor Trips						0
Hauling Trips						0

**Notes**

- <sup>1</sup> Tier 4-Interim engines for equipment with 50 hp or greater per Mitigation Measure AQ-1.
- <sup>2</sup> Equipment would be shared between site preparation and rough grading activities during Mass Grading.
- <sup>3</sup> Equipment from recent residential development project.
- <sup>4</sup> No crane would be used for townhomes/triplexes based on Applicant.

**Water Truck Vendor Trip Calculation**

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

**Notes**

- <sup>1</sup> 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](https://www.epa.gov/sites/default/files/2019-04/documents/mr_guidanceforapplicationfordustcontrolpermit.pdf)
- <sup>2</sup> Based on standard water truck capacity: McLellan Industries. 2022, January (access). Water Trucks. <https://www.mclellanindustries.com/trucks/water-trucks/>
- <sup>3</sup> Assumes that dozers, tractors/loaders/backhoes, and graders can disturb 0.50 acres per day and scrapers can disturb 1 acre per day.

## Overall Construction Activities and Schedule Assumptions - Euclid & Heil Residential Proposed Project

\* based on schedule provided by applicant

### Mass Grading: Construction Schedule (CalEEMod)

Construction Activities	Start Date	End Date	CalEEMod Duration (Workday)
P0 Site Preparation	6/1/2025	6/15/2025	10
P0 Rough Grading	6/1/2025	7/30/2025	43

### P1 For Sale: Construction Schedule (CalEEMod)

Construction Activities	Start Date	End Date	CalEEMod Duration (Workday)
P1 Fine Grading	1/15/2026	5/1/2026	77
P1 Utility Trenching	5/2/2026	8/27/2026	84
P1 Building Construction	1/15/2026	8/15/2029	935
P1 Paving	6/5/2029	8/15/2029	52
P1 Architectural Coating	6/5/2029	8/15/2029	52
P1 Finishing and Landscaping	6/5/2029	8/15/2029	52

### P2 For Rent: Construction Schedule (CalEEMod)

Construction Activities	Start Date	End Date	CalEEMod Duration (Workday)
P2 Fine Grading	8/1/2025	10/16/2025	55
P2 Utility Trenching	10/17/2025	11/13/2025	20
P2 Crane	11/14/2025	2/5/2026	60
P2 Building Construction	11/14/2025	8/12/2027	455
P2 Paving	8/13/2027	11/18/2027	70
P2 Architectural Coating	11/7/2026	5/10/2027	131
P2 Finishing and Landscaping	6/1/2027	11/17/2027	122

### P3 Senior Housing: Construction Schedule (CalEEMod)

Construction Activities	Start Date	End Date	CalEEMod Duration (Workday)
P3 Fine Grading	8/1/2025	10/16/2025	55
P3 Utility Trenching	10/17/2025	11/13/2025	20
P3 Crane	4/16/2026	7/8/2026	60
P3 Building Construction	4/16/2026	12/16/2027	436
P3 Paving	12/17/2027	2/17/2028	45
P3 Architectural Coating	2/14/2027	8/15/2027	130
P3 Finishing and Landscaping	10/23/2027	2/21/2028	86

### Overlapping Construction Schedule (CalEEMod)

	Construction Activities	Start Date	End Date	CalEEMod Duration (Workday)
1	P0 Site Preparation and P0 Rough Grading	6/1/2025	6/15/2025	10
2	P0 Rough Grading	6/16/2025	7/30/2025	33
3	P2 Fine Grading and P3 Fine Grading	8/1/2025	10/16/2025	55
4	P2 Utility Trenching and P3 Utility Trenching	10/17/2025	11/13/2025	20
5	P2 Building Construction and P2 Crane 2025	11/14/2025	12/31/2025	34
6	P2 Building Construction and P2 Crane 2026	1/1/2026	1/14/2026	10
7	P2 Building Construction, P2 Crane, P1 Fine Grading, and P1 Building Construction	1/15/2026	2/5/2026	16
8	P2 Building Construction, P1 Fine Grading, and P1 Building Construction	2/6/2026	4/15/2026	49
9	P2 Building Construction, P1 Fine Grading, P1 Building Construction, P3 Crane, and P3 Building Construction	4/16/2026	5/1/2026	12
10	P2 Building Construction, P1 Building Construction, P3 Crane, P3 Building Construction, and P1 Utility Trenching	5/2/2026	7/8/2026	48
11	P2 Building Construction, P1 Building Construction, P3 Building Construction, and P1 Utility Trenching	7/9/2026	8/27/2026	36
12	P2 Building Construction, P1 Building Construction, and P3 Building Construction	8/28/2026	11/6/2026	51
13	P2 Building Construction, P1 Building Construction, P3 Building Construction, and P2 Architectural Coating 2026	11/7/2026	12/31/2026	39
14	P2 Building Construction, P1 Building Construction, P3 Building Construction, and P2 Architectural Coating 2027	1/1/2027	2/13/2027	31
15	P2 Building Construction, P1 Building Construction, P3 Building Construction, P2 Architectural Coating, and P3 Architectural Coating	2/14/2027	5/10/2027	61
16	P2 Building Construction, P1 Building Construction, P3 Building Construction, and P3 Architectural Coating	5/11/2027	5/31/2027	15
17	P2 Building Construction, P1 Building Construction, P3 Building Construction, P3 Architectural Coating, and P2 Finishing and Landscaping	6/1/2027	8/12/2027	53
18	P1 Building Construction, P3 Building Construction, P3 Architectural Coating, P2 Finishing and Landscaping, and P2 Paving	8/13/2027	8/15/2027	1
19	P1 Building Construction, P3 Building Construction, P2 Finishing and Landscaping, and P2 Paving	8/16/2027	10/22/2027	50
20	P1 Building Construction, P3 Building Construction, P2 Finishing and Landscaping, P2 Paving, and P3 Finishing and Landscaping	10/23/2027	11/17/2027	18
21	P1 Building Construction, P3 Building Construction, P2 Paving, and P3 Finishing and Landscaping	11/18/2027	11/18/2027	1

22	P1 Building Construction, P3 Building Construction, and P3 Finishing and Landscaping	11/19/2027	12/16/2027	20
23	P1 Building Construction, P3 Finishing and Landscaping, and P3 Paving 2027	12/17/2027	12/31/2027	11
24	P1 Building Construction, P3 Finishing and Landscaping, and P3 Paving 2028	1/1/2028	2/17/2028	34
25	P1 Building Construction and P3 Finishing and Landscaping	2/18/2028	2/21/2028	2
26	P1 Building Construction 2028	2/22/2028	12/31/2028	224
27	P1 Building Construction 2029	1/1/2029	6/4/2029	111
28	P1 Building Construction, P1 Paving, P1 Architectural Coating, and P1 Finishing and Landscaping	6/5/2029	8/15/2029	52



## CalEEMod Inputs- Euclid & Heil Residential , Operations

**Name:** Euclid & Heil Residential For Sale Project, Operations  
**Project Number:** CFV-18  
**Project Location:** 16300 Euclid Street, Fountain Valley, CA 92708  
**County/Air Basin:** Orange County  
**Climate Zone:** 8  
**Land Use Setting:** Urban  
**Operational Year:** 2029  
**Utility Company:** Southern California Edison  
**Air Basin:** South Coast Air Basin  
**Air District:** South Coast AQMD  
**SRA:** 17 - Central Orange County

### Proposed Project

Project Components	Dwelling Units	SQFT	Building Footprint	Acres	Stories
<b>Phase 1 - Townhomes/Triplexes</b>					
<b>Building Area</b>					
Condo/Townhouse - Townhomes	183	349,845	144,226	3.31	3
Condo/Townhouse - Triplexes	36	79,572	52,090	1.20	2
Poolhouse	-	342	342	0.01	-
<b>SUBTOTAL</b>	<b>219</b>	<b>429,759</b>	<b>196,658</b>	<b>4.51</b>	<b>-</b>
<b>Surface Work</b>					
<b>Stalls</b>					
Parking Lot	564	24,527	-	0.56	-
Non-Parking Asphalt	-	195,636	-	4.49	-
Hardscape	-	42,172	-	0.97	-
Landscaping	-	93,966	-	2.16	-
<b>SUBTOTAL</b>	<b>564</b>	<b>356,301</b>	<b>-</b>	<b>8.18</b>	<b>-</b>
<b>Phase 2 - Apartments</b>					
<b>Building Area</b>					
Apartment Mid-Rise	304	340,777	68,305	1.57	5
Clubhouse	-	2,334	2,334	0.05	-
Lobby and Mail Room	-	1,030	1,030	0.02	-
Fitness Room	-	3,030	3,030	0.07	-
Leasing Office	-	2,156	2,156	0.05	-
Parking Garage	-	174,910	34,982	0.80	5.5
<b>SUBTOTAL</b>	<b>304</b>	<b>524,237</b>	<b>111,837</b>	<b>2.57</b>	<b>-</b>
<b>Surface Work</b>					
<b>Stalls</b>					
Parking Garage	456	-	-	-	-
Non-Parking Asphalt	-	18,343	-	0.42	-
Hardscape	-	38,747	-	0.89	-
Landscaping	-	23,232	-	0.53	-
<b>SUBTOTAL</b>	<b>456</b>	<b>80,322</b>	<b>-</b>	<b>1.84</b>	<b>-</b>
<b>Phase 3 - Senior Housing</b>					
<b>Building Area</b>					
Retirement Community	83	110,584	26,200	0.60	4
Office Property Manager Resident Service	-	1,369	1,369	0.03	-
Mail Room	-	693	693	0.02	-
Parking Garage	-	26,200	-	0.00	1
<b>SUBTOTAL</b>	<b>83</b>	<b>138,846</b>	<b>28,262</b>	<b>0.65</b>	<b>-</b>
<b>Surface Work</b>					
<b>Stalls</b>					
Parking Garage	42	-	-	-	-
Non-Parking Asphalt	-	4,822	-	0.11	-
Hardscape	-	6,338	-	0.15	-
Landscaping	-	3,100	-	0.07	-
<b>SUBTOTAL</b>	<b>42</b>	<b>14,260</b>	<b>-</b>	<b>0.33</b>	<b>-</b>

**CalEEMod Land Use Inputs**

Land Use Type	Land Use Subtype	Unit Amount	Size Metric	Lot Acreage	Land Use Square Feet	Landscaped Area
Residential	Condos/Townhouse High Rise	183	DU	3.31	349,845	-
Residential	Condos/Townhouse	36	DU	1.20	79,572	-
Recreational	Health Club	0.34	1000 sqft	0.01	342	-
Residential	Apartments Mid-Rise	304	DU	4.53	349,327	120,298
Residential	Retirement Community	83	DU	0.65	112,646	-
Parking	Parking Lot	24.53	1000 sqft	0.56	24,527	-
Parking	Enclosed Parking Garage with Elevator	201.11	1000 sqft	0.80	201,110	-
Parking	Other Asphalt Surfaces	218.80	1000 sqft	5.02	218,801	-
Parking	Other Non-Asphalt Surfaces	87.26	1000 sqft	2.00	87,257	-
				<b>18.08</b>		

**Notes**

<sup>1</sup> Apartments Mid-Rise land use accounts for total landscaped area of project site.

**Trips (Average Daily)<sup>1</sup>**

Land Use Type	Average Daily Trips	CalEEMod Trip Rate	Saturday Trips	CalEEMod Trip Rate	Sunday Trips	CalEEMod Trip Rate
Apartments Mid-Rise	1,380	4.54	1,389	4.57	1,146	3.77
Condos/Townhouse High Rise	1,318	7.20	1,603	8.76	1,312	7.17
Condos/Townhouse	259	7.20	315	8.76	258	7.17
Retirement Community	269	3.24	996	12.00	784	9.44

Source: Urban Crossroads, February 3, 2025. Euclid & Heil Residential Traffic Analysis.

**Notes**

<sup>1</sup> Trips calculated based on ITE Trip Gen 11th Edition weekday and weekend daily trip rates for Single Family Attached Residential, Multi-Family Mid-Rise, and Senior Housing land use.

**Water Use**

	Indoor (gpy)	Outdoor (gpy)	Total
Apartments Mid-Rise	59,368,650	1,500,000	60,868,650

Source: Kimley Horn, January 2025. Water Supply Assessment, Euclid and Heil.

**Notes**

<sup>1</sup> Apartments Mid-Rise land use represents total potable water usage for all 606 residential units based on 2.94 residents/DU and swimming pool.

<sup>2</sup> Outdoor water usage represents total recycled water demand for landscape and turf areas.

<sup>2</sup> Assumes 100% aerobic treatment

**Solid Waste (CalEEMod Defaults)**

Land Use	Total Solid Waste (tons/yr)
Apartments Mid-Rise	224.82
Condos/Townhouse High Rise	135.24
Condos/Townhouse	26.55
Health Club	1.94
Retirement Community	225.54

**Fireplaces**

Model assumes homes will not have a fireplace, based on information from the applicant.

Land Use	# Wood	# Gas <sup>1</sup>	# Propane	# Without Fireplace	Hours/Day	Days/Year <sup>1</sup>	BTU/fireplace <sup>2</sup>	KBTU
Grill	0	10	0	0	3	104	60,000	187,200

**Notes**

<sup>1</sup> Accounts for 2 grills and 1 fire table for townhomes/triplexes, 3 grills and 1 fire table for apartment complex, and 2 grills and 1 fire table for senior housing. All residences do not have a fireplace.

<sup>2</sup> Assumes grills will consume 60,000 BTU/hr (CalEEMod default BTU for fireplace).

CalEEMod Building Energy Use (CalEEMod Defaults)

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)
Apartments Mid-Rise	1,114,413.57	3,376,480.24	315,864.51	2,941,787.72	798,549.06	434,692.52
Condos/Townhouse High Rise	670,847.64	2,032,552.25	190,142.12	1,770,878.79	480,705.52	261,673.46
Condos/Townhouse	165,317.92	865,092.91	40,748.51	770,619.16	124,569.41	94,473.75
Retirement Community	318,308.77	1,353,371.07	82,246.47	1,179,410.86	236,062.30	173,960.21
Parking Lot	21,488.28	0.00	21,488.28	0.00	0.00	0.00
Enclosed Parking Garage with Elevator	742,383.80	0.00	704,172.90	0.00	38,210.90	0.00
Health Club	3,280.72	14,638.27	2,798.56	5,510.84	482.16	9,127.43
<b>Total</b>	<b>3,036,040.70</b>	<b>7,642,134.74</b>				

Architectural Coating

	Percent Painted
Interior Painted:	75%
Exterior Painted:	25%

Rule 1113<sup>1</sup>

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

Notes

<sup>1</sup> Applies Mitigation Measure AQ-1 for super compliant paints according to South Coast AQMD.

Structures	Land Use Square Feet	CalEEMod Factor <sup>2</sup>	Total Paintable Surface Area	Paintable Interior Area <sup>1</sup>	Paintable Exterior Area <sup>1</sup>
<b>Residential Structures</b>					
Residential	891,390	2.7	2,406,753	1,805,065	601,688
			<b>Residential Total</b>	<b>1,805,065</b>	<b>601,688</b>
			<b>Non-Residential Total</b>	<b>2,081</b>	<b>345</b>
<b>Striping</b>					
Parking Area	330,585	6%		-	21,926
					<b>21,926</b>

Notes

<sup>1</sup> CalEEMod methodology calculates the paintable interior and exterior areas by multiplying the total paintable surface area by 75 and 25 percent, respectively, for non-parking land uses and 90 and 10 percent for parking land uses.

<sup>2</sup> The program assumes the total surface for painting equals 2.7 times the floor square footage for residential, 2 times that for nonresidential, and 0.05 that for parking structure square footage defined by the user.

<sup>3</sup> Assumes that all parking, other asphalt surfaces and other non-asphalt surfaces will be striped. CalEEMod methodology assumes 6% of surface area is striped.

Southern California Edison Carbon Intensity Factors

Forecasted Year	2029	
CO <sub>2</sub> :	346.20	pounds per megawatt hour
CH <sub>4</sub> :	0.033	pound per megawatt hour
N <sub>2</sub> O:	0.004	pound per megawatt hour

Notes

<sup>1</sup> CalEEMod default used.

### Changes to the CalEEMod Defaults - Fleet Mix 2029 (Proposed Project)

Trips 3,228

Default	HHD	LDA	LDT1	LDT2	LHD1	LHD2	MCY	MDV	MH	MHD	OBUS	SBUS	UBUS	
FleetMix (Model Default)	0.596388616	49.02884662	3.870088235	23.98149669	2.83098314	0.756824482	2.252391167	14.58173543	0.342905102	1.567305252	0.059479597	0.096310797	0.035243301	100.00
Percentage														100%
FleetMix (Converted)	0.005963886	0.490288466	0.038700882	0.239814967	0.028309831	0.007568245	0.022523912	0.145817354	0.003429051	0.015673053	0.000594796	0.000963108	0.000352433	100%
Trips	19	1,583	125	774	91	24	73	471	11	51	2	3	1	3,228
Percent		79%			6%			15%						100%
<b>without buses/MH</b>	0.005964	0.490288	0.038701	0.239815	0.028310	0.007568	0.022524	0.145817	0.000000	0.015673	0	0.000000	0	99%
Percent		79%			6%			15%						99%
Adjusted without buses/MH	0.006518	0.490288	0.038701	0.239815	0.030938	0.008271	0.024615	0.145817	0.000000	0.017128	0.000000	0.000000	0.000000	100%
Percent adjusted		79%			6%			15%						100%
<b>Assumed Mix</b>		97.0%			1.00%			2.00%						100%
Adjusted with Assumed Mix	0.001037	0.599405	0.047314	0.293187	0.004922	0.001316	0.030093	0.020000	0.000000	0.002725	0.000000	0.000000	0.000000	100%
Percentage														100%
<b>Adjusted CalEEMod Input</b>	<b>0.103693</b>	<b>59.940545</b>	<b>4.731402</b>	<b>29.318740</b>	<b>0.492216</b>	<b>0.131587</b>	<b>3.009313</b>	<b>2.000000</b>	<b>0.000000</b>	<b>0.272504</b>	<b>0.000000</b>	<b>0.000000</b>	<b>0.000000</b>	
Percent Check:		97%			1%			2%						
Trips	3	1,935	153	946	16	4	97	65	0	9	0	0	0	3,228
		3,131			191			65						

Fleet mix for the project is modified to reflect a higher proportion of passenger vehicles than the regional VMT. Assumes a mix of approximately 97% passenger vehicles, 2% medium duty trucks, and 1% heavy duty trucks and buses.

## CalEEMod Inputs- Euclid & Heil Residential Project, Operations (Approved Project)

**Name:** Euclid & Heil Residential Project, Operations (Approved Project)  
**Project Number:** CFV-18  
**Project Location:** 16300 Euclid Street, Fountain Valley, CA 92708  
**County/Air Basin:** Orange County  
**Climate Zone:** 8  
**Land Use Setting:** Urban  
**Operational Year:** 2029  
**Utility Company:** Southern California Edison  
**Air Basin:** South Coast Air Basin  
**Air District:** South Coast AQMD  
**SRA:** 17 - Central Orange County

### CalEEMod Land Use Inputs

Land Use Type	Land Use Subtype	Unit Amount	Size Metric	Lot Acreage	Land Use Square Feet	Landscape Square Feet	Population
Residential	Apartments Mid-Rise	542	DU	18.09	520,320	-	1,615
				<b>18.09</b>			

#### Notes

<sup>1</sup> Based on Project Description.

### Trips (Average Daily)

Land Use Type	Average Daily Trips	CalEEMod Trip Rate	Saturday Trips	CalEEMod Trip Rate	Sunday Trips	CalEEMod Trip Rate
Apartments Mid-Rise	2,461	4.54	2,477	4.57	2,043	3.77

#### Notes

<sup>1</sup> Calculated average daily trips for 542 DU based on the daily weekday and weekend trip generation for the ITE Land Use 221, Multifamily Housing (Mid Rise), for the ITE Trip Generation Manual 11th Edition (2021).

### Water Use<sup>1</sup>

	Indoor (gpy) <sup>2</sup>	Outdoor (gpy)	Total
Apartments Mid-Rise	53,197,655	0	53,197,655

#### Notes

<sup>1</sup> Assumes 100% aerobic treatment.

<sup>2</sup> Total potable water demand based on 542 DUs, 1,602 residents, and 91 water demand per capita per day from City of Fountain Valley 2020 UWMP.

### Solid Waste (CalEEMod Defaults)

Land Use	Total Solid Waste (tons/yr)
Apartments Mid-Rise	400.75

### Electricity (Buildings)

#### CalEEMod Energy Use (CalEEMod Defaults)

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)
Apartments Mid Rise	1,986,882.09	6,019,908.85	563,153.17	5,244,897.85	1,423,728.92	775,011.00

**Architectural Coating (CalEEMod Defaults)**

	<b>Percent Painted</b>
Interior Painted:	75%
Exterior Painted:	25%

**Rule 1113<sup>1</sup>**

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

**Notes**

<sup>1</sup> Applies Mitigation Measure AQ-1 for super compliant paints according to South Coast AQMD

<b>Structures</b>	<b>Land Use Square Feet</b>	<b>CalEEMod Factor<sup>2</sup></b>	<b>Total Paintable Surface Area</b>	<b>Paintable Interior Area<sup>1</sup></b>	<b>Paintable Exterior Area<sup>1</sup></b>
<b>Residential Structures</b>					
Residential	520,320	2.7	1,404,864	1,053,648	351,216
				<b>1,053,648</b>	<b>351,216</b>

**Notes**

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

<sup>2</sup> 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.

**Southern California Edison Carbon Intensity Factors**

Forecasted Year	2026	
CO <sub>2</sub> :	346.20	pounds per megawatt hour
CH <sub>4</sub> :	0.033	pound per megawatt hour
N <sub>2</sub> O:	0.004	pound per megawatt hour

**Notes**

<sup>1</sup> CalEEMod default used.

### Changes to the CalEEMod Defaults - Fleet Mix 2029 (Proposed Project)

Trips 2,461

Default	HHD	LDA	LDT1	LDT2	LHD1	LHD2	MCY	MDV	MH	MHD	OBUS	SBUS	UBUS	
FleetMix (Model Default)	0.596388616	49.02884662	3.870088235	23.98149669	2.83098314	0.756824482	2.252391167	14.58173543	0.342905102	1.567305252	0.059479597	0.096310797	0.035243301	100.00
Percentage														100%
FleetMix (Converted)	0.005963886	0.490288466	0.038700882	0.239814967	0.028309831	0.007568245	0.022523912	0.145817354	0.003429051	0.015673053	0.000594796	0.000963108	0.000352433	100%
Trips	15	1,207	95	590	70	19	55	359	8	39	1	2	1	2,461
Percent		79%			6%			15%						100%
<b>without buses/MH</b>	0.005964	0.490288	0.038701	0.239815	0.028310	0.007568	0.022524	0.145817	0.000000	0.015673	0	0.000000	0	99%
Percent		79%			6%			15%						99%
Adjusted without buses/MH	0.006518	0.490288	0.038701	0.239815	0.030938	0.008271	0.024615	0.145817	0.000000	0.017128	0.000000	0.000000	0.000000	100%
Percent adjusted		79%			6%			15%						100%
<b>Assumed Mix</b>		97.0%			1.00%			2.00%						100%
Adjusted with Assumed Mix	0.001037	0.599405	0.047314	0.293187	0.004922	0.001316	0.030093	0.020000	0.000000	0.002725	0.000000	0.000000	0.000000	100%
Percentage														100%
<b>Adjusted CalEEMod Input</b>	<b>0.103693</b>	<b>59.940545</b>	<b>4.731402</b>	<b>29.318740</b>	<b>0.492216</b>	<b>0.131587</b>	<b>3.009313</b>	<b>2.000000</b>	<b>0.000000</b>	<b>0.272504</b>	<b>0.000000</b>	<b>0.000000</b>	<b>0.000000</b>	
Percent Check:		97%			1%			2%						
Trips	3	1,475	116	722	12	3	74	49	0	7	0	0	0	2,461
		2,387			145			49						

Fleet mix for the project is modified to reflect a higher proportion of passenger vehicles than the regional VMT. Assumes a mix of approximately 97% passenger vehicles, 2% medium duty trucks, and 1% heavy duty trucks and buses.

# **CalEEMod Unmitigated and Mitigated Construction Model P0**

# Euclid and Heil, Mass Grading Custom Report

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# 1. Basic Project Information

## 1.1. Basic Project Information

Data Field	Value
Project Name	Euclid and Heil, Mass Grading
Construction Start Date	6/1/2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	19.2
Location	16300 Euclid St, Fountain Valley, CA 92708, USA
County	Orange
City	Fountain Valley
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5845
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.29

## 1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Parking Lot	18.1	Acre	18.1	0.00	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-9	Use Dust Suppressants

## 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.	2.49	1.68	40.4	60.2	0.16	0.36	10.7	11.1	0.35	3.73	4.09	—	20,682	20,682	1.22	1.74	24.0	21,257
Mit.	2.06	1.29	18.6	60.1	0.16	0.31	9.19	9.50	0.31	3.58	3.89	—	20,682	20,682	1.22	1.74	24.0	21,257
% Reduced	17%	24%	54%	< 0.5%	—	13%	14%	14%	12%	4%	5%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.25	0.16	3.98	5.42	0.02	0.04	0.87	0.90	0.04	0.27	0.30	—	2,087	2,087	0.13	0.20	1.16	2,150
Mit.	0.21	0.12	2.07	5.42	0.02	0.03	0.74	0.77	0.03	0.26	0.29	—	2,087	2,087	0.13	0.20	1.16	2,150
% Reduced	17%	25%	48%	< 0.5%	—	15%	15%	15%	14%	5%	6%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.05	0.03	0.73	0.99	< 0.005	0.01	0.16	0.17	0.01	0.05	0.06	—	345	345	0.02	0.03	0.19	356
Mit.	0.04	0.02	0.38	0.99	< 0.005	0.01	0.14	0.14	0.01	0.05	0.05	—	345	345	0.02	0.03	0.19	356
% Reduced	17%	25%	48%	< 0.5%	—	15%	15%	15%	14%	5%	6%	—	—	—	—	—	—	—

## 2.2. Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	2.49	1.68	40.4	60.2	0.16	0.36	10.7	11.1	0.35	3.73	4.09	—	20,682	20,682	1.22	1.74	24.0	21,257
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.25	0.16	3.98	5.42	0.02	0.04	0.87	0.90	0.04	0.27	0.30	—	2,087	2,087	0.13	0.20	1.16	2,150
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.05	0.03	0.73	0.99	< 0.005	0.01	0.16	0.17	0.01	0.05	0.06	—	345	345	0.02	0.03	0.19	356

## 2.3. Construction Emissions by Year, Mitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	2.06	1.29	18.6	60.1	0.16	0.31	9.19	9.50	0.31	3.58	3.89	—	20,682	20,682	1.22	1.74	24.0	21,257
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.21	0.12	2.07	5.42	0.02	0.03	0.74	0.77	0.03	0.26	0.29	—	2,087	2,087	0.13	0.20	1.16	2,150
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.04	0.02	0.38	0.99	< 0.005	0.01	0.14	0.14	0.01	0.05	0.05	—	345	345	0.02	0.03	0.19	356

### 3. Construction Emissions Details

#### 3.1. P0 Site Preparation (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.40	0.40	9.04	17.5	0.03	0.06	—	0.06	0.06	—	0.06	—	3,337	3,337	0.14	0.03	—	3,348
Dust From Material Movement	—	—	—	—	—	—	3.41	3.41	—	1.75	1.75	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.61	0.61	< 0.005	0.06	0.06	—	7.24	7.24	< 0.005	< 0.005	0.01	7.63
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.25	0.48	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	91.4	91.4	< 0.005	< 0.005	—	91.7
Dust From Material Movement	—	—	—	—	—	—	0.09	0.09	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	0.20	0.20	< 0.005	< 0.005	< 0.005	0.21
Annual	—	—	—	—	—	—	—	—	—A-35	—	—	—	—	—	—	—	—	—

Off-Road Equipment	< 0.005	< 0.005	0.05	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	15.1	15.1	< 0.005	< 0.005	—	15.2
Dust From Material Movement	—	—	—	—	—	—	0.02	0.02	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.03	0.03	< 0.005	< 0.005	< 0.005	0.03
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.03	0.56	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	133	133	< 0.005	< 0.005	0.50	135
Vendor	0.03	0.01	0.40	0.20	< 0.005	< 0.005	0.10	0.11	< 0.005	0.03	0.03	—	383	383	0.02	0.05	1.04	400
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.51	3.51	< 0.005	< 0.005	0.01	3.55
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.5	10.5	< 0.005	< 0.005	0.01	10.9
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.58	0.58	< 0.005	< 0.005	< 0.005	0.59
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.74	1.74	< 0.005	< 0.005	< 0.005	1.81
Hauling	0.00	0.00	0.00	0.00	0.00	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. P0 Site Preparation (2025) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—A-36	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.31	0.31	1.63	17.5	0.03	0.06	—	0.06	0.06	—	0.06	—	3,337	3,337	0.14	0.03	—	3,348
Dust From Material Movement	—	—	—	—	—	—	3.41	3.41	—	1.75	1.75	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.10	0.10	< 0.005	0.01	0.01	—	7.24	7.24	< 0.005	< 0.005	0.01	7.63
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.04	0.48	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	91.4	91.4	< 0.005	< 0.005	—	91.7
Dust From Material Movement	—	—	—	—	—	—	0.09	0.09	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.20	0.20	< 0.005	< 0.005	< 0.005	0.21
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	15.1	15.1	< 0.005	< 0.005	—	15.2
Dust From Material Movement	—	—	—	—	—	—	0.02	0.02	—	0.01	0.01	—	—	—	—	—	—	—

Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.03	0.03	< 0.005	< 0.005	< 0.005	0.03
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.03	0.56	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	133	133	< 0.005	< 0.005	0.50	135
Vendor	0.03	0.01	0.40	0.20	< 0.005	< 0.005	0.10	0.11	< 0.005	0.03	0.03	—	383	383	0.02	0.05	1.04	400
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.51	3.51	< 0.005	< 0.005	0.01	3.55
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.5	10.5	< 0.005	< 0.005	0.01	10.9
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.58	0.58	< 0.005	< 0.005	< 0.005	0.59
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.74	1.74	< 0.005	< 0.005	< 0.005	1.81
Hauling	0.00	0.00	0.00	0.00	0.00	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. P0 Rough Grading (2025) - Unmitigated

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

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

Off-Road Equipment	0.99	0.95	18.9	35.4	0.06	0.17	—	0.17	0.17	—	0.17	—	6,599	6,599	0.27	0.05	—	6,622
Dust From Material Movement	—	—	—	—	—	—	2.41	2.41	—	0.95	0.95	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	1.22	1.22	< 0.005	0.12	0.12	—	12.9	12.9	< 0.005	< 0.005	0.02	13.5
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.11	2.23	4.17	0.01	0.02	—	0.02	0.02	—	0.02	—	777	777	0.03	0.01	—	780
Dust From Material Movement	—	—	—	—	—	—	0.28	0.28	—	0.11	0.11	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.14	0.14	< 0.005	0.01	0.01	—	1.52	1.52	< 0.005	< 0.005	< 0.005	1.59
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.41	0.76	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	129	129	0.01	< 0.005	—	129
Dust From Material Movement	—	—	—	—	—	—	0.05	0.05	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	0.25	0.25	< 0.005	< 0.005	< 0.005	0.26
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.07	1.12	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	265	265	< 0.005	0.01	1.01	269
Vendor	0.05	0.02	0.73	0.36	< 0.005	< 0.005	0.19	0.19	< 0.005	0.05	0.06	—	701	701	0.04	0.10	1.91	733
Hauling	0.89	0.20	11.2	4.97	0.06	0.12	2.40	2.52	0.12	0.67	0.79	—	9,245	9,245	0.75	1.50	19.5	9,729
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.12	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	30.2	30.2	< 0.005	< 0.005	0.05	30.6
Vendor	0.01	< 0.005	0.09	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	82.6	82.6	< 0.005	0.01	0.10	86.3
Hauling	0.10	0.02	1.39	0.59	0.01	0.01	0.28	0.29	0.01	0.08	0.09	—	1,089	1,089	0.09	0.18	0.99	1,145
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.00	5.00	< 0.005	< 0.005	0.01	5.06
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	13.7	13.7	< 0.005	< 0.005	0.02	14.3
Hauling	0.02	< 0.005	0.25	0.11	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	180	180	0.01	0.03	0.16	190

### 3.4. P0 Rough Grading (2025) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64	0.64	4.43	35.3	0.06	0.12	—	0.12	0.12	—	0.12	—	6,599	6,599	0.27	0.05	—	6,622

Dust From Material Movement	—	—	—	—	—	—	2.41	2.41	—	0.95	0.95	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.20	0.20	< 0.005	0.02	0.02	—	12.9	12.9	< 0.005	< 0.005	0.02	13.5
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.08	0.52	4.16	0.01	0.01	—	0.01	0.01	—	0.01	—	777	777	0.03	0.01	—	780
Dust From Material Movement	—	—	—	—	—	—	0.28	0.28	—	0.11	0.11	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	1.52	1.52	< 0.005	< 0.005	< 0.005	1.59
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.10	0.76	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	129	129	0.01	< 0.005	—	129
Dust From Material Movement	—	—	—	—	—	—	0.05	0.05	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.25	0.25	< 0.005	< 0.005	< 0.005	0.26
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.07	1.12	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	265	265	< 0.005	0.01	1.01	269

Vendor	0.05	0.02	0.73	0.36	< 0.005	< 0.005	0.19	0.19	< 0.005	0.05	0.06	—	701	701	0.04	0.10	1.91	733
Hauling	0.89	0.20	11.2	4.97	0.06	0.12	2.40	2.52	0.12	0.67	0.79	—	9,245	9,245	0.75	1.50	19.5	9,729
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.12	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	30.2	30.2	< 0.005	< 0.005	0.05	30.6
Vendor	0.01	< 0.005	0.09	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	82.6	82.6	< 0.005	0.01	0.10	86.3
Hauling	0.10	0.02	1.39	0.59	0.01	0.01	0.28	0.29	0.01	0.08	0.09	—	1,089	1,089	0.09	0.18	0.99	1,145
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.00	5.00	< 0.005	< 0.005	0.01	5.06
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	13.7	13.7	< 0.005	< 0.005	0.02	14.3
Hauling	0.02	< 0.005	0.25	0.11	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	180	180	0.01	0.03	0.16	190

## 5. Activity Data

### 5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
P0 Site Preparation	Site Preparation	6/1/2025	6/15/2025	5.00	10.0	—
P0 Rough Grading	Grading	6/1/2025	7/30/2025	5.00	43.0	—

### 5.2. Off-Road Equipment

#### 5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
P0 Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Interim	2.00	8.00	367	0.40
P0 Site Preparation	Tractors/Loaders/Back hoes	Diesel	Tier 4 Interim	2.00	8.00	84.0	0.37

P0 Rough Grading	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
P0 Rough Grading	Graders	Diesel	Tier 4 Interim	1.00	8.00	148	0.41
P0 Rough Grading	Rubber Tired Dozers	Diesel	Tier 4 Interim	1.00	8.00	367	0.40
P0 Rough Grading	Scrapers	Diesel	Tier 4 Interim	2.00	8.00	423	0.48
P0 Rough Grading	Tractors/Loaders/Back hoes	Diesel	Tier 4 Interim	2.00	8.00	84.0	0.37

### 5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
P0 Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Final	2.00	8.00	367	0.40
P0 Site Preparation	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
P0 Rough Grading	Excavators	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
P0 Rough Grading	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
P0 Rough Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
P0 Rough Grading	Scrapers	Diesel	Tier 4 Final	2.00	8.00	423	0.48
P0 Rough Grading	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37

### 5.3. Construction Vehicles

#### 5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
P0 Site Preparation	—	—	—	—
P0 Site Preparation	Worker	10.0	18.5	LDA,LDT1,LDT2
P0 Site Preparation	Vendor	12.0	10.2	HHDT,MHDT
P0 Site Preparation	Hauling	0.00	20.0	HHDT
P0 Site Preparation	Onsite truck	1.00	1.65	HHDT
P0 Rough Grading	—	—	—	—

P0 Rough Grading	Worker	20.0	18.5	LDA,LDT1,LDT2
P0 Rough Grading	Vendor	22.0	10.2	HHDT,MHDT
P0 Rough Grading	Hauling	133	20.0	HHDT
P0 Rough Grading	Onsite truck	1.00	3.30	HHDT

### 5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
P0 Site Preparation	—	—	—	—
P0 Site Preparation	Worker	10.0	18.5	LDA,LDT1,LDT2
P0 Site Preparation	Vendor	12.0	10.2	HHDT,MHDT
P0 Site Preparation	Hauling	0.00	20.0	HHDT
P0 Site Preparation	Onsite truck	1.00	1.65	HHDT
P0 Rough Grading	—	—	—	—
P0 Rough Grading	Worker	20.0	18.5	LDA,LDT1,LDT2
P0 Rough Grading	Vendor	22.0	10.2	HHDT,MHDT
P0 Rough Grading	Hauling	133	20.0	HHDT
P0 Rough Grading	Onsite truck	1.00	3.30	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)
------------	--	--	--	--	-----------------------------

## 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)
P0 Site Preparation	0.00	0.00	16.5	0.00	—
P0 Rough Grading	45,600	0.00	69.0	0.00	—

### 5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%

## 5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Parking Lot	18.1	100%

## 5.8. Construction Electricity Consumption and Emissions Factors

### kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2025	0.00	532	0.03	< 0.005

## 8. User Changes to Default Data

Screen	Justification
Construction: Construction Phases	A-4 Based on Applicant info., see assumptions file

Construction: Off-Road Equipment	Tier 4-Interim equipment per Mitigation Measure AQ-1. Equipment would be shared between site preparation and rough grading activities during Mass Grading.
Construction: Dust From Material Movement	Based on Applicant info., see assumptions file

# **CalEEMod Unmitigated Construction Model P1**

# Euclid and Heil P1 For Sale Program 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	Euclid and Heil P1 For Sale Program
Construction Start Date	1/15/2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	19.2
Location	16300 Euclid St, Fountain Valley, CA 92708, USA
County	Orange
City	Fountain Valley
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5845
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.29

## 1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Condo/Townhouse High Rise	183	Dwelling Unit	5.47	349,845	93,966	0.00	545	—
Condo/Townhouse	36.0	Dwelling Unit	1.20	79,572 A-51	0.00	0.00	107	—

Health Club	0.34	1000sqft	0.01	342	0.00	0.00	—	—
Parking Lot	24.5	1000sqft	0.56	0.00	0.00	0.00	—	—
Other Asphalt Surfaces	196	1000sqft	4.49	0.00	0.00	0.00	—	—
Other Non-Asphalt Surfaces	42.2	1000sqft	0.97	0.00	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-9	Use Dust Suppressants

## 2. Emissions Summary

### 2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	12.6	12.3	28.0	56.2	0.09	0.27	6.34	6.61	0.26	1.73	1.99	—	11,915	11,915	0.43	0.36	11.8	12,044
Mit.	12.0	11.8	8.87	56.0	0.09	0.19	5.31	5.50	0.19	1.62	1.82	—	11,915	11,915	0.43	0.36	11.8	12,044
% Reduced	5%	4%	68%	< 0.5%	—	28%	16%	17%	26%	6%	9%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.22	2.03	28.1	55.0	0.09	0.27	6.34	6.61	0.26	1.73	1.99	—	11,804	11,804	0.44	0.36	0.31	11,922
Mit.	1.63	1.52	9.01	54.8	0.09	0.19	5.31	5.50	0.19	1.62	1.82	—	11,804	11,804	0.44	0.36	0.31	11,922

% Reduced	26%	25%	68%	< 0.5%	—	28%	16%	17%	26%	6%	9%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.10	2.01	10.7	21.7	0.03	0.12	2.44	2.56	0.11	0.63	0.74	—	4,726	4,726	0.16	0.17	3.00	4,785
Mit.	1.95	1.88	4.20	21.6	0.03	0.07	2.21	2.29	0.07	0.60	0.67	—	4,726	4,726	0.16	0.17	3.00	4,785
% Reduced	7%	6%	61%	1%	—	38%	10%	11%	37%	4%	9%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.38	0.37	1.96	3.96	0.01	0.02	0.45	0.47	0.02	0.11	0.13	—	782	782	0.03	0.03	0.50	792
Mit.	0.36	0.34	0.77	3.93	0.01	0.01	0.40	0.42	0.01	0.11	0.12	—	782	782	0.03	0.03	0.50	792
% Reduced	7%	6%	61%	1%	—	38%	10%	11%	37%	4%	9%	—	—	—	—	—	—	—

## 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	2.23	2.03	28.0	56.2	0.09	0.27	6.34	6.61	0.26	1.73	1.99	—	11,915	11,915	0.43	0.36	11.8	12,044
2027	1.08	0.91	8.20	18.8	0.02	0.09	2.26	2.35	0.08	0.54	0.62	—	4,274	4,274	0.12	0.19	8.13	4,340
2028	1.05	0.88	8.07	18.4	0.02	0.08	2.26	2.35	0.08	0.54	0.62	—	4,221	4,221	0.12	0.12	7.28	4,267
2029	12.6	12.3	18.1	35.7	0.04	0.23	2.95	3.19	0.22	0.70	0.92	—	7,044	7,044	0.22	0.15	8.26	7,102
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	2.22	2.03	28.1	55.0	0.09	0.27	6.34	6.61	0.26	1.73	1.99	—	11,804	11,804	0.44	0.36	0.31	11,922
2027	1.08	0.90	8.25	17.8	0.02	0.09	2.26	2.35	0.08	0.54	0.62	—	4,177	4,177	0.12	0.19	0.21	4,235
2028	1.04	0.88	8.17	17.4	0.02	0.08	2.26	2.35	0.08	0.54	0.62	—	4,125	4,125	0.12	0.19	0.19	4,184

2029	1.02	0.85	8.05	16.9	0.02	0.08	2.26	2.34	0.07	0.54	0.61	—	4,075	4,075	0.12	0.19	0.17	4,133
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	1.05	0.95	10.7	21.7	0.03	0.12	2.44	2.56	0.11	0.63	0.74	—	4,726	4,726	0.16	0.17	3.00	4,785
2027	0.77	0.65	5.94	12.9	0.01	0.06	1.60	1.66	0.06	0.38	0.44	—	3,002	3,002	0.09	0.13	2.51	3,046
2028	0.75	0.63	5.85	12.6	0.01	0.06	1.60	1.66	0.06	0.38	0.44	—	2,973	2,973	0.09	0.13	2.25	3,017
2029	2.10	2.01	5.02	10.1	0.01	0.06	1.09	1.15	0.05	0.26	0.31	—	2,228	2,228	0.07	0.09	1.35	2,257
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.19	0.17	1.96	3.96	0.01	0.02	0.45	0.47	0.02	0.11	0.13	—	782	782	0.03	0.03	0.50	792
2027	0.14	0.12	1.08	2.35	< 0.005	0.01	0.29	0.30	0.01	0.07	0.08	—	497	497	0.01	0.02	0.42	504
2028	0.14	0.12	1.07	2.30	< 0.005	0.01	0.29	0.30	0.01	0.07	0.08	—	492	492	0.01	0.02	0.37	500
2029	0.38	0.37	0.92	1.85	< 0.005	0.01	0.20	0.21	0.01	0.05	0.06	—	369	369	0.01	0.01	0.22	374

