

605-620 West Elk Avenue - Los Angeles-South Coast County, Annual

**605-620 West Elk Avenue  
Los Angeles-South Coast County, Annual**

**1.0 Project Characteristics**

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**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	214.70	1000sqft	4.93	214,700.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	33
<b>Climate Zone</b>	9			<b>Operational Year</b>	2020
<b>Utility Company</b>	Glendale Water & Power				
<b>CO2 Intensity (lb/MW hr)</b>	1115.33	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

Project Characteristics - 3-story, 214,745 square-foot personal storage facility

Land Use - Site consists of four parcels (5696-007-045,5696-007-019, 5696-007-018, 5696-007-026) with a combined area of 81,875 square-feet (1.88 acres)

Demolition - A 39,273 square-foot building (constructed in 1962), located at 620 West Elk Avenue (APN 5696-007-045), will be demolished as part of the project.

Energy Use -

Table Name	Column Name	Default Value	New Value
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**2.0 Emissions Summary**

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**2.1 Overall Construction**

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	0.0412	0.4324	0.2563	5.2000e-004	0.0408	0.0205	0.0612	0.0138	0.0190	0.0328	0.0000	46.7821	46.7821	0.0113	0.0000	47.0637
2020	0.5002	2.9601	2.7036	5.6800e-003	0.1953	0.1459	0.3412	0.0667	0.1369	0.2036	0.0000	505.6115	505.6115	0.0844	0.0000	507.7218
2021	0.8315	0.0119	0.0187	4.0000e-005	1.4800e-003	7.2000e-004	2.2000e-003	3.9000e-004	7.2000e-004	1.1100e-003	0.0000	3.2500	3.2500	1.7000e-004	0.0000	3.2543
<b>Maximum</b>	<b>0.8315</b>	<b>2.9601</b>	<b>2.7036</b>	<b>5.6800e-003</b>	<b>0.1953</b>	<b>0.1459</b>	<b>0.3412</b>	<b>0.0667</b>	<b>0.1369</b>	<b>0.2036</b>	<b>0.0000</b>	<b>505.6115</b>	<b>505.6115</b>	<b>0.0844</b>	<b>0.0000</b>	<b>507.7218</b>

**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	0.0412	0.4324	0.2563	5.2000e-004	0.0408	0.0205	0.0612	0.0138	0.0190	0.0328	0.0000	46.7820	46.7820	0.0113	0.0000	47.0637
2020	0.5002	2.9601	2.7036	5.6800e-003	0.1953	0.1459	0.3412	0.0667	0.1369	0.2036	0.0000	505.6111	505.6111	0.0844	0.0000	507.7215
2021	0.8315	0.0119	0.0187	4.0000e-005	1.4800e-003	7.2000e-004	2.2000e-003	3.9000e-004	7.2000e-004	1.1100e-003	0.0000	3.2500	3.2500	1.7000e-004	0.0000	3.2542
<b>Maximum</b>	<b>0.8315</b>	<b>2.9601</b>	<b>2.7036</b>	<b>5.6800e-003</b>	<b>0.1953</b>	<b>0.1459</b>	<b>0.3412</b>	<b>0.0667</b>	<b>0.1369</b>	<b>0.2036</b>	<b>0.0000</b>	<b>505.6111</b>	<b>505.6111</b>	<b>0.0844</b>	<b>0.0000</b>	<b>507.7215</b>

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	12-2-2019	3-1-2020	1.0646	1.0646
2	3-2-2020	6-1-2020	0.8506	0.8506
3	6-2-2020	9-1-2020	0.8498	0.8498
4	9-2-2020	12-1-2020	0.8423	0.8423
5	12-2-2020	3-1-2021	1.0956	1.0956
		Highest	1.0956	1.0956

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.8756	3.0000e-005	2.7600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.3300e-003	5.3300e-003	1.0000e-005	0.0000	5.6900e-003
Energy	1.0100e-003	9.1600e-003	7.6900e-003	5.0000e-005		7.0000e-004	7.0000e-004		7.0000e-004	7.0000e-004	0.0000	433.5774	433.5774	0.0112	2.4600e-003	434.5910
Mobile	0.1471	0.7920	2.2167	7.4000e-003	0.5867	7.6200e-003	0.5943	0.1573	7.1500e-003	0.1644	0.0000	682.2318	682.2318	0.0372	0.0000	683.1628
Waste						0.0000	0.0000		0.0000	0.0000	40.9676	0.0000	40.9676	2.4211	0.0000	101.4956
Water						0.0000	0.0000		0.0000	0.0000	15.7515	327.0599	342.8113	1.6263	0.0400	395.3776
<b>Total</b>	<b>1.0237</b>	<b>0.8012</b>	<b>2.2271</b>	<b>7.4500e-003</b>	<b>0.5867</b>	<b>8.3300e-003</b>	<b>0.5951</b>	<b>0.1573</b>	<b>7.8600e-003</b>	<b>0.1652</b>	<b>56.7191</b>	<b>1,442.8744</b>	<b>1,499.5935</b>	<b>4.0959</b>	<b>0.0424</b>	<b>1,614.6327</b>

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**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.8756	3.0000e-005	2.7600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.3300e-003	5.3300e-003	1.0000e-005	0.0000	5.6900e-003
Energy	1.0100e-003	9.1600e-003	7.6900e-003	5.0000e-005		7.0000e-004	7.0000e-004		7.0000e-004	7.0000e-004	0.0000	433.5774	433.5774	0.0112	2.4600e-003	434.5910
Mobile	0.1471	0.7920	2.2167	7.4000e-003	0.5867	7.6200e-003	0.5943	0.1573	7.1500e-003	0.1644	0.0000	682.2318	682.2318	0.0372	0.0000	683.1628
Waste						0.0000	0.0000		0.0000	0.0000	40.9676	0.0000	40.9676	2.4211	0.0000	101.4956
Water						0.0000	0.0000		0.0000	0.0000	15.7515	327.0599	342.8113	1.6263	0.0400	395.3776
<b>Total</b>	<b>1.0237</b>	<b>0.8012</b>	<b>2.2271</b>	<b>7.4500e-003</b>	<b>0.5867</b>	<b>8.3300e-003</b>	<b>0.5951</b>	<b>0.1573</b>	<b>7.8600e-003</b>	<b>0.1652</b>	<b>56.7191</b>	<b>1,442.8744</b>	<b>1,499.5935</b>	<b>4.0959</b>	<b>0.0424</b>	<b>1,614.6327</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**3.0 Construction Detail**

**Construction Phase**

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	12/2/2019	12/27/2019	5	20	
2	Site Preparation	Site Preparation	12/28/2019	1/3/2020	5	5	
3	Grading	Grading	1/4/2020	1/15/2020	5	8	
4	Building Construction	Building Construction	1/16/2020	12/2/2020	5	230	
5	Paving	Paving	12/3/2020	12/28/2020	5	18	
6	Architectural Coating	Architectural Coating	12/29/2020	1/21/2021	5	18	

**Acres of Grading (Site Preparation Phase): 0**

**Acres of Grading (Grading Phase): 4**

**Acres of Paving: 0**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 322,050; Non-Residential Outdoor: 107,350; Striped Parking Area: 0 (Architectural Coating – sqft)**

**OffRoad Equipment**

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	2	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Demolition	Excavators	3	8.00	158	0.38
Paving	Pavers	1	8.00	130	0.42
Paving	Rollers	2	6.00	80	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Paving	Paving Equipment	2	6.00	132	0.36
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Building Construction	Welders	1	8.00	46	0.45

**Trips and VMT**

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Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	179.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	90.00	35.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0193	0.0000	0.0193	2.9300e-003	0.0000	2.9300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0351	0.3578	0.2206	3.9000e-004		0.0180	0.0180		0.0167	0.0167	0.0000	34.6263	34.6263	9.6300e-003	0.0000	34.8672
<b>Total</b>	<b>0.0351</b>	<b>0.3578</b>	<b>0.2206</b>	<b>3.9000e-004</b>	<b>0.0193</b>	<b>0.0180</b>	<b>0.0373</b>	<b>2.9300e-003</b>	<b>0.0167</b>	<b>0.0196</b>	<b>0.0000</b>	<b>34.6263</b>	<b>34.6263</b>	<b>9.6300e-003</b>	<b>0.0000</b>	<b>34.8672</b>