### 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	1.64	1.52	8.87	56.0	0.09	0.19	5.31	5.50	0.19	1.62	1.82	—	11,915	11,915	0.43	0.36	11.8	12,044
2027	0.85	0.71	3.58	18.7	0.02	0.06	2.26	2.33	0.06	0.54	0.60	—	4,274	4,274	0.12	0.19	8.13	4,340
2028	0.83	0.70	3.48	18.3	0.02	0.06	2.26	2.33	0.06	0.54	0.60	—	4,221	4,221	0.12	0.12	7.28	4,267
2029	12.0	11.8	7.63	35.4	0.04	0.10	2.95	3.06	0.10	0.70	0.80	—	7,044	7,044	0.22	0.15	8.26	7,102
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	1.63	1.52	9.01	54.8	0.09	0.19	5.31	5.50	0.19	1.62	1.82	—	11,804	11,804	0.44	0.36	0.31	11,922
2027	0.85	0.71	3.62	17.6	0.02	0.06	2.26	2.33	0.06	0.54	0.60	—	4,177	4,177	0.12	0.19	0.21	4,235
2028	0.83	0.69	3.59	17.2	0.02	0.06	2.26	2.33	0.06	0.54	0.60	—	4,125	4,125	0.12	0.19	0.19	4,184
2029	0.81	0.68	3.49	16.8	0.02	0.06	2.26	2.33	0.06	0.54	0.60	—	4,075	4,075	0.12	0.19	0.17	4,133

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.79	0.72	4.20	21.6	0.03	0.07	2.21	2.29	0.07	0.60	0.67	—	4,726	4,726	0.16	0.17	3.00	4,785
2027	0.60	0.51	2.64	12.8	0.01	0.05	1.60	1.64	0.04	0.38	0.42	—	3,002	3,002	0.09	0.13	2.51	3,046
2028	0.59	0.50	2.57	12.5	0.01	0.05	1.60	1.65	0.04	0.38	0.42	—	2,973	2,973	0.09	0.13	2.25	3,017
2029	1.95	1.88	2.14	10.1	0.01	0.03	1.09	1.12	0.03	0.26	0.29	—	2,228	2,228	0.07	0.09	1.35	2,257
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.14	0.13	0.77	3.93	0.01	0.01	0.40	0.42	0.01	0.11	0.12	—	782	782	0.03	0.03	0.50	792
2027	0.11	0.09	0.48	2.34	< 0.005	0.01	0.29	0.30	0.01	0.07	0.08	—	497	497	0.01	0.02	0.42	504
2028	0.11	0.09	0.47	2.29	< 0.005	0.01	0.29	0.30	0.01	0.07	0.08	—	492	492	0.01	0.02	0.37	500
2029	0.36	0.34	0.39	1.84	< 0.005	0.01	0.20	0.21	0.01	0.05	0.05	—	369	369	0.01	0.01	0.22	374

### 3. Construction Emissions Details

#### 3.1. P1 Fine Grading (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.98	0.95	18.9	35.4	0.06	0.17	—	0.17	0.16	—	0.16	—	6,599	6,599	0.27	0.05	—	6,621
Dust From Material Movement	—	—	—	—	—	—	2.39	2.39	—	0.95	0.95	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	1.22	1.22	< 0.005	0.12	0.12	—	12.6	12.6	< 0.005	< 0.005	0.02	13.3

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.98	0.95	18.9	35.4	0.06	0.17	—	0.17	0.16	—	0.16	—	6,599	6,599	0.27	0.05	—	6,621
Dust From Material Movement	—	—	—	—	—	—	2.39	2.39	—	0.95	0.95	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	1.22	1.22	< 0.005	0.12	0.12	—	12.7	12.7	< 0.005	< 0.005	< 0.005	13.3
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.21	0.20	3.98	7.47	0.01	0.04	—	0.04	0.03	—	0.03	—	1,392	1,392	0.06	0.01	—	1,397
Dust From Material Movement	—	—	—	—	—	—	0.50	0.50	—	0.20	0.20	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.24	0.24	< 0.005	0.02	0.02	—	2.67	2.67	< 0.005	< 0.005	< 0.005	2.80
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.73	1.36	< 0.005	0.01	—	0.01	0.01	—	0.01	—	230	230	0.01	< 0.005	—	231
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	—	0.44	0.44	< 0.005	< 0.005	< 0.005	0.46
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.06	1.05	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	260	260	< 0.005	0.01	0.91	264
Vendor	0.06	0.02	0.73	0.37	0.01	0.01	0.20	0.20	0.01	0.05	0.06	—	721	721	0.04	0.10	1.86	754
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.07	0.91	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	248	248	< 0.005	0.01	0.02	251
Vendor	0.06	0.01	0.76	0.38	0.01	0.01	0.20	0.20	0.01	0.05	0.06	—	722	722	0.04	0.10	0.05	753
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.20	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	53.0	53.0	< 0.005	< 0.005	0.08	53.7
Vendor	0.01	< 0.005	0.16	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	152	152	0.01	0.02	0.17	159
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.78	8.78	< 0.005	< 0.005	0.01	8.89
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	25.2	25.2	< 0.005	< 0.005	0.03	26.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.2. P1 Fine Grading (2026) - Mitigated

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

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

Off-Road Equipm	0.64	0.64	4.43	35.3	0.06	0.12	—	0.12	0.12	—	0.12	—	6,599	6,599	0.27	0.05	—	6,621
Dust From Material Movement	—	—	—	—	—	—	2.39	2.39	—	0.95	0.95	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.20	0.20	< 0.005	0.02	0.02	—	12.6	12.6	< 0.005	< 0.005	0.02	13.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64	0.64	4.43	35.3	0.06	0.12	—	0.12	0.12	—	0.12	—	6,599	6,599	0.27	0.05	—	6,621
Dust From Material Movement	—	—	—	—	—	—	2.39	2.39	—	0.95	0.95	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.20	0.20	< 0.005	0.02	0.02	—	12.7	12.7	< 0.005	< 0.005	< 0.005	13.3
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.13	0.93	7.46	0.01	0.03	—	0.03	0.03	—	0.03	—	1,392	1,392	0.06	0.01	—	1,397
Dust From Material Movement	—	—	—	—	—	—	0.50	0.50	—	0.20	0.20	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.04	0.04	< 0.005	< 0.005	< 0.005	—	2.67	2.67	< 0.005	< 0.005	< 0.005	2.80
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.02	0.02	0.17	1.36	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	230	230	0.01	< 0.005	—	231
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	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.44	0.44	< 0.005	< 0.005	< 0.005	0.46
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.06	1.05	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	260	260	< 0.005	0.01	0.91	264
Vendor	0.06	0.02	0.73	0.37	0.01	0.01	0.20	0.20	0.01	0.05	0.06	—	721	721	0.04	0.10	1.86	754
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.07	0.91	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	248	248	< 0.005	0.01	0.02	251
Vendor	0.06	0.01	0.76	0.38	0.01	0.01	0.20	0.20	0.01	0.05	0.06	—	722	722	0.04	0.10	0.05	753
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.20	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	53.0	53.0	< 0.005	< 0.005	0.08	53.7
Vendor	0.01	< 0.005	0.16	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	152	152	0.01	0.02	0.17	159
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.78	8.78	< 0.005	< 0.005	0.01	8.89
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	25.2	25.2	< 0.005	< 0.005	0.03	26.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.3. P1 Building Construction (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.51	0.45	7.05	10.7	0.02	0.09	—	0.09	0.08	—	0.08	—	1,531	1,531	0.06	0.01	—	1,536
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	0.51	0.45	7.05	10.7	0.02	0.09	—	0.09	0.08	—	0.08	—	1,531	1,531	0.06	0.01	—	1,536
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	0.35	0.31	4.84	7.35	0.01	0.06	—	0.06	0.06	—	0.06	—	1,052	1,052	0.04	0.01	—	1,055
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	0.06	0.88	1.34	< 0.005	0.01	—	0.01	0.01	—	0.01	—	174	174	0.01	< 0.005	—	175

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	0.55	0.53	0.48	8.32	0.00	0.00	2.06	2.06	0.00	0.48	0.48	—	2,055	2,055	0.02	0.07	7.14	2,085
Vendor	0.06	0.02	0.75	0.38	0.01	0.01	0.20	0.21	0.01	0.06	0.06	—	736	736	0.04	0.10	1.90	770
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.54	0.53	0.55	7.17	0.00	0.00	2.06	2.06	0.00	0.48	0.48	—	1,956	1,956	0.03	0.07	0.19	1,979
Vendor	0.06	0.01	0.78	0.38	0.01	0.01	0.20	0.21	0.01	0.06	0.06	—	736	736	0.04	0.10	0.05	768
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.37	0.36	0.38	5.12	0.00	0.00	1.40	1.40	0.00	0.33	0.33	—	1,362	1,362	0.02	0.05	2.12	1,380
Vendor	0.04	0.01	0.54	0.26	< 0.005	< 0.005	0.14	0.14	< 0.005	0.04	0.04	—	506	506	0.03	0.07	0.56	528
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.07	0.07	0.07	0.93	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	225	225	< 0.005	0.01	0.35	228
Vendor	0.01	< 0.005	0.10	0.05	< 0.005	< 0.005	0.02	0.03	< 0.005	0.01	0.01	—	83.7	83.7	< 0.005	0.01	0.09	87.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.4. P1 Building Construction (2026) - Mitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.27	0.25	2.39	10.6	0.02	0.06	—	0.06	0.06	—	0.06	—	1,531	1,531	0.06	0.01	—	1,536
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	0.27	0.25	2.39	10.6	0.02	0.06	—	0.06	0.06	—	0.06	—	1,531	1,531	0.06	0.01	—	1,536
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	0.17	1.64	7.25	0.01	0.04	—	0.04	0.04	—	0.04	—	1,052	1,052	0.04	0.01	—	1,055
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.30	1.32	< 0.005	0.01	—	0.01	0.01	—	0.01	—	174	174	0.01	< 0.005	—	175
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	0.55	0.53	0.48	8.32	0.00	0.00	2.06	2.06	0.00	0.48	0.48	—	2,055	2,055	0.02	0.07	7.14	2,085
Vendor	0.06	0.02	0.75	0.38	0.01	0.01	0.20	0.21	0.01	0.06	0.06	—	736	736	0.04	0.10	1.90	770
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.54	0.53	0.55	7.17	0.00	0.00	2.06	2.06	0.00	0.48	0.48	—	1,956	1,956	0.03	0.07	0.19	1,979
Vendor	0.06	0.01	0.78	0.38	0.01	0.01	0.20	0.21	0.01	0.06	0.06	—	736	736	0.04	0.10	0.05	768
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.37	0.36	0.38	5.12	0.00	0.00	1.40	1.40	0.00	0.33	0.33	—	1,362	1,362	0.02	0.05	2.12	1,380
Vendor	0.04	0.01	0.54	0.26	< 0.005	< 0.005	0.14	0.14	< 0.005	0.04	0.04	—	506	506	0.03	0.07	0.56	528
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.07	0.07	0.07	0.93	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	225	225	< 0.005	0.01	0.35	228
Vendor	0.01	< 0.005	0.10	0.05	< 0.005	< 0.005	0.02	0.03	< 0.005	0.01	0.01	—	83.7	83.7	< 0.005	0.01	0.09	87.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.5. P1 Building Construction (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.50	0.44	7.01	10.7	0.02	0.08	—	0.08	0.08	—	0.08	—	1,531	1,531	0.06	0.01	—	1,536

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	0.50	0.44	7.01	10.7	0.02	0.08	—	0.08	0.08	—	0.08	—	1,531	1,531	0.06	0.01	—	1,536
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	0.35	0.32	5.01	7.63	0.01	0.06	—	0.06	0.06	—	0.06	—	1,093	1,093	0.04	0.01	—	1,097
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	0.06	0.91	1.39	< 0.005	0.01	—	0.01	0.01	—	0.01	—	181	181	0.01	< 0.005	—	182
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	0.53	0.45	0.47	7.80	0.00	0.00	2.06	2.06	0.00	0.48	0.48	—	2,021	2,021	0.02	0.07	6.41	2,050
Vendor	0.06	0.02	0.72	0.36	0.01	0.01	0.20	0.21	0.01	0.06	0.06	—	722	722	0.04	0.10	1.73	754
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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Worker	0.53	0.45	0.48	6.71	0.00	0.00	2.06	2.06	0.00	0.48	0.48	—	1,923	1,923	0.02	0.07	0.17	1,946
Vendor	0.06	0.01	0.75	0.37	0.01	0.01	0.20	0.21	0.01	0.06	0.06	—	723	723	0.04	0.10	0.04	753
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.37	0.32	0.39	5.00	0.00	0.00	1.46	1.46	0.00	0.34	0.34	—	1,392	1,392	0.02	0.05	1.98	1,411
Vendor	0.04	0.01	0.54	0.26	< 0.005	< 0.005	0.14	0.15	< 0.005	0.04	0.04	—	516	516	0.03	0.07	0.53	538
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.07	0.06	0.07	0.91	0.00	0.00	0.27	0.27	0.00	0.06	0.06	—	231	231	< 0.005	0.01	0.33	234
Vendor	0.01	< 0.005	0.10	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	85.5	85.5	< 0.005	0.01	0.09	89.1
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

### 3.6. P1 Building Construction (2027) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.27	0.25	2.39	10.6	0.02	0.06	—	0.06	0.06	—	0.06	—	1,531	1,531	0.06	0.01	—	1,536
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	0.27	0.25	2.39	10.6	0.02	0.06	—	0.06	0.06	—	0.06	—	1,531	1,531	0.06	0.01	—	1,536
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	0.19	0.18	1.71	7.54	0.01	0.04	—	0.04	0.04	—	0.04	—	1,093	1,093	0.04	0.01	—	1,097
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.31	1.38	< 0.005	0.01	—	0.01	0.01	—	0.01	—	181	181	0.01	< 0.005	—	182
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	0.53	0.45	0.47	7.80	0.00	0.00	2.06	2.06	0.00	0.48	0.48	—	2,021	2,021	0.02	0.07	6.41	2,050
Vendor	0.06	0.02	0.72	0.36	0.01	0.01	0.20	0.21	0.01	0.06	0.06	—	722	722	0.04	0.10	1.73	754
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.53	0.45	0.48	6.71	0.00	0.00	2.06	2.06	0.00	0.48	0.48	—	1,923	1,923	0.02	0.07	0.17	1,946
Vendor	0.06	0.01	0.75	0.37	0.01	0.01	0.20	0.21	0.01	0.06	0.06	—	723	723	0.04	0.10	0.04	753
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.37	0.32	0.39	5.00	0.00	0.00	1.46	1.46	0.00	0.34	0.34	—	1,392	1,392	0.02	0.05	1.98	1,411
Vendor	0.04	0.01	0.54	0.26	< 0.005	< 0.005	0.14	0.15	< 0.005	0.04	0.04	—	516	516	0.03	0.07	0.53	538
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.07	0.06	0.07	0.91	0.00	0.00	0.27	0.27	0.00	0.06	0.06	—	231	231	< 0.005	0.01	0.33	234
Vendor	0.01	< 0.005	0.10	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	85.5	85.5	< 0.005	0.01	0.09	89.1
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

### 3.7. P1 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	0.48	0.43	6.97	10.7	0.02	0.08	—	0.08	0.07	—	0.07	—	1,531	1,531	0.06	0.01	—	1,536
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	0.48	0.43	6.97	10.7	0.02	0.08	—	0.08	0.07	—	0.07	—	1,531	1,531	0.06	0.01	—	1,536
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	0.35	0.31	4.99	7.64	0.01	0.06	—	0.06	0.05	—	0.05	—	1,096	1,096	0.04	0.01	—	1,100
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	0.06	0.91	1.40	< 0.005	0.01	—	0.01	0.01	—	0.01	—	182	182	0.01	< 0.005	—	182
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	0.51	0.44	0.41	7.36	0.00	0.00	2.06	2.06	0.00	0.48	0.48	—	1,984	1,984	0.02	0.01	5.73	1,994
Vendor	0.05	0.01	0.69	0.35	0.01	0.01	0.20	0.21	0.01	0.06	0.06	—	706	706	0.04	0.10	1.55	738
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.51	0.43	0.48	6.32	0.00	0.00	2.06	2.06	0.00	0.48	0.48	—	1,889	1,889	0.02	0.07	0.15	1,912
Vendor	0.05	0.01	0.72	0.35	0.01	0.01	0.20	0.21	0.01	0.06	0.06	—	706	706	0.04	0.10	0.04	736
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.37	0.31	0.34	4.74	0.00	0.00	1.46	1.46	0.00	0.34	0.34	—	1,371	1,371	0.02	0.05	1.77	1,389
Vendor	0.04	0.01	0.52	0.25	< 0.005	< 0.005	0.14	0.15	< 0.005	0.04	0.04	—	506	506	0.03	0.07	0.48	528
Hauling	0.00	0.00	0.00	0.00	0.00	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	—	—	—	—	—	—	—	—	—A-68	—	—	—	—	—	—	—	—	—

Worker	0.07	0.06	0.06	0.86	0.00	0.00	0.27	0.27	0.00	0.06	0.06	—	227	227	< 0.005	0.01	0.29	230
Vendor	0.01	< 0.005	0.09	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	83.7	83.7	< 0.005	0.01	0.08	87.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.8. P1 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	0.27	0.25	2.39	10.6	0.02	0.06	—	0.06	0.06	—	0.06	—	1,531	1,531	0.06	0.01	—	1,536
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	0.27	0.25	2.39	10.6	0.02	0.06	—	0.06	0.06	—	0.06	—	1,531	1,531	0.06	0.01	—	1,536
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	0.19	0.18	1.71	7.56	0.01	0.04	—	0.04	0.04	—	0.04	—	1,096	1,096	0.04	0.01	—	1,100
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.31	1.38	< 0.005	0.01	—	0.01	0.01	—	0.01	—	182	182	0.01	< 0.005	—	182
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	0.51	0.44	0.41	7.36	0.00	0.00	2.06	2.06	0.00	0.48	0.48	—	1,984	1,984	0.02	0.01	5.73	1,994
Vendor	0.05	0.01	0.69	0.35	0.01	0.01	0.20	0.21	0.01	0.06	0.06	—	706	706	0.04	0.10	1.55	738
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.51	0.43	0.48	6.32	0.00	0.00	2.06	2.06	0.00	0.48	0.48	—	1,889	1,889	0.02	0.07	0.15	1,912
Vendor	0.05	0.01	0.72	0.35	0.01	0.01	0.20	0.21	0.01	0.06	0.06	—	706	706	0.04	0.10	0.04	736
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.37	0.31	0.34	4.74	0.00	0.00	1.46	1.46	0.00	0.34	0.34	—	1,371	1,371	0.02	0.05	1.77	1,389
Vendor	0.04	0.01	0.52	0.25	< 0.005	< 0.005	0.14	0.15	< 0.005	0.04	0.04	—	506	506	0.03	0.07	0.48	528
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.07	0.06	0.06	0.86	0.00	0.00	0.27	0.27	0.00	0.06	0.06	—	227	227	< 0.005	0.01	0.29	230
Vendor	0.01	< 0.005	0.09	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	83.7	83.7	< 0.005	0.01	0.08	87.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.9. P1 Building Construction (2029) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.47	0.42	6.95	10.7	0.02	0.07	—	0.07	0.07	—	0.07	—	1,530	1,530	0.06	0.01	—	1,536
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	0.47	0.42	6.95	10.7	0.02	0.07	—	0.07	0.07	—	0.07	—	1,530	1,530	0.06	0.01	—	1,536
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	0.21	0.19	3.09	4.74	0.01	0.03	—	0.03	0.03	—	0.03	—	680	680	0.03	0.01	—	682
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	0.04	0.03	0.56	0.86	< 0.005	0.01	—	0.01	0.01	—	0.01	—	113	113	< 0.005	< 0.005	—	113
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	0.49	0.42	0.40	6.92	0.00	0.00	2.06	2.06	0.00	0.48	0.48	—	1,951	1,951	0.02	0.01	5.09	1,960
Vendor	0.05	0.01	0.66	0.33	0.01	0.01	0.20	0.21	0.01	0.06	0.06	—	687	687	0.04	0.10	1.39	719
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.49	0.42	0.41	5.94	0.00	0.00	2.06	2.06	0.00	0.48	0.48	—	1,857	1,857	0.02	0.07	0.13	1,880
Vendor	0.05	0.01	0.69	0.34	0.01	0.01	0.20	0.21	0.01	0.06	0.06	—	687	687	0.04	0.10	0.04	718
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.22	0.18	0.18	2.77	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	836	836	0.01	0.03	0.98	847
Vendor	0.02	0.01	0.31	0.15	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	305	305	0.02	0.04	0.27	319
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.04	0.03	0.03	0.51	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	138	138	< 0.005	0.01	0.16	140
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	50.5	50.5	< 0.005	0.01	0.04	52.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.10. P1 Building Construction (2029) - Mitigated

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

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

Off-Road	0.27	0.25	2.38	10.6	0.02	0.06	—	0.06	0.05	—	0.05	—	1,530	1,530	0.06	0.01	—	1,536
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	0.27	0.25	2.38	10.6	0.02	0.06	—	0.06	0.05	—	0.05	—	1,530	1,530	0.06	0.01	—	1,536
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	0.12	0.11	1.06	4.69	0.01	0.03	—	0.03	0.02	—	0.02	—	680	680	0.03	0.01	—	682
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	0.19	0.86	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	113	113	< 0.005	< 0.005	—	113
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	0.49	0.42	0.40	6.92	0.00	0.00	2.06	2.06	0.00	0.48	0.48	—	1,951	1,951	0.02	0.01	5.09	1,960
Vendor	0.05	0.01	0.66	0.33	0.01	0.01	0.20	0.21	0.01	0.06	0.06	—	687	687	0.04	0.10	1.39	719
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.49	0.42	0.41	5.94	0.00	0.00	2.06	2.06	0.00	0.48	0.48	—	1,857	1,857	0.02	0.07	0.13	1,880
Vendor	0.05	0.01	0.69	0.34	0.01	0.01	0.20	0.21	0.01	0.06	0.06	—	687	687	0.04	0.10	0.04	718
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.22	0.18	0.18	2.77	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	836	836	0.01	0.03	0.98	847
Vendor	0.02	0.01	0.31	0.15	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	305	305	0.02	0.04	0.27	319
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.04	0.03	0.03	0.51	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	138	138	< 0.005	0.01	0.16	140
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	50.5	50.5	< 0.005	0.01	0.04	52.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.11. P1 Paving (2029) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.47	0.42	6.69	10.6	0.01	0.08	—	0.08	0.08	—	0.08	—	1,511	1,511	0.06	0.01	—	1,516
Paving	0.25	0.25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.95	1.51	< 0.005	0.01	—	0.01	0.01	—	0.01	—	215	215	0.01	< 0.005	—	216
Paving	0.04	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.17	0.28	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	35.6	35.6	< 0.005	< 0.005	—	35.8
Paving	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.66	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	185	185	< 0.005	< 0.005	0.48	186
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	58.5	58.5	< 0.005	0.01	0.12	61.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	25.5	25.5	< 0.005	< 0.005	0.03	25.8
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.34	8.34	< 0.005	< 0.005	0.01	8.72

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	4.22	4.22	< 0.005	< 0.005	< 0.005	4.28
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.38	1.38	< 0.005	< 0.005	< 0.005	1.44
Hauling	0.00	0.00	0.00	0.00	0.00	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. P1 Paving (2029) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	1.93	10.6	0.01	0.03	—	0.03	0.03	—	0.03	—	1,511	1,511	0.06	0.01	—	1,516
Paving	0.25	0.25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.28	1.51	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	215	215	0.01	< 0.005	—	216
Paving	0.04	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—A-76	—	—	—	—	—	—	—	—	—

Off-Road Equipment	< 0.005	< 0.005	0.05	0.28	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	35.6	35.6	< 0.005	< 0.005	—	35.8
Paving	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.66	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	185	185	< 0.005	< 0.005	0.48	186
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	58.5	58.5	< 0.005	0.01	0.12	61.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	25.5	25.5	< 0.005	< 0.005	0.03	25.8
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.34	8.34	< 0.005	< 0.005	0.01	8.72
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	4.22	4.22	< 0.005	< 0.005	< 0.005	4.28
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.38	1.38	< 0.005	< 0.005	< 0.005	1.44
Hauling	0.00	0.00	0.00	0.00	0.00	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. P1 Architectural Coating (2029) - Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.79	1.11	< 0.005	0.01	—	0.01	0.01	—	0.01	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	10.5	10.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.11	0.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	19.0	19.0	< 0.005	< 0.005	—	19.1
Architectural Coatings	1.49	1.49	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.15	3.15	< 0.005	< 0.005	—	3.16
Architectural Coatings	0.27	0.27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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	0.10	0.08	0.08	1.38	0.00	0.00	0.41	0.41	0.00	0.10	0.10	—	390	390	< 0.005	< 0.005	1.02	392
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.18	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	53.6	53.6	< 0.005	< 0.005	0.06	54.3
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	—	8.88	8.88	< 0.005	< 0.005	0.01	9.00
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	0.00	0.00	0.00	0.00	0.00	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. P1 Architectural Coating (2029) - Mitigated

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

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

Off-Road Equipment	0.02	0.02	0.65	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	10.5	10.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.09	0.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	19.0	19.0	< 0.005	< 0.005	—	19.1
Architectural Coatings	1.49	1.49	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.15	3.15	< 0.005	< 0.005	—	3.16
Architectural Coatings	0.27	0.27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.10	0.08	0.08	1.38	0.00	0.00	0.41	0.41	0.00	0.10	0.10	—	390	390	< 0.005	< 0.005	1.02	392
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.18	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	53.6	53.6	< 0.005	< 0.005	0.06	54.3
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	—	8.88	8.88	< 0.005	< 0.005	0.01	9.00
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	0.00	0.00	0.00	0.00	0.00	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. P1 Utility Trenching (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	0.20	0.18	3.27	4.76	0.01	0.08	—	0.08	0.07	—	0.07	—	677	677	0.03	0.01	—	679
Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.15	0.15	< 0.005	0.02	0.02	—	2.97	2.97	< 0.005	< 0.005	< 0.005	3.13

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Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.75	1.10	< 0.005	0.02	—	0.02	0.02	—	0.02	—	156	156	0.01	< 0.005	—	156
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.03	0.03	< 0.005	< 0.005	< 0.005	—	0.68	0.68	< 0.005	< 0.005	< 0.005	0.72
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.14	0.20	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	25.8	25.8	< 0.005	< 0.005	—	25.9
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.40	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	97.7	97.7	< 0.005	< 0.005	0.34	99.1
Vendor	0.01	< 0.005	0.13	0.06	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	125	125	0.01	0.02	0.32	131
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	21.7	21.7	< 0.005	< 0.005	0.03	22.0
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	28.9	28.9	< 0.005	< 0.005	0.03	30.2
Hauling	0.00	0.00	0.00	0.00	0.00	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	—	3.59	3.59	< 0.005	< 0.005	0.01	3.64
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.78	4.78	< 0.005	< 0.005	0.01	4.99
Hauling	0.00	0.00	0.00	0.00	0.00	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. P1 Utility Trenching (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	0.09	0.09	2.08	4.73	0.01	0.01	—	0.01	0.01	—	0.01	—	677	677	0.03	0.01	—	679
Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	2.97	2.97	< 0.005	< 0.005	< 0.005	3.13
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.48	1.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	156	156	0.01	< 0.005	—	156
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.68	0.68	< 0.005	< 0.005	< 0.005	0.72
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.09	0.20	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	25.8	25.8	< 0.005	< 0.005	—	25.9

Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.11	0.11	< 0.005	< 0.005	< 0.005	0.12
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.40	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	97.7	97.7	< 0.005	< 0.005	0.34	99.1
Vendor	0.01	< 0.005	0.13	0.06	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	125	125	0.01	0.02	0.32	131
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	21.7	21.7	< 0.005	< 0.005	0.03	22.0
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	28.9	28.9	< 0.005	< 0.005	0.03	30.2
Hauling	0.00	0.00	0.00	0.00	0.00	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	—	3.59	3.59	< 0.005	< 0.005	0.01	3.64
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.78	4.78	< 0.005	< 0.005	0.01	4.99
Hauling	0.00	0.00	0.00	0.00	0.00	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. P1 Finishing and Landscaping (2029) - Unmitigated

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

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

Off-Road Equipment	0.09	0.09	2.45	3.74	< 0.005	0.06	—	0.06	0.05	—	0.05	—	535	535	0.02	< 0.005	—	537
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.35	0.53	< 0.005	0.01	—	0.01	0.01	—	0.01	—	76.3	76.3	< 0.005	< 0.005	—	76.5
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.06	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.6	12.6	< 0.005	< 0.005	—	12.7
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	0.02	0.01	0.01	0.22	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	61.8	61.8	< 0.005	< 0.005	0.16	62.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	—	8.50	8.50	< 0.005	< 0.005	0.01	8.61
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	—	1.41	1.41	< 0.005	< 0.005	< 0.005	1.43
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. P1 Finishing and Landscaping (2029) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.07	1.41	3.74	< 0.005	0.01	—	0.01	0.01	—	0.01	—	535	535	0.02	< 0.005	—	537
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.20	0.53	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	76.3	76.3	< 0.005	< 0.005	—	76.5
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
Annual	—	—	—	—	—	—	—	—	—A-86	—	—	—	—	—	—	—	—	—

Off-Road Equipment	< 0.005	< 0.005	0.04	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.6	12.6	< 0.005	< 0.005	—	12.7
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	0.02	0.01	0.01	0.22	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	61.8	61.8	< 0.005	< 0.005	0.16	62.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	—	8.50	8.50	< 0.005	< 0.005	0.01	8.61
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	—	1.41	1.41	< 0.005	< 0.005	< 0.005	1.43
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
P1 Fine Grading	Grading	1/15/2026	5/1/2026	5.00	77.0	—
P1 Building Construction	Building Construction	1/15/2026	8/15/2029	5.00	935	—

P1 Paving	Paving	6/5/2029	8/15/2029	5.00	52.0	—
P1 Architectural Coating	Architectural Coating	6/5/2029	8/15/2029	5.00	52.0	—
P1 Utility Trenching	Trenching	5/2/2026	8/27/2026	5.00	84.0	—
P1 Finishing and Landscaping	Trenching	6/5/2029	8/15/2029	5.00	52.0	—

## 5.2. Off-Road Equipment

### 5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
P1 Fine Grading	Graders	Diesel	Tier 4 Interim	1.00	8.00	148	0.41
P1 Fine Grading	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
P1 Fine Grading	Tractors/Loaders/Back hoes	Diesel	Tier 4 Interim	2.00	8.00	84.0	0.37
P1 Fine Grading	Scrapers	Diesel	Tier 4 Interim	2.00	8.00	423	0.48
P1 Fine Grading	Rubber Tired Dozers	Diesel	Tier 4 Interim	1.00	8.00	367	0.40
P1 Building Construction	Forklifts	Diesel	Tier 4 Interim	3.00	8.00	82.0	0.20
P1 Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
P1 Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
P1 Building Construction	Tractors/Loaders/Back hoes	Diesel	Tier 4 Interim	3.00	7.00	84.0	0.37
P1 Paving	Pavers	Diesel	Tier 4 Interim	2.00	8.00	81.0	0.42
P1 Paving	Paving Equipment	Diesel	Tier 4 Interim	2.00	8.00	89.0	0.36
P1 Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
P1 Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48
P1 Utility Trenching	Tractors/Loaders/Back hoes	Diesel	Tier 4 Interim	1.00	8.00	84.0	0.37

P1 Utility Trenching	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
P1 Utility Trenching	Skid Steer Loaders	Diesel	Tier 4 Interim	1.00	8.00	71.0	0.37
P1 Finishing and Landscaping	Skid Steer Loaders	Diesel	Tier 4 Interim	1.00	8.00	71.0	0.37
P1 Finishing and Landscaping	Tractors/Loaders/Back hoes	Diesel	Tier 4 Interim	1.00	8.00	84.0	0.37

### 5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
P1 Fine Grading	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
P1 Fine Grading	Excavators	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
P1 Fine Grading	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
P1 Fine Grading	Scrapers	Diesel	Tier 4 Final	2.00	8.00	423	0.48
P1 Fine Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
P1 Building Construction	Forklifts	Diesel	Tier 4 Final	3.00	8.00	82.0	0.20
P1 Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
P1 Building Construction	Welders	Diesel	Tier 4 Final	1.00	8.00	46.0	0.45
P1 Building Construction	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	3.00	7.00	84.0	0.37
P1 Paving	Pavers	Diesel	Tier 4 Final	2.00	8.00	81.0	0.42
P1 Paving	Paving Equipment	Diesel	Tier 4 Final	2.00	8.00	89.0	0.36
P1 Paving	Rollers	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
P1 Architectural Coating	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	37.0	0.48
P1 Utility Trenching	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
P1 Utility Trenching	Excavators	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38

P1 Utility Trenching	Skid Steer Loaders	Diesel	Tier 4 Final	1.00	8.00	71.0	0.37
P1 Finishing and Landscaping	Skid Steer Loaders	Diesel	Tier 4 Final	1.00	8.00	71.0	0.37
P1 Finishing and Landscaping	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37

## 5.3. Construction Vehicles

### 5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
P1 Utility Trenching	—	—	—	—
P1 Utility Trenching	Worker	7.50	18.5	LDA,LDT1,LDT2
P1 Utility Trenching	Vendor	4.00	10.2	HHDT,MHDT
P1 Utility Trenching	Hauling	0.00	20.0	HHDT
P1 Utility Trenching	Onsite truck	1.00	0.41	HHDT
P1 Fine Grading	—	—	—	—
P1 Fine Grading	Worker	20.0	18.5	LDA,LDT1,LDT2
P1 Fine Grading	Vendor	23.0	10.2	HHDT,MHDT
P1 Fine Grading	Hauling	0.00	20.0	HHDT
P1 Fine Grading	Onsite truck	1.00	3.30	HHDT
P1 Building Construction	—	—	—	—
P1 Building Construction	Worker	158	18.5	LDA,LDT1,LDT2
P1 Building Construction	Vendor	23.5	10.2	HHDT,MHDT
P1 Building Construction	Hauling	0.00	20.0	HHDT
P1 Building Construction	Onsite truck	0.00	—	HHDT
P1 Paving	—	—	—	—
P1 Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
P1 Paving	Vendor	2.00	10.2	HHDT,MHDT
P1 Paving	Hauling	0.00	20.0	HHDT

P1 Paving	Onsite truck	0.00	—	HHDT
P1 Architectural Coating	—	—	—	—
P1 Architectural Coating	Worker	31.6	18.5	LDA,LDT1,LDT2
P1 Architectural Coating	Vendor	0.00	10.2	HHDT,MHDT
P1 Architectural Coating	Hauling	0.00	20.0	HHDT
P1 Architectural Coating	Onsite truck	0.00	—	HHDT
P1 Finishing and Landscaping	—	—	—	—
P1 Finishing and Landscaping	Worker	5.00	18.5	LDA,LDT1,LDT2
P1 Finishing and Landscaping	Vendor	0.00	10.2	HHDT,MHDT
P1 Finishing and Landscaping	Hauling	0.00	20.0	HHDT
P1 Finishing and Landscaping	Onsite truck	0.00	—	HHDT

### 5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
P1 Utility Trenching	—	—	—	—
P1 Utility Trenching	Worker	7.50	18.5	LDA,LDT1,LDT2
P1 Utility Trenching	Vendor	4.00	10.2	HHDT,MHDT
P1 Utility Trenching	Hauling	0.00	20.0	HHDT
P1 Utility Trenching	Onsite truck	1.00	0.41	HHDT
P1 Fine Grading	—	—	—	—
P1 Fine Grading	Worker	20.0	18.5	LDA,LDT1,LDT2
P1 Fine Grading	Vendor	23.0	10.2	HHDT,MHDT
P1 Fine Grading	Hauling	0.00	20.0	HHDT
P1 Fine Grading	Onsite truck	1.00	3.30	HHDT
P1 Building Construction	—	—	—	—
P1 Building Construction	Worker	158	18.5	LDA,LDT1,LDT2
P1 Building Construction	Vendor	23.5	10.2	HHDT,MHDT
P1 Building Construction	Hauling	0.00	20.0	HHDT

P1 Building Construction	Onsite truck	0.00	—	HHDT
P1 Paving	—	—	—	—
P1 Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
P1 Paving	Vendor	2.00	10.2	HHDT,MHDT
P1 Paving	Hauling	0.00	20.0	HHDT
P1 Paving	Onsite truck	0.00	—	HHDT
P1 Architectural Coating	—	—	—	—
P1 Architectural Coating	Worker	31.6	18.5	LDA,LDT1,LDT2
P1 Architectural Coating	Vendor	0.00	10.2	HHDT,MHDT
P1 Architectural Coating	Hauling	0.00	20.0	HHDT
P1 Architectural Coating	Onsite truck	0.00	—	HHDT
P1 Finishing and Landscaping	—	—	—	—
P1 Finishing and Landscaping	Worker	5.00	18.5	LDA,LDT1,LDT2
P1 Finishing and Landscaping	Vendor	0.00	10.2	HHDT,MHDT
P1 Finishing and Landscaping	Hauling	0.00	20.0	HHDT
P1 Finishing and Landscaping	Onsite truck	0.00	—	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)

P1 Architectural Coating	869,569	289,856	513	171	15,740
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## 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)
P1 Fine Grading	0.00	0.00	231	0.00	—
P1 Paving	0.00	0.00	0.00	0.00	6.02

### 5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%

## 5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Condo/Townhouse High Rise	—	0%
Condo/Townhouse	—	0%
Health Club	0.00	0%
Parking Lot	0.56	100%
Other Asphalt Surfaces	4.49	100%
Other Non-Asphalt Surfaces	0.97	0%

## 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
2029	0.00	532	0.03	< 0.005

## 8. User Changes to Default Data

Screen	Justification
Land Use	Based on applicant info., see assumptions file
Construction: Architectural Coatings	Applies Mitigation Measure AQ-1 for super compliant paints according to South Coast AQMD.
Construction: Construction Phases	Based on applicant info., see assumptions file
Construction: Off-Road Equipment	Tier 4-Interim equipment per Mitigation Measure AQ-1, equipment mix from recent residential development project for utility trenching and finishing and landscaping, no crane for building construction per Applicant

# **CalEEMod Mitigated Construction Model P1**

# Euclid and Heil P1 For Sale Program Custom Report

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  - 2.1. Construction Emissions Compared Against Thresholds
  - 2.2. Construction Emissions by Year, Unmitigated
  - 2.3. Construction Emissions by Year, Mitigated
3. Construction Emissions Details
  - 3.1. P1 Fine Grading (2026) - Unmitigated
  - 3.2. P1 Fine Grading (2026) - Mitigated
  - 3.3. P1 Building Construction (2026) - Unmitigated
  - 3.4. P1 Building Construction (2026) - Mitigated
  - 3.5. P1 Building Construction (2027) - Unmitigated
  - 3.6. P1 Building Construction (2027) - Mitigated

3.7. P1 Building Construction (2028) - Unmitigated

3.8. P1 Building Construction (2028) - Mitigated

3.9. P1 Building Construction (2029) - Unmitigated

3.10. P1 Building Construction (2029) - Mitigated

3.11. P1 Paving (2029) - Unmitigated

3.12. P1 Paving (2029) - Mitigated

3.13. P1 Architectural Coating (2029) - Unmitigated

3.14. P1 Architectural Coating (2029) - Mitigated

3.15. P1 Utility Trenching (2026) - Unmitigated

3.16. P1 Utility Trenching (2026) - Mitigated

3.17. P1 Finishing and Landscaping (2029) - Unmitigated

3.18. P1 Finishing and Landscaping (2029) - Mitigated

## 5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.2.2. Mitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.3.2. Mitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

8. User Changes to Default Data

# 1. Basic Project Information

## 1.1. Basic Project Information

Data Field	Value
Project Name	Euclid and Heil P1 For Sale Program
Construction Start Date	1/15/2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	19.2
Location	16300 Euclid St, Fountain Valley, CA 92708, USA
County	Orange
City	Fountain Valley
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5845
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.29

## 1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Condo/Townhouse High Rise	183	Dwelling Unit	5.47	349,845	93,966	0.00	545	—
Condo/Townhouse	36.0	Dwelling Unit	1.20	79,572 A-99	0.00	0.00	107	—

Health Club	0.34	1000sqft	0.01	342	0.00	0.00	—	—
Parking Lot	24.5	1000sqft	0.56	0.00	0.00	0.00	—	—
Other Asphalt Surfaces	196	1000sqft	4.49	0.00	0.00	0.00	—	—
Other Non-Asphalt Surfaces	42.2	1000sqft	0.97	0.00	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-9	Use Dust Suppressants

## 2. Emissions Summary

### 2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	12.5	12.3	27.2	55.7	0.09	0.24	6.34	6.57	0.23	1.73	1.96	—	11,811	11,811	0.43	0.36	11.8	11,940
Mit.	11.8	11.7	8.08	55.5	0.09	0.16	5.31	5.47	0.16	1.62	1.79	—	11,811	11,811	0.43	0.36	11.8	11,940
% Reduced	5%	4%	70%	< 0.5%	—	31%	16%	17%	29%	6%	9%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.10	1.93	27.3	54.4	0.09	0.24	6.34	6.57	0.23	1.73	1.96	—	11,700	11,700	0.43	0.36	0.31	11,818
Mit.	1.51	1.42	8.22	54.2	0.09	0.16	5.31	5.47	0.16	1.62	1.79	—	11,700	11,700	0.43	0.36	0.31	11,818

% Reduced	28%	27%	70%	< 0.5%	—	31%	16%	17%	29%	6%	9%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.05	1.97	10.2	21.3	0.03	0.10	2.44	2.54	0.09	0.63	0.72	—	4,655	4,655	0.16	0.17	3.00	4,713
Mit.	1.89	1.84	3.65	21.2	0.03	0.05	2.21	2.26	0.05	0.60	0.65	—	4,655	4,655	0.16	0.17	3.00	4,713
% Reduced	7%	7%	64%	1%	—	47%	10%	11%	44%	4%	9%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.37	0.36	1.86	3.89	0.01	0.02	0.45	0.46	0.02	0.11	0.13	—	771	771	0.03	0.03	0.50	780
Mit.	0.35	0.34	0.67	3.87	0.01	0.01	0.40	0.41	0.01	0.11	0.12	—	771	771	0.03	0.03	0.50	780
% Reduced	7%	7%	64%	1%	—	47%	10%	11%	44%	4%	9%	—	—	—	—	—	—	—

## 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	2.11	1.93	27.2	55.7	0.09	0.24	6.34	6.57	0.23	1.73	1.96	—	11,811	11,811	0.43	0.36	11.8	11,940
2027	0.96	0.81	7.42	18.3	0.02	0.06	2.26	2.32	0.05	0.54	0.59	—	4,170	4,170	0.12	0.18	8.13	4,236
2028	0.93	0.79	7.29	17.9	0.02	0.05	2.26	2.32	0.05	0.54	0.59	—	4,117	4,117	0.11	0.12	7.28	4,163
2029	12.5	12.3	17.3	35.1	0.04	0.20	2.95	3.16	0.19	0.70	0.89	—	6,940	6,940	0.21	0.15	8.26	6,998
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	2.10	1.93	27.3	54.4	0.09	0.24	6.34	6.57	0.23	1.73	1.96	—	11,700	11,700	0.43	0.36	0.31	11,818
2027	0.96	0.81	7.46	17.2	0.02	0.06	2.26	2.32	0.05	0.54	0.59	—	4,073	4,073	0.12	0.18	0.21	4,131
2028	0.92	0.78	7.39	16.8	0.02	0.05	2.26	2.32	0.05	0.54	0.59	—	4,022	4,022	0.12	0.18	0.19	4,080