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**3.2 Demolition - 2019**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.5000e-004	0.0283	6.0200e-003	7.0000e-005	1.5400e-003	1.0000e-004	1.6400e-003	4.2000e-004	1.0000e-004	5.2000e-004	0.0000	6.9692	6.9692	4.9000e-004	0.0000	6.9815
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.5000e-004	6.3000e-004	6.8100e-003	2.0000e-005	1.6400e-003	1.0000e-005	1.6600e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.5800	1.5800	5.0000e-005	0.0000	1.5814
<b>Total</b>	<b>1.6000e-003</b>	<b>0.0290</b>	<b>0.0128</b>	<b>9.0000e-005</b>	<b>3.1800e-003</b>	<b>1.1000e-004</b>	<b>3.3000e-003</b>	<b>8.6000e-004</b>	<b>1.1000e-004</b>	<b>9.7000e-004</b>	<b>0.0000</b>	<b>8.5493</b>	<b>8.5493</b>	<b>5.4000e-004</b>	<b>0.0000</b>	<b>8.5629</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0193	0.0000	0.0193	2.9300e-003	0.0000	2.9300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0351	0.3578	0.2206	3.9000e-004		0.0180	0.0180		0.0167	0.0167	0.0000	34.6263	34.6263	9.6300e-003	0.0000	34.8671
<b>Total</b>	<b>0.0351</b>	<b>0.3578</b>	<b>0.2206</b>	<b>3.9000e-004</b>	<b>0.0193</b>	<b>0.0180</b>	<b>0.0373</b>	<b>2.9300e-003</b>	<b>0.0167</b>	<b>0.0196</b>	<b>0.0000</b>	<b>34.6263</b>	<b>34.6263</b>	<b>9.6300e-003</b>	<b>0.0000</b>	<b>34.8671</b>



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**3.2 Demolition - 2019**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.5000e-004	0.0283	6.0200e-003	7.0000e-005	1.5400e-003	1.0000e-004	1.6400e-003	4.2000e-004	1.0000e-004	5.2000e-004	0.0000	6.9692	6.9692	4.9000e-004	0.0000	6.9815
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.5000e-004	6.3000e-004	6.8100e-003	2.0000e-005	1.6400e-003	1.0000e-005	1.6600e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.5800	1.5800	5.0000e-005	0.0000	1.5814
<b>Total</b>	<b>1.6000e-003</b>	<b>0.0290</b>	<b>0.0128</b>	<b>9.0000e-005</b>	<b>3.1800e-003</b>	<b>1.1000e-004</b>	<b>3.3000e-003</b>	<b>8.6000e-004</b>	<b>1.1000e-004</b>	<b>9.7000e-004</b>	<b>0.0000</b>	<b>8.5493</b>	<b>8.5493</b>	<b>5.4000e-004</b>	<b>0.0000</b>	<b>8.5629</b>

**3.3 Site Preparation - 2019**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0181	0.0000	0.0181	9.9300e-003	0.0000	9.9300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.3400e-003	0.0456	0.0221	4.0000e-005		2.3900e-003	2.3900e-003		2.2000e-003	2.2000e-003	0.0000	3.4169	3.4169	1.0800e-003	0.0000	3.4439
<b>Total</b>	<b>4.3400e-003</b>	<b>0.0456</b>	<b>0.0221</b>	<b>4.0000e-005</b>	<b>0.0181</b>	<b>2.3900e-003</b>	<b>0.0205</b>	<b>9.9300e-003</b>	<b>2.2000e-003</b>	<b>0.0121</b>	<b>0.0000</b>	<b>3.4169</b>	<b>3.4169</b>	<b>1.0800e-003</b>	<b>0.0000</b>	<b>3.4439</b>

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**3.3 Site Preparation - 2019**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	8.0000e-005	8.2000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1896	0.1896	1.0000e-005	0.0000	0.1898
<b>Total</b>	<b>9.0000e-005</b>	<b>8.0000e-005</b>	<b>8.2000e-004</b>	<b>0.0000</b>	<b>2.0000e-004</b>	<b>0.0000</b>	<b>2.0000e-004</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>0.1896</b>	<b>0.1896</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.1898</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0181	0.0000	0.0181	9.9300e-003	0.0000	9.9300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.3400e-003	0.0456	0.0221	4.0000e-005		2.3900e-003	2.3900e-003		2.2000e-003	2.2000e-003	0.0000	3.4169	3.4169	1.0800e-003	0.0000	3.4439
<b>Total</b>	<b>4.3400e-003</b>	<b>0.0456</b>	<b>0.0221</b>	<b>4.0000e-005</b>	<b>0.0181</b>	<b>2.3900e-003</b>	<b>0.0205</b>	<b>9.9300e-003</b>	<b>2.2000e-003</b>	<b>0.0121</b>	<b>0.0000</b>	<b>3.4169</b>	<b>3.4169</b>	<b>1.0800e-003</b>	<b>0.0000</b>	<b>3.4439</b>