2029	0.90	0.76	7.27	16.4	0.02	0.05	2.26	2.31	0.05	0.54	0.59	—	3,971	3,971	0.11	0.18	0.17	4,029
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.97	0.88	10.2	21.3	0.03	0.10	2.44	2.54	0.09	0.63	0.72	—	4,655	4,655	0.16	0.17	3.00	4,713
2027	0.68	0.58	5.37	12.5	0.01	0.04	1.60	1.64	0.04	0.38	0.42	—	2,928	2,928	0.08	0.13	2.51	2,972
2028	0.66	0.56	5.29	12.3	0.01	0.04	1.60	1.64	0.04	0.38	0.42	—	2,899	2,899	0.08	0.13	2.25	2,943
2029	2.05	1.97	4.67	9.92	0.01	0.04	1.09	1.13	0.04	0.26	0.30	—	2,182	2,182	0.06	0.09	1.35	2,211
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.18	0.16	1.86	3.89	0.01	0.02	0.45	0.46	0.02	0.11	0.13	—	771	771	0.03	0.03	0.50	780
2027	0.12	0.11	0.98	2.28	< 0.005	0.01	0.29	0.30	0.01	0.07	0.08	—	485	485	0.01	0.02	0.42	492
2028	0.12	0.10	0.97	2.24	< 0.005	0.01	0.29	0.30	0.01	0.07	0.08	—	480	480	0.01	0.02	0.37	487
2029	0.37	0.36	0.85	1.81	< 0.005	0.01	0.20	0.21	0.01	0.05	0.05	—	361	361	0.01	0.01	0.22	366

### 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	1.52	1.42	8.08	55.5	0.09	0.16	5.31	5.47	0.16	1.62	1.79	—	11,811	11,811	0.43	0.36	11.8	11,940
2027	0.73	0.61	2.80	18.2	0.02	0.03	2.26	2.30	0.03	0.54	0.57	—	4,170	4,170	0.12	0.18	8.13	4,236
2028	0.71	0.60	2.70	17.7	0.02	0.03	2.26	2.30	0.03	0.54	0.57	—	4,117	4,117	0.11	0.12	7.28	4,163
2029	11.8	11.7	6.84	34.9	0.04	0.07	2.95	3.03	0.07	0.70	0.77	—	6,940	6,940	0.21	0.15	8.26	6,998
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	1.51	1.42	8.22	54.2	0.09	0.16	5.31	5.47	0.16	1.62	1.79	—	11,700	11,700	0.43	0.36	0.31	11,818
2027	0.73	0.61	2.84	17.1	0.02	0.03	2.26	2.30	0.03	0.54	0.57	—	4,073	4,073	0.12	0.18	0.21	4,131
2028	0.71	0.60	2.80	16.7	0.02	0.03	2.26	2.30	0.03	0.54	0.57	—	4,022	4,022	0.12	0.18	0.19	4,080
2029	0.69	0.58	2.70	16.3	0.02	0.03	2.26	2.30	0.03	0.54	0.57	—	3,971	3,971	0.11	0.18	0.17	4,029

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.70	0.66	3.65	21.2	0.03	0.05	2.21	2.26	0.05	0.60	0.65	—	4,655	4,655	0.16	0.17	3.00	4,713
2027	0.52	0.44	2.07	12.4	0.01	0.02	1.60	1.62	0.02	0.38	0.40	—	2,928	2,928	0.08	0.13	2.51	2,972
2028	0.51	0.43	2.01	12.2	0.01	0.02	1.60	1.62	0.02	0.38	0.40	—	2,899	2,899	0.08	0.13	2.25	2,943
2029	1.89	1.84	1.80	9.85	0.01	0.02	1.09	1.11	0.02	0.26	0.28	—	2,182	2,182	0.06	0.09	1.35	2,211
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.13	0.12	0.67	3.87	0.01	0.01	0.40	0.41	0.01	0.11	0.12	—	771	771	0.03	0.03	0.50	780
2027	0.09	0.08	0.38	2.27	< 0.005	< 0.005	0.29	0.30	< 0.005	0.07	0.07	—	485	485	0.01	0.02	0.42	492
2028	0.09	0.08	0.37	2.22	< 0.005	< 0.005	0.29	0.30	< 0.005	0.07	0.07	—	480	480	0.01	0.02	0.37	487
2029	0.35	0.34	0.33	1.80	< 0.005	< 0.005	0.20	0.20	< 0.005	0.05	0.05	—	361	361	0.01	0.01	0.22	366

### 3. Construction Emissions Details

#### 3.1. P1 Fine Grading (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.98	0.95	18.9	35.4	0.06	0.17	—	0.17	0.16	—	0.16	—	6,599	6,599	0.27	0.05	—	6,621
Dust From Material Movement	—	—	—	—	—	—	2.39	2.39	—	0.95	0.95	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	1.22	1.22	< 0.005	0.12	0.12	—	12.6	12.6	< 0.005	< 0.005	0.02	13.3

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.98	0.95	18.9	35.4	0.06	0.17	—	0.17	0.16	—	0.16	—	6,599	6,599	0.27	0.05	—	6,621
Dust From Material Movement	—	—	—	—	—	—	2.39	2.39	—	0.95	0.95	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	1.22	1.22	< 0.005	0.12	0.12	—	12.7	12.7	< 0.005	< 0.005	< 0.005	13.3
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.21	0.20	3.98	7.47	0.01	0.04	—	0.04	0.03	—	0.03	—	1,392	1,392	0.06	0.01	—	1,397
Dust From Material Movement	—	—	—	—	—	—	0.50	0.50	—	0.20	0.20	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.24	0.24	< 0.005	0.02	0.02	—	2.67	2.67	< 0.005	< 0.005	< 0.005	2.80
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.73	1.36	< 0.005	0.01	—	0.01	0.01	—	0.01	—	230	230	0.01	< 0.005	—	231
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	—	0.44	0.44	< 0.005	< 0.005	< 0.005	0.46
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.06	1.05	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	260	260	< 0.005	0.01	0.91	264
Vendor	0.06	0.02	0.73	0.37	0.01	0.01	0.20	0.20	0.01	0.05	0.06	—	721	721	0.04	0.10	1.86	754
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.07	0.91	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	248	248	< 0.005	0.01	0.02	251
Vendor	0.06	0.01	0.76	0.38	0.01	0.01	0.20	0.20	0.01	0.05	0.06	—	722	722	0.04	0.10	0.05	753
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.20	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	53.0	53.0	< 0.005	< 0.005	0.08	53.7
Vendor	0.01	< 0.005	0.16	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	152	152	0.01	0.02	0.17	159
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.78	8.78	< 0.005	< 0.005	0.01	8.89
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	25.2	25.2	< 0.005	< 0.005	0.03	26.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.2. P1 Fine Grading (2026) - Mitigated

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

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

Off-Road Equipm	0.64	0.64	4.43	35.3	0.06	0.12	—	0.12	0.12	—	0.12	—	6,599	6,599	0.27	0.05	—	6,621
Dust From Material Movement	—	—	—	—	—	—	2.39	2.39	—	0.95	0.95	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.20	0.20	< 0.005	0.02	0.02	—	12.6	12.6	< 0.005	< 0.005	0.02	13.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64	0.64	4.43	35.3	0.06	0.12	—	0.12	0.12	—	0.12	—	6,599	6,599	0.27	0.05	—	6,621
Dust From Material Movement	—	—	—	—	—	—	2.39	2.39	—	0.95	0.95	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.20	0.20	< 0.005	0.02	0.02	—	12.7	12.7	< 0.005	< 0.005	< 0.005	13.3
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.13	0.93	7.46	0.01	0.03	—	0.03	0.03	—	0.03	—	1,392	1,392	0.06	0.01	—	1,397
Dust From Material Movement	—	—	—	—	—	—	0.50	0.50	—	0.20	0.20	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.04	0.04	< 0.005	< 0.005	< 0.005	—	2.67	2.67	< 0.005	< 0.005	< 0.005	2.80
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.02	0.02	0.17	1.36	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	230	230	0.01	< 0.005	—	231
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	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.44	0.44	< 0.005	< 0.005	< 0.005	0.46
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.06	1.05	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	260	260	< 0.005	0.01	0.91	264
Vendor	0.06	0.02	0.73	0.37	0.01	0.01	0.20	0.20	0.01	0.05	0.06	—	721	721	0.04	0.10	1.86	754
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.07	0.91	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	248	248	< 0.005	0.01	0.02	251
Vendor	0.06	0.01	0.76	0.38	0.01	0.01	0.20	0.20	0.01	0.05	0.06	—	722	722	0.04	0.10	0.05	753
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.20	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	53.0	53.0	< 0.005	< 0.005	0.08	53.7
Vendor	0.01	< 0.005	0.16	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	152	152	0.01	0.02	0.17	159
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.78	8.78	< 0.005	< 0.005	0.01	8.89
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	25.2	25.2	< 0.005	< 0.005	0.03	26.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.3. P1 Building Construction (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.39	0.35	6.26	10.2	0.01	0.06	—	0.06	0.06	—	0.06	—	1,427	1,427	0.06	0.01	—	1,432
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	0.39	0.35	6.26	10.2	0.01	0.06	—	0.06	0.06	—	0.06	—	1,427	1,427	0.06	0.01	—	1,432
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	0.27	0.24	4.30	6.99	0.01	0.04	—	0.04	0.04	—	0.04	—	980	980	0.04	0.01	—	984
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	0.79	1.28	< 0.005	0.01	—	0.01	0.01	—	0.01	—	162	162	0.01	< 0.005	—	163

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	0.55	0.53	0.48	8.32	0.00	0.00	2.06	2.06	0.00	0.48	0.48	—	2,055	2,055	0.02	0.07	7.14	2,085
Vendor	0.06	0.02	0.75	0.38	0.01	0.01	0.20	0.21	0.01	0.06	0.06	—	736	736	0.04	0.10	1.90	770
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.54	0.53	0.55	7.17	0.00	0.00	2.06	2.06	0.00	0.48	0.48	—	1,956	1,956	0.03	0.07	0.19	1,979
Vendor	0.06	0.01	0.78	0.38	0.01	0.01	0.20	0.21	0.01	0.06	0.06	—	736	736	0.04	0.10	0.05	768
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.37	0.36	0.38	5.12	0.00	0.00	1.40	1.40	0.00	0.33	0.33	—	1,362	1,362	0.02	0.05	2.12	1,380
Vendor	0.04	0.01	0.54	0.26	< 0.005	< 0.005	0.14	0.14	< 0.005	0.04	0.04	—	506	506	0.03	0.07	0.56	528
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.07	0.07	0.07	0.93	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	225	225	< 0.005	0.01	0.35	228
Vendor	0.01	< 0.005	0.10	0.05	< 0.005	< 0.005	0.02	0.03	< 0.005	0.01	0.01	—	83.7	83.7	< 0.005	0.01	0.09	87.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.4. P1 Building Construction (2026) - Mitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.15	1.60	10.0	0.01	0.03	—	0.03	0.03	—	0.03	—	1,427	1,427	0.06	0.01	—	1,432
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	0.15	1.60	10.0	0.01	0.03	—	0.03	0.03	—	0.03	—	1,427	1,427	0.06	0.01	—	1,432
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	0.10	1.10	6.89	0.01	0.02	—	0.02	0.02	—	0.02	—	980	980	0.04	0.01	—	984
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	0.20	1.26	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	162	162	0.01	< 0.005	—	163
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	0.55	0.53	0.48	8.32	0.00	0.00	2.06	2.06	0.00	0.48	0.48	—	2,055	2,055	0.02	0.07	7.14	2,085
Vendor	0.06	0.02	0.75	0.38	0.01	0.01	0.20	0.21	0.01	0.06	0.06	—	736	736	0.04	0.10	1.90	770
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.54	0.53	0.55	7.17	0.00	0.00	2.06	2.06	0.00	0.48	0.48	—	1,956	1,956	0.03	0.07	0.19	1,979
Vendor	0.06	0.01	0.78	0.38	0.01	0.01	0.20	0.21	0.01	0.06	0.06	—	736	736	0.04	0.10	0.05	768
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.37	0.36	0.38	5.12	0.00	0.00	1.40	1.40	0.00	0.33	0.33	—	1,362	1,362	0.02	0.05	2.12	1,380
Vendor	0.04	0.01	0.54	0.26	< 0.005	< 0.005	0.14	0.14	< 0.005	0.04	0.04	—	506	506	0.03	0.07	0.56	528
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.07	0.07	0.07	0.93	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	225	225	< 0.005	0.01	0.35	228
Vendor	0.01	< 0.005	0.10	0.05	< 0.005	< 0.005	0.02	0.03	< 0.005	0.01	0.01	—	83.7	83.7	< 0.005	0.01	0.09	87.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.5. P1 Building Construction (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.38	0.34	6.22	10.2	0.01	0.05	—	0.05	0.05	—	0.05	—	1,427	1,427	0.06	0.01	—	1,432

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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.38	0.34	6.22	10.2	0.01	0.05	—	0.05	0.05	—	0.05	—	1,427	1,427	0.06	0.01	—	1,432	
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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.27	0.25	4.45	7.26	0.01	0.04	—	0.04	0.04	—	0.04	—	1,019	1,019	0.04	0.01	—	1,023	
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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.81	1.32	< 0.005	0.01	—	0.01	0.01	—	0.01	—	169	169	0.01	< 0.005	—	169	
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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.53	0.45	0.47	7.80	0.00	0.00	2.06	2.06	0.00	0.48	0.48	—	2,021	2,021	0.02	0.07	6.41	2,050	
Vendor	0.06	0.02	0.72	0.36	0.01	0.01	0.20	0.21	0.01	0.06	0.06	—	722	722	0.04	0.10	1.73	754	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.53	0.45	0.48	6.71	0.00	0.00	2.06	2.06	0.00	0.48	0.48	—	1,923	1,923	0.02	0.07	0.17	1,946
Vendor	0.06	0.01	0.75	0.37	0.01	0.01	0.20	0.21	0.01	0.06	0.06	—	723	723	0.04	0.10	0.04	753
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.37	0.32	0.39	5.00	0.00	0.00	1.46	1.46	0.00	0.34	0.34	—	1,392	1,392	0.02	0.05	1.98	1,411
Vendor	0.04	0.01	0.54	0.26	< 0.005	< 0.005	0.14	0.15	< 0.005	0.04	0.04	—	516	516	0.03	0.07	0.53	538
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.07	0.06	0.07	0.91	0.00	0.00	0.27	0.27	0.00	0.06	0.06	—	231	231	< 0.005	0.01	0.33	234
Vendor	0.01	< 0.005	0.10	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	85.5	85.5	< 0.005	0.01	0.09	89.1
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

### 3.6. P1 Building Construction (2027) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.15	1.60	10.0	0.01	0.03	—	0.03	0.03	—	0.03	—	1,427	1,427	0.06	0.01	—	1,432
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	0.15	1.60	10.0	0.01	0.03	—	0.03	0.03	—	0.03	—	1,427	1,427	0.06	0.01	—	1,432
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	0.11	0.11	1.15	7.17	0.01	0.02	—	0.02	0.02	—	0.02	—	1,019	1,019	0.04	0.01	—	1,023
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	0.21	1.31	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	169	169	0.01	< 0.005	—	169
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	0.53	0.45	0.47	7.80	0.00	0.00	2.06	2.06	0.00	0.48	0.48	—	2,021	2,021	0.02	0.07	6.41	2,050
Vendor	0.06	0.02	0.72	0.36	0.01	0.01	0.20	0.21	0.01	0.06	0.06	—	722	722	0.04	0.10	1.73	754
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.53	0.45	0.48	6.71	0.00	0.00	2.06	2.06	0.00	0.48	0.48	—	1,923	1,923	0.02	0.07	0.17	1,946
Vendor	0.06	0.01	0.75	0.37	0.01	0.01	0.20	0.21	0.01	0.06	0.06	—	723	723	0.04	0.10	0.04	753
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.37	0.32	0.39	5.00	0.00	0.00	1.46	1.46	0.00	0.34	0.34	—	1,392	1,392	0.02	0.05	1.98	1,411
Vendor	0.04	0.01	0.54	0.26	< 0.005	< 0.005	0.14	0.15	< 0.005	0.04	0.04	—	516	516	0.03	0.07	0.53	538
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.07	0.06	0.07	0.91	0.00	0.00	0.27	0.27	0.00	0.06	0.06	—	231	231	< 0.005	0.01	0.33	234
Vendor	0.01	< 0.005	0.10	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	85.5	85.5	< 0.005	0.01	0.09	89.1
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

### 3.7. P1 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	0.37	0.33	6.19	10.2	0.01	0.05	—	0.05	0.04	—	0.04	—	1,427	1,427	0.06	0.01	—	1,432
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	0.37	0.33	6.19	10.2	0.01	0.05	—	0.05	0.04	—	0.04	—	1,427	1,427	0.06	0.01	—	1,432
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	0.26	0.24	4.43	7.27	0.01	0.03	—	0.03	0.03	—	0.03	—	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.81	1.33	< 0.005	0.01	—	0.01	0.01	—	0.01	—	169	169	0.01	< 0.005	—	170
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	0.51	0.44	0.41	7.36	0.00	0.00	2.06	2.06	0.00	0.48	0.48	—	1,984	1,984	0.02	0.01	5.73	1,994
Vendor	0.05	0.01	0.69	0.35	0.01	0.01	0.20	0.21	0.01	0.06	0.06	—	706	706	0.04	0.10	1.55	738
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.51	0.43	0.48	6.32	0.00	0.00	2.06	2.06	0.00	0.48	0.48	—	1,889	1,889	0.02	0.07	0.15	1,912
Vendor	0.05	0.01	0.72	0.35	0.01	0.01	0.20	0.21	0.01	0.06	0.06	—	706	706	0.04	0.10	0.04	736
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.37	0.31	0.34	4.74	0.00	0.00	1.46	1.46	0.00	0.34	0.34	—	1,371	1,371	0.02	0.05	1.77	1,389
Vendor	0.04	0.01	0.52	0.25	< 0.005	< 0.005	0.14	0.15	< 0.005	0.04	0.04	—	506	506	0.03	0.07	0.48	528
Hauling	0.00	0.00	0.00	0.00	0.00	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	—	—	—	—	—	—	—	—	_A-116	—	—	—	—	—	—	—	—	—

Worker	0.07	0.06	0.06	0.86	0.00	0.00	0.27	0.27	0.00	0.06	0.06	—	227	227	< 0.005	0.01	0.29	230
Vendor	0.01	< 0.005	0.09	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	83.7	83.7	< 0.005	0.01	0.08	87.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.8. P1 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	0.15	1.60	10.0	0.01	0.03	—	0.03	0.03	—	0.03	—	1,427	1,427	0.06	0.01	—	1,432
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	0.15	1.60	10.0	0.01	0.03	—	0.03	0.03	—	0.03	—	1,427	1,427	0.06	0.01	—	1,432
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	0.11	0.11	1.15	7.18	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

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.21	1.31	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	169	169	0.01	< 0.005	—	170
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	0.51	0.44	0.41	7.36	0.00	0.00	2.06	2.06	0.00	0.48	0.48	—	1,984	1,984	0.02	0.01	5.73	1,994
Vendor	0.05	0.01	0.69	0.35	0.01	0.01	0.20	0.21	0.01	0.06	0.06	—	706	706	0.04	0.10	1.55	738
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.51	0.43	0.48	6.32	0.00	0.00	2.06	2.06	0.00	0.48	0.48	—	1,889	1,889	0.02	0.07	0.15	1,912
Vendor	0.05	0.01	0.72	0.35	0.01	0.01	0.20	0.21	0.01	0.06	0.06	—	706	706	0.04	0.10	0.04	736
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.37	0.31	0.34	4.74	0.00	0.00	1.46	1.46	0.00	0.34	0.34	—	1,371	1,371	0.02	0.05	1.77	1,389
Vendor	0.04	0.01	0.52	0.25	< 0.005	< 0.005	0.14	0.15	< 0.005	0.04	0.04	—	506	506	0.03	0.07	0.48	528
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.07	0.06	0.06	0.86	0.00	0.00	0.27	0.27	0.00	0.06	0.06	—	227	227	< 0.005	0.01	0.29	230
Vendor	0.01	< 0.005	0.09	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	83.7	83.7	< 0.005	0.01	0.08	87.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.9. P1 Building Construction (2029) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.33	6.17	10.1	0.01	0.04	—	0.04	0.04	—	0.04	—	1,426	1,426	0.06	0.01	—	1,431
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	0.36	0.33	6.17	10.1	0.01	0.04	—	0.04	0.04	—	0.04	—	1,426	1,426	0.06	0.01	—	1,431
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.14	2.74	4.51	0.01	0.02	—	0.02	0.02	—	0.02	—	634	634	0.03	0.01	—	636
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.50	0.82	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	105	105	< 0.005	< 0.005	—	105
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	0.49	0.42	0.40	6.92	0.00	0.00	2.06	2.06	0.00	0.48	0.48	—	1,951	1,951	0.02	0.01	5.09	1,960
Vendor	0.05	0.01	0.66	0.33	0.01	0.01	0.20	0.21	0.01	0.06	0.06	—	687	687	0.04	0.10	1.39	719
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.49	0.42	0.41	5.94	0.00	0.00	2.06	2.06	0.00	0.48	0.48	—	1,857	1,857	0.02	0.07	0.13	1,880
Vendor	0.05	0.01	0.69	0.34	0.01	0.01	0.20	0.21	0.01	0.06	0.06	—	687	687	0.04	0.10	0.04	718
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.22	0.18	0.18	2.77	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	836	836	0.01	0.03	0.98	847
Vendor	0.02	0.01	0.31	0.15	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	305	305	0.02	0.04	0.27	319
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.04	0.03	0.03	0.51	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	138	138	< 0.005	0.01	0.16	140
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	50.5	50.5	< 0.005	0.01	0.04	52.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.10. P1 Building Construction (2029) - Mitigated

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

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

Off-Road	0.15	0.15	1.60	10.0	0.01	0.03	—	0.03	0.03	—	0.03	—	1,426	1,426	0.06	0.01	—	1,431
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	0.15	1.60	10.0	0.01	0.03	—	0.03	0.03	—	0.03	—	1,426	1,426	0.06	0.01	—	1,431
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	0.07	0.07	0.71	4.46	0.01	0.01	—	0.01	0.01	—	0.01	—	634	634	0.03	0.01	—	636
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	0.13	0.81	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	105	105	< 0.005	< 0.005	—	105
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	0.49	0.42	0.40	6.92	0.00	0.00	2.06	2.06	0.00	0.48	0.48	—	1,951	1,951	0.02	0.01	5.09	1,960
Vendor	0.05	0.01	0.66	0.33	0.01	0.01	0.20	0.21	0.01	0.06	0.06	—	687	687	0.04	0.10	1.39	719
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.49	0.42	0.41	5.94	0.00	0.00	2.06	2.06	0.00	0.48	0.48	—	1,857	1,857	0.02	0.07	0.13	1,880
Vendor	0.05	0.01	0.69	0.34	0.01	0.01	0.20	0.21	0.01	0.06	0.06	—	687	687	0.04	0.10	0.04	718
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.22	0.18	0.18	2.77	0.00	0.00	0.91	0.91	0.00	0.21	0.21	—	836	836	0.01	0.03	0.98	847
Vendor	0.02	0.01	0.31	0.15	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	305	305	0.02	0.04	0.27	319
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.04	0.03	0.03	0.51	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	138	138	< 0.005	0.01	0.16	140
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	50.5	50.5	< 0.005	0.01	0.04	52.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.11. P1 Paving (2029) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.47	0.42	6.69	10.6	0.01	0.08	—	0.08	0.08	—	0.08	—	1,511	1,511	0.06	0.01	—	1,516
Paving	0.25	0.25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.95	1.51	< 0.005	0.01	—	0.01	0.01	—	0.01	—	215	215	0.01	< 0.005	—	216
Paving	0.04	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.17	0.28	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	35.6	35.6	< 0.005	< 0.005	—	35.8
Paving	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.66	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	185	185	< 0.005	< 0.005	0.48	186
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	58.5	58.5	< 0.005	0.01	0.12	61.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	25.5	25.5	< 0.005	< 0.005	0.03	25.8
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.34	8.34	< 0.005	< 0.005	0.01	8.72

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	4.22	4.22	< 0.005	< 0.005	< 0.005	4.28
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.38	1.38	< 0.005	< 0.005	< 0.005	1.44
Hauling	0.00	0.00	0.00	0.00	0.00	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. P1 Paving (2029) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	1.93	10.6	0.01	0.03	—	0.03	0.03	—	0.03	—	1,511	1,511	0.06	0.01	—	1,516
Paving	0.25	0.25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.28	1.51	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	215	215	0.01	< 0.005	—	216
Paving	0.04	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—A-124	—	—	—	—	—	—	—	—	—

Off-Road Equipment	< 0.005	< 0.005	0.05	0.28	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	35.6	35.6	< 0.005	< 0.005	—	35.8
Paving	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.66	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	185	185	< 0.005	< 0.005	0.48	186
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	58.5	58.5	< 0.005	0.01	0.12	61.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	25.5	25.5	< 0.005	< 0.005	0.03	25.8
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.34	8.34	< 0.005	< 0.005	0.01	8.72
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	4.22	4.22	< 0.005	< 0.005	< 0.005	4.28
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.38	1.38	< 0.005	< 0.005	< 0.005	1.44
Hauling	0.00	0.00	0.00	0.00	0.00	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. P1 Architectural Coating (2029) - Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.79	1.11	< 0.005	0.01	—	0.01	0.01	—	0.01	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	10.5	10.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.11	0.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	19.0	19.0	< 0.005	< 0.005	—	19.1
Architectural Coatings	1.49	1.49	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.15	3.15	< 0.005	< 0.005	—	3.16
Architectural Coatings	0.27	0.27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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	0.10	0.08	0.08	1.38	0.00	0.00	0.41	0.41	0.00	0.10	0.10	—	390	390	< 0.005	< 0.005	1.02	392
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.18	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	53.6	53.6	< 0.005	< 0.005	0.06	54.3
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	—	8.88	8.88	< 0.005	< 0.005	0.01	9.00
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	0.00	0.00	0.00	0.00	0.00	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. P1 Architectural Coating (2029) - Mitigated

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

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

Off-Road Equipment	0.02	0.02	0.65	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	10.5	10.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.09	0.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	19.0	19.0	< 0.005	< 0.005	—	19.1
Architectural Coatings	1.49	1.49	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.15	3.15	< 0.005	< 0.005	—	3.16
Architectural Coatings	0.27	0.27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.10	0.08	0.08	1.38	0.00	0.00	0.41	0.41	0.00	0.10	0.10	—	390	390	< 0.005	< 0.005	1.02	392
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.18	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	53.6	53.6	< 0.005	< 0.005	0.06	54.3
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	—	8.88	8.88	< 0.005	< 0.005	0.01	9.00
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	0.00	0.00	0.00	0.00	0.00	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. P1 Utility Trenching (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	0.20	0.18	3.27	4.76	0.01	0.08	—	0.08	0.07	—	0.07	—	677	677	0.03	0.01	—	679
Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.15	0.15	< 0.005	0.02	0.02	—	2.97	2.97	< 0.005	< 0.005	< 0.005	3.13

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.75	1.10	< 0.005	0.02	—	0.02	0.02	—	0.02	—	156	156	0.01	< 0.005	—	156
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.03	0.03	< 0.005	< 0.005	< 0.005	—	0.68	0.68	< 0.005	< 0.005	< 0.005	0.72
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.14	0.20	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	25.8	25.8	< 0.005	< 0.005	—	25.9
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.40	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	97.7	97.7	< 0.005	< 0.005	0.34	99.1
Vendor	0.01	< 0.005	0.13	0.06	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	125	125	0.01	0.02	0.32	131
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	21.7	21.7	< 0.005	< 0.005	0.03	22.0
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	28.9	28.9	< 0.005	< 0.005	0.03	30.2
Hauling	0.00	0.00	0.00	0.00	0.00	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	—	3.59	3.59	< 0.005	< 0.005	0.01	3.64
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.78	4.78	< 0.005	< 0.005	0.01	4.99
Hauling	0.00	0.00	0.00	0.00	0.00	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. P1 Utility Trenching (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	0.09	0.09	2.08	4.73	0.01	0.01	—	0.01	0.01	—	0.01	—	677	677	0.03	0.01	—	679
Onsite truck	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	2.97	2.97	< 0.005	< 0.005	< 0.005	3.13
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.48	1.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	156	156	0.01	< 0.005	—	156
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.68	0.68	< 0.005	< 0.005	< 0.005	0.72
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.09	0.20	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	25.8	25.8	< 0.005	< 0.005	—	25.9

Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.11	0.11	< 0.005	< 0.005	< 0.005	0.12
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.40	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	97.7	97.7	< 0.005	< 0.005	0.34	99.1
Vendor	0.01	< 0.005	0.13	0.06	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	125	125	0.01	0.02	0.32	131
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	21.7	21.7	< 0.005	< 0.005	0.03	22.0
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	28.9	28.9	< 0.005	< 0.005	0.03	30.2
Hauling	0.00	0.00	0.00	0.00	0.00	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	—	3.59	3.59	< 0.005	< 0.005	0.01	3.64
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.78	4.78	< 0.005	< 0.005	0.01	4.99
Hauling	0.00	0.00	0.00	0.00	0.00	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. P1 Finishing and Landscaping (2029) - Unmitigated

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

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

Off-Road Equipment	0.09	0.09	2.45	3.74	< 0.005	0.06	—	0.06	0.05	—	0.05	—	535	535	0.02	< 0.005	—	537
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.35	0.53	< 0.005	0.01	—	0.01	0.01	—	0.01	—	76.3	76.3	< 0.005	< 0.005	—	76.5
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.06	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.6	12.6	< 0.005	< 0.005	—	12.7
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	0.02	0.01	0.01	0.22	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	61.8	61.8	< 0.005	< 0.005	0.16	62.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	—	8.50	8.50	< 0.005	< 0.005	0.01	8.61
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	—	1.41	1.41	< 0.005	< 0.005	< 0.005	1.43
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. P1 Finishing and Landscaping (2029) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.07	1.41	3.74	< 0.005	0.01	—	0.01	0.01	—	0.01	—	535	535	0.02	< 0.005	—	537
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.20	0.53	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	76.3	76.3	< 0.005	< 0.005	—	76.5
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
Annual	—	—	—	—	—	—	—	—	—A-134	—	—	—	—	—	—	—	—	—

Off-Road Equipment	< 0.005	< 0.005	0.04	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.6	12.6	< 0.005	< 0.005	—	12.7
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	0.02	0.01	0.01	0.22	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	61.8	61.8	< 0.005	< 0.005	0.16	62.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	—	8.50	8.50	< 0.005	< 0.005	0.01	8.61
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	—	1.41	1.41	< 0.005	< 0.005	< 0.005	1.43
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
P1 Fine Grading	Grading	1/15/2026	5/1/2026	5.00	77.0	—
P1 Building Construction	Building Construction	1/15/2026	8/15/2029	5.00	935	—

P1 Paving	Paving	6/5/2029	8/15/2029	5.00	52.0	—
P1 Architectural Coating	Architectural Coating	6/5/2029	8/15/2029	5.00	52.0	—
P1 Utility Trenching	Trenching	5/2/2026	8/27/2026	5.00	84.0	—
P1 Finishing and Landscaping	Trenching	6/5/2029	8/15/2029	5.00	52.0	—

## 5.2. Off-Road Equipment

### 5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
P1 Fine Grading	Graders	Diesel	Tier 4 Interim	1.00	8.00	148	0.41
P1 Fine Grading	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
P1 Fine Grading	Tractors/Loaders/Back hoes	Diesel	Tier 4 Interim	2.00	8.00	84.0	0.37
P1 Fine Grading	Scrapers	Diesel	Tier 4 Interim	2.00	8.00	423	0.48
P1 Fine Grading	Rubber Tired Dozers	Diesel	Tier 4 Interim	1.00	8.00	367	0.40
P1 Building Construction	Forklifts	Diesel	Tier 4 Interim	3.00	8.00	82.0	0.20
P1 Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
P1 Building Construction	Tractors/Loaders/Back hoes	Diesel	Tier 4 Interim	3.00	7.00	84.0	0.37
P1 Paving	Pavers	Diesel	Tier 4 Interim	2.00	8.00	81.0	0.42
P1 Paving	Paving Equipment	Diesel	Tier 4 Interim	2.00	8.00	89.0	0.36
P1 Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
P1 Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48
P1 Utility Trenching	Tractors/Loaders/Back hoes	Diesel	Tier 4 Interim	1.00	8.00	84.0	0.37
P1 Utility Trenching	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
P1 Utility Trenching	Skid Steer Loaders	Diesel	Tier 4 Interim	1.00	8.00	71.0	0.37

P1 Finishing and Landscaping	Skid Steer Loaders	Diesel	Tier 4 Interim	1.00	8.00	71.0	0.37
P1 Finishing and Landscaping	Tractors/Loaders/Back hoes	Diesel	Tier 4 Interim	1.00	8.00	84.0	0.37

## 5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
P1 Fine Grading	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
P1 Fine Grading	Excavators	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
P1 Fine Grading	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
P1 Fine Grading	Scrapers	Diesel	Tier 4 Final	2.00	8.00	423	0.48
P1 Fine Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
P1 Building Construction	Forklifts	Diesel	Tier 4 Final	3.00	8.00	82.0	0.20
P1 Building Construction	Welders	Diesel	Tier 4 Final	1.00	8.00	46.0	0.45
P1 Building Construction	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	3.00	7.00	84.0	0.37
P1 Paving	Pavers	Diesel	Tier 4 Final	2.00	8.00	81.0	0.42
P1 Paving	Paving Equipment	Diesel	Tier 4 Final	2.00	8.00	89.0	0.36
P1 Paving	Rollers	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
P1 Architectural Coating	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	37.0	0.48
P1 Utility Trenching	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
P1 Utility Trenching	Excavators	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
P1 Utility Trenching	Skid Steer Loaders	Diesel	Tier 4 Final	1.00	8.00	71.0	0.37
P1 Finishing and Landscaping	Skid Steer Loaders	Diesel	Tier 4 Final	1.00	8.00	71.0	0.37
P1 Finishing and Landscaping	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37

## 5.3. Construction Vehicles

## 5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
P1 Utility Trenching	—	—	—	—
P1 Utility Trenching	Worker	7.50	18.5	LDA,LDT1,LDT2
P1 Utility Trenching	Vendor	4.00	10.2	HHDT,MHDT
P1 Utility Trenching	Hauling	0.00	20.0	HHDT
P1 Utility Trenching	Onsite truck	1.00	0.41	HHDT
P1 Fine Grading	—	—	—	—
P1 Fine Grading	Worker	20.0	18.5	LDA,LDT1,LDT2
P1 Fine Grading	Vendor	23.0	10.2	HHDT,MHDT
P1 Fine Grading	Hauling	0.00	20.0	HHDT
P1 Fine Grading	Onsite truck	1.00	3.30	HHDT
P1 Building Construction	—	—	—	—
P1 Building Construction	Worker	158	18.5	LDA,LDT1,LDT2
P1 Building Construction	Vendor	23.5	10.2	HHDT,MHDT
P1 Building Construction	Hauling	0.00	20.0	HHDT
P1 Building Construction	Onsite truck	0.00	—	HHDT
P1 Paving	—	—	—	—
P1 Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
P1 Paving	Vendor	2.00	10.2	HHDT,MHDT
P1 Paving	Hauling	0.00	20.0	HHDT
P1 Paving	Onsite truck	0.00	—	HHDT
P1 Architectural Coating	—	—	—	—
P1 Architectural Coating	Worker	31.6	18.5	LDA,LDT1,LDT2
P1 Architectural Coating	Vendor	0.00	10.2	HHDT,MHDT
P1 Architectural Coating	Hauling	0.00	20.0	HHDT

P1 Architectural Coating	Onsite truck	0.00	—	HHDT
P1 Finishing and Landscaping	—	—	—	—
P1 Finishing and Landscaping	Worker	5.00	18.5	LDA,LDT1,LDT2
P1 Finishing and Landscaping	Vendor	0.00	10.2	HHDT,MHDT
P1 Finishing and Landscaping	Hauling	0.00	20.0	HHDT
P1 Finishing and Landscaping	Onsite truck	0.00	—	HHDT

### 5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
P1 Utility Trenching	—	—	—	—
P1 Utility Trenching	Worker	7.50	18.5	LDA,LDT1,LDT2
P1 Utility Trenching	Vendor	4.00	10.2	HHDT,MHDT
P1 Utility Trenching	Hauling	0.00	20.0	HHDT
P1 Utility Trenching	Onsite truck	1.00	0.41	HHDT
P1 Fine Grading	—	—	—	—
P1 Fine Grading	Worker	20.0	18.5	LDA,LDT1,LDT2
P1 Fine Grading	Vendor	23.0	10.2	HHDT,MHDT
P1 Fine Grading	Hauling	0.00	20.0	HHDT
P1 Fine Grading	Onsite truck	1.00	3.30	HHDT
P1 Building Construction	—	—	—	—
P1 Building Construction	Worker	158	18.5	LDA,LDT1,LDT2
P1 Building Construction	Vendor	23.5	10.2	HHDT,MHDT
P1 Building Construction	Hauling	0.00	20.0	HHDT
P1 Building Construction	Onsite truck	0.00	—	HHDT
P1 Paving	—	—	—	—
P1 Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
P1 Paving	Vendor	2.00	10.2	HHDT,MHDT
P1 Paving	Hauling	0.00	20.0	HHDT

P1 Paving	Onsite truck	0.00	—	HHDT
P1 Architectural Coating	—	—	—	—
P1 Architectural Coating	Worker	31.6	18.5	LDA,LDT1,LDT2
P1 Architectural Coating	Vendor	0.00	10.2	HHDT,MHDT
P1 Architectural Coating	Hauling	0.00	20.0	HHDT
P1 Architectural Coating	Onsite truck	0.00	—	HHDT
P1 Finishing and Landscaping	—	—	—	—
P1 Finishing and Landscaping	Worker	5.00	18.5	LDA,LDT1,LDT2
P1 Finishing and Landscaping	Vendor	0.00	10.2	HHDT,MHDT
P1 Finishing and Landscaping	Hauling	0.00	20.0	HHDT
P1 Finishing and Landscaping	Onsite truck	0.00	—	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)
P1 Architectural Coating	869,569	289,856	513	171	15,740

## 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)
P1 Fine Grading	0.00	0.00	231	0.00	—
P1 Paving	0.00	0.00	0.00	0.00	6.02

### 5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%

### 5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Condo/Townhouse High Rise	—	0%
Condo/Townhouse	—	0%
Health Club	0.00	0%
Parking Lot	0.56	100%
Other Asphalt Surfaces	4.49	100%
Other Non-Asphalt Surfaces	0.97	0%

### 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
2029	0.00	532	0.03	< 0.005

## 8. User Changes to Default Data

Screen	Justification
Land Use	Based on applicant info., see assumptions file
Construction: Architectural Coatings	Applies Mitigation Measure AQ-1 for super compliant paints according to South Coast AQMD.
Construction: Construction Phases	Based on applicant info., see assumptions file
Construction: Off-Road Equipment	Tier 4-Interim equipment per Mitigation Measure AQ-1, equipment mix from recent residential development project for utility trenching and finishing and landscaping, no crane for building construction per Applicant

# **CalEEMod Unmitigated Construction Model P2**

# Euclid and Heil P2 For Rent Program Custom Report

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# 1. Basic Project Information

## 1.1. Basic Project Information

Data Field	Value
Project Name	Euclid and Heil P2 For Rent Program
Construction Start Date	8/1/2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	19.2
Location	16300 Euclid St, Fountain Valley, CA 92708, USA
County	Orange
City	Fountain Valley
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5845
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.29

## 1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Apartments Mid Rise	304	Dwelling Unit	2.30	349,327	23,232	0.00	906	—

Enclosed Parking with Elevator	175	1000sqft	0.80	174,910	0.00	0.00	—	—
Other Asphalt Surfaces	18.3	1000sqft	0.42	0.00	0.00	0.00	—	—
Other Non-Asphalt Surfaces	38.8	1000sqft	0.89	0.00	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-9	Use Dust Suppressants

## 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.	5.31	4.96	12.2	30.1	0.03	0.15	5.11	5.22	0.14	1.22	1.33	—	8,038	8,038	0.22	0.44	18.7	8,193
Mit.	4.97	4.67	6.57	29.9	0.03	0.08	5.11	5.18	0.08	1.22	1.29	—	8,038	8,038	0.22	0.44	18.7	8,193
% Reduced	6%	6%	46%	1%	—	47%	—	1%	45%	—	3%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.37	5.16	12.5	30.3	0.04	0.15	5.11	5.24	0.14	1.22	1.34	—	8,073	8,073	0.26	0.45	0.54	8,208
Mit.	5.01	4.85	6.30	30.1	0.04	0.09	5.11	5.18	0.09	1.22	1.29	—	8,073	8,073	0.26	0.45	0.54	8,208
% Reduced	7%	6%	50%	1%	—	42%	—	1%	39% A-148	—	4%	—	—	—	—	—	—	—

Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.80	1.64	7.49	18.9	0.02	0.08	3.15	3.23	0.08	0.75	0.83	—	5,244	5,244	0.15	0.30	5.74	5,344
Mit.	1.61	1.48	4.02	18.8	0.02	0.05	3.15	3.20	0.05	0.75	0.80	—	5,244	5,244	0.15	0.30	5.74	5,344
% Reduced	10%	9%	46%	1%	—	38%	—	1%	36%	—	3%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.33	0.30	1.37	3.46	< 0.005	0.02	0.57	0.59	0.01	0.14	0.15	—	868	868	0.03	0.05	0.95	885
Mit.	0.29	0.27	0.73	3.44	< 0.005	0.01	0.57	0.58	0.01	0.14	0.15	—	868	868	0.03	0.05	0.95	885
% Reduced	10%	9%	46%	1%	—	38%	—	1%	36%	—	3%	—	—	—	—	—	—	—

## 2.2. Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.59	0.54	10.6	18.9	0.03	0.08	2.95	3.03	0.08	1.05	1.13	—	3,709	3,709	0.15	0.11	2.25	3,747
2026	1.67	1.48	9.90	27.1	0.03	0.10	4.34	4.45	0.10	1.04	1.14	—	7,256	7,256	0.20	0.42	18.2	7,405
2027	5.31	4.96	12.2	30.1	0.03	0.15	5.11	5.22	0.14	1.22	1.33	—	8,038	8,038	0.22	0.44	18.7	8,193
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.95	1.66	12.5	30.3	0.04	0.13	4.38	4.50	0.12	1.05	1.17	—	8,073	8,073	0.26	0.43	0.52	8,208
2026	5.37	5.16	12.2	29.4	0.04	0.13	5.11	5.24	0.12	1.22	1.34	—	7,970	7,970	0.24	0.45	0.54	8,105
2027	5.31	4.95	10.9	27.7	0.03	0.15	5.11	5.22	0.14	1.22	1.33	—	7,823	7,823	0.22	0.44	0.49	7,959
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.28	0.25	2.97	6.03	0.01	0.03	0.86	0.89	0.03	0.26	0.29	—	1,370	1,370	0.05	0.06	0.98	1,390

2026	1.60	1.45	7.49	18.9	0.02	0.08	3.15	3.23	0.07	0.75	0.83	—	5,244	5,244	0.15	0.30	5.74	5,344
2027	1.80	1.64	6.68	15.0	0.02	0.08	2.15	2.23	0.08	0.51	0.59	—	3,815	3,815	0.11	0.19	3.47	3,879
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.05	0.05	0.54	1.10	< 0.005	0.01	0.16	0.16	0.01	0.05	0.05	—	227	227	0.01	0.01	0.16	230
2026	0.29	0.27	1.37	3.46	< 0.005	0.01	0.57	0.59	0.01	0.14	0.15	—	868	868	0.03	0.05	0.95	885
2027	0.33	0.30	1.22	2.74	< 0.005	0.02	0.39	0.41	0.01	0.09	0.11	—	632	632	0.02	0.03	0.57	642