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**3.3 Site Preparation - 2019**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	8.0000e-005	8.2000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1896	0.1896	1.0000e-005	0.0000	0.1898
<b>Total</b>	<b>9.0000e-005</b>	<b>8.0000e-005</b>	<b>8.2000e-004</b>	<b>0.0000</b>	<b>2.0000e-004</b>	<b>0.0000</b>	<b>2.0000e-004</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>0.1896</b>	<b>0.1896</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.1898</b>

**3.3 Site Preparation - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0271	0.0000	0.0271	0.0149	0.0000	0.0149	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.1100e-003	0.0636	0.0323	6.0000e-005		3.3000e-003	3.3000e-003		3.0300e-003	3.0300e-003	0.0000	5.0146	5.0146	1.6200e-003	0.0000	5.0552
<b>Total</b>	<b>6.1100e-003</b>	<b>0.0636</b>	<b>0.0323</b>	<b>6.0000e-005</b>	<b>0.0271</b>	<b>3.3000e-003</b>	<b>0.0304</b>	<b>0.0149</b>	<b>3.0300e-003</b>	<b>0.0179</b>	<b>0.0000</b>	<b>5.0146</b>	<b>5.0146</b>	<b>1.6200e-003</b>	<b>0.0000</b>	<b>5.0552</b>

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**3.3 Site Preparation - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2000e-004	1.0000e-004	1.1100e-003	0.0000	3.0000e-004	0.0000	3.0000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2758	0.2758	1.0000e-005	0.0000	0.2760
<b>Total</b>	<b>1.2000e-004</b>	<b>1.0000e-004</b>	<b>1.1100e-003</b>	<b>0.0000</b>	<b>3.0000e-004</b>	<b>0.0000</b>	<b>3.0000e-004</b>	<b>8.0000e-005</b>	<b>0.0000</b>	<b>8.0000e-005</b>	<b>0.0000</b>	<b>0.2758</b>	<b>0.2758</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.2760</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0271	0.0000	0.0271	0.0149	0.0000	0.0149	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.1100e-003	0.0636	0.0323	6.0000e-005		3.3000e-003	3.3000e-003		3.0300e-003	3.0300e-003	0.0000	5.0146	5.0146	1.6200e-003	0.0000	5.0551
<b>Total</b>	<b>6.1100e-003</b>	<b>0.0636</b>	<b>0.0323</b>	<b>6.0000e-005</b>	<b>0.0271</b>	<b>3.3000e-003</b>	<b>0.0304</b>	<b>0.0149</b>	<b>3.0300e-003</b>	<b>0.0179</b>	<b>0.0000</b>	<b>5.0146</b>	<b>5.0146</b>	<b>1.6200e-003</b>	<b>0.0000</b>	<b>5.0551</b>

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**3.3 Site Preparation - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2000e-004	1.0000e-004	1.1100e-003	0.0000	3.0000e-004	0.0000	3.0000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2758	0.2758	1.0000e-005	0.0000	0.2760
<b>Total</b>	<b>1.2000e-004</b>	<b>1.0000e-004</b>	<b>1.1100e-003</b>	<b>0.0000</b>	<b>3.0000e-004</b>	<b>0.0000</b>	<b>3.0000e-004</b>	<b>8.0000e-005</b>	<b>0.0000</b>	<b>8.0000e-005</b>	<b>0.0000</b>	<b>0.2758</b>	<b>0.2758</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.2760</b>

**3.4 Grading - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0262	0.0000	0.0262	0.0135	0.0000	0.0135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.7200e-003	0.1055	0.0642	1.2000e-004		5.0900e-003	5.0900e-003		4.6900e-003	4.6900e-003	0.0000	10.4235	10.4235	3.3700e-003	0.0000	10.5078
<b>Total</b>	<b>9.7200e-003</b>	<b>0.1055</b>	<b>0.0642</b>	<b>1.2000e-004</b>	<b>0.0262</b>	<b>5.0900e-003</b>	<b>0.0313</b>	<b>0.0135</b>	<b>4.6900e-003</b>	<b>0.0182</b>	<b>0.0000</b>	<b>10.4235</b>	<b>10.4235</b>	<b>3.3700e-003</b>	<b>0.0000</b>	<b>10.5078</b>