### 2.3. Construction Emissions by Year, Mitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.39	0.36	2.68	18.9	0.03	0.06	2.31	2.37	0.06	0.99	1.05	—	3,709	3,709	0.15	0.11	2.25	3,747
2026	1.43	1.27	5.24	26.9	0.03	0.07	4.34	4.42	0.07	1.04	1.11	—	7,256	7,256	0.20	0.42	18.2	7,405
2027	4.97	4.67	6.57	29.9	0.03	0.08	5.11	5.18	0.08	1.22	1.29	—	8,038	8,038	0.22	0.44	18.7	8,193
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.68	1.42	6.09	30.1	0.04	0.09	4.38	4.47	0.09	1.05	1.13	—	8,073	8,073	0.26	0.43	0.52	8,208
2026	5.01	4.85	6.30	29.2	0.04	0.09	5.11	5.18	0.09	1.22	1.29	—	7,970	7,970	0.24	0.45	0.54	8,105
2027	4.97	4.66	6.07	27.4	0.03	0.07	5.11	5.18	0.07	1.22	1.29	—	7,823	7,823	0.22	0.44	0.49	7,959
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.22	0.19	1.11	6.01	0.01	0.02	0.76	0.78	0.02	0.25	0.27	—	1,370	1,370	0.05	0.06	0.98	1,390
2026	1.41	1.30	4.02	18.8	0.02	0.05	3.15	3.20	0.05	0.75	0.80	—	5,244	5,244	0.15	0.30	5.74	5,344
2027	1.61	1.48	3.64	14.9	0.02	0.04	2.15	2.19	0.04	0.51	0.56	—	3,815	3,815	0.11	0.19	3.47	3,879
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.04	0.04	0.20	1.10	< 0.005	< 0.005	0.14	0.14	< 0.005	0.05	0.05	—	227	227	0.01	0.01	0.16	230
2026	0.26	0.24	0.73	3.44	< 0.005	0.01	0.57	0.58	0.01	0.14	0.15	—	868	868	0.03	0.05	0.95	885

2027	0.29	0.27	0.66	2.72	< 0.005	0.01	0.39	0.40	0.01	0.09	0.10	—	632	632	0.02	0.03	0.57	642
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### 3. Construction Emissions Details

#### 3.1. P2 Fine Grading (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.49	0.47	10.0	17.8	0.03	0.08	—	0.08	0.08	—	0.08	—	2,959	2,959	0.12	0.02	—	2,970
Dust From Material Movement	—	—	—	—	—	—	1.84	1.84	—	0.89	0.89	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.76	0.76	< 0.005	0.08	0.08	—	8.63	8.63	< 0.005	< 0.005	0.02	9.10
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.49	0.47	10.0	17.8	0.03	0.08	—	0.08	0.08	—	0.08	—	2,959	2,959	0.12	0.02	—	2,970
Dust From Material Movement	—	—	—	—	—	—	1.84	1.84	—	0.89	0.89	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.76	0.76	< 0.005	0.08	0.08	—	8.66	8.66	< 0.005	< 0.005	< 0.005	9.11

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.07	1.51	2.68	< 0.005	0.01	—	0.01	0.01	—	0.01	—	446	446	0.02	< 0.005	—	447
Dust From Material Movement	—	—	—	—	—	—	0.28	0.28	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.11	0.11	< 0.005	0.01	0.01	—	1.30	1.30	< 0.005	< 0.005	< 0.005	1.37
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.28	0.49	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	73.8	73.8	< 0.005	< 0.005	—	74.1
Dust From Material Movement	—	—	—	—	—	—	0.05	0.05	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	0.22	0.22	< 0.005	< 0.005	< 0.005	0.23
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.05	0.84	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	199	199	< 0.005	0.01	0.75	202
Vendor	0.04	0.02	0.56	0.28	< 0.005	< 0.005	0.15	0.15	< 0.005	0.04	0.04	—	542	542	0.03	0.08	1.48	567
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.06	0.05	0.06	0.73	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	189	189	< 0.005	0.01	0.02	192
Vendor	0.04	0.01	0.59	0.29	< 0.005	< 0.005	0.15	0.15	< 0.005	0.04	0.04	—	542	542	0.03	0.08	0.04	565

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	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	0.11	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	28.9	28.9	< 0.005	< 0.005	0.05	29.3	
Vendor	0.01	< 0.005	0.09	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	81.7	81.7	< 0.005	0.01	0.10	85.3	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	4.79	4.79	< 0.005	< 0.005	0.01	4.85	
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	13.5	13.5	< 0.005	< 0.005	0.02	14.1	
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. P2 Fine Grading (2025) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.29	0.29	2.04	17.8	0.03	0.06	—	0.06	0.06	—	0.06	—	2,959	2,959	0.12	0.02	—	2,970
Dust From Material Movement	—	—	—	—	—	—	1.84	1.84	—	0.89	0.89	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.12	0.12	< 0.005	0.01	0.01	—	8.63	8.63	< 0.005	< 0.005	0.02	9.10
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipm	0.29	0.29	2.04	17.8	0.03	0.06	—	0.06	0.06	—	0.06	—	2,959	2,959	0.12	0.02	—	2,970
Dust From Material Movement	—	—	—	—	—	—	1.84	1.84	—	0.89	0.89	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.12	0.12	< 0.005	0.01	0.01	—	8.66	8.66	< 0.005	< 0.005	< 0.005	9.11
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.31	2.68	< 0.005	0.01	—	0.01	0.01	—	0.01	—	446	446	0.02	< 0.005	—	447
Dust From Material Movement	—	—	—	—	—	—	0.28	0.28	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	1.30	1.30	< 0.005	< 0.005	< 0.005	1.37
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.49	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	73.8	73.8	< 0.005	< 0.005	—	74.1
Dust From Material Movement	—	—	—	—	—	—	0.05	0.05	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.22	0.22	< 0.005	< 0.005	< 0.005	0.23
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.05	0.84	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	199	199	< 0.005	0.01	0.75	202

Vendor	0.04	0.02	0.56	0.28	< 0.005	< 0.005	0.15	0.15	< 0.005	0.04	0.04	—	542	542	0.03	0.08	1.48	567
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.06	0.05	0.06	0.73	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	189	189	< 0.005	0.01	0.02	192
Vendor	0.04	0.01	0.59	0.29	< 0.005	< 0.005	0.15	0.15	< 0.005	0.04	0.04	—	542	542	0.03	0.08	0.04	565
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.11	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	28.9	28.9	< 0.005	< 0.005	0.05	29.3
Vendor	0.01	< 0.005	0.09	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	81.7	81.7	< 0.005	0.01	0.10	85.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	4.79	4.79	< 0.005	< 0.005	0.01	4.85
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	13.5	13.5	< 0.005	< 0.005	0.02	14.1
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. P2 Building Construction (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.52	0.47	7.10	10.7	0.02	0.10	—	0.10	0.09	—	0.09	—	1,531	1,531	0.06	0.01	—	1,536

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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.67	1.01	< 0.005	0.01	—	0.01	0.01	—	0.01	—	144	144	0.01	< 0.005	—	144	
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	0.12	0.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	23.8	23.8	< 0.005	< 0.005	—	23.9	
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	
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	1.17	1.03	1.15	14.2	0.00	0.00	3.82	3.82	0.00	0.90	0.90	—	3,693	3,693	0.05	0.14	0.38	3,736	
Vendor	0.15	0.05	2.11	1.03	0.01	0.01	0.52	0.54	0.01	0.14	0.16	—	1,951	1,951	0.11	0.27	0.14	2,035	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.11	0.10	0.11	1.39	0.00	0.00	0.35	0.35	0.00	0.08	0.08	—	352	352	< 0.005	0.01	0.60	356	
Vendor	0.01	< 0.005	0.20	0.10	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	183	183	0.01	0.03	0.22	191	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.02	0.02	0.02	0.25	0.00	0.00	0.06	0.06	0.00	0.156	0.02	0.02	—	58.2	58.2	< 0.005	< 0.005	0.10	59.0

Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	30.3	30.3	< 0.005	< 0.005	0.04	31.7
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

### 3.4. P2 Building Construction (2025) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.27	0.25	2.40	10.6	0.02	0.06	—	0.06	0.06	—	0.06	—	1,531	1,531	0.06	0.01	—	1,536
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	0.02	0.23	0.99	< 0.005	0.01	—	0.01	0.01	—	0.01	—	144	144	0.01	< 0.005	—	144
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	0.04	0.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	23.8	23.8	< 0.005	< 0.005	—	23.9
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

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.17	1.03	1.15	14.2	0.00	0.00	3.82	3.82	0.00	0.90	0.90	—	3,693	3,693	0.05	0.14	0.38	3,736
Vendor	0.15	0.05	2.11	1.03	0.01	0.01	0.52	0.54	0.01	0.14	0.16	—	1,951	1,951	0.11	0.27	0.14	2,035
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.11	1.39	0.00	0.00	0.35	0.35	0.00	0.08	0.08	—	352	352	< 0.005	0.01	0.60	356
Vendor	0.01	< 0.005	0.20	0.10	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	183	183	0.01	0.03	0.22	191
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.25	0.00	0.00	0.06	0.06	0.00	0.02	0.02	—	58.2	58.2	< 0.005	< 0.005	0.10	59.0
Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	30.3	30.3	< 0.005	< 0.005	0.04	31.7
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

### 3.5. P2 Building Construction (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.51	0.45	7.05	10.7	0.02	0.09	—	0.09	0.08	—	0.08	—	1,531	1,531	0.06	0.01	—	1,536

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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.51	0.45	7.05	10.7	0.02	0.09	—	0.09	0.08	—	0.08	—	1,531	1,531	0.06	0.01	—	1,536	
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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.32	5.04	7.64	0.01	0.06	—	0.06	0.06	—	0.06	—	1,094	1,094	0.04	0.01	—	1,097	
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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.92	1.39	< 0.005	0.01	—	0.01	0.01	—	0.01	—	181	181	0.01	< 0.005	—	182	
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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.01	0.99	0.89	15.4	0.00	0.00	3.82	3.82	0.00	0.90	0.90	—	3,807	3,807	0.05	0.14	13.2	3,862	
Vendor	0.15	0.04	1.95	0.98	0.01	0.01	0.52	0.54	0.01	0.14	0.16	—	1,918	1,918	0.10	0.27	4.96	2,006	
Hauling	0.00	0.00	0.00	0.00	0.00	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	1.01	0.99	1.02	13.3	0.00	0.00	3.82	3.82	0.00	0.90	0.90	—	3,623	3,623	0.05	0.14	0.34	3,666
Vendor	0.15	0.04	2.03	1.00	0.01	0.01	0.52	0.54	0.01	0.14	0.16	—	1,919	1,919	0.10	0.27	0.13	2,003
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.72	0.70	0.73	9.87	0.00	0.00	2.70	2.70	0.00	0.63	0.63	—	2,623	2,623	0.04	0.10	4.08	2,658
Vendor	0.11	0.03	1.46	0.71	0.01	0.01	0.37	0.38	0.01	0.10	0.11	—	1,371	1,371	0.07	0.19	1.53	1,431
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.13	0.13	0.13	1.80	0.00	0.00	0.49	0.49	0.00	0.12	0.12	—	434	434	0.01	0.02	0.68	440
Vendor	0.02	0.01	0.27	0.13	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	227	227	0.01	0.03	0.25	237
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.6. P2 Building Construction (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.27	0.25	2.39	10.6	0.02	0.06	—	0.06	0.06	—	0.06	—	1,531	1,531	0.06	0.01	—	1,536
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	0.27	0.25	2.39	10.6	0.02	0.06	—	0.06	0.06	—	0.06	—	1,531	1,531	0.06	0.01	—	1,536
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	0.19	0.18	1.71	7.54	0.01	0.04	—	0.04	0.04	—	0.04	—	1,094	1,094	0.04	0.01	—	1,097
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.31	1.38	< 0.005	0.01	—	0.01	0.01	—	0.01	—	181	181	0.01	< 0.005	—	182
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	1.01	0.99	0.89	15.4	0.00	0.00	3.82	3.82	0.00	0.90	0.90	—	3,807	3,807	0.05	0.14	13.2	3,862
Vendor	0.15	0.04	1.95	0.98	0.01	0.01	0.52	0.54	0.01	0.14	0.16	—	1,918	1,918	0.10	0.27	4.96	2,006
Hauling	0.00	0.00	0.00	0.00	0.00	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	1.01	0.99	1.02	13.3	0.00	0.00	3.82	3.82	0.00	0.90	0.90	—	3,623	3,623	0.05	0.14	0.34	3,666
Vendor	0.15	0.04	2.03	1.00	0.01	0.01	0.52	0.54	0.01	0.14	0.16	—	1,919	1,919	0.10	0.27	0.13	2,003
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.72	0.70	0.73	9.87	0.00	0.00	2.70	2.70	0.00	0.63	0.63	—	2,623	2,623	0.04	0.10	4.08	2,658
Vendor	0.11	0.03	1.46	0.71	0.01	0.01	0.37	0.38	0.01	0.10	0.11	—	1,371	1,371	0.07	0.19	1.53	1,431
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.13	0.13	0.13	1.80	0.00	0.00	0.49	0.49	0.00	0.12	0.12	—	434	434	0.01	0.02	0.68	440
Vendor	0.02	0.01	0.27	0.13	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	227	227	0.01	0.03	0.25	237
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.7. P2 Building Construction (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.50	0.44	7.01	10.7	0.02	0.08	—	0.08	0.08	—	0.08	—	1,531	1,531	0.06	0.01	—	1,536
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	0.50	0.44	7.01	10.7	0.02	0.08	—	0.08	0.08	—	0.08	—	1,531	1,531	0.06	0.01	—	1,536
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	0.22	0.19	3.07	4.68	0.01	0.04	—	0.04	0.03	—	0.03	—	671	671	0.03	0.01	—	673
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	0.04	0.04	0.56	0.85	< 0.005	0.01	—	0.01	0.01	—	0.01	—	111	111	< 0.005	< 0.005	—	111
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	0.97	0.83	0.88	14.5	0.00	0.00	3.82	3.82	0.00	0.90	0.90	—	3,743	3,743	0.04	0.14	11.9	3,797
Vendor	0.15	0.04	1.88	0.93	0.01	0.01	0.52	0.54	0.01	0.14	0.16	—	1,883	1,883	0.10	0.26	4.50	1,966
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.97	0.83	0.90	12.4	0.00	0.00	3.82	3.82	0.00	0.90	0.90	—	3,562	3,562	0.05	0.14	0.31	3,605
Vendor	0.15	0.04	1.96	0.95	0.01	0.01	0.52	0.54	0.01	0.14	0.16	—	1,884	1,884	0.09	0.26	0.12	1,963
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.42	0.36	0.44	5.68	0.00	0.00	1.65	1.65	0.00	0.39	0.39	—	1,583	1,583	0.02	0.06	2.25	1,604
Vendor	0.07	0.02	0.86	0.41	0.01	0.01	0.23	0.23	0.01	0.06	0.07	—	826	826	0.04	0.11	0.85	861
Hauling	0.00	0.00	0.00	0.00	0.00	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	—	—	—	—	—	—	—	—	_A-163	—	—	—	—	—	—	—	—	—

Worker	0.08	0.07	0.08	1.04	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	262	262	< 0.005	0.01	0.37	265
Vendor	0.01	< 0.005	0.16	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	137	137	0.01	0.02	0.14	143
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.8. P2 Building Construction (2027) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.27	0.25	2.39	10.6	0.02	0.06	—	0.06	0.06	—	0.06	—	1,531	1,531	0.06	0.01	—	1,536
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	0.27	0.25	2.39	10.6	0.02	0.06	—	0.06	0.06	—	0.06	—	1,531	1,531	0.06	0.01	—	1,536
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	0.12	0.11	1.05	4.63	0.01	0.03	—	0.03	0.02	—	0.02	—	671	671	0.03	0.01	—	673
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	0.19	0.84	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	111	111	< 0.005	< 0.005	—	111
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	0.97	0.83	0.88	14.5	0.00	0.00	3.82	3.82	0.00	0.90	0.90	—	3,743	3,743	0.04	0.14	11.9	3,797
Vendor	0.15	0.04	1.88	0.93	0.01	0.01	0.52	0.54	0.01	0.14	0.16	—	1,883	1,883	0.10	0.26	4.50	1,966
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.97	0.83	0.90	12.4	0.00	0.00	3.82	3.82	0.00	0.90	0.90	—	3,562	3,562	0.05	0.14	0.31	3,605
Vendor	0.15	0.04	1.96	0.95	0.01	0.01	0.52	0.54	0.01	0.14	0.16	—	1,884	1,884	0.09	0.26	0.12	1,963
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.42	0.36	0.44	5.68	0.00	0.00	1.65	1.65	0.00	0.39	0.39	—	1,583	1,583	0.02	0.06	2.25	1,604
Vendor	0.07	0.02	0.86	0.41	0.01	0.01	0.23	0.23	0.01	0.06	0.07	—	826	826	0.04	0.11	0.85	861
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.08	0.07	0.08	1.04	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	262	262	< 0.005	0.01	0.37	265
Vendor	0.01	< 0.005	0.16	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	137	137	0.01	0.02	0.14	143
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.9. P2 Paving (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	0.49	0.43	6.21	9.35	0.01	0.10	—	0.10	0.09	—	0.09	—	1,350	1,350	0.05	0.01	—	1,355
Paving	0.05	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.49	0.43	6.21	9.35	0.01	0.10	—	0.10	0.09	—	0.09	—	1,350	1,350	0.05	0.01	—	1,355
Paving	0.05	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.09	0.08	1.19	1.79	< 0.005	0.02	—	0.02	0.02	—	0.02	—	259	259	0.01	< 0.005	—	260
Paving	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.02	0.02	0.22	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	42.9	42.9	< 0.005	< 0.005	—	43.0
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.06	0.99	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	256	256	< 0.005	0.01	0.81	260
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	61.6	61.6	< 0.005	0.01	0.15	64.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.06	0.85	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	244	244	< 0.005	0.01	0.02	247
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	61.6	61.6	< 0.005	0.01	< 0.005	64.2
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.17	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	47.4	47.4	< 0.005	< 0.005	0.07	48.0
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.8	11.8	< 0.005	< 0.005	0.01	12.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.84	7.84	< 0.005	< 0.005	0.01	7.95
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.96	1.96	< 0.005	< 0.005	< 0.005	2.04
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. P2 Paving (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	0.24	0.23	2.94	9.35	0.01	0.05	—	0.05	0.05	—	0.05	—	1,350	1,350	0.05	0.01	—	1,355
Paving	0.05	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.24	0.23	2.94	9.35	0.01	0.05	—	0.05	0.05	—	0.05	—	1,350	1,350	0.05	0.01	—	1,355
Paving	0.05	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.05	0.04	0.56	1.79	< 0.005	0.01	—	0.01	0.01	—	0.01	—	259	259	0.01	< 0.005	—	260
Paving	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.01	0.01	0.10	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	42.9	42.9	< 0.005	< 0.005	—	43.0
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.06	0.99	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	256	256	< 0.005	0.01	0.81	260
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	61.6	61.6	< 0.005	0.01	0.15	64.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.06	0.85	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	244	244	< 0.005	0.01	0.02	247
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	61.6	61.6	< 0.005	0.01	< 0.005	64.2
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.17	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	47.4	47.4	< 0.005	< 0.005	0.07	48.0
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.8	11.8	< 0.005	< 0.005	0.01	12.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.84	7.84	< 0.005	< 0.005	0.01	7.95
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.96	1.96	< 0.005	< 0.005	< 0.005	2.04
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.11. P2 Architectural Coating (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	0.15	0.12	0.86	1.13	< 0.005	0.02	—	0.02	0.02	—	0.02	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	3.36	3.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.01	0.09	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	14.4	14.4	< 0.005	< 0.005	—	14.4
Architectural Coatings	0.36	0.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.38	2.38	< 0.005	< 0.005	—	2.39

Architectural	0.07	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.20	0.20	0.20	2.66	0.00	0.00	0.76	0.76	0.00	0.18	0.18	—	725	725	0.01	0.03	0.07	733
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.30	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	79.1	79.1	< 0.005	< 0.005	0.12	80.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13.1	13.1	< 0.005	< 0.005	0.02	13.3
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

### 3.12. P2 Architectural Coating (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	0.02	0.02	0.65	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	3.36	3.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.07	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	14.4	14.4	< 0.005	< 0.005	—	14.4
Architectural Coatings	0.36	0.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	—	2.38	2.38	< 0.005	< 0.005	—	2.39
Architectural Coatings	0.07	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.20	0.20	0.20	2.66	0.00	0.00	0.76	0.76	0.00	0.18	0.18	—	725	725	0.01	0.03	0.07	733
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.30	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	79.1	79.1	< 0.005	< 0.005	0.12	80.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13.1	13.1	< 0.005	< 0.005	0.02	13.3
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

### 3.13. P2 Architectural Coating (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	0.14	0.11	0.83	1.13	< 0.005	0.02	—	0.02	0.02	—	0.02	—	134	134	0.01	< 0.005	—	134

Architectural Coating	3.36	3.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.14	0.11	0.83	1.13	< 0.005	0.02	—	0.02	0.02	—	0.02	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	3.36	3.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.21	0.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	34.0	34.0	< 0.005	< 0.005	—	34.1
Architectural Coatings	0.86	0.86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.01	0.01	0.04	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.62	5.62	< 0.005	< 0.005	—	5.64

Architectural Coatings	0.16	0.16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.19	0.17	0.18	2.89	0.00	0.00	0.76	0.76	0.00	0.18	0.18	—	749	749	0.01	0.03	2.37	759
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	0.19	0.17	0.18	2.49	0.00	0.00	0.76	0.76	0.00	0.18	0.18	—	712	712	0.01	0.03	0.06	721
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	0.05	0.04	0.05	0.66	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	184	184	< 0.005	0.01	0.26	186
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.12	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	30.4	30.4	< 0.005	< 0.005	0.04	30.8
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.14. P2 Architectural Coating (2027) - 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.65	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	3.36	3.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.02	0.02	0.65	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	3.36	3.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.16	0.25	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	34.0	34.0	< 0.005	< 0.005	—	34.1
Architectural Coatings	0.86	0.86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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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	0.03	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.62	5.62	< 0.005	< 0.005	—	5.64
Architectural Coatings	0.16	0.16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.19	0.17	0.18	2.89	0.00	0.00	0.76	0.76	0.00	0.18	0.18	—	749	749	0.01	0.03	2.37	759
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	0.19	0.17	0.18	2.49	0.00	0.00	0.76	0.76	0.00	0.18	0.18	—	712	712	0.01	0.03	0.06	721
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	0.05	0.04	0.05	0.66	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	184	184	< 0.005	0.01	0.26	186
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.12	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	30.4	30.4	< 0.005	< 0.005	0.04	30.8

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

### 3.15. P2 Finishing and Landscaping (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	0.09	0.09	2.45	3.74	< 0.005	0.06	—	0.06	0.05	—	0.05	—	535	535	0.02	< 0.005	—	537
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	0.09	0.09	2.45	3.74	< 0.005	0.06	—	0.06	0.05	—	0.05	—	535	535	0.02	< 0.005	—	537
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	0.82	1.25	< 0.005	0.02	—	0.02	0.02	—	0.02	—	179	179	0.01	< 0.005	—	180
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	0.15	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	29.6	29.6	< 0.005	< 0.005	—	29.7
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	0.02	0.01	0.01	0.25	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	64.0	64.0	< 0.005	< 0.005	0.20	64.9
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	0.02	0.01	0.02	0.21	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	60.9	60.9	< 0.005	< 0.005	0.01	61.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.01	0.07	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	20.6	20.6	< 0.005	< 0.005	0.03	20.9
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	—	3.42	3.42	< 0.005	< 0.005	< 0.005	3.46
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. P2 Finishing and Landscaping (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	—	—	—	—	—	—	—	—	_A-179	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.07	1.41	3.74	< 0.005	0.01	—	0.01	0.01	—	0.01	—	535	535	0.02	< 0.005	—	537
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	0.07	0.07	1.41	3.74	< 0.005	0.01	—	0.01	0.01	—	0.01	—	535	535	0.02	< 0.005	—	537
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	0.47	1.25	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	179	179	0.01	< 0.005	—	180
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	0.09	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	29.6	29.6	< 0.005	< 0.005	—	29.7
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	0.02	0.01	0.01	0.25	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	64.0	64.0	< 0.005	< 0.005	0.20	64.9
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	0.02	0.01	0.02	0.21	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	60.9	60.9	< 0.005	< 0.005	0.01	61.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.01	0.07	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	20.6	20.6	< 0.005	< 0.005	0.03	20.9
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	—	3.42	3.42	< 0.005	< 0.005	< 0.005	3.46
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. P2 Crane (2025) - Unmitigated

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

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

Off-Road Equipm	0.10	0.10	2.12	4.27	0.01	0.02	—	0.02	0.02	—	0.02	—	867	867	0.04	0.01	—	870
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	0.20	0.40	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	81.4	81.4	< 0.005	< 0.005	—	81.7
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	0.04	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.5	13.5	< 0.005	< 0.005	—	13.5
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	0.01	0.01	0.01	0.12	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	31.6	31.6	< 0.005	< 0.005	< 0.005	31.9
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.01	3.01	< 0.005	< 0.005	0.01	3.05
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.50	0.50	< 0.005	< 0.005	< 0.005	0.50
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. P2 Crane (2025) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.08	0.43	4.27	0.01	0.02	—	0.02	0.02	—	0.02	—	867	867	0.04	0.01	—	870
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.04	0.40	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	81.4	81.4	< 0.005	< 0.005	—	81.7
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	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.5	13.5	< 0.005	< 0.005	—	13.5

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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.12	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	31.6	31.6	< 0.005	< 0.005	< 0.005	31.9	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.01	3.01	< 0.005	< 0.005	0.01	3.05	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.50	0.50	< 0.005	< 0.005	< 0.005	0.50	
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. P2 Crane (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	0.10	0.10	2.12	4.27	0.01	0.02	—	0.02	0.02	—	0.02	—	866	866	0.04	0.01	—	869
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	0.15	0.30	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	61.0	61.0	< 0.005	< 0.005	—	61.2
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	0.03	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.1	10.1	< 0.005	< 0.005	—	10.1
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	31.0	31.0	< 0.005	< 0.005	< 0.005	31.3
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.21	2.21	< 0.005	< 0.005	< 0.005	2.24
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.37	0.37	< 0.005	< 0.005	< 0.005	0.37
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. P2 Crane (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	0.08	0.08	0.43	4.27	0.01	0.02	—	0.02	0.02	—	0.02	—	866	866	0.04	0.01	—	869
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	0.03	0.30	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	61.0	61.0	< 0.005	< 0.005	—	61.2
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	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.1	10.1	< 0.005	< 0.005	—	10.1

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	31.0	31.0	< 0.005	< 0.005	< 0.005	31.3	
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	
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.21	2.21	< 0.005	< 0.005	< 0.005	2.24	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.37	0.37	< 0.005	< 0.005	< 0.005	0.37	
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	

### 3.21. P2 Utility Trenching (2025) - Unmitigated

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

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

Off-Road Equipment	0.20	0.18	3.28	4.76	0.01	0.08	—	0.08	0.08	—	0.08	—	677	677	0.03	0.01	—	679
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.15	0.15	< 0.005	0.02	0.02	—	3.04	3.04	< 0.005	< 0.005	< 0.005	3.20
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.18	0.26	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	37.1	37.1	< 0.005	< 0.005	—	37.2
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.17	0.17	< 0.005	< 0.005	< 0.005	0.17
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.14	6.14	< 0.005	< 0.005	—	6.16
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.03	0.03	< 0.005	< 0.005	< 0.005	0.03
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.36	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	94.7	94.7	< 0.005	< 0.005	0.01	95.8
Vendor	0.01	< 0.005	0.14	0.07	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	128	128	0.01	0.02	0.01	133
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.26	5.26	< 0.005	< 0.005	0.01	5.33
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.99	6.99	< 0.005	< 0.005	0.01	7.30
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.87	0.87	< 0.005	< 0.005	< 0.005	0.88
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.16	1.16	< 0.005	< 0.005	< 0.005	1.21
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.22. P2 Utility Trenching (2025) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	2.08	4.73	0.01	0.01	—	0.01	0.01	—	0.01	—	677	677	0.03	0.01	—	679
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	3.04	3.04	< 0.005	< 0.005	< 0.005	3.20
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.11	0.26	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	37.1	37.1	< 0.005	< 0.005	—	37.2
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.17	0.17	< 0.005	< 0.005	< 0.005	0.17
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.14	6.14	< 0.005	< 0.005	—	6.16

Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.03	0.03	< 0.005	< 0.005	< 0.005	0.03
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.36	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	94.7	94.7	< 0.005	< 0.005	0.01	95.8
Vendor	0.01	< 0.005	0.14	0.07	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	128	128	0.01	0.02	0.01	133
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.26	5.26	< 0.005	< 0.005	0.01	5.33
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.99	6.99	< 0.005	< 0.005	0.01	7.30
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.87	0.87	< 0.005	< 0.005	< 0.005	0.88
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.16	1.16	< 0.005	< 0.005	< 0.005	1.21
Hauling	0.00	0.00	0.00	0.00	0.00	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
P2 Fine Grading	Grading	8/1/2025	10/16/2025	5.00	55.0	—
P2 Building Construction	Building Construction	11/14/2025	8/12/2027	5.00	455	—
P2 Paving	Paving	8/13/2027	11/18/2027	5.00	70.0	—
P2 Architectural Coating	Architectural Coating	11/7/2026	5/10/2027 <sub>A-190</sub>	5.00	131	—

P2 Finishing and Landscaping	Trenching	6/1/2027	11/17/2027	5.00	122	—
P2 Crane	Trenching	11/14/2025	2/5/2026	5.00	60.0	—
P2 Utility Trenching	Trenching	10/17/2025	11/13/2025	5.00	20.0	—

## 5.2. Off-Road Equipment

### 5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
P2 Fine Grading	Graders	Diesel	Tier 4 Interim	1.00	8.00	148	0.41
P2 Fine Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
P2 Fine Grading	Tractors/Loaders/Back hoes	Diesel	Tier 4 Interim	3.00	8.00	84.0	0.37
P2 Fine Grading	Rubber Tired Dozers	Diesel	Tier 4 Interim	1.00	8.00	367	0.40
P2 Building Construction	Forklifts	Diesel	Tier 4 Interim	3.00	8.00	82.0	0.20
P2 Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
P2 Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
P2 Building Construction	Tractors/Loaders/Back hoes	Diesel	Tier 4 Interim	3.00	7.00	84.0	0.37
P2 Paving	Tractors/Loaders/Back hoes	Diesel	Tier 4 Interim	1.00	8.00	84.0	0.37
P2 Paving	Cement and Mortar Mixers	Diesel	Average	2.00	6.00	10.0	0.56
P2 Paving	Pavers	Diesel	Tier 4 Interim	1.00	8.00	81.0	0.42
P2 Paving	Paving Equipment	Diesel	Tier 4 Interim	2.00	6.00	89.0	0.36
P2 Paving	Rollers	Diesel	Average	2.00	6.00	36.0	0.38
P2 Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

P2 Finishing and Landscaping	Skid Steer Loaders	Diesel	Tier 4 Interim	1.00	8.00	71.0	0.37
P2 Finishing and Landscaping	Tractors/Loaders/Back hoes	Diesel	Tier 4 Interim	1.00	8.00	84.0	0.37
P2 Crane	Cranes	Diesel	Tier 4 Interim	1.00	7.00	367	0.29
P2 Utility Trenching	Tractors/Loaders/Back hoes	Diesel	Tier 4 Interim	1.00	8.00	84.0	0.37
P2 Utility Trenching	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
P2 Utility Trenching	Skid Steer Loaders	Diesel	Tier 4 Interim	1.00	8.00	71.0	0.37

### 5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
P2 Fine Grading	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
P2 Fine Grading	Excavators	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
P2 Fine Grading	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	3.00	8.00	84.0	0.37
P2 Fine Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
P2 Building Construction	Forklifts	Diesel	Tier 4 Final	3.00	8.00	82.0	0.20
P2 Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
P2 Building Construction	Welders	Diesel	Tier 4 Final	1.00	8.00	46.0	0.45
P2 Building Construction	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	3.00	7.00	84.0	0.37
P2 Paving	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
P2 Paving	Cement and Mortar Mixers	Diesel	Average	2.00	6.00	10.0	0.56
P2 Paving	Pavers	Diesel	Tier 4 Final	1.00	8.00	81.0	0.42
P2 Paving	Paving Equipment	Diesel	Tier 4 Interim	1.00	6.00	89.0	0.36
P2 Paving	Paving Equipment	Diesel	Tier 4 Final	A-1 1.00	6.00	89.0	0.36

P2 Paving	Rollers	Diesel	Tier 4 Final	2.00	6.00	36.0	0.38
P2 Architectural Coating	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	37.0	0.48
P2 Finishing and Landscaping	Skid Steer Loaders	Diesel	Tier 4 Final	1.00	8.00	71.0	0.37
P2 Finishing and Landscaping	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
P2 Crane	Cranes	Diesel	Tier 4 Final	1.00	7.00	367	0.29
P2 Utility Trenching	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
P2 Utility Trenching	Excavators	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
P2 Utility Trenching	Skid Steer Loaders	Diesel	Tier 4 Final	1.00	8.00	71.0	0.37

## 5.3. Construction Vehicles

### 5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
P2 Fine Grading	—	—	—	—
P2 Fine Grading	Worker	15.0	18.5	LDA,LDT1,LDT2
P2 Fine Grading	Vendor	17.0	10.2	HHDT,MHDT
P2 Fine Grading	Hauling	0.00	20.0	HHDT
P2 Fine Grading	Onsite truck	1.00	2.06	HHDT
P2 Building Construction	—	—	—	—
P2 Building Construction	Worker	292	18.5	LDA,LDT1,LDT2
P2 Building Construction	Vendor	61.2	10.2	HHDT,MHDT
P2 Building Construction	Hauling	0.00	20.0	HHDT
P2 Building Construction	Onsite truck	0.00	—	HHDT
P2 Paving	—	—	—	—
P2 Paving	Worker	20.0	18.5	LDA,LDT1,LDT2
P2 Paving	Vendor	2.00	A-193 10.2	HHDT,MHDT

P2 Paving	Hauling	0.00	20.0	HHDT
P2 Paving	Onsite truck	0.00	—	HHDT
P2 Architectural Coating	—	—	—	—
P2 Architectural Coating	Worker	58.5	18.5	LDA,LDT1,LDT2
P2 Architectural Coating	Vendor	0.00	10.2	HHDT,MHDT
P2 Architectural Coating	Hauling	0.00	20.0	HHDT
P2 Architectural Coating	Onsite truck	0.00	—	HHDT
P2 Finishing and Landscaping	—	—	—	—
P2 Finishing and Landscaping	Worker	5.00	18.5	LDA,LDT1,LDT2
P2 Finishing and Landscaping	Vendor	0.00	10.2	HHDT,MHDT
P2 Finishing and Landscaping	Hauling	0.00	20.0	HHDT
P2 Finishing and Landscaping	Onsite truck	0.00	—	HHDT
P2 Crane	—	—	—	—
P2 Crane	Worker	2.50	18.5	LDA,LDT1,LDT2
P2 Crane	Vendor	0.00	10.2	HHDT,MHDT
P2 Crane	Hauling	0.00	20.0	HHDT
P2 Crane	Onsite truck	0.00	—	HHDT
P2 Utility Trenching	—	—	—	—
P2 Utility Trenching	Worker	7.50	18.5	LDA,LDT1,LDT2
P2 Utility Trenching	Vendor	4.00	10.2	HHDT,MHDT
P2 Utility Trenching	Hauling	0.00	20.0	HHDT
P2 Utility Trenching	Onsite truck	1.00	0.41	HHDT

### 5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
P2 Fine Grading	—	—	—	—
P2 Fine Grading	Worker	15.0	18.5	LDA,LDT1,LDT2
P2 Fine Grading	Vendor	17.0	10.2	HHDT,MHDT

P2 Fine Grading	Hauling	0.00	20.0	HHDT
P2 Fine Grading	Onsite truck	1.00	2.06	HHDT
P2 Building Construction	—	—	—	—
P2 Building Construction	Worker	292	18.5	LDA,LDT1,LDT2
P2 Building Construction	Vendor	61.2	10.2	HHDT,MHDT
P2 Building Construction	Hauling	0.00	20.0	HHDT
P2 Building Construction	Onsite truck	0.00	—	HHDT
P2 Paving	—	—	—	—
P2 Paving	Worker	20.0	18.5	LDA,LDT1,LDT2
P2 Paving	Vendor	2.00	10.2	HHDT,MHDT
P2 Paving	Hauling	0.00	20.0	HHDT
P2 Paving	Onsite truck	0.00	—	HHDT
P2 Architectural Coating	—	—	—	—
P2 Architectural Coating	Worker	58.5	18.5	LDA,LDT1,LDT2
P2 Architectural Coating	Vendor	0.00	10.2	HHDT,MHDT
P2 Architectural Coating	Hauling	0.00	20.0	HHDT
P2 Architectural Coating	Onsite truck	0.00	—	HHDT
P2 Finishing and Landscaping	—	—	—	—
P2 Finishing and Landscaping	Worker	5.00	18.5	LDA,LDT1,LDT2
P2 Finishing and Landscaping	Vendor	0.00	10.2	HHDT,MHDT
P2 Finishing and Landscaping	Hauling	0.00	20.0	HHDT
P2 Finishing and Landscaping	Onsite truck	0.00	—	HHDT
P2 Crane	—	—	—	—
P2 Crane	Worker	2.50	18.5	LDA,LDT1,LDT2
P2 Crane	Vendor	0.00	10.2	HHDT,MHDT
P2 Crane	Hauling	0.00	20.0	HHDT
P2 Crane	Onsite truck	0.00	—	HHDT
P2 Utility Trenching	—	—	—	—

P2 Utility Trenching	Worker	7.50	18.5	LDA,LDT1,LDT2
P2 Utility Trenching	Vendor	4.00	10.2	HHDT,MHDT
P2 Utility Trenching	Hauling	0.00	20.0	HHDT
P2 Utility Trenching	Onsite truck	1.00	0.41	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)
P2 Architectural Coating	707,387	235,796	1,568	174	5,516

## 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)
P2 Fine Grading	0.00	0.00	55.0	0.00	—
P2 Paving	0.00	0.00	0.00	0.00	2.11

### 5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
		A-196	

Water Exposed Area	3	74%	74%
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## 5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Apartments Mid Rise	—	0%
Enclosed Parking with Elevator	0.80	100%
Other Asphalt Surfaces	0.42	100%
Other Non-Asphalt Surfaces	0.89	0%

## 5.8. Construction Electricity Consumption and Emissions Factors

### kWh per Year and Emission Factor (lb/MWh)

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

## 8. User Changes to Default Data

Screen	Justification
Land Use	Based on applicant info., see assumptions file
Construction: Architectural Coatings	Applies Mitigation Measure AQ-1 for super compliant paints according to South Coast AQMD.
Construction: Construction Phases	Based on applicant info., see assumptions file
Construction: Off-Road Equipment	Tier 4-Interim equipment per Mitigation Measure AQ-1. Equipment for Finishing and Landscaping and Utility Trenching from recent residential development project. Assume default duration of crane operation for 12 weeks duration based on previous development projects, see assumptions file.