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**3.4 Grading - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-004	2.2000e-004	2.4700e-003	1.0000e-005	6.6000e-004	1.0000e-005	6.6000e-004	1.7000e-004	1.0000e-005	1.8000e-004	0.0000	0.6128	0.6128	2.0000e-005	0.0000	0.6133
<b>Total</b>	<b>2.8000e-004</b>	<b>2.2000e-004</b>	<b>2.4700e-003</b>	<b>1.0000e-005</b>	<b>6.6000e-004</b>	<b>1.0000e-005</b>	<b>6.6000e-004</b>	<b>1.7000e-004</b>	<b>1.0000e-005</b>	<b>1.8000e-004</b>	<b>0.0000</b>	<b>0.6128</b>	<b>0.6128</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.6133</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0262	0.0000	0.0262	0.0135	0.0000	0.0135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.7200e-003	0.1055	0.0642	1.2000e-004		5.0900e-003	5.0900e-003		4.6900e-003	4.6900e-003	0.0000	10.4235	10.4235	3.3700e-003	0.0000	10.5078
<b>Total</b>	<b>9.7200e-003</b>	<b>0.1055</b>	<b>0.0642</b>	<b>1.2000e-004</b>	<b>0.0262</b>	<b>5.0900e-003</b>	<b>0.0313</b>	<b>0.0135</b>	<b>4.6900e-003</b>	<b>0.0182</b>	<b>0.0000</b>	<b>10.4235</b>	<b>10.4235</b>	<b>3.3700e-003</b>	<b>0.0000</b>	<b>10.5078</b>

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**3.4 Grading - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-004	2.2000e-004	2.4700e-003	1.0000e-005	6.6000e-004	1.0000e-005	6.6000e-004	1.7000e-004	1.0000e-005	1.8000e-004	0.0000	0.6128	0.6128	2.0000e-005	0.0000	0.6133
<b>Total</b>	<b>2.8000e-004</b>	<b>2.2000e-004</b>	<b>2.4700e-003</b>	<b>1.0000e-005</b>	<b>6.6000e-004</b>	<b>1.0000e-005</b>	<b>6.6000e-004</b>	<b>1.7000e-004</b>	<b>1.0000e-005</b>	<b>1.8000e-004</b>	<b>0.0000</b>	<b>0.6128</b>	<b>0.6128</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.6133</b>

**3.5 Building Construction - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2438	2.2064	1.9376	3.1000e-003		0.1285	0.1285		0.1208	0.1208	0.0000	266.3515	266.3515	0.0650	0.0000	267.9760
<b>Total</b>	<b>0.2438</b>	<b>2.2064</b>	<b>1.9376</b>	<b>3.1000e-003</b>		<b>0.1285</b>	<b>0.1285</b>		<b>0.1208</b>	<b>0.1208</b>	<b>0.0000</b>	<b>266.3515</b>	<b>266.3515</b>	<b>0.0650</b>	<b>0.0000</b>	<b>267.9760</b>

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**3.5 Building Construction - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0146	0.4362	0.1181	1.0300e-003	0.0254	2.0300e-003	0.0274	7.3200e-003	1.9400e-003	9.2600e-003	0.0000	99.9915	99.9915	6.3500e-003	0.0000	100.1504
Worker	0.0478	0.0385	0.4260	1.1700e-003	0.1134	9.7000e-004	0.1144	0.0301	8.9000e-004	0.0310	0.0000	105.7098	105.7098	3.3300e-003	0.0000	105.7931
<b>Total</b>	<b>0.0624</b>	<b>0.4747</b>	<b>0.5441</b>	<b>2.2000e-003</b>	<b>0.1388</b>	<b>3.0000e-003</b>	<b>0.1418</b>	<b>0.0374</b>	<b>2.8300e-003</b>	<b>0.0403</b>	<b>0.0000</b>	<b>205.7013</b>	<b>205.7013</b>	<b>9.6800e-003</b>	<b>0.0000</b>	<b>205.9435</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2438	2.2064	1.9376	3.1000e-003		0.1285	0.1285		0.1208	0.1208	0.0000	266.3512	266.3512	0.0650	0.0000	267.9757
<b>Total</b>	<b>0.2438</b>	<b>2.2064</b>	<b>1.9376</b>	<b>3.1000e-003</b>		<b>0.1285</b>	<b>0.1285</b>		<b>0.1208</b>	<b>0.1208</b>	<b>0.0000</b>	<b>266.3512</b>	<b>266.3512</b>	<b>0.0650</b>	<b>0.0000</b>	<b>267.9757</b>