# **CalEEMod Mitigated Construction Model**

## **P2**

# Euclid and Heil P2 For Rent Program 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	Euclid and Heil P2 For Rent Program
Construction Start Date	8/1/2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	19.2
Location	16300 Euclid St, Fountain Valley, CA 92708, USA
County	Orange
City	Fountain Valley
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5845
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.29

## 1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Apartments Mid Rise	304	Dwelling Unit	2.30	349,327	23,232	0.00	906	—

Enclosed Parking with Elevator	175	1000sqft	0.80	174,910	0.00	0.00	—	—
Other Asphalt Surfaces	18.3	1000sqft	0.42	0.00	0.00	0.00	—	—
Other Non-Asphalt Surfaces	38.8	1000sqft	0.89	0.00	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-9	Use Dust Suppressants

## 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.	5.19	4.86	11.4	29.6	0.03	0.15	5.11	5.19	0.14	1.22	1.30	—	7,935	7,935	0.21	0.44	18.7	8,088
Mit.	4.85	4.57	5.78	29.4	0.03	0.06	5.11	5.15	0.06	1.22	1.26	—	7,935	7,935	0.21	0.44	18.7	8,088
% Reduced	7%	6%	49%	1%	—	61%	—	1%	59%	—	3%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.25	5.06	11.7	29.8	0.04	0.15	5.11	5.20	0.14	1.22	1.31	—	7,969	7,969	0.25	0.45	0.54	8,104
Mit.	4.89	4.75	5.51	29.6	0.04	0.06	5.11	5.15	0.06	1.22	1.26	—	7,969	7,969	0.25	0.45	0.54	8,104
% Reduced	7%	6%	53%	1%	—	61%	—	1%	59% A-203	—	4%	—	—	—	—	—	—	—

Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.74	1.59	6.93	18.6	0.02	0.07	3.15	3.20	0.07	0.75	0.81	—	5,170	5,170	0.15	0.30	5.74	5,270
Mit.	1.56	1.44	3.46	18.4	0.02	0.03	3.15	3.18	0.03	0.75	0.78	—	5,170	5,170	0.15	0.30	5.74	5,270
% Reduced	10%	10%	50%	1%	—	56%	—	1%	54%	—	3%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.32	0.29	1.26	3.39	< 0.005	0.01	0.57	0.58	0.01	0.14	0.15	—	856	856	0.02	0.05	0.95	873
Mit.	0.29	0.26	0.63	3.37	< 0.005	0.01	0.57	0.58	0.01	0.14	0.14	—	856	856	0.02	0.05	0.95	873
% Reduced	10%	10%	50%	1%	—	56%	—	1%	54%	—	3%	—	—	—	—	—	—	—

## 2.2. Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.59	0.54	10.6	18.9	0.03	0.08	2.95	3.03	0.08	1.05	1.13	—	3,709	3,709	0.15	0.11	2.25	3,747
2026	1.55	1.38	9.11	26.6	0.03	0.07	4.34	4.42	0.07	1.04	1.11	—	7,152	7,152	0.20	0.42	18.2	7,301
2027	5.19	4.86	11.4	29.6	0.03	0.15	5.11	5.19	0.14	1.22	1.30	—	7,935	7,935	0.21	0.44	18.7	8,088
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.83	1.56	11.7	29.8	0.04	0.09	4.38	4.47	0.09	1.05	1.14	—	7,969	7,969	0.25	0.43	0.52	8,104
2026	5.25	5.06	11.4	28.8	0.04	0.09	5.11	5.20	0.09	1.22	1.31	—	7,867	7,867	0.24	0.45	0.54	8,001
2027	5.19	4.85	10.1	27.2	0.03	0.15	5.11	5.19	0.14	1.22	1.30	—	7,719	7,719	0.21	0.44	0.49	7,854
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.27	0.24	2.90	5.98	0.01	0.03	0.86	0.88	0.02	0.26	0.28	—	1,361	1,361	0.05	0.06	0.98	1,380

2026	1.51	1.38	6.93	18.6	0.02	0.05	3.15	3.20	0.05	0.75	0.81	—	5,170	5,170	0.15	0.30	5.74	5,270
2027	1.74	1.59	6.34	14.8	0.02	0.07	2.15	2.22	0.07	0.51	0.58	—	3,769	3,769	0.11	0.19	3.47	3,833
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.05	0.04	0.53	1.09	< 0.005	< 0.005	0.16	0.16	< 0.005	0.05	0.05	—	225	225	0.01	0.01	0.16	229
2026	0.28	0.25	1.26	3.39	< 0.005	0.01	0.57	0.58	0.01	0.14	0.15	—	856	856	0.02	0.05	0.95	873
2027	0.32	0.29	1.16	2.70	< 0.005	0.01	0.39	0.40	0.01	0.09	0.11	—	624	624	0.02	0.03	0.57	635

### 2.3. Construction Emissions by Year, Mitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.39	0.36	2.68	18.9	0.03	0.06	2.31	2.37	0.06	0.99	1.05	—	3,709	3,709	0.15	0.11	2.25	3,747
2026	1.31	1.18	4.45	26.4	0.03	0.04	4.34	4.38	0.04	1.04	1.08	—	7,152	7,152	0.20	0.42	18.2	7,301
2027	4.85	4.57	5.78	29.4	0.03	0.06	5.11	5.15	0.06	1.22	1.26	—	7,935	7,935	0.21	0.44	18.7	8,088
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.56	1.32	5.30	29.6	0.04	0.06	4.38	4.43	0.06	1.05	1.10	—	7,969	7,969	0.25	0.43	0.52	8,104
2026	4.89	4.75	5.51	28.7	0.04	0.06	5.11	5.15	0.06	1.22	1.26	—	7,867	7,867	0.24	0.45	0.54	8,001
2027	4.85	4.56	5.28	26.9	0.03	0.06	5.11	5.15	0.06	1.22	1.26	—	7,719	7,719	0.21	0.44	0.49	7,854
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.21	0.18	1.03	5.96	0.01	0.02	0.76	0.78	0.02	0.25	0.26	—	1,361	1,361	0.05	0.06	0.98	1,380
2026	1.32	1.23	3.46	18.4	0.02	0.03	3.15	3.18	0.03	0.75	0.78	—	5,170	5,170	0.15	0.30	5.74	5,270
2027	1.56	1.44	3.29	14.7	0.02	0.03	2.15	2.18	0.03	0.51	0.54	—	3,769	3,769	0.11	0.19	3.47	3,833
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.04	0.03	0.19	1.09	< 0.005	< 0.005	0.14	0.14	< 0.005	0.05	0.05	—	225	225	0.01	0.01	0.16	229
2026	0.24	0.22	0.63	3.37	< 0.005	0.01	0.57	0.58	< 0.005	0.14	0.14	—	856	856	0.02	0.05	0.95	873

2027	0.29	0.26	0.60	2.68	< 0.005	0.01	0.39	0.40	0.01	0.09	0.10	—	624	624	0.02	0.03	0.57	635
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### 3. Construction Emissions Details

#### 3.1. P2 Fine Grading (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.49	0.47	10.0	17.8	0.03	0.08	—	0.08	0.08	—	0.08	—	2,959	2,959	0.12	0.02	—	2,970
Dust From Material Movement	—	—	—	—	—	—	1.84	1.84	—	0.89	0.89	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.76	0.76	< 0.005	0.08	0.08	—	8.63	8.63	< 0.005	< 0.005	0.02	9.10
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.49	0.47	10.0	17.8	0.03	0.08	—	0.08	0.08	—	0.08	—	2,959	2,959	0.12	0.02	—	2,970
Dust From Material Movement	—	—	—	—	—	—	1.84	1.84	—	0.89	0.89	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.76	0.76	< 0.005	0.08	0.08	—	8.66	8.66	< 0.005	< 0.005	< 0.005	9.11

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.07	1.51	2.68	< 0.005	0.01	—	0.01	0.01	—	0.01	—	446	446	0.02	< 0.005	—	447
Dust From Material Movement	—	—	—	—	—	—	0.28	0.28	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.11	0.11	< 0.005	0.01	0.01	—	1.30	1.30	< 0.005	< 0.005	< 0.005	1.37
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.28	0.49	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	73.8	73.8	< 0.005	< 0.005	—	74.1
Dust From Material Movement	—	—	—	—	—	—	0.05	0.05	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	0.22	0.22	< 0.005	< 0.005	< 0.005	0.23
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.05	0.84	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	199	199	< 0.005	0.01	0.75	202
Vendor	0.04	0.02	0.56	0.28	< 0.005	< 0.005	0.15	0.15	< 0.005	0.04	0.04	—	542	542	0.03	0.08	1.48	567
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.06	0.05	0.06	0.73	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	189	189	< 0.005	0.01	0.02	192
Vendor	0.04	0.01	0.59	0.29	< 0.005	< 0.005	0.15	0.15	< 0.005	0.04	0.04	—	542	542	0.03	0.08	0.04	565

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	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	0.11	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	28.9	28.9	< 0.005	< 0.005	0.05	29.3	
Vendor	0.01	< 0.005	0.09	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	81.7	81.7	< 0.005	0.01	0.10	85.3	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	4.79	4.79	< 0.005	< 0.005	0.01	4.85	
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	13.5	13.5	< 0.005	< 0.005	0.02	14.1	
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. P2 Fine Grading (2025) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.29	0.29	2.04	17.8	0.03	0.06	—	0.06	0.06	—	0.06	—	2,959	2,959	0.12	0.02	—	2,970
Dust From Material Movement	—	—	—	—	—	—	1.84	1.84	—	0.89	0.89	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.12	0.12	< 0.005	0.01	0.01	—	8.63	8.63	< 0.005	< 0.005	0.02	9.10
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipm	0.29	0.29	2.04	17.8	0.03	0.06	—	0.06	0.06	—	0.06	—	2,959	2,959	0.12	0.02	—	2,970
Dust From Material Movement	—	—	—	—	—	—	1.84	1.84	—	0.89	0.89	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.12	0.12	< 0.005	0.01	0.01	—	8.66	8.66	< 0.005	< 0.005	< 0.005	9.11
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.31	2.68	< 0.005	0.01	—	0.01	0.01	—	0.01	—	446	446	0.02	< 0.005	—	447
Dust From Material Movement	—	—	—	—	—	—	0.28	0.28	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	1.30	1.30	< 0.005	< 0.005	< 0.005	1.37
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.49	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	73.8	73.8	< 0.005	< 0.005	—	74.1
Dust From Material Movement	—	—	—	—	—	—	0.05	0.05	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.22	0.22	< 0.005	< 0.005	< 0.005	0.23
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.05	0.84	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	199	199	< 0.005	0.01	0.75	202

Vendor	0.04	0.02	0.56	0.28	< 0.005	< 0.005	0.15	0.15	< 0.005	0.04	0.04	—	542	542	0.03	0.08	1.48	567
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.06	0.05	0.06	0.73	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	189	189	< 0.005	0.01	0.02	192
Vendor	0.04	0.01	0.59	0.29	< 0.005	< 0.005	0.15	0.15	< 0.005	0.04	0.04	—	542	542	0.03	0.08	0.04	565
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.11	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	28.9	28.9	< 0.005	< 0.005	0.05	29.3
Vendor	0.01	< 0.005	0.09	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	81.7	81.7	< 0.005	0.01	0.10	85.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	4.79	4.79	< 0.005	< 0.005	0.01	4.85
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	13.5	13.5	< 0.005	< 0.005	0.02	14.1
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. P2 Building Construction (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.40	0.37	6.30	10.2	0.01	0.06	—	0.06	0.06	—	0.06	—	1,427	1,427	0.06	0.01	—	1,432

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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.03	0.59	0.96	< 0.005	0.01	—	0.01	0.01	—	0.01	—	134	134	0.01	< 0.005	—	135	
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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.11	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	22.2	22.2	< 0.005	< 0.005	—	22.3	
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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.17	1.03	1.15	14.2	0.00	0.00	3.82	3.82	0.00	0.90	0.90	—	3,693	3,693	0.05	0.14	0.38	3,736	
Vendor	0.15	0.05	2.11	1.03	0.01	0.01	0.52	0.54	0.01	0.14	0.16	—	1,951	1,951	0.11	0.27	0.14	2,035	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.11	1.39	0.00	0.00	0.35	0.35	0.00	0.08	0.08	—	352	352	< 0.005	0.01	0.60	356	
Vendor	0.01	< 0.005	0.20	0.10	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	183	183	0.01	0.03	0.22	191	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.25	0.00	0.00	0.06	0.06	0.00	0.21	0.02	0.02	—	58.2	58.2	< 0.005	< 0.005	0.10	59.0

Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	30.3	30.3	< 0.005	< 0.005	0.04	31.7
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

### 3.4. P2 Building Construction (2025) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.15	1.60	10.0	0.01	0.03	—	0.03	0.03	—	0.03	—	1,427	1,427	0.06	0.01	—	1,432
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	0.15	0.94	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	134	134	0.01	< 0.005	—	135
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	0.03	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	22.2	22.2	< 0.005	< 0.005	—	22.3
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	1.17	1.03	1.15	14.2	0.00	0.00	3.82	3.82	0.00	0.90	0.90	—	3,693	3,693	0.05	0.14	0.38	3,736
Vendor	0.15	0.05	2.11	1.03	0.01	0.01	0.52	0.54	0.01	0.14	0.16	—	1,951	1,951	0.11	0.27	0.14	2,035
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.11	1.39	0.00	0.00	0.35	0.35	0.00	0.08	0.08	—	352	352	< 0.005	0.01	0.60	356
Vendor	0.01	< 0.005	0.20	0.10	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	183	183	0.01	0.03	0.22	191
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.25	0.00	0.00	0.06	0.06	0.00	0.02	0.02	—	58.2	58.2	< 0.005	< 0.005	0.10	59.0
Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	30.3	30.3	< 0.005	< 0.005	0.04	31.7
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

### 3.5. P2 Building Construction (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.39	0.35	6.26	10.2	0.01	0.06	—	0.06	0.06	—	0.06	—	1,427	1,427	0.06	0.01	—	1,432

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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.39	0.35	6.26	10.2	0.01	0.06	—	0.06	0.06	—	0.06	—	1,427	1,427	0.06	0.01	—	1,432	
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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.28	0.25	4.47	7.27	0.01	0.04	—	0.04	0.04	—	0.04	—	1,019	1,019	0.04	0.01	—	1,023	
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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.82	1.33	< 0.005	0.01	—	0.01	0.01	—	0.01	—	169	169	0.01	< 0.005	—	169	
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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.01	0.99	0.89	15.4	0.00	0.00	3.82	3.82	0.00	0.90	0.90	—	3,807	3,807	0.05	0.14	13.2	3,862	
Vendor	0.15	0.04	1.95	0.98	0.01	0.01	0.52	0.54	0.01	0.14	0.16	—	1,918	1,918	0.10	0.27	4.96	2,006	
Hauling	0.00	0.00	0.00	0.00	0.00	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	1.01	0.99	1.02	13.3	0.00	0.00	3.82	3.82	0.00	0.90	0.90	—	3,623	3,623	0.05	0.14	0.34	3,666
Vendor	0.15	0.04	2.03	1.00	0.01	0.01	0.52	0.54	0.01	0.14	0.16	—	1,919	1,919	0.10	0.27	0.13	2,003
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.72	0.70	0.73	9.87	0.00	0.00	2.70	2.70	0.00	0.63	0.63	—	2,623	2,623	0.04	0.10	4.08	2,658
Vendor	0.11	0.03	1.46	0.71	0.01	0.01	0.37	0.38	0.01	0.10	0.11	—	1,371	1,371	0.07	0.19	1.53	1,431
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.13	0.13	0.13	1.80	0.00	0.00	0.49	0.49	0.00	0.12	0.12	—	434	434	0.01	0.02	0.68	440
Vendor	0.02	0.01	0.27	0.13	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	227	227	0.01	0.03	0.25	237
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.6. P2 Building Construction (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.15	1.60	10.0	0.01	0.03	—	0.03	0.03	—	0.03	—	1,427	1,427	0.06	0.01	—	1,432
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	0.15	1.60	10.0	0.01	0.03	—	0.03	0.03	—	0.03	—	1,427	1,427	0.06	0.01	—	1,432
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	0.11	0.11	1.15	7.17	0.01	0.02	—	0.02	0.02	—	0.02	—	1,019	1,019	0.04	0.01	—	1,023
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	0.21	1.31	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	169	169	0.01	< 0.005	—	169
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	1.01	0.99	0.89	15.4	0.00	0.00	3.82	3.82	0.00	0.90	0.90	—	3,807	3,807	0.05	0.14	13.2	3,862
Vendor	0.15	0.04	1.95	0.98	0.01	0.01	0.52	0.54	0.01	0.14	0.16	—	1,918	1,918	0.10	0.27	4.96	2,006
Hauling	0.00	0.00	0.00	0.00	0.00	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	1.01	0.99	1.02	13.3	0.00	0.00	3.82	3.82	0.00	0.90	0.90	—	3,623	3,623	0.05	0.14	0.34	3,666
Vendor	0.15	0.04	2.03	1.00	0.01	0.01	0.52	0.54	0.01	0.14	0.16	—	1,919	1,919	0.10	0.27	0.13	2,003
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.72	0.70	0.73	9.87	0.00	0.00	2.70	2.70	0.00	0.63	0.63	—	2,623	2,623	0.04	0.10	4.08	2,658
Vendor	0.11	0.03	1.46	0.71	0.01	0.01	0.37	0.38	0.01	0.10	0.11	—	1,371	1,371	0.07	0.19	1.53	1,431
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.13	0.13	0.13	1.80	0.00	0.00	0.49	0.49	0.00	0.12	0.12	—	434	434	0.01	0.02	0.68	440
Vendor	0.02	0.01	0.27	0.13	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	227	227	0.01	0.03	0.25	237
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.7. P2 Building Construction (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.38	0.34	6.22	10.2	0.01	0.05	—	0.05	0.05	—	0.05	—	1,427	1,427	0.06	0.01	—	1,432
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	0.38	0.34	6.22	10.2	0.01	0.05	—	0.05	0.05	—	0.05	—	1,427	1,427	0.06	0.01	—	1,432
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.15	2.73	4.46	0.01	0.02	—	0.02	0.02	—	0.02	—	625	625	0.03	0.01	—	628
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.50	0.81	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	104	104	< 0.005	< 0.005	—	104
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	0.97	0.83	0.88	14.5	0.00	0.00	3.82	3.82	0.00	0.90	0.90	—	3,743	3,743	0.04	0.14	11.9	3,797
Vendor	0.15	0.04	1.88	0.93	0.01	0.01	0.52	0.54	0.01	0.14	0.16	—	1,883	1,883	0.10	0.26	4.50	1,966
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.97	0.83	0.90	12.4	0.00	0.00	3.82	3.82	0.00	0.90	0.90	—	3,562	3,562	0.05	0.14	0.31	3,605
Vendor	0.15	0.04	1.96	0.95	0.01	0.01	0.52	0.54	0.01	0.14	0.16	—	1,884	1,884	0.09	0.26	0.12	1,963
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.42	0.36	0.44	5.68	0.00	0.00	1.65	1.65	0.00	0.39	0.39	—	1,583	1,583	0.02	0.06	2.25	1,604
Vendor	0.07	0.02	0.86	0.41	0.01	0.01	0.23	0.23	0.01	0.06	0.07	—	826	826	0.04	0.11	0.85	861
Hauling	0.00	0.00	0.00	0.00	0.00	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	—	—	—	—	—	—	—	—	_A-218	—	—	—	—	—	—	—	—	—

Worker	0.08	0.07	0.08	1.04	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	262	262	< 0.005	0.01	0.37	265
Vendor	0.01	< 0.005	0.16	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	137	137	0.01	0.02	0.14	143
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.8. P2 Building Construction (2027) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.15	1.60	10.0	0.01	0.03	—	0.03	0.03	—	0.03	—	1,427	1,427	0.06	0.01	—	1,432
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	0.15	1.60	10.0	0.01	0.03	—	0.03	0.03	—	0.03	—	1,427	1,427	0.06	0.01	—	1,432
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	0.70	4.40	0.01	0.01	—	0.01	0.01	—	0.01	—	625	625	0.03	0.01	—	628
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	0.13	0.80	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	104	104	< 0.005	< 0.005	—	104
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	0.97	0.83	0.88	14.5	0.00	0.00	3.82	3.82	0.00	0.90	0.90	—	3,743	3,743	0.04	0.14	11.9	3,797
Vendor	0.15	0.04	1.88	0.93	0.01	0.01	0.52	0.54	0.01	0.14	0.16	—	1,883	1,883	0.10	0.26	4.50	1,966
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.97	0.83	0.90	12.4	0.00	0.00	3.82	3.82	0.00	0.90	0.90	—	3,562	3,562	0.05	0.14	0.31	3,605
Vendor	0.15	0.04	1.96	0.95	0.01	0.01	0.52	0.54	0.01	0.14	0.16	—	1,884	1,884	0.09	0.26	0.12	1,963
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.42	0.36	0.44	5.68	0.00	0.00	1.65	1.65	0.00	0.39	0.39	—	1,583	1,583	0.02	0.06	2.25	1,604
Vendor	0.07	0.02	0.86	0.41	0.01	0.01	0.23	0.23	0.01	0.06	0.07	—	826	826	0.04	0.11	0.85	861
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.08	0.07	0.08	1.04	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	262	262	< 0.005	0.01	0.37	265
Vendor	0.01	< 0.005	0.16	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	137	137	0.01	0.02	0.14	143
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.9. P2 Paving (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	0.49	0.43	6.21	9.35	0.01	0.10	—	0.10	0.09	—	0.09	—	1,350	1,350	0.05	0.01	—	1,355
Paving	0.05	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.49	0.43	6.21	9.35	0.01	0.10	—	0.10	0.09	—	0.09	—	1,350	1,350	0.05	0.01	—	1,355
Paving	0.05	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.09	0.08	1.19	1.79	< 0.005	0.02	—	0.02	0.02	—	0.02	—	259	259	0.01	< 0.005	—	260
Paving	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.02	0.02	0.22	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	42.9	42.9	< 0.005	< 0.005	—	43.0
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.06	0.99	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	256	256	< 0.005	0.01	0.81	260
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	61.6	61.6	< 0.005	0.01	0.15	64.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.06	0.85	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	244	244	< 0.005	0.01	0.02	247
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	61.6	61.6	< 0.005	0.01	< 0.005	64.2
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.17	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	47.4	47.4	< 0.005	< 0.005	0.07	48.0
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.8	11.8	< 0.005	< 0.005	0.01	12.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.84	7.84	< 0.005	< 0.005	0.01	7.95
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.96	1.96	< 0.005	< 0.005	< 0.005	2.04
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.10. P2 Paving (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	0.24	0.23	2.94	9.35	0.01	0.05	—	0.05	0.05	—	0.05	—	1,350	1,350	0.05	0.01	—	1,355
Paving	0.05	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.24	0.23	2.94	9.35	0.01	0.05	—	0.05	0.05	—	0.05	—	1,350	1,350	0.05	0.01	—	1,355
Paving	0.05	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.05	0.04	0.56	1.79	< 0.005	0.01	—	0.01	0.01	—	0.01	—	259	259	0.01	< 0.005	—	260
Paving	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.01	0.01	0.10	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	42.9	42.9	< 0.005	< 0.005	—	43.0
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.06	0.99	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	256	256	< 0.005	0.01	0.81	260
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	61.6	61.6	< 0.005	0.01	0.15	64.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.06	0.85	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	244	244	< 0.005	0.01	0.02	247
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	61.6	61.6	< 0.005	0.01	< 0.005	64.2
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.17	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	47.4	47.4	< 0.005	< 0.005	0.07	48.0
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.8	11.8	< 0.005	< 0.005	0.01	12.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.84	7.84	< 0.005	< 0.005	0.01	7.95
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.96	1.96	< 0.005	< 0.005	< 0.005	2.04
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.11. P2 Architectural Coating (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	0.15	0.12	0.86	1.13	< 0.005	0.02	—	0.02	0.02	—	0.02	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	3.36	3.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.01	0.09	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	14.4	14.4	< 0.005	< 0.005	—	14.4
Architectural Coatings	0.36	0.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.38	2.38	< 0.005	< 0.005	—	2.39

Architectural	0.07	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.20	0.20	0.20	2.66	0.00	0.00	0.76	0.76	0.00	0.18	0.18	—	725	725	0.01	0.03	0.07	733
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.30	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	79.1	79.1	< 0.005	< 0.005	0.12	80.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13.1	13.1	< 0.005	< 0.005	0.02	13.3
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

### 3.12. P2 Architectural Coating (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	0.02	0.02	0.65	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	3.36	3.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.07	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	14.4	14.4	< 0.005	< 0.005	—	14.4
Architectural Coatings	0.36	0.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	—	2.38	2.38	< 0.005	< 0.005	—	2.39
Architectural Coatings	0.07	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.20	0.20	0.20	2.66	0.00	0.00	0.76	0.76	0.00	0.18	0.18	—	725	725	0.01	0.03	0.07	733
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.30	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	79.1	79.1	< 0.005	< 0.005	0.12	80.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13.1	13.1	< 0.005	< 0.005	0.02	13.3
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

### 3.13. P2 Architectural Coating (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	0.14	0.11	0.83	1.13	< 0.005	0.02	—	0.02	0.02	—	0.02	—	134	134	0.01	< 0.005	—	134

Architectural Coating	3.36	3.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.14	0.11	0.83	1.13	< 0.005	0.02	—	0.02	0.02	—	0.02	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	3.36	3.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.21	0.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	34.0	34.0	< 0.005	< 0.005	—	34.1
Architectural Coatings	0.86	0.86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.01	0.01	0.04	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.62	5.62	< 0.005	< 0.005	—	5.64

Architectural Coatings	0.16	0.16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.19	0.17	0.18	2.89	0.00	0.00	0.76	0.76	0.00	0.18	0.18	—	749	749	0.01	0.03	2.37	759
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	0.19	0.17	0.18	2.49	0.00	0.00	0.76	0.76	0.00	0.18	0.18	—	712	712	0.01	0.03	0.06	721
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	0.05	0.04	0.05	0.66	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	184	184	< 0.005	0.01	0.26	186
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.12	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	30.4	30.4	< 0.005	< 0.005	0.04	30.8
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.14. P2 Architectural Coating (2027) - Mitigated

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

A-230

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.65	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	3.36	3.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.02	0.02	0.65	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	3.36	3.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.16	0.25	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	34.0	34.0	< 0.005	< 0.005	—	34.1
Architectural Coatings	0.86	0.86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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	0.03	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.62	5.62	< 0.005	< 0.005	—	5.64
Architectural Coatings	0.16	0.16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.19	0.17	0.18	2.89	0.00	0.00	0.76	0.76	0.00	0.18	0.18	—	749	749	0.01	0.03	2.37	759
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	0.19	0.17	0.18	2.49	0.00	0.00	0.76	0.76	0.00	0.18	0.18	—	712	712	0.01	0.03	0.06	721
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	0.05	0.04	0.05	0.66	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	184	184	< 0.005	0.01	0.26	186
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.12	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	30.4	30.4	< 0.005	< 0.005	0.04	30.8

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

### 3.15. P2 Finishing and Landscaping (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	0.09	0.09	2.45	3.74	< 0.005	0.06	—	0.06	0.05	—	0.05	—	535	535	0.02	< 0.005	—	537
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	0.09	0.09	2.45	3.74	< 0.005	0.06	—	0.06	0.05	—	0.05	—	535	535	0.02	< 0.005	—	537
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	0.82	1.25	< 0.005	0.02	—	0.02	0.02	—	0.02	—	179	179	0.01	< 0.005	—	180
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	0.15	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	29.6	29.6	< 0.005	< 0.005	—	29.7
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	0.02	0.01	0.01	0.25	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	64.0	64.0	< 0.005	< 0.005	0.20	64.9
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	0.02	0.01	0.02	0.21	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	60.9	60.9	< 0.005	< 0.005	0.01	61.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.01	0.07	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	20.6	20.6	< 0.005	< 0.005	0.03	20.9
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	—	3.42	3.42	< 0.005	< 0.005	< 0.005	3.46
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. P2 Finishing and Landscaping (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	—	—	—	—	—	—	—	—	A-234	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.07	1.41	3.74	< 0.005	0.01	—	0.01	0.01	—	0.01	—	535	535	0.02	< 0.005	—	537
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	0.07	0.07	1.41	3.74	< 0.005	0.01	—	0.01	0.01	—	0.01	—	535	535	0.02	< 0.005	—	537
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	0.47	1.25	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	179	179	0.01	< 0.005	—	180
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	0.09	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	29.6	29.6	< 0.005	< 0.005	—	29.7
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

A-235

Worker	0.02	0.01	0.01	0.25	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	64.0	64.0	< 0.005	< 0.005	0.20	64.9
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	0.02	0.01	0.02	0.21	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	60.9	60.9	< 0.005	< 0.005	0.01	61.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.01	0.07	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	20.6	20.6	< 0.005	< 0.005	0.03	20.9
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	—	3.42	3.42	< 0.005	< 0.005	< 0.005	3.46
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. P2 Crane (2025) - Unmitigated

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

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

Off-Road Equipm	0.10	0.10	2.12	4.27	0.01	0.02	—	0.02	0.02	—	0.02	—	867	867	0.04	0.01	—	870
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	0.20	0.40	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	81.4	81.4	< 0.005	< 0.005	—	81.7
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	0.04	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.5	13.5	< 0.005	< 0.005	—	13.5
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	0.01	0.01	0.01	0.12	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	31.6	31.6	< 0.005	< 0.005	< 0.005	31.9
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.01	3.01	< 0.005	< 0.005	0.01	3.05
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.50	0.50	< 0.005	< 0.005	< 0.005	0.50
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. P2 Crane (2025) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.08	0.43	4.27	0.01	0.02	—	0.02	0.02	—	0.02	—	867	867	0.04	0.01	—	870
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.04	0.40	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	81.4	81.4	< 0.005	< 0.005	—	81.7
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	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.5	13.5	< 0.005	< 0.005	—	13.5

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	0.01	0.01	0.01	0.12	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	31.6	31.6	< 0.005	< 0.005	< 0.005	31.9
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.01	3.01	< 0.005	< 0.005	0.01	3.05
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.50	0.50	< 0.005	< 0.005	< 0.005	0.50
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. P2 Crane (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	0.10	0.10	2.12	4.27	0.01	0.02	—	0.02	0.02	—	0.02	—	866	866	0.04	0.01	—	869
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	0.15	0.30	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	61.0	61.0	< 0.005	< 0.005	—	61.2
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	0.03	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.1	10.1	< 0.005	< 0.005	—	10.1
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	31.0	31.0	< 0.005	< 0.005	< 0.005	31.3
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.21	2.21	< 0.005	< 0.005	< 0.005	2.24
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.37	0.37	< 0.005	< 0.005	< 0.005	0.37
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. P2 Crane (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	0.08	0.08	0.43	4.27	0.01	0.02	—	0.02	0.02	—	0.02	—	866	866	0.04	0.01	—	869
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	0.03	0.30	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	61.0	61.0	< 0.005	< 0.005	—	61.2
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	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.1	10.1	< 0.005	< 0.005	—	10.1

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	31.0	31.0	< 0.005	< 0.005	< 0.005	31.3	
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	
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.21	2.21	< 0.005	< 0.005	< 0.005	2.24	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.37	0.37	< 0.005	< 0.005	< 0.005	0.37	
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	

### 3.21. P2 Utility Trenching (2025) - Unmitigated

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

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

Off-Road Equipment	0.20	0.18	3.28	4.76	0.01	0.08	—	0.08	0.08	—	0.08	—	677	677	0.03	0.01	—	679
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.15	0.15	< 0.005	0.02	0.02	—	3.04	3.04	< 0.005	< 0.005	< 0.005	3.20
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.18	0.26	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	37.1	37.1	< 0.005	< 0.005	—	37.2
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.17	0.17	< 0.005	< 0.005	< 0.005	0.17
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.14	6.14	< 0.005	< 0.005	—	6.16
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.03	0.03	< 0.005	< 0.005	< 0.005	0.03
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.36	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	94.7	94.7	< 0.005	< 0.005	0.01	95.8
Vendor	0.01	< 0.005	0.14	0.07	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	128	128	0.01	0.02	0.01	133
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.26	5.26	< 0.005	< 0.005	0.01	5.33
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.99	6.99	< 0.005	< 0.005	0.01	7.30
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.87	0.87	< 0.005	< 0.005	< 0.005	0.88
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.16	1.16	< 0.005	< 0.005	< 0.005	1.21
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.22. P2 Utility Trenching (2025) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	2.08	4.73	0.01	0.01	—	0.01	0.01	—	0.01	—	677	677	0.03	0.01	—	679
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	3.04	3.04	< 0.005	< 0.005	< 0.005	3.20
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.11	0.26	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	37.1	37.1	< 0.005	< 0.005	—	37.2
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.17	0.17	< 0.005	< 0.005	< 0.005	0.17
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.14	6.14	< 0.005	< 0.005	—	6.16

Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.03	0.03	< 0.005	< 0.005	< 0.005	0.03
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.36	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	94.7	94.7	< 0.005	< 0.005	0.01	95.8
Vendor	0.01	< 0.005	0.14	0.07	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	128	128	0.01	0.02	0.01	133
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.26	5.26	< 0.005	< 0.005	0.01	5.33
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.99	6.99	< 0.005	< 0.005	0.01	7.30
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.87	0.87	< 0.005	< 0.005	< 0.005	0.88
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.16	1.16	< 0.005	< 0.005	< 0.005	1.21
Hauling	0.00	0.00	0.00	0.00	0.00	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
P2 Fine Grading	Grading	8/1/2025	10/16/2025	5.00	55.0	—
P2 Building Construction	Building Construction	11/14/2025	8/12/2027	5.00	455	—
P2 Paving	Paving	8/13/2027	11/18/2027	5.00	70.0	—
P2 Architectural Coating	Architectural Coating	11/7/2026	5/10/2027 <sub>A-245</sub>	5.00	131	—

P2 Finishing and Landscaping	Trenching	6/1/2027	11/17/2027	5.00	122	—
P2 Crane	Trenching	11/14/2025	2/5/2026	5.00	60.0	—
P2 Utility Trenching	Trenching	10/17/2025	11/13/2025	5.00	20.0	—

## 5.2. Off-Road Equipment

### 5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
P2 Fine Grading	Graders	Diesel	Tier 4 Interim	1.00	8.00	148	0.41
P2 Fine Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
P2 Fine Grading	Tractors/Loaders/Back hoes	Diesel	Tier 4 Interim	3.00	8.00	84.0	0.37
P2 Fine Grading	Rubber Tired Dozers	Diesel	Tier 4 Interim	1.00	8.00	367	0.40
P2 Building Construction	Forklifts	Diesel	Tier 4 Interim	3.00	8.00	82.0	0.20
P2 Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
P2 Building Construction	Tractors/Loaders/Back hoes	Diesel	Tier 4 Interim	3.00	7.00	84.0	0.37
P2 Paving	Tractors/Loaders/Back hoes	Diesel	Tier 4 Interim	1.00	8.00	84.0	0.37
P2 Paving	Cement and Mortar Mixers	Diesel	Average	2.00	6.00	10.0	0.56
P2 Paving	Pavers	Diesel	Tier 4 Interim	1.00	8.00	81.0	0.42
P2 Paving	Paving Equipment	Diesel	Tier 4 Interim	2.00	6.00	89.0	0.36
P2 Paving	Rollers	Diesel	Average	2.00	6.00	36.0	0.38
P2 Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48
P2 Finishing and Landscaping	Skid Steer Loaders	Diesel	Tier 4 Interim	1.00	8.00	71.0	0.37

P2 Finishing and Landscaping	Tractors/Loaders/Back hoes	Diesel	Tier 4 Interim	1.00	8.00	84.0	0.37
P2 Crane	Cranes	Diesel	Tier 4 Interim	1.00	7.00	367	0.29
P2 Utility Trenching	Tractors/Loaders/Back hoes	Diesel	Tier 4 Interim	1.00	8.00	84.0	0.37
P2 Utility Trenching	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
P2 Utility Trenching	Skid Steer Loaders	Diesel	Tier 4 Interim	1.00	8.00	71.0	0.37

### 5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
P2 Fine Grading	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
P2 Fine Grading	Excavators	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
P2 Fine Grading	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	3.00	8.00	84.0	0.37
P2 Fine Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
P2 Building Construction	Forklifts	Diesel	Tier 4 Final	3.00	8.00	82.0	0.20
P2 Building Construction	Welders	Diesel	Tier 4 Final	1.00	8.00	46.0	0.45
P2 Building Construction	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	3.00	7.00	84.0	0.37
P2 Paving	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
P2 Paving	Cement and Mortar Mixers	Diesel	Average	2.00	6.00	10.0	0.56
P2 Paving	Pavers	Diesel	Tier 4 Final	1.00	8.00	81.0	0.42
P2 Paving	Paving Equipment	Diesel	Tier 4 Interim	1.00	6.00	89.0	0.36
P2 Paving	Paving Equipment	Diesel	Tier 4 Final	1.00	6.00	89.0	0.36
P2 Paving	Rollers	Diesel	Tier 4 Final	2.00	6.00	36.0	0.38
P2 Architectural Coating	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	37.0	0.48

P2 Finishing and Landscaping	Skid Steer Loaders	Diesel	Tier 4 Final	1.00	8.00	71.0	0.37
P2 Finishing and Landscaping	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
P2 Crane	Cranes	Diesel	Tier 4 Final	1.00	7.00	367	0.29
P2 Utility Trenching	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
P2 Utility Trenching	Excavators	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
P2 Utility Trenching	Skid Steer Loaders	Diesel	Tier 4 Final	1.00	8.00	71.0	0.37

## 5.3. Construction Vehicles

### 5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
P2 Fine Grading	—	—	—	—
P2 Fine Grading	Worker	15.0	18.5	LDA,LDT1,LDT2
P2 Fine Grading	Vendor	17.0	10.2	HHDT,MHDT
P2 Fine Grading	Hauling	0.00	20.0	HHDT
P2 Fine Grading	Onsite truck	1.00	2.06	HHDT
P2 Building Construction	—	—	—	—
P2 Building Construction	Worker	292	18.5	LDA,LDT1,LDT2
P2 Building Construction	Vendor	61.2	10.2	HHDT,MHDT
P2 Building Construction	Hauling	0.00	20.0	HHDT
P2 Building Construction	Onsite truck	0.00	—	HHDT
P2 Paving	—	—	—	—
P2 Paving	Worker	20.0	18.5	LDA,LDT1,LDT2
P2 Paving	Vendor	2.00	10.2	HHDT,MHDT
P2 Paving	Hauling	0.00	20.0	HHDT
P2 Paving	Onsite truck	0.00	—	HHDT

P2 Architectural Coating	—	—	—	—
P2 Architectural Coating	Worker	58.5	18.5	LDA,LDT1,LDT2
P2 Architectural Coating	Vendor	0.00	10.2	HHDT,MHDT
P2 Architectural Coating	Hauling	0.00	20.0	HHDT
P2 Architectural Coating	Onsite truck	0.00	—	HHDT
P2 Finishing and Landscaping	—	—	—	—
P2 Finishing and Landscaping	Worker	5.00	18.5	LDA,LDT1,LDT2
P2 Finishing and Landscaping	Vendor	0.00	10.2	HHDT,MHDT
P2 Finishing and Landscaping	Hauling	0.00	20.0	HHDT
P2 Finishing and Landscaping	Onsite truck	0.00	—	HHDT
P2 Crane	—	—	—	—
P2 Crane	Worker	2.50	18.5	LDA,LDT1,LDT2
P2 Crane	Vendor	0.00	10.2	HHDT,MHDT
P2 Crane	Hauling	0.00	20.0	HHDT
P2 Crane	Onsite truck	0.00	—	HHDT
P2 Utility Trenching	—	—	—	—
P2 Utility Trenching	Worker	7.50	18.5	LDA,LDT1,LDT2
P2 Utility Trenching	Vendor	4.00	10.2	HHDT,MHDT
P2 Utility Trenching	Hauling	0.00	20.0	HHDT
P2 Utility Trenching	Onsite truck	1.00	0.41	HHDT

### 5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
P2 Fine Grading	—	—	—	—
P2 Fine Grading	Worker	15.0	18.5	LDA,LDT1,LDT2
P2 Fine Grading	Vendor	17.0	10.2	HHDT,MHDT
P2 Fine Grading	Hauling	0.00	20.0	HHDT
P2 Fine Grading	Onsite truck	1.00	2.06	HHDT

P2 Building Construction	—	—	—	—
P2 Building Construction	Worker	292	18.5	LDA,LDT1,LDT2
P2 Building Construction	Vendor	61.2	10.2	HHDT,MHDT
P2 Building Construction	Hauling	0.00	20.0	HHDT
P2 Building Construction	Onsite truck	0.00	—	HHDT
P2 Paving	—	—	—	—
P2 Paving	Worker	20.0	18.5	LDA,LDT1,LDT2
P2 Paving	Vendor	2.00	10.2	HHDT,MHDT
P2 Paving	Hauling	0.00	20.0	HHDT
P2 Paving	Onsite truck	0.00	—	HHDT
P2 Architectural Coating	—	—	—	—
P2 Architectural Coating	Worker	58.5	18.5	LDA,LDT1,LDT2
P2 Architectural Coating	Vendor	0.00	10.2	HHDT,MHDT
P2 Architectural Coating	Hauling	0.00	20.0	HHDT
P2 Architectural Coating	Onsite truck	0.00	—	HHDT
P2 Finishing and Landscaping	—	—	—	—
P2 Finishing and Landscaping	Worker	5.00	18.5	LDA,LDT1,LDT2
P2 Finishing and Landscaping	Vendor	0.00	10.2	HHDT,MHDT
P2 Finishing and Landscaping	Hauling	0.00	20.0	HHDT
P2 Finishing and Landscaping	Onsite truck	0.00	—	HHDT
P2 Crane	—	—	—	—
P2 Crane	Worker	2.50	18.5	LDA,LDT1,LDT2
P2 Crane	Vendor	0.00	10.2	HHDT,MHDT
P2 Crane	Hauling	0.00	20.0	HHDT
P2 Crane	Onsite truck	0.00	—	HHDT
P2 Utility Trenching	—	—	—	—
P2 Utility Trenching	Worker	7.50	18.5	LDA,LDT1,LDT2
P2 Utility Trenching	Vendor	4.00	10.2	HHDT,MHDT

P2 Utility Trenching	Hauling	0.00	20.0	HHDT
P2 Utility Trenching	Onsite truck	1.00	0.41	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)
P2 Architectural Coating	707,387	235,796	1,568	174	5,516

## 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)
P2 Fine Grading	0.00	0.00	55.0	0.00	—
P2 Paving	0.00	0.00	0.00	0.00	2.11

### 5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%

## 5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Apartments Mid Rise	—	0%
Enclosed Parking with Elevator	0.80	100%
Other Asphalt Surfaces	0.42	100%
Other Non-Asphalt Surfaces	0.89	0%

## 5.8. Construction Electricity Consumption and Emissions Factors

### kWh per Year and Emission Factor (lb/MWh)

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

## 8. User Changes to Default Data

Screen	Justification
Land Use	Based on applicant info., see assumptions file
Construction: Architectural Coatings	Applies Mitigation Measure AQ-1 for super compliant paints according to South Coast AQMD.
Construction: Construction Phases	Based on applicant info., see assumptions file
Construction: Off-Road Equipment	Tier 4-Interim equipment per Mitigation Measure AQ-1. Equipment for Finishing and Landscaping and Utility Trenching from recent residential development project. Assume default duration of crane operation for 12 weeks duration based on previous development projects, see assumptions file.

# **CalEEMod Unmitigated and Mitigated Construction Model P3**

# Euclid and Heil P3 Senior Housing Custom Report

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# 1. Basic Project Information

## 1.1. Basic Project Information

Data Field	Value
Project Name	Euclid and Heil P3 Senior Housing
Construction Start Date	8/1/2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	19.2
Location	16300 Euclid St, Fountain Valley, CA 92708, USA
County	Orange
City	Fountain Valley
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5845
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.29

## 1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Retirement Community	83.0	Dwelling Unit	0.72	112,646	3,100	0.00	247	—

Enclosed Parking with Elevator	26.2	1000sqft	0.00	26,200	0.00	0.00	—	—
Other Asphalt Surfaces	4.82	1000sqft	0.11	0.00	0.00	0.00	—	—
Other Non-Asphalt Surfaces	6.34	1000sqft	0.15	0.00	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-9	Use Dust Suppressants

## 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.	1.66	1.57	5.87	13.4	0.02	0.04	2.13	2.17	0.04	0.86	0.89	—	2,919	2,919	0.09	0.11	4.42	2,957
Mit.	1.50	1.44	1.70	13.4	0.02	0.04	1.83	1.86	0.04	0.83	0.86	—	2,919	2,919	0.09	0.11	4.42	2,957
% Reduced	10%	9%	71%	—	—	—	14%	14%	—	4%	3%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.66	1.57	6.74	12.8	0.02	0.15	2.13	2.17	0.14	0.86	0.89	—	2,673	2,673	0.09	0.10	0.11	2,706
Mit.	1.50	1.43	3.63	12.8	0.02	0.07	1.83	1.86	0.07	0.83	0.86	—	2,673	2,673	0.09	0.10	0.11	2,706
% Reduced	10%	9%	46%	—	—	51%	14%	14%	50% A-258	4%	3%	—	—	—	—	—	—	—

Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.75	0.69	3.49	7.52	0.01	0.03	0.78	0.81	0.03	0.19	0.21	—	1,655	1,655	0.05	0.07	1.25	1,678
Mit.	0.67	0.62	1.24	7.46	0.01	0.02	0.78	0.80	0.02	0.19	0.20	—	1,655	1,655	0.05	0.07	1.25	1,678
% Reduced	11%	10%	64%	1%	—	44%	—	2%	42%	—	6%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.14	0.13	0.64	1.37	< 0.005	0.01	0.14	0.15	0.01	0.03	0.04	—	274	274	0.01	0.01	0.21	278
Mit.	0.12	0.11	0.23	1.36	< 0.005	< 0.005	0.14	0.15	< 0.005	0.03	0.04	—	274	274	0.01	0.01	0.21	278
% Reduced	11%	10%	64%	1%	—	44%	—	2%	42%	—	6%	—	—	—	—	—	—	—

## 2.2. Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.29	0.27	5.87	11.0	0.02	0.04	2.13	2.17	0.04	0.86	0.89	—	2,241	2,241	0.09	0.06	1.17	2,262
2026	0.49	0.46	5.75	13.4	0.02	0.03	1.07	1.10	0.03	0.26	0.29	—	2,919	2,919	0.09	0.11	4.38	2,957
2027	1.66	1.57	4.78	11.2	0.01	0.04	1.22	1.26	0.04	0.29	0.33	—	2,435	2,435	0.07	0.10	4.42	2,472
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.29	0.27	5.89	10.9	0.02	0.08	2.13	2.17	0.08	0.86	0.89	—	2,237	2,237	0.09	0.06	0.03	2,257
2026	0.40	0.37	3.97	9.09	0.01	0.02	1.04	1.06	0.02	0.25	0.27	—	2,100	2,100	0.07	0.10	0.11	2,131
2027	1.66	1.57	6.74	12.8	0.02	0.15	1.22	1.26	0.14	0.29	0.33	—	2,673	2,673	0.09	0.10	0.11	2,706
2028	0.57	0.50	6.72	10.2	0.01	0.14	0.31	0.45	0.13	0.07	0.21	—	1,688	1,688	0.06	0.03	0.02	1,698
Average Daily	—	—	—	—	—	—	—	—	—	A-259	—	—	—	—	—	—	—	—

2025	0.06	0.05	1.08	1.93	< 0.005	0.01	0.33	0.34	0.01	0.13	0.14	—	387	387	0.02	0.01	0.09	390
2026	0.22	0.20	2.32	5.31	0.01	0.01	0.53	0.54	0.01	0.13	0.14	—	1,202	1,202	0.04	0.05	0.95	1,219
2027	0.75	0.69	3.49	7.52	0.01	0.03	0.78	0.81	0.03	0.19	0.21	—	1,655	1,655	0.05	0.07	1.25	1,678
2028	0.05	0.05	0.65	0.99	< 0.005	0.01	0.03	0.04	0.01	0.01	0.02	—	164	164	0.01	< 0.005	0.04	165
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.01	0.01	0.20	0.35	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.03	—	64.0	64.0	< 0.005	< 0.005	0.02	64.6
2026	0.04	0.04	0.42	0.97	< 0.005	< 0.005	0.10	0.10	< 0.005	0.02	0.03	—	199	199	0.01	0.01	0.16	202
2027	0.14	0.13	0.64	1.37	< 0.005	0.01	0.14	0.15	0.01	0.03	0.04	—	274	274	0.01	0.01	0.21	278
2028	0.01	0.01	0.12	0.18	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	27.1	27.1	< 0.005	< 0.005	0.01	27.2

### 2.3. Construction Emissions by Year, Mitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.23	0.21	1.25	11.0	0.02	0.04	1.83	1.86	0.04	0.83	0.86	—	2,241	2,241	0.09	0.06	1.17	2,262
2026	0.43	0.40	1.41	13.4	0.02	0.03	1.07	1.10	0.03	0.26	0.29	—	2,919	2,919	0.09	0.11	4.38	2,957
2027	1.50	1.44	1.70	11.0	0.01	0.02	1.22	1.24	0.02	0.29	0.31	—	2,435	2,435	0.07	0.10	4.42	2,472
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.23	0.21	2.26	10.9	0.02	0.04	1.83	1.86	0.04	0.83	0.86	—	2,237	2,237	0.09	0.06	0.03	2,257
2026	0.35	0.32	1.08	9.09	0.01	0.02	1.04	1.06	0.02	0.25	0.27	—	2,100	2,100	0.07	0.10	0.11	2,131
2027	1.50	1.43	3.63	12.8	0.02	0.07	1.22	1.24	0.07	0.29	0.31	—	2,673	2,673	0.09	0.10	0.11	2,706
2028	0.42	0.37	3.63	10.2	0.01	0.07	0.31	0.38	0.07	0.07	0.14	—	1,688	1,688	0.06	0.03	0.02	1,698
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.04	0.04	0.31	1.93	< 0.005	0.01	0.28	0.29	0.01	0.13	0.13	—	387	387	0.02	0.01	0.09	390
2026	0.19	0.18	0.61	5.31	0.01	0.01	0.53	0.54	0.01	0.13	0.14	—	1,202	1,202	0.04	0.05	0.95	1,219

2027	0.67	0.62	1.24	7.46	0.01	0.02	0.78	0.80	0.02	0.19	0.20	—	1,655	1,655	0.05	0.07	1.25	1,678
2028	0.04	0.04	0.35	0.99	< 0.005	0.01	0.03	0.04	0.01	0.01	0.01	—	164	164	0.01	< 0.005	0.04	165
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.01	0.01	0.06	0.35	< 0.005	< 0.005	0.05	0.05	< 0.005	0.02	0.02	—	64.0	64.0	< 0.005	< 0.005	0.02	64.6
2026	0.04	0.03	0.11	0.97	< 0.005	< 0.005	0.10	0.10	< 0.005	0.02	0.03	—	199	199	0.01	0.01	0.16	202
2027	0.12	0.11	0.23	1.36	< 0.005	< 0.005	0.14	0.15	< 0.005	0.03	0.04	—	274	274	0.01	0.01	0.21	278
2028	0.01	0.01	0.06	0.18	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	27.1	27.1	< 0.005	< 0.005	0.01	27.2

### 3. Construction Emissions Details

#### 3.1. P3 Fine Grading (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.23	0.23	5.53	10.4	0.02	0.03	—	0.03	0.03	—	0.03	—	1,850	1,850	0.08	0.02	—	1,856
Dust From Material Movement	—	—	—	—	—	—	1.59	1.59	—	0.78	0.78	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.36	0.36	< 0.005	0.04	0.04	—	4.95	4.95	< 0.005	< 0.005	0.01	5.23
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.23	0.23	5.53	10.4	0.02	0.03	—	0.03	0.03	—	0.03	—	1,850	1,850	0.08	0.02	—	1,856
Dust From Material Movement	—	—	—	—	—	—	1.59	1.59	—	0.78	0.78	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.36	0.36	< 0.005	0.04	0.04	—	4.98	4.98	< 0.005	< 0.005	< 0.005	5.24
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.83	1.56	< 0.005	0.01	—	0.01	0.01	—	0.01	—	279	279	0.01	< 0.005	—	280
Dust From Material Movement	—	—	—	—	—	—	0.24	0.24	—	0.12	0.12	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	0.75	0.75	< 0.005	< 0.005	< 0.005	0.79
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.15	0.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	46.1	46.1	< 0.005	< 0.005	—	46.3
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.12	0.12	< 0.005	< 0.005	< 0.005	0.13
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.03	0.03	0.03	0.42	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	99.6	99.6	< 0.005	< 0.005	0.38	101
Vendor	0.02	0.01	0.30	0.15	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	287	287	0.02	0.04	0.78	300
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.36	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	94.7	94.7	< 0.005	< 0.005	0.01	95.8
Vendor	0.02	0.01	0.31	0.15	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	287	287	0.02	0.04	0.02	299
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.01	0.01	0.00	< 0.005	< 0.005	—	14.5	14.5	< 0.005	< 0.005	0.02	14.7
Vendor	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	43.2	43.2	< 0.005	0.01	0.05	45.1
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.40	2.40	< 0.005	< 0.005	< 0.005	2.43
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.16	7.16	< 0.005	< 0.005	0.01	7.47
Hauling	0.00	0.00	0.00	0.00	0.00	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. P3 Fine Grading (2025) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.17	0.90	10.4	0.02	0.03	—	0.03	0.03	—	0.03	—	1,850	1,850	0.08	0.02	—	1,856

Dust From Material Movement	—	—	—	—	—	—	1.59	1.59	—	0.78	0.78	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.06	0.06	< 0.005	0.01	0.01	—	4.95	4.95	< 0.005	< 0.005	0.01	5.23
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.17	0.90	10.4	0.02	0.03	—	0.03	0.03	—	0.03	—	1,850	1,850	0.08	0.02	—	1,856
Dust From Material Movement	—	—	—	—	—	—	1.59	1.59	—	0.78	0.78	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.06	0.06	< 0.005	0.01	0.01	—	4.98	4.98	< 0.005	< 0.005	< 0.005	5.24
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.14	1.56	< 0.005	0.01	—	0.01	0.01	—	0.01	—	279	279	0.01	< 0.005	—	280
Dust From Material Movement	—	—	—	—	—	—	0.24	0.24	—	0.12	0.12	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.75	0.75	< 0.005	< 0.005	< 0.005	0.79
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	46.1	46.1	< 0.005	< 0.005	—	46.3

Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.12	0.12	< 0.005	< 0.005	< 0.005	0.13
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.42	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	99.6	99.6	< 0.005	< 0.005	0.38	101
Vendor	0.02	0.01	0.30	0.15	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	287	287	0.02	0.04	0.78	300
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.36	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	94.7	94.7	< 0.005	< 0.005	0.01	95.8
Vendor	0.02	0.01	0.31	0.15	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	287	287	0.02	0.04	0.02	299
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.01	0.01	0.00	< 0.005	< 0.005	—	14.5	14.5	< 0.005	< 0.005	0.02	14.7
Vendor	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	43.2	43.2	< 0.005	0.01	0.05	45.1
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.40	2.40	< 0.005	< 0.005	< 0.005	2.43
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.16	7.16	< 0.005	< 0.005	0.01	7.47
Hauling	0.00	0.00	0.00	0.00	0.00	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. P3 Building Construction (2026) - Unmitigated

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

A-265

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.12	3.29	5.66	0.01	0.02	—	0.02	0.02	—	0.02	—	809	809	0.03	0.01	—	812
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.12	3.29	5.66	0.01	0.02	—	0.02	0.02	—	0.02	—	809	809	0.03	0.01	—	812
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	1.67	2.88	< 0.005	0.01	—	0.01	0.01	—	0.01	—	412	412	0.02	< 0.005	—	413
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	0.31	0.53	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	68.2	68.2	< 0.005	< 0.005	—	68.4
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	0.24	0.24	0.22	3.73	0.00	0.00	0.92	0.92	0.00	0.22	0.22	—	921	921	0.01	0.03	3.20	935
Vendor	0.03	0.01	0.42	0.21	< 0.005	< 0.005	0.11	0.12	< 0.005	0.03	0.03	—	413	413	0.02	0.06	1.07	432
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.24	0.24	0.25	3.22	0.00	0.00	0.92	0.92	0.00	0.22	0.22	—	877	877	0.01	0.03	0.08	887
Vendor	0.03	0.01	0.44	0.22	< 0.005	< 0.005	0.11	0.12	< 0.005	0.03	0.03	—	413	413	0.02	0.06	0.03	431
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.12	0.12	0.13	1.70	0.00	0.00	0.46	0.46	0.00	0.11	0.11	—	452	452	0.01	0.02	0.70	458
Vendor	0.02	< 0.005	0.22	0.11	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	210	210	0.01	0.03	0.23	220
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.31	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	74.9	74.9	< 0.005	< 0.005	0.12	75.9
Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	34.8	34.8	< 0.005	< 0.005	0.04	36.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.4. P3 Building Construction (2026) - Mitigated

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

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

Off-Road Equipm	0.08	0.08	0.40	5.66	0.01	0.02	—	0.02	0.02	—	0.02	—	809	809	0.03	0.01	—	812
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	0.08	0.08	0.40	5.66	0.01	0.02	—	0.02	0.02	—	0.02	—	809	809	0.03	0.01	—	812
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	0.20	2.88	< 0.005	0.01	—	0.01	0.01	—	0.01	—	412	412	0.02	< 0.005	—	413
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	0.53	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	68.2	68.2	< 0.005	< 0.005	—	68.4
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	0.24	0.24	0.22	3.73	0.00	0.00	0.92	0.92	0.00	0.22	0.22	—	921	921	0.01	0.03	3.20	935
Vendor	0.03	0.01	0.42	0.21	< 0.005	< 0.005	0.11	0.12	< 0.005	0.03	0.03	—	413	413	0.02	0.06	1.07	432
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.24	0.24	0.25	3.22	0.00	0.00	0.92	0.92	0.00	0.22	0.22	—	877	877	0.01	0.03	0.08	887
Vendor	0.03	0.01	0.44	0.22	< 0.005	< 0.005	0.11	0.12	< 0.005	0.03	0.03	—	413	413	0.02	0.06	0.03	431
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.12	0.12	0.13	1.70	0.00	0.00	0.46	0.46	0.00	0.11	0.11	—	452	452	0.01	0.02	0.70	458
Vendor	0.02	< 0.005	0.22	0.11	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	210	210	0.01	0.03	0.23	220
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.31	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	74.9	74.9	< 0.005	< 0.005	0.12	75.9
Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	34.8	34.8	< 0.005	< 0.005	0.04	36.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.5. P3 Building Construction (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.12	3.29	5.66	0.01	0.02	—	0.02	0.02	—	0.02	—	809	809	0.03	0.01	—	812
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.12	0.12	3.29	5.66	0.01	0.02	—	0.02	0.02	—	0.02	—	809	809	0.03	0.01	—	812
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	0.08	0.08	2.25	3.88	0.01	0.01	—	0.01	0.01	—	0.01	—	554	554	0.02	< 0.005	—	556
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	0.41	0.71	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	91.8	91.8	< 0.005	< 0.005	—	92.1
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.24	0.20	0.21	3.50	0.00	0.00	0.92	0.92	0.00	0.22	0.22	—	906	906	0.01	0.03	2.87	919
Vendor	0.03	0.01	0.40	0.20	< 0.005	< 0.005	0.11	0.12	< 0.005	0.03	0.03	—	405	405	0.02	0.06	0.97	423
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.24	0.20	0.22	3.01	0.00	0.00	0.92	0.92	0.00	0.22	0.22	—	862	862	0.01	0.03	0.07	873
Vendor	0.03	0.01	0.42	0.21	< 0.005	< 0.005	0.11	0.12	< 0.005	0.03	0.03	—	406	406	0.02	0.06	0.03	423
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.16	0.14	0.17	2.15	0.00	0.00	0.63	0.63	0.00	0.15	0.15	—	599	599	0.01	0.02	0.85	607
Vendor	0.02	0.01	0.29	0.14	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	278	278	0.01	0.04	0.29	290
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.03	0.03	0.03	0.39	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	99.1	99.1	< 0.005	< 0.005	0.14	100
Vendor	< 0.005	< 0.005	0.05	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	46.0	46.0	< 0.005	0.01	0.05	47.9
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

### 3.6. P3 Building Construction (2027) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.08	0.40	5.66	0.01	0.02	—	0.02	0.02	—	0.02	—	809	809	0.03	0.01	—	812
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	0.08	0.08	0.40	5.66	0.01	0.02	—	0.02	0.02	—	0.02	—	809	809	0.03	0.01	—	812
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	0.05	0.05	0.27	3.88	0.01	0.01	—	0.01	0.01	—	0.01	—	554	554	0.02	< 0.005	—	556
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.71	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	91.8	91.8	< 0.005	< 0.005	—	92.1
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.24	0.20	0.21	3.50	0.00	0.00	0.92	0.92	0.00	0.22	0.22	—	906	906	0.01	0.03	2.87	919
Vendor	0.03	0.01	0.40	0.20	< 0.005	< 0.005	0.11	0.12	< 0.005	0.03	0.03	—	405	405	0.02	0.06	0.97	423
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.24	0.20	0.22	3.01	0.00	0.00	0.92	0.92	0.00	0.22	0.22	—	862	862	0.01	0.03	0.07	873
Vendor	0.03	0.01	0.42	0.21	< 0.005	< 0.005	0.11	0.12	< 0.005	0.03	0.03	—	406	406	0.02	0.06	0.03	423
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.16	0.14	0.17	2.15	0.00	0.00	0.63	0.63	0.00	0.15	0.15	—	599	599	0.01	0.02	0.85	607
Vendor	0.02	0.01	0.29	0.14	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	278	278	0.01	0.04	0.29	290
Hauling	0.00	0.00	0.00	0.00	0.00	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	0.03	0.03	0.03	0.39	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	99.1	99.1	< 0.005	< 0.005	0.14	100
Vendor	< 0.005	< 0.005	0.05	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	46.0	46.0	< 0.005	0.01	0.05	47.9

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
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### 3.7. P3 Paving (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.41	0.36	4.16	5.55	0.01	0.09	—	0.09	0.08	—	0.08	—	823	823	0.03	0.01	—	826
Paving	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.12	0.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	24.2	24.2	< 0.005	< 0.005	—	24.2
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.00	4.00	< 0.005	< 0.005	—	4.01
Paving	< 0.005	< 0.005	—	—	—	—	—	—	A-273	—	—	—	—	—	—	—	—	—

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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	61.6	61.6	< 0.005	0.01	< 0.005	64.2	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.34	6.34	< 0.005	< 0.005	0.01	6.43	
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.81	1.81	< 0.005	< 0.005	< 0.005	1.89	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.05	1.05	< 0.005	< 0.005	< 0.005	1.06	
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.30	0.30	< 0.005	< 0.005	< 0.005	0.31	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	

### 3.8. P3 Paving (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	0.27	0.23	2.09	5.55	0.01	0.06	—	0.06	0.06	—	0.06	—	823	823	0.03	0.01	—	826
Paving	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	24.2	24.2	< 0.005	< 0.005	—	24.2
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.00	4.00	< 0.005	< 0.005	—	4.01
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	0.06	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	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	61.6	61.6	< 0.005	0.01	< 0.005	64.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.34	6.34	< 0.005	< 0.005	0.01	6.43
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.81	1.81	< 0.005	< 0.005	< 0.005	1.89
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.05	1.05	< 0.005	< 0.005	< 0.005	1.06
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.30	0.30	< 0.005	< 0.005	< 0.005	0.31
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.9. P3 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	0.40	0.35	4.14	5.54	0.01	0.09	—	0.09	0.08	—	0.08	—	823	823	0.03	0.01	—	826
Paving	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.03	0.39	0.52	< 0.005	0.01	—	0.01	0.01	—	0.01	—	77.3	77.3	< 0.005	< 0.005	—	77.6
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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	—	12.8	12.8	< 0.005	< 0.005	—	12.8
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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.05	0.70	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	—	209	209	< 0.005	0.01	0.02	212
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	—	60.2	60.2	< 0.005	0.01	< 0.005	62.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	< 0.005	0.07	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	—	19.9	19.9	< 0.005	< 0.005	0.03	20.2
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	—	5.65	5.65	< 0.005	< 0.005	0.01	5.90
Hauling	0.00	0.00	0.00	0.00	0.00	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	—	—	3.30	3.30	< 0.005	< 0.005	< 0.005	3.35
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	—	0.94	0.94	< 0.005	< 0.005	< 0.005	0.98
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.10. P3 Paving (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	0.27	0.23	2.09	5.55	0.01	0.06	—	0.06	0.06	—	0.06	—	823	823	0.03	0.01	—	826
Paving	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.02	0.20	0.52	< 0.005	0.01	—	0.01	0.01	—	0.01	—	77.3	77.3	< 0.005	< 0.005	—	77.6
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.04	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.8	12.8	< 0.005	< 0.005	—	12.8
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	0.06	0.05	0.05	0.70	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	209	209	< 0.005	0.01	0.02	212
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	60.2	60.2	< 0.005	0.01	< 0.005	62.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	< 0.005	0.07	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	19.9	19.9	< 0.005	< 0.005	0.03	20.2
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.65	5.65	< 0.005	< 0.005	0.01	5.90
Hauling	0.00	0.00	0.00	0.00	0.00	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	—	3.30	3.30	< 0.005	< 0.005	< 0.005	3.35
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.94	0.94	< 0.005	< 0.005	< 0.005	0.98
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.11. P3 Architectural Coating (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	0.14	0.11	0.83	1.13	< 0.005	0.02	—	0.02	0.02	—	0.02	—	134	134	0.01	< 0.005	—	134

Architectural Coating	1.09	1.09	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.11	0.83	1.13	< 0.005	0.02	—	0.02	0.02	—	0.02	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	1.09	1.09	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.30	0.40	< 0.005	0.01	—	0.01	0.01	—	0.01	—	47.6	47.6	< 0.005	< 0.005	—	47.7
Architectural Coatings	0.39	0.39	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.87	7.87	< 0.005	< 0.005	—	7.90

Architectural Coatings	0.07	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.70	0.00	0.00	0.18	0.18	0.00	0.04	0.04	—	181	181	< 0.005	0.01	0.57	184
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.60	0.00	0.00	0.18	0.18	0.00	0.04	0.04	—	172	172	< 0.005	0.01	0.01	175
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.02	0.22	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	62.3	62.3	< 0.005	< 0.005	0.09	63.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.3	10.3	< 0.005	< 0.005	0.01	10.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.12. P3 Architectural Coating (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	0.02	0.02	0.65	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	1.09	1.09	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.65	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	1.09	1.09	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.23	0.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	47.6	47.6	< 0.005	< 0.005	—	47.7
Architectural Coatings	0.39	0.39	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.04	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	—	7.87	7.87	< 0.005	< 0.005	—	7.90
Architectural Coatings	0.07	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.70	0.00	0.00	0.18	0.18	0.00	0.04	0.04	—	181	181	< 0.005	0.01	0.57	184	
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	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.60	0.00	0.00	0.18	0.18	0.00	0.04	0.04	—	172	172	< 0.005	0.01	0.01	175	
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	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.02	0.22	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	62.3	62.3	< 0.005	< 0.005	0.09	63.1	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.3	10.3	< 0.005	< 0.005	0.01	10.4	

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

### 3.13. P3 Utility Trenching (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.20	0.18	3.28	4.76	0.01	0.08	—	0.08	0.08	—	0.08	—	677	677	0.03	0.01	—	679
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.15	0.15	< 0.005	0.02	0.02	—	3.04	3.04	< 0.005	< 0.005	< 0.005	3.20
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.18	0.26	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	37.1	37.1	< 0.005	< 0.005	—	37.2
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	0.17	0.17	< 0.005	< 0.005	< 0.005	0.17
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.14	6.14	< 0.005	< 0.005	—	6.16
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.03	0.03	< 0.005	< 0.005	< 0.005	0.03

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.36	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	94.7	94.7	< 0.005	< 0.005	0.01	95.8
Vendor	0.01	< 0.005	0.14	0.07	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	128	128	0.01	0.02	0.01	133
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.26	5.26	< 0.005	< 0.005	0.01	5.33
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.99	6.99	< 0.005	< 0.005	0.01	7.30
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.87	0.87	< 0.005	< 0.005	< 0.005	0.88
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.16	1.16	< 0.005	< 0.005	< 0.005	1.21
Hauling	0.00	0.00	0.00	0.00	0.00	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. P3 Utility Trenching (2025) - Mitigated

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

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

Off-Road Equipm	0.09	0.09	2.08	4.73	0.01	0.01	—	0.01	0.01	—	0.01	—	677	677	0.03	0.01	—	679
Onsite truck	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	3.04	3.04	< 0.005	< 0.005	< 0.005	3.20
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.11	0.26	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	37.1	37.1	< 0.005	< 0.005	—	37.2
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.17	0.17	< 0.005	< 0.005	< 0.005	0.17
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.14	6.14	< 0.005	< 0.005	—	6.16
Onsite truck	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.03	0.03	< 0.005	< 0.005	< 0.005	0.03
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.36	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	94.7	94.7	< 0.005	< 0.005	0.01	95.8
Vendor	0.01	< 0.005	0.14	0.07	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	128	128	0.01	0.02	0.01	133
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.26	5.26	< 0.005	< 0.005	0.01	5.33
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.99	6.99	< 0.005	< 0.005	0.01	7.30
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.87	0.87	< 0.005	< 0.005	< 0.005	0.88
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.16	1.16	< 0.005	< 0.005	< 0.005	1.21
Hauling	0.00	0.00	0.00	0.00	0.00	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. P3 Crane (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	0.08	0.08	1.82	3.66	0.01	0.01	—	0.01	0.01	—	0.01	—	743	743	0.03	0.01	—	745
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.30	0.60	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.05	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	20.2	20.2	< 0.005	< 0.005	—	20.3

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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.13	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	32.6	32.6	< 0.005	< 0.005	0.11	33.0	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.16	5.16	< 0.005	< 0.005	0.01	5.23	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.85	0.85	< 0.005	< 0.005	< 0.005	0.87	
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	

### 3.16. P3 Crane (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	0.07	0.07	0.37	3.66	0.01	0.01	—	0.01	0.01	—	0.01	—	743	743	0.03	0.01	—	745
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.60	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	20.2	20.2	< 0.005	< 0.005	—	20.3
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	0.01	0.01	0.01	0.13	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	32.6	32.6	< 0.005	< 0.005	0.11	33.0
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.16	5.16	< 0.005	< 0.005	0.01	5.23
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.85	0.85	< 0.005	< 0.005	< 0.005	0.87
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

### 3.17. P3 Finishing and Landscaping (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	2.45	3.74	< 0.005	0.06	—	0.06	0.05	—	0.05	—	535	535	0.02	< 0.005	—	537
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	0.34	0.51	< 0.005	0.01	—	0.01	0.01	—	0.01	—	73.3	73.3	< 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
Annual	—	—	—	—	—	—	—	—	A-290	—	—	—	—	—	—	—	—	—

Off-Road Equipment	< 0.005	< 0.005	0.06	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.1	12.1	< 0.005	< 0.005	—	12.2
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	0.02	0.01	0.02	0.21	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	60.9	60.9	< 0.005	< 0.005	0.01	61.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
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	—	8.46	8.46	< 0.005	< 0.005	0.01	8.57
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.40	1.40	< 0.005	< 0.005	< 0.005	1.42
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

### 3.18. P3 Finishing and Landscaping (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	0.07	0.07	1.41	3.74	< 0.005	0.01	—	0.01	0.01	—	0.01	—	535	535	0.02	< 0.005	—	537
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	0.19	0.51	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	73.3	73.3	< 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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.04	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.1	12.1	< 0.005	< 0.005	—	12.2
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	0.02	0.01	0.02	0.21	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	60.9	60.9	< 0.005	< 0.005	0.01	61.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
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	—	8.46	8.46	< 0.005	< 0.005	0.01	8.57
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.40	1.40	< 0.005	< 0.005	< 0.005	1.42
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

### 3.19. P3 Finishing and Landscaping (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	0.09	0.09	2.45	3.74	< 0.005	0.06	—	0.06	0.05	—	0.05	—	535	535	0.02	< 0.005	—	537
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	0.25	0.38	< 0.005	0.01	—	0.01	0.01	—	0.01	—	54.5	54.5	< 0.005	< 0.005	—	54.7
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	—	—	—	—	—	—	—	—	A-293	—	—	—	—	—	—	—	—	—

Off-Road Equipment	< 0.005	< 0.005	0.05	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.02	9.02	< 0.005	< 0.005	—	9.05
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	0.02	0.01	0.02	0.20	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	59.8	59.8	< 0.005	< 0.005	< 0.005	60.6
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.17	6.17	< 0.005	< 0.005	0.01	6.25
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.02	1.02	< 0.005	< 0.005	< 0.005	1.04
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. P3 Finishing and Landscaping (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	0.07	0.07	1.41	3.74	< 0.005	0.01	—	0.01	0.01	—	0.01	—	535	535	0.02	< 0.005	—	537
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	0.14	0.38	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	54.5	54.5	< 0.005	< 0.005	—	54.7
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	0.03	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.02	9.02	< 0.005	< 0.005	—	9.05
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	0.02	0.01	0.02	0.20	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	59.8	59.8	< 0.005	< 0.005	< 0.005	60.6
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.17	6.17	< 0.005	< 0.005	0.01	6.25
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.02	1.02	< 0.005	< 0.005	< 0.005	1.04
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
P3 Fine Grading	Grading	8/1/2025	10/16/2025	5.00	55.0	—
P3 Building Construction	Building Construction	4/16/2026	12/16/2027	5.00	436	—
P3 Paving	Paving	12/17/2027	2/17/2028	5.00	45.0	—
P3 Architectural Coating	Architectural Coating	2/14/2027	8/15/2027	5.00	130	—
P3 Utility Trenching	Trenching	10/17/2025	11/13/2025	5.00	20.0	—
P3 Crane	Trenching	4/16/2026	7/8/2026	5.00	60.0	—
P3 Finishing and Landscaping	Trenching	10/23/2027	2/21/2028	5.00	86.0	—

### 5.2. Off-Road Equipment

#### 5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
P3 Fine Grading	Graders	Diesel	Tier 4 Interim	1.00	6.00	148	0.41
P3 Fine Grading	Rubber Tired Dozers	Diesel	Tier 4 Interim	1.00	7.00	367	0.40

P3 Fine Grading	Tractors/Loaders/Back hoes	Diesel	Tier 4 Interim	1.00	6.00	84.0	0.37
P3 Building Construction	Forklifts	Diesel	Tier 4 Interim	2.00	6.00	82.0	0.20
P3 Building Construction	Tractors/Loaders/Back hoes	Diesel	Tier 4 Interim	2.00	8.00	84.0	0.37
P3 Paving	Cement and Mortar Mixers	Diesel	Average	4.00	6.00	10.0	0.56
P3 Paving	Pavers	Diesel	Tier 4 Interim	1.00	7.00	81.0	0.42
P3 Paving	Rollers	Diesel	Average	1.00	7.00	36.0	0.38
P3 Paving	Tractors/Loaders/Back hoes	Diesel	Tier 4 Interim	1.00	7.00	84.0	0.37
P3 Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48
P3 Utility Trenching	Tractors/Loaders/Back hoes	Diesel	Tier 4 Interim	1.00	8.00	84.0	0.37
P3 Utility Trenching	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
P3 Utility Trenching	Skid Steer Loaders	Diesel	Tier 4 Interim	1.00	8.00	71.0	0.37
P3 Crane	Cranes	Diesel	Tier 4 Interim	1.00	6.00	367	0.29
P3 Finishing and Landscaping	Skid Steer Loaders	Diesel	Tier 4 Interim	1.00	8.00	71.0	0.37
P3 Finishing and Landscaping	Tractors/Loaders/Back hoes	Diesel	Tier 4 Interim	1.00	8.00	84.0	0.37

### 5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
P3 Fine Grading	Graders	Diesel	Tier 4 Final	1.00	6.00	148	0.41
P3 Fine Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	7.00	367	0.40
P3 Fine Grading	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	6.00	84.0	0.37
P3 Building Construction	Forklifts	Diesel	Tier 4 Final	2.00	6.00	82.0	0.20

P3 Building Construction	Tractors/Loaders/Back	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
P3 Paving	Cement and Mortar Mixers	Diesel	Average	4.00	6.00	10.0	0.56
P3 Paving	Pavers	Diesel	Tier 4 Final	1.00	7.00	81.0	0.42
P3 Paving	Rollers	Diesel	Tier 4 Final	1.00	7.00	36.0	0.38
P3 Paving	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	7.00	84.0	0.37
P3 Architectural Coating	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	37.0	0.48
P3 Utility Trenching	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
P3 Utility Trenching	Excavators	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
P3 Utility Trenching	Skid Steer Loaders	Diesel	Tier 4 Final	1.00	8.00	71.0	0.37
P3 Crane	Cranes	Diesel	Tier 4 Final	1.00	6.00	367	0.29
P3 Finishing and Landscaping	Skid Steer Loaders	Diesel	Tier 4 Final	1.00	8.00	71.0	0.37
P3 Finishing and Landscaping	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37

## 5.3. Construction Vehicles

### 5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
P3 Fine Grading	—	—	—	—
P3 Fine Grading	Worker	7.50	18.5	LDA,LDT1,LDT2
P3 Fine Grading	Vendor	9.00	10.2	HHDT,MHDT
P3 Fine Grading	Hauling	0.00	20.0	HHDT
P3 Fine Grading	Onsite truck	1.00	0.98	HHDT
P3 Building Construction	—	—	—	—
P3 Building Construction	Worker	70.8	A-298 18.5	LDA,LDT1,LDT2

P3 Building Construction	Vendor	13.2	10.2	HHDT,MHDT
P3 Building Construction	Hauling	0.00	20.0	HHDT
P3 Building Construction	Onsite truck	0.00	—	HHDT
P3 Paving	—	—	—	—
P3 Paving	Worker	17.5	18.5	LDA,LDT1,LDT2
P3 Paving	Vendor	2.00	10.2	HHDT,MHDT
P3 Paving	Hauling	0.00	20.0	HHDT
P3 Paving	Onsite truck	0.00	—	HHDT
P3 Architectural Coating	—	—	—	—
P3 Architectural Coating	Worker	14.2	18.5	LDA,LDT1,LDT2
P3 Architectural Coating	Vendor	0.00	10.2	HHDT,MHDT
P3 Architectural Coating	Hauling	0.00	20.0	HHDT
P3 Architectural Coating	Onsite truck	0.00	—	HHDT
P3 Utility Trenching	—	—	—	—
P3 Utility Trenching	Worker	7.50	18.5	LDA,LDT1,LDT2
P3 Utility Trenching	Vendor	4.00	10.2	HHDT,MHDT
P3 Utility Trenching	Hauling	0.00	20.0	HHDT
P3 Utility Trenching	Onsite truck	1.00	0.41	HHDT
P3 Crane	—	—	—	—
P3 Crane	Worker	2.50	18.5	LDA,LDT1,LDT2
P3 Crane	Vendor	0.00	10.2	HHDT,MHDT
P3 Crane	Hauling	0.00	20.0	HHDT
P3 Crane	Onsite truck	0.00	—	HHDT
P3 Finishing and Landscaping	—	—	—	—
P3 Finishing and Landscaping	Worker	5.00	18.5	LDA,LDT1,LDT2
P3 Finishing and Landscaping	Vendor	0.00	10.2	HHDT,MHDT
P3 Finishing and Landscaping	Hauling	0.00	20.0	HHDT
P3 Finishing and Landscaping	Onsite truck	0.00	—	HHDT

## 5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
P3 Fine Grading	—	—	—	—
P3 Fine Grading	Worker	7.50	18.5	LDA,LDT1,LDT2
P3 Fine Grading	Vendor	9.00	10.2	HHDT,MHDT
P3 Fine Grading	Hauling	0.00	20.0	HHDT
P3 Fine Grading	Onsite truck	1.00	0.98	HHDT
P3 Building Construction	—	—	—	—
P3 Building Construction	Worker	70.8	18.5	LDA,LDT1,LDT2
P3 Building Construction	Vendor	13.2	10.2	HHDT,MHDT
P3 Building Construction	Hauling	0.00	20.0	HHDT
P3 Building Construction	Onsite truck	0.00	—	HHDT
P3 Paving	—	—	—	—
P3 Paving	Worker	17.5	18.5	LDA,LDT1,LDT2
P3 Paving	Vendor	2.00	10.2	HHDT,MHDT
P3 Paving	Hauling	0.00	20.0	HHDT
P3 Paving	Onsite truck	0.00	—	HHDT
P3 Architectural Coating	—	—	—	—
P3 Architectural Coating	Worker	14.2	18.5	LDA,LDT1,LDT2
P3 Architectural Coating	Vendor	0.00	10.2	HHDT,MHDT
P3 Architectural Coating	Hauling	0.00	20.0	HHDT
P3 Architectural Coating	Onsite truck	0.00	—	HHDT
P3 Utility Trenching	—	—	—	—
P3 Utility Trenching	Worker	7.50	18.5	LDA,LDT1,LDT2
P3 Utility Trenching	Vendor	4.00	10.2	HHDT,MHDT
P3 Utility Trenching	Hauling	0.00	20.0	HHDT
P3 Utility Trenching	Onsite truck	1.00	0.41	HHDT
P3 Crane	—	—	A-300	—

P3 Crane	Worker	2.50	18.5	LDA,LDT1,LDT2
P3 Crane	Vendor	0.00	10.2	HHDT,MHDT
P3 Crane	Hauling	0.00	20.0	HHDT
P3 Crane	Onsite truck	0.00	—	HHDT
P3 Finishing and Landscaping	—	—	—	—
P3 Finishing and Landscaping	Worker	5.00	18.5	LDA,LDT1,LDT2
P3 Finishing and Landscaping	Vendor	0.00	10.2	HHDT,MHDT
P3 Finishing and Landscaping	Hauling	0.00	20.0	HHDT
P3 Finishing and Landscaping	Onsite truck	0.00	—	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)
P3 Architectural Coating	228,108	76,036	0.00	0.00	670

## 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)
------------	---------------------------------	---------------------------------	----------------------	-------------------------------	---------------------

P3 Fine Grading	0.00	0.00	44.7	0.00	—
P3 Paving	0.00	0.00	0.00	0.00	0.26

### 5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%

### 5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Retirement Community	—	0%
Enclosed Parking with Elevator	0.00	100%
Other Asphalt Surfaces	0.11	100%
Other Non-Asphalt Surfaces	0.15	0%

### 5.8. Construction Electricity Consumption and Emissions Factors

#### kWh per Year and Emission Factor (lb/MWh)

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

## 8. User Changes to Default Data

Screen	Justification
Land Use	Based on applicant info, see assumptions file
Construction: Construction Phases	Based on applicant info., see assumptions file

Construction: Off-Road Equipment	Tier 4-Interim engines for equipment with 50 hp or greater per Mitigation Measure AQ-1, equipment for utility trenching and finishing/landscaping based on previous residential development project.
Construction: Architectural Coatings	Applies Mitigation Measure AQ-1 for super compliant paints according to South Coast AQMD.

# **CalEEMod Operation Model**

## **Proposed Project**

# Euclid and Heil Proposed Project, Operation Custom Report

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# 1. Basic Project Information

## 1.1. Basic Project Information

Data Field	Value
Project Name	Euclid and Heil Proposed Project, Operation
Operational Year	2029
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	19.2
Location	16300 Euclid St, Fountain Valley, CA 92708, USA
County	Orange
City	Fountain Valley
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5845
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.29

## 1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Apartments Mid Rise	304	Dwelling Unit	4.53	349,327	120,298	0.00	906	—

Condo/Townhouse High Rise	183	Dwelling Unit	3.31	349,845	0.00	0.00	545	—
Condo/Townhouse	36.0	Dwelling Unit	1.20	79,572	0.00	0.00	107	—
Parking Lot	24.5	1000sqft	0.56	0.00	0.00	0.00	—	—
Other Asphalt Surfaces	219	1000sqft	5.02	0.00	0.00	0.00	—	—
Other Non-Asphalt Surfaces	87.3	1000sqft	2.00	0.00	0.00	0.00	—	—
Enclosed Parking with Elevator	201	1000sqft	0.80	201,110	0.00	0.00	—	—
Health Club	0.34	1000sqft	0.01	342	0.00	0.00	—	—
Retirement Community	83.0	Dwelling Unit	0.65	112,646	0.00	0.00	247	—

### 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.	37.0	35.8	7.41	135	0.21	0.30	22.5	22.8	0.28	5.68	5.96	458	26,073	26,530	35.0	0.93	55.9	27,737
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	32.3	31.3	7.54	86.2	0.20	0.27	22.5	22.7	0.26	5.68	5.94	458	25,023	25,481	35.0	0.97	8.28	26,653
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	32.8	31.8	6.61	99.6	0.17	0.26	17.6	17.9	0.25	4.46	4.70	458	21,233	21,691	34.8	0.84	23.8	22,834
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.99	5.81	1.21	18.2	0.03	0.05	3.22	3.26	0.04	0.81	0.86	75.8	3,515	3,591	5.76	0.14	3.94	3,780

## 2.5. Operations Emissions by Sector, Unmitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	12.7	11.8	4.92	90.5	0.20	0.10	22.5	22.6	0.09	5.68	5.77	—	20,014	20,014	0.93	0.61	48.9	20,267
Area	24.1	23.9	0.56	43.3	< 0.005	0.04	—	0.04	0.04	—	0.04	0.00	339	339	0.01	< 0.005	—	339
Energy	0.23	0.11	1.93	0.82	0.01	0.16	—	0.16	0.16	—	0.16	—	5,329	5,329	0.49	0.04	—	5,352
Water	—	—	—	—	—	—	—	—	—	—	—	127	391	518	0.47	0.28	—	614
Waste	—	—	—	—	—	—	—	—	—	—	—	331	0.00	331	33.1	0.00	—	1,158
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7.01	7.01
Total	37.0	35.8	7.41	135	0.21	0.30	22.5	22.8	0.28	5.68	5.96	458	26,073	26,530	35.0	0.93	55.9	27,737
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	12.7	11.8	5.45	85.3	0.19	0.10	22.5	22.6	0.09	5.68	5.77	—	19,093	19,093	0.98	0.65	1.27	19,312
Area	19.4	19.4	0.17	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	0.00	211	211	< 0.005	< 0.005	—	211
Energy	0.23	0.11	1.93	0.82	0.01	0.16	—	0.16	0.16	—	0.16	—	5,329	5,329	0.49	0.04	—	5,352
Water	—	—	—	—	—	—	—	—	—	—	—	127	391	518	0.47	0.28	—	614
Waste	—	—	—	—	—	—	—	—	—	—	—	331	0.00	331	33.1	0.00	—	1,158
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7.01	7.01
Total	32.3	31.3	7.54	86.2	0.20	0.27	22.5	22.7	0.26	5.68	5.94	458	25,023	25,481	35.0	0.97	8.28	26,653
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Mobile	9.96	9.26	4.36	69.1	0.15	0.08	17.6	17.7	0.07	4.46	4.53	—	15,366	15,366	0.77	0.52	16.8	15,555
Area	22.7	22.5	0.32	29.6	< 0.005	0.03	—	0.03	0.02	—	0.02	0.00	148	148	< 0.005	< 0.005	—	148
Energy	0.23	0.11	1.93	0.82	0.01	0.16	—	0.16	0.16	—	0.16	—	5,329	5,329	0.49	0.04	—	5,352
Water	—	—	—	—	—	—	—	—	—	—	—	127	391	518	0.47	0.28	—	614
Waste	—	—	—	—	—	—	—	—	—	—	—	331	0.00	331	33.1	0.00	—	1,158
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7.01	7.01
Total	32.8	31.8	6.61	99.6	0.17	0.26	17.6	17.9	0.25	4.46	4.70	458	21,233	21,691	34.8	0.84	23.8	22,834
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.82	1.69	0.80	12.6	0.03	0.01	3.22	3.23	0.01	0.81	0.83	—	2,544	2,544	0.13	0.09	2.78	2,575
Area	4.13	4.10	0.06	5.41	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	24.4	24.4	< 0.005	< 0.005	—	24.5
Energy	0.04	0.02	0.35	0.15	< 0.005	0.03	—	0.03	0.03	—	0.03	—	882	882	0.08	0.01	—	886
Water	—	—	—	—	—	—	—	—	—	—	—	21.0	64.7	85.7	0.08	0.05	—	102
Waste	—	—	—	—	—	—	—	—	—	—	—	54.8	0.00	54.8	5.48	0.00	—	192
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.16	1.16
Total	5.99	5.81	1.21	18.2	0.03	0.05	3.22	3.26	0.04	0.81	0.86	75.8	3,515	3,591	5.76	0.14	3.94	3,780

## 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	4.09	3.81	1.59	29.2	0.06	0.03	7.25	7.28	0.03	1.83	1.86	—	6,461	6,461	0.30	0.20	15.8	6,542

Condo/T High Rise	4.72	4.39	1.83	33.7	0.07	0.04	8.37	8.40	0.03	2.12	2.15	—	7,455	7,455	0.35	0.23	18.2	7,549
Condo/T ownhouse	0.93	0.86	0.36	6.63	0.01	0.01	1.65	1.65	0.01	0.42	0.42	—	1,467	1,467	0.07	0.04	3.58	1,485
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Retirement Community	2.93	2.73	1.14	20.9	0.05	0.02	5.20	5.22	0.02	1.31	1.33	—	4,632	4,632	0.21	0.14	11.3	4,690
Total	12.7	11.8	4.92	90.5	0.20	0.10	22.5	22.6	0.09	5.68	5.77	—	20,014	20,014	0.93	0.61	48.9	20,267
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	4.09	3.80	1.76	27.5	0.06	0.03	7.25	7.28	0.03	1.83	1.86	—	6,163	6,163	0.31	0.21	0.41	6,234
Condo/T ownhouse High Rise	4.72	4.39	2.03	31.8	0.07	0.04	8.37	8.40	0.03	2.12	2.15	—	7,112	7,112	0.36	0.24	0.47	7,193

Condo/Townhouse	0.93	0.86	0.40	6.25	0.01	0.01	1.65	1.65	0.01	0.42	0.42	—	1,399	1,399	0.07	0.05	0.09	1,415
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Retirement Community	2.93	2.72	1.26	19.7	0.04	0.02	5.20	5.22	0.02	1.31	1.33	—	4,419	4,419	0.23	0.15	0.29	4,469
Total	12.7	11.8	5.45	85.3	0.19	0.10	22.5	22.6	0.09	5.68	5.77	—	19,093	19,093	0.98	0.65	1.27	19,312
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	0.72	0.67	0.31	4.97	0.01	0.01	1.27	1.27	0.01	0.32	0.33	—	1,003	1,003	0.05	0.03	1.10	1,015
Condo/Townhouse High Rise	0.72	0.67	0.32	5.01	0.01	0.01	1.28	1.28	0.01	0.32	0.33	—	1,010	1,010	0.05	0.03	1.10	1,023
Condo/Townhouse	0.14	0.13	0.06	0.99	< 0.005	< 0.005	0.25	0.25	< 0.005	0.06	0.06	—	199	199	0.01	0.01	0.22	201
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