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**3.5 Building Construction - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0146	0.4362	0.1181	1.0300e-003	0.0254	2.0300e-003	0.0274	7.3200e-003	1.9400e-003	9.2600e-003	0.0000	99.9915	99.9915	6.3500e-003	0.0000	100.1504
Worker	0.0478	0.0385	0.4260	1.1700e-003	0.1134	9.7000e-004	0.1144	0.0301	8.9000e-004	0.0310	0.0000	105.7098	105.7098	3.3300e-003	0.0000	105.7931
<b>Total</b>	<b>0.0624</b>	<b>0.4747</b>	<b>0.5441</b>	<b>2.2000e-003</b>	<b>0.1388</b>	<b>3.0000e-003</b>	<b>0.1418</b>	<b>0.0374</b>	<b>2.8300e-003</b>	<b>0.0403</b>	<b>0.0000</b>	<b>205.7013</b>	<b>205.7013</b>	<b>9.6800e-003</b>	<b>0.0000</b>	<b>205.9435</b>

**3.6 Paving - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0107	0.1062	0.1105	1.7000e-004		5.8600e-003	5.8600e-003		5.4000e-003	5.4000e-003	0.0000	14.7348	14.7348	4.6300e-003	0.0000	14.8506
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0107</b>	<b>0.1062</b>	<b>0.1105</b>	<b>1.7000e-004</b>		<b>5.8600e-003</b>	<b>5.8600e-003</b>		<b>5.4000e-003</b>	<b>5.4000e-003</b>	<b>0.0000</b>	<b>14.7348</b>	<b>14.7348</b>	<b>4.6300e-003</b>	<b>0.0000</b>	<b>14.8506</b>

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**3.6 Paving - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.3000e-004	6.7000e-004	7.4100e-003	2.0000e-005	1.9700e-003	2.0000e-005	1.9900e-003	5.2000e-004	2.0000e-005	5.4000e-004	0.0000	1.8384	1.8384	6.0000e-005	0.0000	1.8399
<b>Total</b>	<b>8.3000e-004</b>	<b>6.7000e-004</b>	<b>7.4100e-003</b>	<b>2.0000e-005</b>	<b>1.9700e-003</b>	<b>2.0000e-005</b>	<b>1.9900e-003</b>	<b>5.2000e-004</b>	<b>2.0000e-005</b>	<b>5.4000e-004</b>	<b>0.0000</b>	<b>1.8384</b>	<b>1.8384</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>1.8399</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0107	0.1062	0.1105	1.7000e-004		5.8600e-003	5.8600e-003		5.4000e-003	5.4000e-003	0.0000	14.7348	14.7348	4.6300e-003	0.0000	14.8506
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0107</b>	<b>0.1062</b>	<b>0.1105</b>	<b>1.7000e-004</b>		<b>5.8600e-003</b>	<b>5.8600e-003</b>		<b>5.4000e-003</b>	<b>5.4000e-003</b>	<b>0.0000</b>	<b>14.7348</b>	<b>14.7348</b>	<b>4.6300e-003</b>	<b>0.0000</b>	<b>14.8506</b>

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**3.6 Paving - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.3000e-004	6.7000e-004	7.4100e-003	2.0000e-005	1.9700e-003	2.0000e-005	1.9900e-003	5.2000e-004	2.0000e-005	5.4000e-004	0.0000	1.8384	1.8384	6.0000e-005	0.0000	1.8399
<b>Total</b>	<b>8.3000e-004</b>	<b>6.7000e-004</b>	<b>7.4100e-003</b>	<b>2.0000e-005</b>	<b>1.9700e-003</b>	<b>2.0000e-005</b>	<b>1.9900e-003</b>	<b>5.2000e-004</b>	<b>2.0000e-005</b>	<b>5.4000e-004</b>	<b>0.0000</b>	<b>1.8384</b>	<b>1.8384</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>1.8399</b>