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	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Retirement Community	0.24	0.22	0.10	1.65	< 0.005	< 0.005	0.42	0.42	< 0.005	0.11	0.11	0.11	—	332	332	0.02	0.01	0.36	336
Total	1.82	1.69	0.80	12.6	0.03	0.01	3.22	3.23	0.01	0.81	0.83	0.83	—	2,544	2,544	0.13	0.09	2.78	2,575

## 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	1,057	1,057	0.10	0.01	—	1,063	
Condo/Townhouse High Rise	—	—	—	—	—	—	—	—	—	—	—	—	636	636	0.06	0.01	—	640	

Condo/T	—	—	—	—	—	—	—	—	—	—	—	—	157	157	0.01	< 0.005	—	158
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	20.4	20.4	< 0.005	< 0.005	—	20.5
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	704	704	0.07	0.01	—	708
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	3.11	3.11	< 0.005	< 0.005	—	3.13
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	302	302	0.03	< 0.005	—	304
Total	—	—	—	—	—	—	—	—	—	—	—	—	2,880	2,880	0.27	0.03	—	2,896
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	1,057	1,057	0.10	0.01	—	1,063
Condo/Townhouse High Rise	—	—	—	—	—	—	—	—	—	—	—	—	636	636	0.06	0.01	—	640
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	—	—	157	157	0.01	< 0.005	—	158
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	20.4	20.4	< 0.005	< 0.005	—	20.5

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	704	704	0.07	0.01	—	708
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	3.11	3.11	< 0.005	< 0.005	—	3.13
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	302	302	0.03	< 0.005	—	304
Total	—	—	—	—	—	—	—	—	—	—	—	—	2,880	2,880	0.27	0.03	—	2,896
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	175	175	0.02	< 0.005	—	176
Condo/Townhouse High Rise	—	—	—	—	—	—	—	—	—	—	—	—	105	105	0.01	< 0.005	—	106
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	—	—	26.0	26.0	< 0.005	< 0.005	—	26.1
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	3.37	3.37	< 0.005	< 0.005	—	3.39
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Enclose Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	—	117	117	0.01	< 0.005	—	117
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	0.52	0.52	< 0.005	< 0.005	—	0.52
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	50.0	50.0	< 0.005	< 0.005	—	50.3
Total	—	—	—	—	—	—	—	—	—	—	—	—	477	477	0.05	0.01	—	480

#### 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	0.10	0.05	0.85	0.36	0.01	0.07	—	0.07	0.07	—	0.07	—	1,082	1,082	0.10	< 0.005	—	1,085
Condo/Townhouse High Rise	0.06	0.03	0.51	0.22	< 0.005	0.04	—	0.04	0.04	—	0.04	—	651	651	0.06	< 0.005	—	653
Condo/Townhouse	0.03	0.01	0.22	0.09	< 0.005	0.02	—	0.02	0.02	—	0.02	—	277	277	0.02	< 0.005	—	278
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Health Club	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.69	4.69	< 0.005	< 0.005	—	4.70
Retirement Community	0.04	0.02	0.34	0.15	< 0.005	0.03	—	0.03	0.03	—	0.03	—	434	434	0.04	< 0.005	—	435
Total	0.23	0.11	1.93	0.82	0.01	0.16	—	0.16	0.16	—	0.16	—	2,449	2,449	0.22	< 0.005	—	2,456
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	0.10	0.05	0.85	0.36	0.01	0.07	—	0.07	0.07	—	0.07	—	1,082	1,082	0.10	< 0.005	—	1,085
Condo/Townhouse High Rise	0.06	0.03	0.51	0.22	< 0.005	0.04	—	0.04	0.04	—	0.04	—	651	651	0.06	< 0.005	—	653
Condo/Townhouse	0.03	0.01	0.22	0.09	< 0.005	0.02	—	0.02	0.02	—	0.02	—	277	277	0.02	< 0.005	—	278
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Enclosed	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Health Club	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.69	4.69	< 0.005	< 0.005	—	4.70
Retirement Community	0.04	0.02	0.34	0.15	< 0.005	0.03	—	0.03	0.03	—	0.03	—	434	434	0.04	< 0.005	—	435
Total	0.23	0.11	1.93	0.82	0.01	0.16	—	0.16	0.16	—	0.16	—	2,449	2,449	0.22	< 0.005	—	2,456
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	0.02	0.01	0.16	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	179	179	0.02	< 0.005	—	180
Condo/Townhouse High Rise	0.01	0.01	0.09	0.04	< 0.005	0.01	—	0.01	0.01	—	0.01	—	108	108	0.01	< 0.005	—	108
Condo/Townhouse	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	45.9	45.9	< 0.005	< 0.005	—	46.0
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Health Club	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.78	0.78	< 0.005	< 0.005	—	0.78

Retirement	0.01	< 0.005	0.06	0.03	< 0.005	0.01	—	0.01	0.01	—	0.01	—	71.8	71.8	0.01	< 0.005	—	72.0
Total	0.04	0.02	0.35	0.15	< 0.005	0.03	—	0.03	0.03	—	0.03	—	405	405	0.04	< 0.005	—	407

### 4.3. Area Emissions by Source

#### 4.3.1. Unmitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.02	0.01	0.17	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	0.00	211	211	< 0.005	< 0.005	—	211
Consumer Products	19.1	19.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.31	0.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	4.71	4.42	0.40	43.2	< 0.005	0.03	—	0.03	0.02	—	0.02	—	128	128	0.01	< 0.005	—	128
Total	24.1	23.9	0.56	43.3	< 0.005	0.04	—	0.04	0.04	—	0.04	0.00	339	339	0.01	< 0.005	—	339
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.02	0.01	0.17	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	0.00	211	211	< 0.005	< 0.005	—	211
Consumer Products	19.1	19.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectural	0.31	0.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	19.4	19.4	0.17	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	0.00	211	211	< 0.005	< 0.005	—	211
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	9.93	9.93	< 0.005	< 0.005	—	9.94
Consumer Products	3.49	3.49	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.06	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.59	0.55	0.05	5.40	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	14.5	14.5	< 0.005	< 0.005	—	14.6
Total	4.13	4.10	0.06	5.41	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	24.4	24.4	< 0.005	< 0.005	—	24.5

#### 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	127	391	518	0.47	0.28	—	614

Condo/Townhouse High Rise	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
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
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
<b>Total</b>	—	—	—	—	—	—	—	—	—	—	—	<b>127</b>	<b>391</b>	<b>518</b>	<b>0.47</b>	<b>0.28</b>	—	<b>614</b>
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	127	391	518	0.47	0.28	—	614

Condo/Townhouse High Rise	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
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
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	127	391	518	0.47	0.28	—	614
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	21.0	64.7	85.7	0.08	0.05	—	102
Condo/Townhouse High Rise	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
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
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	21.0	64.7	85.7	0.08	0.05	—	102

## 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	424

Condo/T High Rise	—	—	—	—	—	—	—	—	—	—	—	72.9	0.00	72.9	7.28	0.00	—	255
Condo/T ownhouse	—	—	—	—	—	—	—	—	—	—	—	14.3	0.00	14.3	1.43	0.00	—	50.1
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	1.04	0.00	1.04	0.10	0.00	—	3.65
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	122	0.00	122	12.1	0.00	—	425
Total	—	—	—	—	—	—	—	—	—	—	—	331	0.00	331	33.1	0.00	—	1,158
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	121	0.00	121	12.1	0.00	—	424
Condo/T ownhouse High Rise	—	—	—	—	—	—	—	—	—	—	—	72.9	0.00	72.9	7.28	0.00	—	255

Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	—	14.3	0.00	14.3	1.43	0.00	—	50.1
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	1.04	0.00	1.04	0.10	0.00	—	3.65
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	122	0.00	122	12.1	0.00	—	425
Total	—	—	—	—	—	—	—	—	—	—	—	331	0.00	331	33.1	0.00	—	1,158
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	20.1	0.00	20.1	2.00	0.00	—	70.2
Condo/Townhouse High Rise	—	—	—	—	—	—	—	—	—	—	—	12.1	0.00	12.1	1.21	0.00	—	42.2
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	—	2.37	0.00	2.37	0.24	0.00	—	8.29
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Enclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.17	0.00	0.17	0.02	0.00	—	0.60
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	20.1	0.00	20.1	2.01	0.00	—	70.4
Total	—	—	—	—	—	—	—	—	—	—	—	54.8	0.00	54.8	5.48	0.00	—	192

## 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.50	2.50
Condo/Townhouse High Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.51	2.51

Condo/T	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.57	0.57
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.43	1.43
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7.01	7.01
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.50	2.50
Condo/Townhouse High Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.51	2.51
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.57	0.57
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.43	1.43
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7.01	7.01
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.41	0.41

Condo/Townhouse High Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.41	0.41
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.09	0.09
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Retirement Community	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.24	0.24
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.16	1.16

#### 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	—	—	—	—	—	—	—	—	—A-331	—	—	—	—	—	—	—	—	—

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

#### 4.10. Soil Carbon Accumulation By Vegetation Type

##### 4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

## 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
Apartments Mid Rise	1,380	1,389	1,146	492,028	10,293	10,361	8,547	3,669,357
Condo/Townhouse High Rise	1,318	1,603	1,312	495,523	9,826	11,955	9,785	3,695,422
Condo/Townhouse	259	315	258	97,480	1,933	2,352	1,925	726,968
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Retirement Community	269	996	784	162,901	2,006	7,428	5,843	1,214,849

## 5.10. Operational Area Sources

### 5.10.1. Hearths

#### 5.10.1.1. Unmitigated

Hearth Type	Unmitigated (number)
Apartments Mid Rise	—
Wood Fireplaces	0
Gas Fireplaces	4
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	0
Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	0
Pellet Wood Stoves	0
Condo/Townhouse High Rise	—
Wood Fireplaces	0
Gas Fireplaces	3
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	0
Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	0
Pellet Wood Stoves	0
Condo/Townhouse	—
Wood Fireplaces	0

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Gas Fireplaces	0
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	0
Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	0
Pellet Wood Stoves	0
Retirement Community	—
Wood Fireplaces	0
Gas Fireplaces	3
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	0
Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	0
Pellet Wood Stoves	0

### 5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
1805064.75	601,688	2,081	345	21,926

### 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)
Apartments Mid Rise	1,114,414	346	0.0330	0.0040	3,376,480
Condo/Townhouse High Rise	670,848	346	0.0330	0.0040	2,032,552
Condo/Townhouse	165,318	346	0.0330	0.0040	865,093
Parking Lot	21,488	346	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	346	0.0330	0.0040	0.00
Other Non-Asphalt Surfaces	0.00	346	0.0330	0.0040	0.00
Enclosed Parking with Elevator	742,384	346	0.0330	0.0040	0.00
Health Club	3,281	346	0.0330	0.0040	14,638
Retirement Community	318,309	346	0.0330	0.0040	1,353,371

## 5.12. Operational Water and Wastewater Consumption

### 5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Apartments Mid Rise	59,368,650	1,500,000
Condo/Townhouse High Rise	0.00	0.00
Condo/Townhouse	0.00	0.00
Parking Lot	0.00	0.00
Other Asphalt Surfaces	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00
Enclosed Parking with Elevator	0.00	0.00
Health Club	0.00	0.00

Retirement Community	0.00	0.00
----------------------	------	------

## 5.13. Operational Waste Generation

### 5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Apartments Mid Rise	225	—
Condo/Townhouse High Rise	135	—
Condo/Townhouse	26.6	—
Parking Lot	0.00	—
Other Asphalt Surfaces	0.00	—
Other Non-Asphalt Surfaces	0.00	—
Enclosed Parking with Elevator	0.00	—
Health Club	1.94	—
Retirement Community	226	—

## 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
Apartments Mid Rise	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Apartments Mid Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
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
Condo/Townhouse	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	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Health Club	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Health Club	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Retirement Community	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Retirement Community	Household refrigerators and/or freezers	R-134a	1,430	0.22	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
----------------	-----------	-------------	----------------	---------------	------------	-------------

### 5.16. Stationary Sources

#### 5.16.1. Emergency Generators and Fire Pumps

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

#### 5.16.2. Process Boilers

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

## 5.17. User Defined

Equipment Type	Fuel Type
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## 8. User Changes to Default Data

Screen	Justification
Land Use	based on data provided by applicant, see assumptions file
Construction: Construction Phases	Building Construction duration of 280 days provided by applicant
Construction: Off-Road Equipment	accounts for Mitigation Measure AQ-1, which requires use of construction equipment rated by the United States Environmental Protection Agency as having Tier 4 interim or higher exhaust emission limits
Construction: Architectural Coatings	Accounts for only striping of parking lot and other asphalt surfaces. Applies Mitigation Measure AQ-1 for super compliant paints according to South Coast AQMD.
Operations: Fleet Mix	Fleet mix for the project is modified to reflect a higher proportion of passenger vehicles that the regional VMT. Assumes a mix of approximately 97% passenger vehicles, 2% medium duty trucks, and 1% heavy duty trucks and buses.
Operations: Hearths	Accounts for 2 grills and 1 fire table for townhomes/triplexes, 3 grills and 1 fire table for apartment complex, and 2 grills and 1 fire table for senior housing. All residences do not have a fireplace.
Operations: Architectural Coatings	Applies Mitigation Measure AQ-1 for super compliant paints according to South Coast AQMD.
Operations: Water and Waste Water	Water use numbers from K-H WSA, assume 100% aerobic treatment, see assumptions file, Apartments Mid-Rise land use represents total potable water usage for all 606 residential units based on 2.94 residents/DU and swimming pool.
Operations: Vehicle Data	Based on Urban Crossroads VMT Screening Evaluation, trips calculated based on weekday and weekend daily trip rates from ITE Trip Gen 11th Edition.
Operations: Energy Use	No natural gas onsite based on applicant, see assumptions file

**CalEEMod Operation Model**  
**Approved Project**

# Euclid and Heil Approved Project 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	Euclid and Heil Approved Project
Operational Year	2029
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	19.2
Location	33.72474089845062, -117.93541976309416
County	Orange
City	Fountain Valley
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5845
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
Apartments Mid Rise	542	Dwelling Unit	18.1	520,320	0.00	0.00	1,615	—

### 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.	21.6	20.9	4.64	83.5	0.12	0.19	12.9	13.1	0.18	3.27	3.45	330	15,759	16,088	22.9	0.63	31.9	16,879
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	18.8	18.2	4.65	49.7	0.12	0.18	12.9	13.1	0.17	3.27	3.44	330	15,146	15,476	22.9	0.65	4.46	16,247
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	20.4	19.7	4.78	70.4	0.12	0.19	12.4	12.6	0.18	3.13	3.31	330	15,015	15,345	22.9	0.64	15.5	16,124
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.73	3.60	0.87	12.8	0.02	0.03	2.26	2.29	0.03	0.57	0.60	54.6	2,486	2,540	3.79	0.11	2.57	2,669

### 2.5. Operations Emissions by Sector, Unmitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	7.29	6.79	2.83	52.1	0.11	0.06	12.9	13.0	0.05	3.27	3.32	—	11,519	11,519	0.53	0.35	28.1	11,664

Area	14.1	14.0	0.29	30.8	< 0.005	0.01	—	0.01	0.01	—	0.01	0.00	82.2	82.2	< 0.005	< 0.005	—	82.5
Energy	0.18	0.09	1.52	0.65	0.01	0.12	—	0.12	0.12	—	0.12	—	3,814	3,814	0.35	0.03	—	3,830
Water	—	—	—	—	—	—	—	—	—	—	—	114	343	457	0.42	0.25	—	543
Waste	—	—	—	—	—	—	—	—	—	—	—	216	0.00	216	21.6	0.00	—	756
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.73	3.73
Total	21.6	20.9	4.64	83.5	0.12	0.19	12.9	13.1	0.18	3.27	3.45	330	15,759	16,088	22.9	0.63	31.9	16,879
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	7.29	6.78	3.13	49.1	0.11	0.06	12.9	13.0	0.05	3.27	3.32	—	10,989	10,989	0.56	0.37	0.73	11,115
Area	11.3	11.3	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Energy	0.18	0.09	1.52	0.65	0.01	0.12	—	0.12	0.12	—	0.12	—	3,814	3,814	0.35	0.03	—	3,830
Water	—	—	—	—	—	—	—	—	—	—	—	114	343	457	0.42	0.25	—	543
Waste	—	—	—	—	—	—	—	—	—	—	—	216	0.00	216	21.6	0.00	—	756
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.73	3.73
Total	18.8	18.2	4.65	49.7	0.12	0.18	12.9	13.1	0.17	3.27	3.44	330	15,146	15,476	22.9	0.65	4.46	16,247
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	7.00	6.51	3.07	48.6	0.11	0.05	12.4	12.4	0.05	3.13	3.18	—	10,801	10,801	0.54	0.36	11.8	10,935
Area	13.2	13.1	0.20	21.1	< 0.005	0.01	—	0.01	0.01	—	0.01	0.00	56.3	56.3	< 0.005	< 0.005	—	56.5
Energy	0.18	0.09	1.52	0.65	0.01	0.12	—	0.12	0.12	—	0.12	—	3,814	3,814	0.35	0.03	—	3,830
Water	—	—	—	—	—	—	—	—	—	—	—	114	343	457	0.42	0.25	—	543
Waste	—	—	—	—	—	—	—	—	—	—	—	216	0.00	216	21.6	0.00	—	756
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.73	3.73
Total	20.4	19.7	4.78	70.4	0.12	0.19	12.4	12.6	0.18	3.13	3.31	330	15,015	15,345	22.9	0.64	15.5	16,124
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.28	1.19	0.56	8.87	0.02	0.01	2.26	2.27	0.01	0.57	0.58	—	1,788	1,788	0.09	0.06	1.95	1,810
Area	2.42	2.40	0.04	3.85	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	9.32	9.32	< 0.005	< 0.005	—	9.36
Energy	0.03	0.02	0.28	0.12	< 0.005	0.02	—	0.02	0.02	—	0.02	—	631	631	0.06	< 0.005	—	634

Water	—	—	—	—	—	—	—	—	—	—	—	18.8	56.9	75.7	0.07	0.04	—	89.9
Waste	—	—	—	—	—	—	—	—	—	—	—	35.8	0.00	35.8	3.57	0.00	—	125
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.62	0.62
Total	3.73	3.60	0.87	12.8	0.02	0.03	2.26	2.29	0.03	0.57	0.60	54.6	2,486	2,540	3.79	0.11	2.57	2,669

## 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	7.29	6.79	2.83	52.1	0.11	0.06	12.9	13.0	0.05	3.27	3.32	—	11,519	11,519	0.53	0.35	28.1	11,664
Total	7.29	6.79	2.83	52.1	0.11	0.06	12.9	13.0	0.05	3.27	3.32	—	11,519	11,519	0.53	0.35	28.1	11,664
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	7.29	6.78	3.13	49.1	0.11	0.06	12.9	13.0	0.05	3.27	3.32	—	10,989	10,989	0.56	0.37	0.73	11,115
Total	7.29	6.78	3.13	49.1	0.11	0.06	12.9	13.0	0.05	3.27	3.32	—	10,989	10,989	0.56	0.37	0.73	11,115
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	1.28	1.19	0.56	8.87	0.02	0.01	2.26	2.27	0.01	0.57	0.58	—	1,788	1,788	0.09	0.06	1.95	1,810
Total	1.28	1.19	0.56	8.87	0.02	0.01	2.26	2.27	0.01	0.57	0.58	—	1,788	1,788	0.09	0.06	1.95	1,810

## 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	1,885	1,885	0.18	0.02	—	1,896
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,885	1,885	0.18	0.02	—	1,896
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	1,885	1,885	0.18	0.02	—	1,896
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,885	1,885	0.18	0.02	—	1,896
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	312	312	0.03	< 0.005	—	314
Total	—	—	—	—	—	—	—	—	—	—	—	—	312	312	0.03	< 0.005	—	314

### 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Apartme Mid Rise	0.18	0.09	1.52	0.65	0.01	0.12	—	0.12	0.12	—	0.12	—	1,929	1,929	0.17	< 0.005	—	1,935
Total	0.18	0.09	1.52	0.65	0.01	0.12	—	0.12	0.12	—	0.12	—	1,929	1,929	0.17	< 0.005	—	1,935
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartme nts Mid Rise	0.18	0.09	1.52	0.65	0.01	0.12	—	0.12	0.12	—	0.12	—	1,929	1,929	0.17	< 0.005	—	1,935
Total	0.18	0.09	1.52	0.65	0.01	0.12	—	0.12	0.12	—	0.12	—	1,929	1,929	0.17	< 0.005	—	1,935
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartme nts Mid Rise	0.03	0.02	0.28	0.12	< 0.005	0.02	—	0.02	0.02	—	0.02	—	319	319	0.03	< 0.005	—	320
Total	0.03	0.02	0.28	0.12	< 0.005	0.02	—	0.02	0.02	—	0.02	—	319	319	0.03	< 0.005	—	320

### 4.3. Area Emissions by Source

#### 4.3.1. Unmitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Consum er Product s	11.1	11.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coating s	0.18	0.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landscape	2.82	2.67	0.29	30.8	< 0.005	0.01	—	0.01	0.01	—	0.01	—	82.2	82.2	< 0.005	< 0.005	—	82.5
Total	14.1	14.0	0.29	30.8	< 0.005	0.01	—	0.01	0.01	—	0.01	0.00	82.2	82.2	< 0.005	< 0.005	—	82.5
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	11.1	11.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.18	0.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	11.3	11.3	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	2.03	2.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.03	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.35	0.33	0.04	3.85	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.32	9.32	< 0.005	< 0.005	—	9.36
Total	2.42	2.40	0.04	3.85	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	9.32	9.32	< 0.005	< 0.005	—	9.36

#### 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	114	343	457	0.42	0.25	—	543
Total	—	—	—	—	—	—	—	—	—	—	—	114	343	457	0.42	0.25	—	543
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	114	343	457	0.42	0.25	—	543
Total	—	—	—	—	—	—	—	—	—	—	—	114	343	457	0.42	0.25	—	543
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	18.8	56.9	75.7	0.07	0.04	—	89.9
Total	—	—	—	—	—	—	—	—	—	—	—	18.8	56.9	75.7	0.07	0.04	—	89.9

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	216	0.00	216	21.6	0.00	—	756
Total	—	—	—	—	—	—	—	—	—	—	—	216	0.00	216	21.6	0.00	—	756
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	216	0.00	216	21.6	0.00	—	756
Total	—	—	—	—	—	—	—	—	—	—	—	216	0.00	216	21.6	0.00	—	756
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	35.8	0.00	35.8	3.57	0.00	—	125
Total	—	—	—	—	—	—	—	—	—	—	—	35.8	0.00	35.8	3.57	0.00	—	125

## 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.73	3.73
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.73	3.73
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Apartments	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.73	3.73
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.73	3.73
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.62	0.62
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.62	0.62

### 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	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
Apartments Mid Rise	2,461	2,477	2,043	877,235	18,351	18,472	15,238	6,542,077

## 5.10. Operational Area Sources

### 5.10.1. Hearths

#### 5.10.1.1. Unmitigated

Hearth Type	Unmitigated (number)
Apartments Mid Rise	—
Wood Fireplaces	0
Gas Fireplaces	0
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	0
Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	0
Pellet Wood Stoves	0

### 5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
1053648	351,216	0.00	0.00	—

### 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)
Apartments Mid Rise	1,986,882	346	0.0330	0.0040	6,019,909

### 5.12. Operational Water and Wastewater Consumption

#### 5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Apartments Mid Rise	53,197,655	0.00

### 5.13. Operational Waste Generation

#### 5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Apartments Mid Rise	401	—

### 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
Apartments Mid Rise	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Apartments Mid 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
Construction: Construction Phases	assuming same building construction duration as Proposed Project of 280 days

Construction: Off-Road Equipment	accounts for Mitigation Measure AQ-1, which requires use of construction equipment rated by the United States Environmental Protection Agency as having Tier 4 interim or higher exhaust emission limits
Construction: Architectural Coatings	Applies Mitigation Measure AQ-1 for super compliant paints according to South Coast AQMD
Operations: Hearths	assumes no fireplaces
Land Use	updated lot acreage to match proposed project
Operations: Architectural Coatings	Applies Mitigation Measure AQ-1 for super compliant paints according to South Coast AQMD.
Operations: Water and Waste Water	Assumes 100% aerobic treatment. Total potable water demand based on 542 Dus, 1,602 residents, and 91 water demand per capita per day from City of Fountain Valley 2020 UWMP.
Operations: Fleet Mix	Fleet mix for the project is modified to reflect a higher proportion of passenger vehicles than the regional VMT. Assumes a mix of approximately 97% passenger vehicles, 2% medium duty trucks, and 1% heavy duty trucks and buses.
Operations: Vehicle Data	Calculated average weekday and weekend daily trips for 542 DU based on ITE Trip Generation Manual 11th Edition (2021).

# **Emissions Worksheet**

**Overlapping Construction Schedule (CalEEMod)**

	<b>Construction Activities</b>	<b>Start Date</b>	<b>End Date</b>	<b>CalEEMod Duration (Workday)</b>
1	P0 Site Preparation and P0 Rough Grading	6/1/2025	6/15/2025	10
2	P0 Rough Grading	6/16/2025	7/30/2025	33
3	P2 Fine Grading and P3 Fine Grading	8/1/2025	10/16/2025	55
4	P2 Utility Trenching and P3 Utility Trenching	10/17/2025	11/13/2025	20
5	P2 Building Construction and P2 Crane 2025	11/14/2025	12/31/2025	34
6	P2 Building Construction and P2 Crane 2026	1/1/2026	1/14/2026	10
7	P2 Building Construction, P2 Crane, P1 Fine Grading, and P1 Building Construction	1/15/2026	2/5/2026	16
8	P2 Building Construction, P1 Fine Grading, and P1 Building Construction	2/6/2026	4/15/2026	49
9	P2 Building Construction, P1 Fine Grading, P1 Building Construction, P3 Crane, and P3 Building Construction	4/16/2026	5/1/2026	12
10	P2 Building Construction, P1 Building Construction, P3 Crane, P3 Building Construction, and P1 Utility Trenching	5/2/2026	7/8/2026	48
11	P2 Building Construction, P1 Building Construction, P3 Building Construction, and P1 Utility Trenching	7/9/2026	8/27/2026	36
12	P2 Building Construction, P1 Building Construction, and P3 Building Construction	8/28/2026	11/6/2026	51
13	P2 Building Construction, P1 Building Construction, P3 Building Construction, and P2 Architectural Coating 2026	11/7/2026	12/31/2026	39
14	P2 Building Construction, P1 Building Construction, P3 Building Construction, and P2 Architectural Coating 2027	1/1/2027	2/13/2027	31
15	P2 Building Construction, P1 Building Construction, P3 Building Construction, P2 Architectural Coating, and P3 Architectural Coating	2/14/2027	5/10/2027	61
16	P2 Building Construction, P1 Building Construction, P3 Building Construction, and P3 Architectural Coating	5/11/2027	5/31/2027	15
17	P2 Building Construction, P1 Building Construction, P3 Building Construction, P3 Architectural Coating, and P2 Finishing and Landscaping	6/1/2027	8/12/2027	53
18	P1 Building Construction, P3 Building Construction, P3 Architectural Coating, P2 Finishing and Landscaping, and P2 Paving	8/13/2027	8/15/2027	1
19	P1 Building Construction, P3 Building Construction, P2 Finishing and Landscaping, and P2 Paving	8/16/2027	10/22/2027	50
20	P1 Building Construction, P3 Building Construction, P2 Finishing and Landscaping, P2 Paving, and P3 Finishing and Landscaping	10/23/2027	11/17/2027	18
21	P1 Building Construction, P3 Building Construction, P2 Paving, and P3 Finishing and Landscaping	11/18/2027	11/18/2027	1
22	P1 Building Construction, P3 Building Construction, and P3 Finishing and Landscaping	11/19/2027	12/16/2027	20
23	P1 Building Construction, P3 Finishing and Landscaping, and P3 Paving 2027	12/17/2027	12/31/2027	11
24	P1 Building Construction, P3 Finishing and Landscaping, and P3 Paving 2028	1/1/2028	2/17/2028	34
25	P1 Building Construction and P3 Finishing and Landscaping	2/18/2028	2/21/2028	2
26	P1 Building Construction 2028	2/22/2028	12/31/2028	224
27	P1 Building Construction 2029	1/1/2029	6/4/2029	111
28	P1 Building Construction, P1 Paving, P1 Architectural Coating, and P1 Finishing and Landscaping	6/5/2029	8/15/2029	52

## Regional Construction Emissions Worksheet: Euclid & Heil Residential

3.1. P0 Site Preparation (2025) - Unmitigated		2					
		ROG	NOx	CO	SO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>					
	Off-Road Equipment	0.40	9.04	17.50	0.03	0.06	0.06
	Dust From Material Movement	0.00	0.00	0.00	0.00	3.41	1.75
	Onsite truck	0.01	0.02	0.01	0.01	0.61	0.06
	<b>Total</b>	<b>0.41</b>	<b>9.06</b>	<b>17.51</b>	<b>0.04</b>	<b>4.08</b>	<b>1.87</b>
Offsite							
	Worker	0.04	0.03	0.56	0.00	0.13	0.03
	Vendor	0.01	0.40	0.20	0.01	0.11	0.03
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.05</b>	<b>0.43</b>	<b>0.76</b>	<b>0.01</b>	<b>0.24</b>	<b>0.06</b>
<b>TOTAL</b>		<b>0.46</b>	<b>9.49</b>	<b>18.27</b>	<b>0.04</b>	<b>4.32</b>	<b>1.93</b>

3.3. P0 Rough Grading (2025) - Unmitigated		2					
		ROG	NOx	CO	SO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>					
	Off-Road Equipment	0.95	18.90	35.40	0.06	0.17	0.17
	Dust From Material Movement	0.00	0.00	0.00	0.00	2.41	0.95
	Onsite truck	0.01	0.03	0.01	0.01	1.22	0.12
	<b>Total</b>	<b>0.96</b>	<b>18.93</b>	<b>35.41</b>	<b>0.07</b>	<b>3.80</b>	<b>1.24</b>
Offsite							
	Worker	0.07	0.07	1.12	0.00	0.26	0.06
	Vendor	0.02	0.73	0.36	0.01	0.19	0.06
	Hauling	0.20	11.20	4.97	0.06	2.52	0.79
	<b>Total</b>	<b>0.29</b>	<b>12.00</b>	<b>6.45</b>	<b>0.07</b>	<b>2.97</b>	<b>0.91</b>
<b>TOTAL</b>		<b>1.25</b>	<b>30.93</b>	<b>41.86</b>	<b>0.13</b>	<b>6.77</b>	<b>2.15</b>

3.1. P1 Fine Grading (2026) - Unmitigated		2					
		ROG	NOx	CO	SO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>					
	Off-Road Equipment	0.95	18.90	35.40	0.06	0.17	0.16
	Dust From Material Movement	0.00	0.00	0.00	0.00	2.39	0.95
	Onsite truck	0.01	0.02	0.01	0.01	1.22	0.12
	<b>Total</b>	<b>0.96</b>	<b>18.92</b>	<b>35.41</b>	<b>0.07</b>	<b>3.78</b>	<b>1.23</b>
Offsite							
	Worker	0.07	0.06	1.05	0.00	0.26	0.06
	Vendor	0.02	0.73	0.37	0.01	0.20	0.06
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.09</b>	<b>0.79</b>	<b>1.42</b>	<b>0.01</b>	<b>0.46</b>	<b>0.12</b>
<b>TOTAL</b>		<b>1.05</b>	<b>19.71</b>	<b>36.83</b>	<b>0.08</b>	<b>4.24</b>	<b>1.35</b>

3.3. P1 Building Construction (2026) - Unmitigated		2					
		ROG	NOx	CO	SO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>					
	Off-Road Equipment	0.45	7.05	10.70	0.02	0.09	0.08
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.45</b>	<b>7.05</b>	<b>10.70</b>	<b>0.02</b>	<b>0.09</b>	<b>0.08</b>
Offsite							
	Worker	0.53	0.48	8.32	0.00	2.06	0.48
	Vendor	0.02	0.75	0.38	0.01	0.21	0.06
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.55</b>	<b>1.23</b>	<b>8.70</b>	<b>0.01</b>	<b>2.27</b>	<b>0.54</b>
<b>TOTAL</b>		<b>1.00</b>	<b>8.28</b>	<b>19.40</b>	<b>0.03</b>	<b>2.36</b>	<b>0.62</b>

3.5. P1 Building Construction (2027) - Unmitigated							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>					
	Off-Road Equipment	0.44	7.01	10.70	0.02	0.08	0.08
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.44</b>	<b>7.01</b>	<b>10.70</b>	<b>0.02</b>	<b>0.08</b>	<b>0.08</b>
Offsite							
	Worker	0.45	0.47	7.80	0.00	2.06	0.48
	Vendor	0.02	0.72	0.36	0.01	0.21	0.06
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.47</b>	<b>1.19</b>	<b>8.16</b>	<b>0.01</b>	<b>2.27</b>	<b>0.54</b>
<b>TOTAL</b>		<b>0.91</b>	<b>8.20</b>	<b>18.86</b>	<b>0.03</b>	<b>2.35</b>	<b>0.62</b>

3.7. P1 Building Construction (2028) - Unmitigated							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>					
	Off-Road Equipment	0.43	6.97	10.70	0.02	0.08	0.07
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.43</b>	<b>6.97</b>	<b>10.70</b>	<b>0.02</b>	<b>0.08</b>	<b>0.07</b>
Offsite							
	Worker	0.44	0.41	7.36	0.00	2.06	0.48
	Vendor	0.01	0.69	0.35	0.01	0.21	0.06
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.45</b>	<b>1.10</b>	<b>7.71</b>	<b>0.01</b>	<b>2.27</b>	<b>0.54</b>
<b>TOTAL</b>		<b>0.88</b>	<b>8.07</b>	<b>18.41</b>	<b>0.03</b>	<b>2.35</b>	<b>0.61</b>

3.9. P1 Building Construction (2029) - Unmitigated							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>					
	Off-Road Equipment	0.42	6.95	10.70	0.02	0.07	0.07
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.42</b>	<b>6.95</b>	<b>10.70</b>	<b>0.02</b>	<b>0.07</b>	<b>0.07</b>
Offsite							
	Worker	0.42	0.40	6.92	0.00	2.06	0.48
	Vendor	0.01	0.66	0.33	0.01	0.21	0.06
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.43</b>	<b>1.06</b>	<b>7.25</b>	<b>0.01</b>	<b>2.27</b>	<b>0.54</b>
<b>TOTAL</b>		<b>0.85</b>	<b>8.01</b>	<b>17.95</b>	<b>0.03</b>	<b>2.34</b>	<b>0.61</b>

3.11. P1 Paving (2029) - Unmitigated							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>					
	Off-Road Equipment	0.42	6.69	10.60	0.01	0.08	0.08
	Paving	0.25	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.67</b>	<b>6.69</b>	<b>10.60</b>	<b>0.01</b>	<b>0.08</b>	<b>0.08</b>
Offsite							
	Worker	0.04	0.04	0.66	0.00	0.20	0.05
	Vendor	0.01	0.06	0.03	0.01	0.02	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.05</b>	<b>0.10</b>	<b>0.69</b>	<b>0.01</b>	<b>0.22</b>	<b>0.06</b>
<b>TOTAL</b>		<b>0.72</b>	<b>6.79</b>	<b>11.29</b>	<b>0.02</b>	<b>0.30</b>	<b>0.14</b>

3.13. P1 Architectural Coating (2029) - Unmitigated							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>					
	Off-Road Equipment	0.10	0.79	1.11	0.01	0.01	0.01
	Architectural Coating	10.50	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>10.60</b>	<b>0.79</b>	<b>1.11</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>
Offsite							
	Worker	0.08	0.08	1.38	0.00	0.41	0.10
	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
	<b>Total</b>	<b>0.08</b>	<b>0.08</b>	<b>1.38</b>	<b>0.00</b>	<b>0.41</b>	<b>0.10</b>
<b>TOTAL</b>		<b>10.68</b>	<b>0.87</b>	<b>2.49</b>	<b>0.01</b>	<b>0.42</b>	<b>0.11</b>

**3.15. P1 Utility Trenching (2026) - Unmitigated**

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	<b>Summer</b>						
	Off-Road Equipment	0.18	3.27	4.76	0.01	0.08	0.07
	Onsite truck	0.01	0.01	0.01	0.01	0.15	0.02
	<b>Total</b>	<b>0.19</b>	<b>3.28</b>	<b>4.77</b>	<b>0.02</b>	<b>0.23</b>	<b>0.09</b>
Offsite	Worker	0.03	0.02	0.40	0.00	0.10	0.02
	Vendor	0.01	0.13	0.06	0.01	0.04	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.04</b>	<b>0.15</b>	<b>0.46</b>	<b>0.01</b>	<b>0.14</b>	<b>0.03</b>
<b>TOTAL</b>	<b>0.22</b>	<b>3.43</b>	<b>5.23</b>	<b>0.02</b>	<b>0.37</b>	<b>0.12</b>	

**3.17. P1 Finishing and Landscaping (2029) - Unmitigated**

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	<b>Summer</b>						
	Off-Road Equipment	0.09	2.45	3.74	0.01	0.06	0.05
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.09</b>	<b>2.45</b>	<b>3.74</b>	<b>0.01</b>	<b>0.06</b>	<b>0.05</b>
Offsite	Worker	0.01	0.01	0.22	0.00	0.07	0.02
	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
	<b>Total</b>	<b>0.01</b>	<b>0.01</b>	<b>0.22</b>	<b>0.00</b>	<b>0.07</b>	<b>0.02</b>
<b>TOTAL</b>	<b>0.10</b>	<b>2.46</b>	<b>3.96</b>	<b>0.01</b>	<b>0.13</b>	<b>0.07</b>	

**3.1. P2 Fine Grading (2025) - Unmitigated**

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	<b>Summer</b>						
	Off-Road Equipment	0.47	10.00	17.80	0.03	0.08	0.08
	Dust from Material Movement	0.00	0.00	0.00	0.00	1.84	0.89
	Onsite truck	0.00	0.00	0.00	0.00	1.84	0.89
	<b>Total</b>	<b>0.47</b>	<b>10.00</b>	<b>17.80</b>	<b>0.03</b>	<b>3.76</b>	<b>1.86</b>
Offsite	Worker	0.05	0.05	0.84	0.00	0.20	0.05
	Vendor	0.02	0.56	0.28	0.01	0.15	0.04
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.07</b>	<b>0.61</b>	<b>1.12</b>	<b>0.01</b>	<b>0.35</b>	<b>0.09</b>
<b>TOTAL</b>	<b>0.54</b>	<b>10.61</b>	<b>18.92</b>	<b>0.04</b>	<b>4.11</b>	<b>1.95</b>	

**3.3. P2 Building Construction (2025) - Unmitigated**

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	<b>Winter</b>						
	Off-Road Equipment	0.47	7.10	10.70	0.02	0.10	0.09
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.47</b>	<b>7.10</b>	<b>10.70</b>	<b>0.02</b>	<b>0.10</b>	<b>0.09</b>
Offsite	Worker	1.03	1.15	14.20	0.00	3.82	0.90
	Vendor	0.05	2.11	1.03	0.01	0.54	0.16
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>1.08</b>	<b>3.26</b>	<b>15.23</b>	<b>0.01</b>	<b>4.36</b>	<b>1.06</b>
<b>TOTAL</b>	<b>1.55</b>	<b>10.36</b>	<b>25.93</b>	<b>0.03</b>	<b>4.46</b>	<b>1.15</b>	

### 3.5. P2 Building Construction (2026) - Unmitigated

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	<b>Summer</b>						
	Off-Road Equipment	0.45	7.05	10.70	0.02	0.09	0.08
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.45</b>	<b>7.05</b>	<b>10.70</b>	<b>0.02</b>	<b>0.09</b>	<b>0.08</b>
Offsite	Worker	0.99	0.89	15.40	0.00	3.82	0.90
	Vendor	0.04	1.95	0.98	0.01	0.54	0.16
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>1.03</b>	<b>2.84</b>	<b>16.38</b>	<b>0.01</b>	<b>4.36</b>	<b>1.06</b>
<b>TOTAL</b>	<b>1.48</b>	<b>9.89</b>	<b>27.08</b>	<b>0.03</b>	<b>4.45</b>	<b>1.14</b>	

### 3.7. P2 Building Construction (2027) - Unmitigated

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	<b>Summer</b>						
	Off-Road Equipment	0.44	7.01	10.70	0.02	0.08	0.08
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.44</b>	<b>7.01</b>	<b>10.70</b>	<b>0.02</b>	<b>0.08</b>	<b>0.08</b>
Offsite	Worker	0.83	0.88	14.50	0.00	3.82	0.90
	Vendor	0.04	1.88	0.93	0.01	0.54	0.16
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.87</b>	<b>2.76</b>	<b>15.43</b>	<b>0.01</b>	<b>4.36</b>	<b>1.06</b>
<b>TOTAL</b>	<b>1.31</b>	<b>9.77</b>	<b>26.13</b>	<b>0.03</b>	<b>4.44</b>	<b>1.14</b>	

### 3.9. P2 Paving (2027) - Unmitigated

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	<b>Summer</b>						
	Off-Road Equipment	0.43	6.21	9.35	0.01	0.10	0.09
	Paving	0.05	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.48</b>	<b>6.21</b>	<b>9.35</b>	<b>0.01</b>	<b>0.10</b>	<b>0.09</b>
Offsite	Worker	0.06	0.06	0.99	0.00	0.26	0.06
	Vendor	0.01	0.06	0.03	0.01	0.02	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.07</b>	<b>0.12</b>	<b>1.02</b>	<b>0.01</b>	<b>0.28</b>	<b>0.07</b>
<b>TOTAL</b>	<b>0.55</b>	<b>6.33</b>	<b>10.37</b>	<b>0.02</b>	<b>0.38</b>	<b>0.16</b>	

### 3.11. P2 Architectural Coating (2026) - Unmitigated

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	<b>Winter</b>						
	Off-Road Equipment	0.12	0.86	1.13	0.01	0.02	0.02
	Architectural Coating	3.36	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>3.48</b>	<b>0.86</b>	<b>1.13</b>	<b>0.01</b>	<b>0.02</b>	<b>0.02</b>
Offsite	Worker	0.20	0.20	2.66	0.00	0.76	0.18
	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
	<b>Total</b>	<b>0.20</b>	<b>0.20</b>	<b>2.66</b>	<b>0.00</b>	<b>0.76</b>	<b>0.18</b>
<b>TOTAL</b>	<b>3.68</b>	<b>1.06</b>	<b>3.79</b>	<b>0.01</b>	<b>0.78</b>	<b>0.20</b>	

### 3.13. P2 Architectural Coating (2027) - Unmitigated

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	<b>Summer</b>						
	Off-Road Equipment	0.11	0.83	1.13	0.01	0.02	0.02
	Architectural Coating	3.36	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>3.47</b>	<b>0.83</b>	<b>1.13</b>	<b>0.01</b>	<b>0.02</b>	<b>0.02</b>
Offsite	Worker	0.17	0.18	2.89	0.00	0.76	0.18
	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
	<b>Total</b>	<b>0.17</b>	<b>0.18</b>	<b>2.89</b>	<b>0.00</b>	<b>0.76</b>	<b>0.18</b>
<b>TOTAL</b>	<b>3.64</b>	<b>1.01</b>	<b>4.02</b>	<b>0.01</b>	<b>0.78</b>	<b>0.20</b>	

3.15. P2 Finishing and Landscaping (2027) - Unmitigated							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>					
	Off-Road Equipment	0.09	2.45	3.74	0.01	0.06	0.05
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.09</b>	<b>2.45</b>	<b>3.74</b>	<b>0.01</b>	<b>0.06</b>	<b>0.05</b>
Offsite	Worker	0.01	0.01	0.25	0.00	0.07	0.02
	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
	<b>Total</b>	<b>0.01</b>	<b>0.01</b>	<b>0.25</b>	<b>0.00</b>	<b>0.07</b>	<b>0.02</b>
<b>TOTAL</b>		<b>0.10</b>	<b>2.46</b>	<b>3.99</b>	<b>0.01</b>	<b>0.13</b>	<b>0.07</b>

3.17. P2 Crane (2025) - Unmitigated							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		<b>Winter</b>					
	Off-Road Equipment	0.10	2.12	4.27	0.01	0.02	0.02
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.10</b>	<b>2.12</b>	<b>4.27</b>	<b>0.01</b>	<b>0.02</b>	<b>0.02</b>
Offsite	Worker	0.01	0.01	0.12	0.00	0.03	0.01
	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
	<b>Total</b>	<b>0.01</b>	<b>0.01</b>	<b>0.12</b>	<b>0.00</b>	<b>0.03</b>	<b>0.01</b>
<b>TOTAL</b>		<b>0.11</b>	<b>2.13</b>	<b>4.39</b>	<b>0.01</b>	<b>0.05</b>	<b>0.03</b>

3.19. P2 Crane (2026) - Unmitigated							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		<b>Winter</b>					
	Off-Road Equipment	0.10	2.12	4.27	0.01	0.02	0.02
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.10</b>	<b>2.12</b>	<b>4.27</b>	<b>0.01</b>	<b>0.02</b>	<b>0.02</b>
Offsite	Worker	0.01	0.01	0.11	0.00	0.03	0.01
	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
	<b>Total</b>	<b>0.01</b>	<b>0.01</b>	<b>0.11</b>	<b>0.00</b>	<b>0.03</b>	<b>0.01</b>
<b>TOTAL</b>		<b>0.11</b>	<b>2.13</b>	<b>4.38</b>	<b>0.01</b>	<b>0.05</b>	<b>0.03</b>

3.21. P2 Utility Trenching (2025) - Unmitigated							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		<b>Winter</b>					
	Off-Road Equipment	0.18	3.28	4.76	0.01	0.08	0.08
	Onsite truck	0.01	0.02	0.01	0.01	0.15	0.02
	<b>Total</b>	<b>0.19</b>	<b>3.30</b>	<b>4.77</b>	<b>0.02</b>	<b>0.23</b>	<b>0.10</b>
Offsite	Worker	0.03	0.03	0.36	0.00	0.10	0.02
	Vendor	0.01	0.14	0.07	0.01	0.04	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.04</b>	<b>0.17</b>	<b>0.43</b>	<b>0.01</b>	<b>0.14</b>	<b>0.03</b>
<b>TOTAL</b>		<b>0.22</b>	<b>3.47</b>	<b>5.20</b>	<b>0.02</b>	<b>0.37</b>	<b>0.13</b>

3.1. P3 Fine Grading (2025) - Unmitigated							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>					
	Off-Road Equipment	0.23	5.53	10.40	0.02	0.03	0.03
	Dust from Material Movement	0.00	0.00	0.00	0.00	1.59	0.78
	Onsite truck	0.01	0.02	0.01	0.01	0.36	0.04
	<b>Total</b>	<b>0.24</b>	<b>5.55</b>	<b>10.41</b>	<b>0.03</b>	<b>1.98</b>	<b>0.85</b>
Offsite	Worker	0.03	0.03	0.42	0.00	0.10	0.02
	Vendor	0.01	0.30	0.15	0.01	0.08	0.02
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.04</b>	<b>0.33</b>	<b>0.57</b>	<b>0.01</b>	<b>0.18</b>	<b>0.04</b>
<b>TOTAL</b>		<b>0.28</b>	<b>5.88</b>	<b>10.98</b>	<b>0.03</b>	<b>2.16</b>	<b>0.89</b>

**3.3. P3 Building Construction (2026) - Unmitigated**

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	<b>Summer</b>						
	Off-Road Equipment	0.12	3.29	5.66	0.01	0.02	0.02
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.12</b>	<b>3.29</b>	<b>5.66</b>	<b>0.01</b>	<b>0.02</b>	<b>0.02</b>
Offsite	Worker	0.24	0.22	3.73	0.00	0.92	0.22
	Vendor	0.01	0.42	0.21	0.01	0.12	0.03
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.25</b>	<b>0.64</b>	<b>3.94</b>	<b>0.01</b>	<b>1.04</b>	<b>0.25</b>
<b>TOTAL</b>	<b>0.37</b>	<b>3.93</b>	<b>9.60</b>	<b>0.02</b>	<b>1.06</b>	<b>0.27</b>	

**3.5. P3 Building Construction (2027) - Unmitigated**

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	<b>Summer</b>						
	Off-Road Equipment	0.12	3.29	5.66	0.01	0.02	0.02
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.12</b>	<b>3.29</b>	<b>5.66</b>	<b>0.01</b>	<b>0.02</b>	<b>0.02</b>
Offsite	Worker	0.20	0.21	3.50	0.00	0.92	0.22
	Vendor	0.01	0.40	0.20	0.01	0.12	0.03
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.21</b>	<b>0.61</b>	<b>3.70</b>	<b>0.01</b>	<b>1.04</b>	<b>0.25</b>
<b>TOTAL</b>	<b>0.33</b>	<b>3.90</b>	<b>9.36</b>	<b>0.02</b>	<b>1.06</b>	<b>0.27</b>	

**3.7. P3 Paving (2027) - Unmitigated**

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	<b>Winter</b>						
	Off-Road Equipment	0.36	4.16	5.55	0.01	0.09	0.08
	Paving	0.01	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.37</b>	<b>4.16</b>	<b>5.55</b>	<b>0.01</b>	<b>0.09</b>	<b>0.08</b>
Offsite	Worker	0.05	0.05	0.74	0.00	0.23	0.05
	Vendor	0.01	0.06	0.03	0.01	0.02	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.06</b>	<b>0.11</b>	<b>0.77</b>	<b>0.01</b>	<b>0.25</b>	<b>0.06</b>
<b>TOTAL</b>	<b>0.43</b>	<b>4.27</b>	<b>6.32</b>	<b>0.02</b>	<b>0.34</b>	<b>0.14</b>	

**3.9. P3 Paving (2028) - Unmitigated**

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	<b>Winter</b>						
	Off-Road Equipment	0.35	4.14	5.54	0.01	0.09	0.08
	Paving	0.01	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.36</b>	<b>4.14</b>	<b>5.54</b>	<b>0.01</b>	<b>0.09</b>	<b>0.08</b>
Offsite	Worker	0.05	0.05	0.70	0.00	0.23	0.05
	Vendor	0.01	0.06	0.03	0.01	0.02	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.06</b>	<b>0.11</b>	<b>0.73</b>	<b>0.01</b>	<b>0.25</b>	<b>0.06</b>
<b>TOTAL</b>	<b>0.42</b>	<b>4.25</b>	<b>6.27</b>	<b>0.02</b>	<b>0.34</b>	<b>0.14</b>	

**3.11. P3 Architectural Coating (2027) - Unmitigated**

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	<b>Summer</b>						
	Off-Road Equipment	0.11	0.83	1.13	0.01	0.02	0.02
	Architectural Coating	1.09	0.00	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>1.20</b>	<b>0.83</b>	<b>1.13</b>	<b>0.01</b>	<b>0.02</b>	<b>0.02</b>
Offsite	Worker	0.04	0.04	0.70	0.00	0.18	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
	<b>Total</b>	<b>0.04</b>	<b>0.04</b>	<b>0.70</b>	<b>0.00</b>	<b>0.18</b>	<b>0.04</b>
<b>TOTAL</b>	<b>1.24</b>	<b>0.87</b>	<b>1.83</b>	<b>0.01</b>	<b>0.20</b>	<b>0.06</b>	

**3.13. P3 Utility Trenching (2025) - Unmitigated**

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	<b>Winter</b>						
	Off-Road Equipment	0.18	3.28	4.76	0.01	0.08	0.08
	Onsite truck	0.01	0.02	0.01	0.01	0.15	0.02
	<b>Total</b>	<b>0.19</b>	<b>3.30</b>	<b>4.77</b>	<b>0.02</b>	<b>0.23</b>	<b>0.10</b>
Offsite	Worker	0.03	0.03	0.36	0.00	0.10	0.02
	Vendor	0.01	0.14	0.07	0.01	0.04	0.01
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.04</b>	<b>0.17</b>	<b>0.43</b>	<b>0.01</b>	<b>0.14</b>	<b>0.03</b>
<b>TOTAL</b>	<b>0.22</b>	<b>3.47</b>	<b>5.20</b>	<b>0.02</b>	<b>0.37</b>	<b>0.13</b>	

**3.15. P3 Crane (2026) - Unmitigated**

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	<b>Summer</b>						
	Off-Road Equipment	0.08	1.82	3.66	0.01	0.01	0.01
	<b>Total</b>	<b>0.08</b>	<b>1.82</b>	<b>3.66</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>
Offsite	Worker	0.01	0.01	0.13	0.00	0.03	0.01
	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
	<b>Total</b>	<b>0.01</b>	<b>0.01</b>	<b>0.13</b>	<b>0.00</b>	<b>0.03</b>	<b>0.01</b>
<b>TOTAL</b>	<b>0.09</b>	<b>1.83</b>	<b>3.79</b>	<b>0.01</b>	<b>0.04</b>	<b>0.02</b>	

**3.17. P3 Finishing and Landscaping (2027) - Unmitigated**

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	<b>Winter</b>						
	Off-Road Equipment	0.09	2.45	3.74	0.01	0.06	0.05
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.09</b>	<b>2.45</b>	<b>3.74</b>	<b>0.01</b>	<b>0.06</b>	<b>0.05</b>
Offsite	Worker	0.01	0.02	0.21	0.00	0.07	0.02
	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
	<b>Total</b>	<b>0.01</b>	<b>0.02</b>	<b>0.21</b>	<b>0.00</b>	<b>0.07</b>	<b>0.02</b>
<b>TOTAL</b>	<b>0.10</b>	<b>2.47</b>	<b>3.95</b>	<b>0.01</b>	<b>0.13</b>	<b>0.07</b>	

**3.19. P3 Finishing and Landscaping (2028) - Unmitigated**

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	<b>Winter</b>						
	Off-Road Equipment	0.09	2.45	3.74	0.01	0.06	0.05
	Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.09</b>	<b>2.45</b>	<b>3.74</b>	<b>0.01</b>	<b>0.06</b>	<b>0.05</b>
Offsite	Worker	0.01	0.02	0.20	0.00	0.07	0.02
	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
	<b>Total</b>	<b>0.01</b>	<b>0.02</b>	<b>0.20</b>	<b>0.00</b>	<b>0.07</b>	<b>0.02</b>
<b>TOTAL</b>	<b>0.10</b>	<b>2.47</b>	<b>3.94</b>	<b>0.01</b>	<b>0.13</b>	<b>0.07</b>	

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
<i>P0 Site Preparation and P0 Rough Grading</i>	2	40	60	0	11	4
<i>P0 Rough Grading</i>	1	31	42	0	7	2
<i>P2 Fine Grading and P3 Fine Grading</i>	1	16	30	0	6	3
<i>P2 Utility Trenching and P3 Utility Trenching</i>	0	7	10	0	1	0
<i>P2 Building Construction and P2 Crane 2025</i>	2	12	30	0	5	1
<i>P2 Building Construction and P2 Crane 2026</i>	2	12	31	0	5	1
<i>P2 Building Construction, P2 Crane, P1 Fine Grading, and P1 Building Construction</i>	4	40	88	0	11	3
<i>P2 Building Construction, P1 Fine Grading, and P1 Building Construction</i>	4	38	83	0	11	3
<i>P2 Building Construction, P1 Fine Grading, P1 Building Construction, P3 Crane, and P3 Building Construction</i>	4	44	97	0	12	3
<i>P2 Building Construction, P1 Building Construction, P3 Crane, P3 Building Construction, and P1 Utility Trenching</i>	3	27	65	0	8	2
<i>P2 Building Construction, P1 Building Construction, P3 Building Construction, and P1 Utility Trenching</i>	3	26	61	0	8	2
<i>P2 Building Construction, P1 Building Construction, and P3 Building Construction</i>	3	22	56	0	8	2
<i>P2 Building Construction, P1 Building Construction, P3 Building Construction, and P2 Architectural Coating 2026</i>	7	23	60	0	9	2
<i>P2 Building Construction, P1 Building Construction, P3 Building Construction, and P2 Architectural Coating 2027</i>	6	23	58	0	9	2
<i>P2 Building Construction, P1 Building Construction, P3 Building Construction, P2 Architectural Coating, and P3 Architectural Coating</i>	7	24	60	0	9	2
<i>P2 Building Construction, P1 Building Construction, P3 Building Construction, and P3 Architectural Coating</i>	4	23	56	0	8	2
<i>P2 Building Construction, P1 Building Construction, P3 Building Construction, P3 Architectural Coating, and P2 Finishing and Landscaping</i>	4	25	60	0	8	2

<i>P1 Building Construction, P3 Building Construction, P3 Architectural Coating, P2 Finishing and Landscaping, and P2 Paving</i>	4	28	61	0	8	2
<i>P1 Building Construction, P3 Building Construction, P2 Finishing and Landscaping, and P2 Paving</i>	2	21	43	0	4	1
<i>P1 Building Construction, P3 Building Construction, P2 Finishing and Landscaping, P2 Paving, and P3 Finishing and Landscaping</i>	2	23	47	0	4	1
<i>P1 Building Construction, P3 Building Construction, P2 Paving, and P3 Finishing and Landscaping</i>	2	21	43	0	4	1
<i>P1 Building Construction, P3 Building Construction, and P3 Finishing and Landscaping</i>	1	15	32	0	4	1
<i>P1 Building Construction, P3 Finishing and Landscaping, and P3 Paving 2027</i>	1	15	29	0	3	1
<i>P1 Building Construction, P3 Finishing and Landscaping, and P3 Paving 2028</i>	1	15	29	0	3	1
<i>P1 Building Construction and P3 Finishing and Landscaping</i>	1	11	22	0	2	1
<i>P1 Building Construction 2028</i>	1	8	18	0	2	1
<i>P1 Building Construction 2029</i>	1	8	18	0	2	1
<i>P1 Building Construction, P1 Paving, P1 Architectural Coating, and P1 Finishing and Landscaping</i>	12	18	36	0	3	1
<b>Proposed Project Maximum Daily Emissions</b>	<b>12</b>	<b>44</b>	<b>97</b>	<b>0</b>	<b>12</b>	<b>4</b>
Regional Thresholds	75	100	550	150	150	55
Exceeds Thresholds?	No	No	No	No	No	No

# Unmitigated Construction LSTs Worksheet: Euclid & Heil Residential

## 3.1. P0 Site Preparation (2025) - Unmitigated

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	9.04	17.50	0.06	0.06
	Dust From Material Movement	0.00	0.00	3.41	1.75
	Onsite truck	0.02	0.01	0.61	0.06
	<b>Total</b>	<b>9.06</b>	<b>17.51</b>	<b>4.08</b>	<b>1.87</b>

## 3.3. P0 Rough Grading (2025) - Unmitigated

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	18.90	35.40	0.17	0.17
	Dust From Material Movement	0.00	0.00	2.41	0.95
	Onsite truck	0.03	0.01	1.22	0.12
	<b>Total</b>	<b>18.93</b>	<b>35.41</b>	<b>3.80</b>	<b>1.24</b>

## 3.1. P1 Fine Grading (2026) - Unmitigated

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	18.90	35.40	0.17	0.16
	Dust From Material Movement	0.00	0.00	2.39	0.95
	Onsite truck	0.02	0.01	1.22	0.12
	<b>Total</b>	<b>18.92</b>	<b>35.41</b>	<b>3.78</b>	<b>1.23</b>

## 3.3. P1 Building Construction (2026) - Unmitigated

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	7.05	10.70	0.09	0.08
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>7.05</b>	<b>10.70</b>	<b>0.09</b>	<b>0.08</b>

## 3.5. P1 Building Construction (2027) - Unmitigated

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	7.01	10.70	0.08	0.08
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>7.01</b>	<b>10.70</b>	<b>0.08</b>	<b>0.08</b>

## 3.7. P1 Building Construction (2028) - Unmitigated

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	6.97	10.70	0.08	0.07
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>6.97</b>	<b>10.70</b>	<b>0.08</b>	<b>0.07</b>

## 3.9. P1 Building Construction (2029) - Unmitigated

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	6.95	10.70	0.07	0.07
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>6.95</b>	<b>10.70</b>	<b>0.07</b>	<b>0.07</b>

## 3.11. P1 Paving (2029) - Unmitigated

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	6.69	10.60	0.08	0.08
	Paving	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>6.69</b>	<b>10.60</b>	<b>0.08</b>	<b>0.08</b>

**3.13. P1 Architectural Coating (2029) - Unmitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	0.79	1.11	0.01	0.01
	Architectural Coating	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.79</b>	<b>1.11</b>	<b>0.01</b>	<b>0.01</b>

**3.15. P1 Utility Trenching (2026) - Unmitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	3.27	4.76	0.08	0.07
	Onsite truck	0.01	0.01	0.15	0.02
	<b>Total</b>	<b>3.28</b>	<b>4.77</b>	<b>0.23</b>	<b>0.09</b>

**3.17. P1 Finishing and Landscaping (2029) - Unmitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	2.45	3.74	0.06	0.05
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>2.45</b>	<b>3.74</b>	<b>0.06</b>	<b>0.05</b>

**3.1. P2 Fine Grading (2025) - Unmitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	10.00	17.80	0.08	0.08
	Dust From Material Movement	0.00	0.00	1.84	0.89
	Onsite truck	0.00	0.00	1.84	0.89
	<b>Total</b>	<b>10.00</b>	<b>17.80</b>	<b>3.76</b>	<b>1.86</b>

**3.3. P2 Building Construction (2025) - Unmitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Winter</b>			
	Off-Road Equipment	7.10	10.70	0.10	0.09
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>7.10</b>	<b>10.70</b>	<b>0.10</b>	<b>0.09</b>

**3.5. P2 Building Construction (2026) - Unmitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	7.05	10.70	0.09	0.08
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>7.05</b>	<b>10.70</b>	<b>0.09</b>	<b>0.08</b>

**3.7. P2 Building Construction (2027) - Unmitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	7.01	10.70	0.08	0.08
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>7.01</b>	<b>10.70</b>	<b>0.08</b>	<b>0.08</b>

**3.9. P2 Paving (2027) - Unmitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	6.21	9.35	0.10	0.09
	Paving	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>6.21</b>	<b>9.35</b>	<b>0.10</b>	<b>0.09</b>

**3.11. P2 Architectural Coating (2026) - Unmitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Winter</b>			
	Off-Road Equipment	0.86	1.13	0.02	0.02
	Architectural Coating	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.86</b>	<b>1.13</b>	<b>0.02</b>	<b>0.02</b>

**3.13. P2 Architectural Coating (2027) - Unmitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	0.83	1.13	0.02	0.02
	Architectural Coating	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.83</b>	<b>1.13</b>	<b>0.02</b>	<b>0.02</b>

**3.15. P2 Finishing and Landscaping (2027) - Unmitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	2.45	3.74	0.06	0.05
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>2.45</b>	<b>3.74</b>	<b>0.06</b>	<b>0.05</b>

**3.17. P2 Crane (2025) - Unmitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Winter</b>			
	Off-Road Equipment	2.12	4.27	0.02	0.02
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>2.12</b>	<b>4.27</b>	<b>0.02</b>	<b>0.02</b>

**3.19. P2 Crane (2026) - Unmitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Winter</b>			
	Off-Road Equipment	2.12	4.27	0.02	0.02
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>2.12</b>	<b>4.27</b>	<b>0.02</b>	<b>0.02</b>

**3.21. P2 Utility Trenching (2025) - Unmitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Winter</b>			
	Off-Road Equipment	3.28	4.76	0.08	0.08
	Onsite truck	0.02	0.01	0.15	0.02
	<b>Total</b>	<b>3.30</b>	<b>4.77</b>	<b>0.23</b>	<b>0.10</b>

**3.1. P3 Fine Grading (2025) - Unmitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	5.53	10.40	0.03	0.03
	Dust from Material Movement	0.00	0.00	1.59	0.78
	Onsite truck	0.02	0.01	0.36	0.04
	<b>Total</b>	<b>5.55</b>	<b>10.41</b>	<b>1.98</b>	<b>0.85</b>

**3.3. P3 Building Construction (2026) - Unmitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	3.29	5.66	0.02	0.02
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>3.29</b>	<b>5.66</b>	<b>0.02</b>	<b>0.02</b>

**3.5. P3 Building Construction (2027) - Unmitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	3.29	5.66	0.02	0.02
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>3.29</b>	<b>5.66</b>	<b>0.02</b>	<b>0.02</b>

**3.7. P3 Paving (2027) - Unmitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Winter</b>			
	Off-Road Equipment	4.16	5.55	0.09	0.08
	Paving	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>4.16</b>	<b>5.55</b>	<b>0.09</b>	<b>0.08</b>

**3.9. P3 Paving (2028) - Unmitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Winter</b>			
	Off-Road Equipment	4.14	5.54	0.09	0.08
	Architectural Coating	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>4.14</b>	<b>5.54</b>	<b>0.09</b>	<b>0.08</b>

**3.11. P3 Architectural Coating (2027) - Unmitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	0.83	1.13	0.02	0.02
	Architectural Coating	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.83</b>	<b>1.13</b>	<b>0.02</b>	<b>0.02</b>

**3.13. P3 Utility Trenching (2025) - Unmitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Winter</b>			
	Off-Road Equipment	3.28	4.76	0.08	0.08
	Onsite truck	0.02	0.01	0.15	0.02
	<b>Total</b>	<b>3.30</b>	<b>4.77</b>	<b>0.23</b>	<b>0.10</b>

**3.15. P3 Crane (2026) - Unmitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	1.82	3.66	0.01	0.01
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>1.82</b>	<b>3.66</b>	<b>0.01</b>	<b>0.01</b>

**3.17. P3 Finishing and Landscaping (2027) - Unmitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Winter</b>			
	Off-Road Equipment	2.45	3.74	0.06	0.05
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>2.45</b>	<b>3.74</b>	<b>0.06</b>	<b>0.05</b>

**3.19. P3 Finishing and Landscaping (2028) - Unmitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Winter</b>			
	Off-Road Equipment	2.45	3.74	0.06	0.05
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>2.45</b>	<b>3.74</b>	<b>0.06</b>	<b>0.05</b>

	NOx	CO	PM10 Total	PM2.5 Total
<i>P0 Site Preparation and P0 Rough Grading</i>	28	53	8	3
<i>P0 Rough Grading</i>	19	35	4	1
<i>P2 Fine Grading and P3 Fine Grading</i>	16	28	6	3
<i>P2 Utility Trenching and P3 Utility Trenching</i>	7	10	0	0
<i>P2 Building Construction and P2 Crane 2025</i>	9	15	0	0
<i>P2 Building Construction and P2 Crane 2026</i>	9	15	0	0
<i>P2 Building Construction, P2 Crane, P1 Fine Grading, and P1 Building Construction</i>	35	61	4	1
<i>P2 Building Construction, P1 Fine Grading, and P1 Building Construction</i>	33	57	4	1
<i>P2 Building Construction, P1 Fine Grading, P1 Building Construction, P3 Crane, and P3 Building Construction</i>	38	66	4	1
<i>P2 Building Construction, P1 Building Construction, P3 Crane, P3 Building Construction, and P1 Utility Trenching</i>	22	35	0	0
<i>P2 Building Construction, P1 Building Construction, P3 Building Construction, and P1 Utility Trenching</i>	21	32	0	0
<i>P2 Building Construction, P1 Building Construction, and P3 Building Construction</i>	17	27	0	0
<i>P2 Building Construction, P1 Building Construction, P3 Building Construction, and P2 Architectural Coating 2026</i>	18	28	0	0
<i>P2 Building Construction, P1 Building Construction, P3 Building Construction, and P2 Architectural Coating 2027</i>	18	28	0	0
<i>P2 Building Construction, P1 Building Construction, P3 Building Construction, P2 Architectural Coating, and P3 Architectural Coating</i>	19	29	0	0
<i>P2 Building Construction, P1 Building Construction, P3 Building Construction, and P3 Architectural Coating</i>	18	28	0	0
<i>P2 Building Construction, P1 Building Construction, P3 Building Construction, P3 Architectural Coating, and P2 Finishing and Landscaping</i>	21	32	0	0
<i>P1 Building Construction, P3 Building Construction, P3 Architectural Coating, P2 Finishing and Landscaping, and P2 Paving</i>	20	31	0	0
<i>P1 Building Construction, P3 Building Construction, P2 Finishing and Landscaping, and P2 Paving</i>	19	29	0	0
<i>P1 Building Construction, P3 Building Construction, P2 Finishing and Landscaping, P2 Paving, and P3 Finishing and Landscaping</i>	21	33	0	0
<i>P1 Building Construction, P3 Building Construction, P2 Paving, and P3 Finishing and Landscaping</i>	19	29	0	0
<i>P1 Building Construction, P3 Building Construction, and P3 Finishing and Landscaping</i>	13	20	0	0
<i>P1 Building Construction, P3 Finishing and Landscaping, and P3 Paving 2027</i>	14	20	0	0
<i>P1 Building Construction, P3 Finishing and Landscaping, and P3 Paving 2028</i>	14	20	0	0

<i>P1 Building Construction and P3 Finishing and Landscaping</i>	<i>9</i>	<i>14</i>	<i>0</i>	<i>0</i>
<i>P1 Building Construction 2028</i>	<i>7</i>	<i>11</i>	<i>0</i>	<i>0</i>
<i>P1 Building Construction 2029</i>	<i>7</i>	<i>11</i>	<i>0</i>	<i>0</i>
<i>P1 Building Construction, P1 Paving, P1 Architectural Coating, and P1 Finishing and Landscaping</i>	<i>17</i>	<i>26</i>	<i>0</i>	<i>0</i>







# Mitigated Construction LSTs Worksheet: Euclid & Heil Residential

## 3.2. P0 Site Preparation (2025) - Mitigated

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	1.63	17.50	0.06	0.06
	Dust From Material Movement	0.00	0.00	3.41	1.75
	Onsite truck	0.02	0.01	0.10	0.01
	<b>Total</b>	<b>1.65</b>	<b>17.51</b>	<b>3.57</b>	<b>1.82</b>

## 3.4. P0 Rough Grading (2025) - Mitigated

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	4.43	35.30	0.12	0.12
	Dust From Material Movement	0.00	0.00	2.41	0.95
	Onsite truck	0.03	0.01	0.20	0.02
	<b>Total</b>	<b>4.46</b>	<b>35.31</b>	<b>2.73</b>	<b>1.09</b>

## 3.2. P1 Fine Grading (2026) - Mitigated

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	4.43	35.30	0.12	0.12
	Dust From Material Movement	0.00	0.00	2.39	0.95
	Onsite truck	0.02	0.01	0.20	0.02
	<b>Total</b>	<b>4.45</b>	<b>35.31</b>	<b>2.71</b>	<b>1.09</b>

## 3.4. P1 Building Construction (2026) - Mitigated

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	1.60	10.00	0.03	0.03
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>1.60</b>	<b>10.00</b>	<b>0.03</b>	<b>0.03</b>

## 3.6. P1 Building Construction (2027) - Mitigated

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	1.60	10.00	0.03	0.03
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>1.60</b>	<b>10.00</b>	<b>0.03</b>	<b>0.03</b>

## 3.8. P1 Building Construction (2028) - Mitigated

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	1.60	10.00	0.03	0.03
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>1.60</b>	<b>10.00</b>	<b>0.03</b>	<b>0.03</b>

## 3.10. P1 Building Construction (2029) - Mitigated

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	1.60	10.00	0.03	0.03
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>1.60</b>	<b>10.00</b>	<b>0.03</b>	<b>0.03</b>

## 3.12. P1 Paving (2029) - Mitigated

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	1.93	10.60	0.03	0.03
	Paving	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>1.93</b>	<b>10.60</b>	<b>0.03</b>	<b>0.03</b>

**3.14. P1 Architectural Coating (2029) - Mitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	0.65	0.96	0.01	0.01
	Architectural Coating	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.65</b>	<b>0.96</b>	<b>0.01</b>	<b>0.01</b>

**3.16. P1 Utility Trenching (2026) - Mitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	2.08	4.73	0.01	0.01
	Onsite truck	0.01	0.01	0.02	0.01
	<b>Total</b>	<b>2.09</b>	<b>4.74</b>	<b>0.03</b>	<b>0.02</b>

**3.18. P1 Finishing and Landscaping (2029) - Mitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	1.41	3.74	0.01	0.01
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>1.41</b>	<b>3.74</b>	<b>0.01</b>	<b>0.01</b>

**3.2. P2 Fine Grading (2025) - Mitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	2.04	17.80	0.06	0.06
	Dust From Material Movement	0.00	0.00	1.84	0.89
	Onsite truck	0.02	0.01	0.12	0.01
	<b>Total</b>	<b>2.06</b>	<b>17.81</b>	<b>2.02</b>	<b>0.96</b>

**3.4. P2 Building Construction (2025) - Mitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Winter</b>			
	Off-Road Equipment	1.60	10.00	0.03	0.03
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>1.60</b>	<b>10.00</b>	<b>0.03</b>	<b>0.03</b>

**3.6. P2 Building Construction (2026) - Mitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	1.60	10.00	0.03	0.03
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>1.60</b>	<b>10.00</b>	<b>0.03</b>	<b>0.03</b>

**3.8. P2 Building Construction (2027) - Mitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	1.60	10.00	0.03	0.03
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>1.60</b>	<b>10.00</b>	<b>0.03</b>	<b>0.03</b>

**3.10. P2 Paving (2027) - Mitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	2.94	9.35	0.05	0.05
	Paving	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>2.94</b>	<b>9.35</b>	<b>0.05</b>	<b>0.05</b>

**3.12. P2 Architectural Coating (2026) - Mitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite	<b>Winter</b>				
	Off-Road Equipment	0.65	0.96	0.01	0.01
	Architectural Coating	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.65</b>	<b>0.96</b>	<b>0.01</b>	<b>0.01</b>

**3.14. P2 Architectural Coating (2027) - Mitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite	<b>Summer</b>				
	Off-Road Equipment	0.65	0.96	0.01	0.01
	Architectural Coating	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.65</b>	<b>0.96</b>	<b>0.01</b>	<b>0.01</b>

**3.16. P2 Finishing and Landscaping (2027) - Mitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite	<b>Summer</b>				
	Off-Road Equipment	1.41	3.74	0.01	0.01
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>1.41</b>	<b>3.74</b>	<b>0.01</b>	<b>0.01</b>

**3.18. P2 Crane (2025) - Mitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite	<b>Winter</b>				
	Off-Road Equipment	0.43	4.27	0.02	0.02
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.43</b>	<b>4.27</b>	<b>0.02</b>	<b>0.02</b>

**3.20. P2 Crane (2026) - Mitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite	<b>Winter</b>				
	Off-Road Equipment	0.43	4.27	0.02	0.02
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.43</b>	<b>4.27</b>	<b>0.02</b>	<b>0.02</b>

**3.22. P2 Utility Trenching (2025) - Mitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite	<b>Winter</b>				
	Off-Road Equipment	2.08	4.73	0.01	0.01
	Onsite truck	0.02	0.01	0.02	0.01
	<b>Total</b>	<b>2.10</b>	<b>4.74</b>	<b>0.03</b>	<b>0.02</b>

**3.2. P3 Fine Grading (2025) - Mitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	0.90	10.40	0.03	0.03
	Dust from Material Movement	0.00	0.00	1.59	0.78
	Onsite truck	0.02	0.01	0.06	0.01
	<b>Total</b>	<b>0.92</b>	<b>10.41</b>	<b>1.68</b>	<b>0.82</b>

**3.4. P3 Building Construction (2026) - Mitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	0.40	5.66	0.02	0.02
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.40</b>	<b>5.66</b>	<b>0.02</b>	<b>0.02</b>

**3.6. P3 Building Construction (2027) - Mitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Summer</b>			
	Off-Road Equipment	0.40	5.66	0.02	0.02
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.40</b>	<b>5.66</b>	<b>0.02</b>	<b>0.02</b>

**3.8. P3 Paving (2027) - Mitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Winter</b>			
	Off-Road Equipment	2.09	5.55	0.06	0.06
	Paving	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>2.09</b>	<b>5.55</b>	<b>0.06</b>	<b>0.06</b>

**3.10. P3 Paving (2028) - Mitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite		<b>Winter</b>			
	Off-Road Equipment	2.09	5.55	0.06	0.06
	Paving	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>2.09</b>	<b>5.55</b>	<b>0.06</b>	<b>0.06</b>

**3.12. P3 Architectural Coating (2027) - Mitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite	<b>Summer</b>				
	Off-Road Equipment	0.65	0.96	0.01	0.01
	Architectural Coating	0.00	0.00	0.00	0.00
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.65</b>	<b>0.96</b>	<b>0.01</b>	<b>0.01</b>

**3.14. P3 Utility Trenching (2025) - Mitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite	<b>Winter</b>				
	Off-Road Equipment	2.08	4.73	0.01	0.01
	Onsite truck	0.02	0.01	0.02	0.01
	<b>Total</b>	<b>2.10</b>	<b>4.74</b>	<b>0.03</b>	<b>0.02</b>

**3.16. P3 Crane (2026) - Mitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite	<b>Summer</b>				
	Off-Road Equipment	0.37	3.66	0.01	0.01
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>0.37</b>	<b>3.66</b>	<b>0.01</b>	<b>0.01</b>

**3.18. P3 Finishing and Landscaping (2027) - Mitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite	<b>Winter</b>				
	Off-Road Equipment	1.41	3.74	0.01	0.01
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>1.41</b>	<b>3.74</b>	<b>0.01</b>	<b>0.01</b>

**3.20. P3 Finishing and Landscaping (2028) - Mitigated**

		NOx	CO	PM10 Total	PM2.5 Total
Onsite	<b>Winter</b>				
	Off-Road Equipment	1.41	3.74	0.01	0.01
	Onsite truck	0.00	0.00	0.00	0.00
	<b>Total</b>	<b>1.41</b>	<b>3.74</b>	<b>0.01</b>	<b>0.01</b>

	NOx	CO	PM10 Total	PM2.5 Total
<i>P0 Site Preparation and P0 Rough Grading</i>	6	53	6	3
<i>P0 Rough Grading</i>	4	35	3	1
<i>P2 Fine Grading and P3 Fine Grading</i>	3	28	4	2
<i>P2 Utility Trenching and P3 Utility Trenching</i>	4	9	0	0
<i>P2 Building Construction and P2 Crane 2025</i>	2	14	0	0
<i>P2 Building Construction and P2 Crane 2026</i>	2	14	0	0
<i>P2 Building Construction, P2 Crane, P1 Fine Grading, and P1 Building Construction</i>	8	60	3	1
<i>P2 Building Construction, P1 Fine Grading, and P1 Building Construction</i>	8	55	3	1
<i>P2 Building Construction, P1 Fine Grading, P1 Building Construction, P3 Crane, and P3 Building Construction</i>	8	65	3	1
<i>P2 Building Construction, P1 Building Construction, P3 Crane, P3 Building Construction, and P1 Utility Trenching</i>	6	34	0	0
<i>P2 Building Construction, P1 Building Construction, P3 Building Construction, and P1 Utility Trenching</i>	6	30	0	0
<i>P2 Building Construction, P1 Building Construction, and P3 Building Construction</i>	4	26	0	0
<i>P2 Building Construction, P1 Building Construction, P3 Building Construction, and P2 Architectural Coating 2026</i>	4	27	0	0
<i>P2 Building Construction, P1 Building Construction, P3 Building Construction, and P2 Architectural Coating 2027</i>	4	27	0	0
<i>P2 Building Construction, P1 Building Construction, P3 Building Construction, P2 Architectural Coating, and P3 Architectural Coating</i>	5	28	0	0
<i>P2 Building Construction, P1 Building Construction, P3 Building Construction, and P3 Architectural Coating</i>	4	27	0	0

<i>P2 Building Construction, P1 Building Construction, P3 Building Construction, P3 Architectural Coating, and P2 Finishing and Landscaping</i>	6	30	0	0
<i>P1 Building Construction, P3 Building Construction, P3 Architectural Coating, P2 Finishing and Landscaping, and P2 Paving</i>	7	30	0	0
<i>P1 Building Construction, P3 Building Construction, P2 Finishing and Landscaping, and P2 Paving</i>	6	29	0	0
<i>P1 Building Construction, P3 Building Construction, P2 Finishing and Landscaping, P2 Paving, and P3 Finishing and Landscaping</i>	8	32	0	0
<i>P1 Building Construction, P3 Building Construction, P2 Paving, and P3 Finishing and Landscaping</i>	6	29	0	0
<i>P1 Building Construction, P3 Building Construction, and P3 Finishing and Landscaping</i>	3	19	0	0
<i>P1 Building Construction, P3 Finishing and Landscaping, and P3 Paving 2027</i>	5	19	0	0
<i>P1 Building Construction, P3 Finishing and Landscaping, and P3 Paving 2028</i>	5	19	0	0
<i>P1 Building Construction and P3 Finishing and Landscaping</i>	3	14	0	0
<i>P1 Building Construction 2028</i>	2	10	0	0
<i>P1 Building Construction 2029</i>	2	10	0	0
<i>P1 Building Construction, P1 Paving, P1 Architectural Coating, and P1 Finishing and Landscaping</i>	6	25	0	0





## Regional Operation Emissions Worksheet

<sup>1</sup> CalEEMod, Version 2022.1

### Approved Project

#### Summer

	<b>ROG</b>	<b>NOx</b>	<b>CO</b>	<b>SO2</b>	<b>PM10 Total</b>	<b>PM2.5 Total</b>
Mobile	6.79	2.83	52.10	0.11	13.00	3.32
Area	14.00	0.29	30.80	0.01	0.01	0.01
Energy	0.09	1.52	0.65	0.01	0.12	0.12
<b>Total</b>	<b>20.88</b>	<b>4.64</b>	<b>83.55</b>	<b>0.13</b>	<b>13.13</b>	<b>3.45</b>

#### Winter

	<b>ROG</b>	<b>NOx</b>	<b>CO</b>	<b>SO2</b>	<b>PM10 Total</b>	<b>PM2.5 Total</b>
Mobile	6.78	3.13	49.10	0.11	13.00	3.32
Area	11.30	0.00	0.00	0.00	0.00	0.00
Energy	0.09	1.52	0.65	0.01	0.12	0.12
<b>Total</b>	<b>18.17</b>	<b>4.65</b>	<b>49.75</b>	<b>0.12</b>	<b>13.12</b>	<b>3.44</b>

#### Max Daily

	<b>ROG</b>	<b>NOx</b>	<b>CO</b>	<b>SO2</b>	<b>PM10 Total</b>	<b>PM2.5 Total</b>
Mobile	7	3	52	0	13	3
Area	14	0	31	0	0	0
Energy	0	2	1	0	0	0
<b>Total</b>	<b>21</b>	<b>5</b>	<b>84</b>	<b>0</b>	<b>13</b>	<b>3</b>

**Proposed Project****Summer**

	<b>ROG</b>	<b>NOx</b>	<b>CO</b>	<b>SO2</b>	<b>PM10 Total</b>	<b>PM2.5 Total</b>
Mobile	11.80	4.92	90.50	0.20	22.60	5.77
Area	23.90	0.56	43.30	0.01	0.04	0.04
Energy	0.11	1.93	0.82	0.01	0.16	0.16
<b>Total</b>	<b>35.81</b>	<b>7.41</b>	<b>134.62</b>	<b>0.22</b>	<b>22.80</b>	<b>5.97</b>

**Winter**

	<b>ROG</b>	<b>NOx</b>	<b>CO</b>	<b>SO2</b>	<b>PM10 Total</b>	<b>PM2.5 Total</b>
Mobile	11.80	5.45	85.30	0.19	22.60	5.77
Area	19.40	0.17	0.07	0.01	0.01	0.01
Energy	0.11	1.93	0.82	0.01	0.16	0.16
<b>Total</b>	<b>31.31</b>	<b>7.55</b>	<b>86.19</b>	<b>0.21</b>	<b>22.77</b>	<b>5.94</b>

**Max Daily**

	<b>ROG</b>	<b>NOx</b>	<b>CO</b>	<b>SO2</b>	<b>PM10 Total</b>	<b>PM2.5 Total</b>
Mobile	12	5	91	0	23	6
Area	24	1	43	0	0	0
Energy	0	2	1	0	0	0
<b>Total</b>	<b>36</b>	<b>8</b>	<b>135</b>	<b>0</b>	<b>23</b>	<b>6</b>

**Net Difference**

<b>15</b>	<b>3</b>	<b>51</b>	<b>0</b>	<b>10</b>	<b>3</b>
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**Regional Thresholds (lb/day)**

<b>55</b>	<b>55</b>	<b>550</b>	<b>150</b>	<b>150</b>	<b>55</b>
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## Exceeds Thresholds?

No	No	No	No	No	No
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# GHG Emissions Inventory

## Proposed Project Buildout

### Construction<sup>1</sup>

	Mass Grading MTCO <sub>2</sub> e	Phase 1 MTCO <sub>2</sub> e	Phase 2 MTCO <sub>2</sub> e	Phase 3 MTCO <sub>2</sub> e	Total Proposed Project MTCO <sub>2</sub> e
2025	356	NA	230	65	651
2026	NA	792	885	202	1,879
2027	NA	504	642	278	1,424
2028	NA	500	NA	27	527
2029	NA	374	NA	NA	374
<b>Total</b>	<b>356</b>	<b>2,170</b>	<b>1,757</b>	<b>572</b>	<b>4,855</b>
<b>30-Year Amortization<sup>2</sup></b>	<b>12</b>	<b>72</b>	<b>59</b>	<b>19</b>	<b>162</b>

### Notes

<sup>1</sup> CalEEMod, Version 2022.1

<sup>2</sup> 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-](http://www.aqmd.gov/docs/default-source/ceqa/handbook/greenhouse-gases-(ghg)-ceqa-significance-)

### Operations<sup>1</sup>

	Approved Project		Proposed Project		Net Difference Project
	MTCO <sub>2</sub> e/Year <sup>2</sup>	%	MTCO <sub>2</sub> e/Year <sup>2</sup>	%	MTCO <sub>2</sub> e/Year <sup>2</sup>
	<b>Operations</b>		<b>Operations</b>		<b>Operations</b>
Mobile	1,810	64%	2,575	65%	765
Area	9	0%	25	1%	15
Energy	634	22%	886	22%	252
Water	90	3%	102	3%	12
Solid Waste	125	4%	192	5%	67
Refrigerants	1	0%	1	0%	1
30-Year Construction Amortization <sup>3</sup>	162	6%	162	4%	0
	<b>2,831</b>	<b>100%</b>	<b>3,942</b>	<b>100%</b>	<b>1,112</b>
			South Coast AQMD Bright-Line Screening Threshold		<b>3,000</b>
			<b>Exceed Threshold?</b>		<b>No</b>

### Notes

<sup>1</sup> CalEEMod, Version 2022.1

<sup>2</sup> MTCO<sub>2</sub>e=metric tons of carbon dioxide equivalent.

<sup>3</sup> For Approved Project scenario, conservatively assumed similar 30-year construction amortization as Proposed Project.