**3.7 Architectural Coating - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1659					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.6000e-004	2.5300e-003	2.7500e-003	0.0000		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	0.3830	0.3830	3.0000e-005	0.0000	0.3837
<b>Total</b>	<b>0.1662</b>	<b>2.5300e-003</b>	<b>2.7500e-003</b>	<b>0.0000</b>		<b>1.7000e-004</b>	<b>1.7000e-004</b>		<b>1.7000e-004</b>	<b>1.7000e-004</b>	<b>0.0000</b>	<b>0.3830</b>	<b>0.3830</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.3837</b>

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**3.7 Architectural Coating - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2000e-004	1.0000e-004	1.1100e-003	0.0000	3.0000e-004	0.0000	3.0000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2758	0.2758	1.0000e-005	0.0000	0.2760
<b>Total</b>	<b>1.2000e-004</b>	<b>1.0000e-004</b>	<b>1.1100e-003</b>	<b>0.0000</b>	<b>3.0000e-004</b>	<b>0.0000</b>	<b>3.0000e-004</b>	<b>8.0000e-005</b>	<b>0.0000</b>	<b>8.0000e-005</b>	<b>0.0000</b>	<b>0.2758</b>	<b>0.2758</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.2760</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1659					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.6000e-004	2.5300e-003	2.7500e-003	0.0000		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	0.3830	0.3830	3.0000e-005	0.0000	0.3837
<b>Total</b>	<b>0.1662</b>	<b>2.5300e-003</b>	<b>2.7500e-003</b>	<b>0.0000</b>		<b>1.7000e-004</b>	<b>1.7000e-004</b>		<b>1.7000e-004</b>	<b>1.7000e-004</b>	<b>0.0000</b>	<b>0.3830</b>	<b>0.3830</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.3837</b>

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**3.7 Architectural Coating - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2000e-004	1.0000e-004	1.1100e-003	0.0000	3.0000e-004	0.0000	3.0000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2758	0.2758	1.0000e-005	0.0000	0.2760
<b>Total</b>	<b>1.2000e-004</b>	<b>1.0000e-004</b>	<b>1.1100e-003</b>	<b>0.0000</b>	<b>3.0000e-004</b>	<b>0.0000</b>	<b>3.0000e-004</b>	<b>8.0000e-005</b>	<b>0.0000</b>	<b>8.0000e-005</b>	<b>0.0000</b>	<b>0.2758</b>	<b>0.2758</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.2760</b>

**3.7 Architectural Coating - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.8293					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.6400e-003	0.0115	0.0136	2.0000e-005		7.1000e-004	7.1000e-004		7.1000e-004	7.1000e-004	0.0000	1.9149	1.9149	1.3000e-004	0.0000	1.9182
<b>Total</b>	<b>0.8309</b>	<b>0.0115</b>	<b>0.0136</b>	<b>2.0000e-005</b>		<b>7.1000e-004</b>	<b>7.1000e-004</b>		<b>7.1000e-004</b>	<b>7.1000e-004</b>	<b>0.0000</b>	<b>1.9149</b>	<b>1.9149</b>	<b>1.3000e-004</b>	<b>0.0000</b>	<b>1.9182</b>

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**3.7 Architectural Coating - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.8000e-004	4.5000e-004	5.1100e-003	1.0000e-005	1.4800e-003	1.0000e-005	1.4900e-003	3.9000e-004	1.0000e-005	4.0000e-004	0.0000	1.3350	1.3350	4.0000e-005	0.0000	1.3360
<b>Total</b>	<b>5.8000e-004</b>	<b>4.5000e-004</b>	<b>5.1100e-003</b>	<b>1.0000e-005</b>	<b>1.4800e-003</b>	<b>1.0000e-005</b>	<b>1.4900e-003</b>	<b>3.9000e-004</b>	<b>1.0000e-005</b>	<b>4.0000e-004</b>	<b>0.0000</b>	<b>1.3350</b>	<b>1.3350</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>1.3360</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.8293					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.6400e-003	0.0115	0.0136	2.0000e-005		7.1000e-004	7.1000e-004		7.1000e-004	7.1000e-004	0.0000	1.9149	1.9149	1.3000e-004	0.0000	1.9182
<b>Total</b>	<b>0.8309</b>	<b>0.0115</b>	<b>0.0136</b>	<b>2.0000e-005</b>		<b>7.1000e-004</b>	<b>7.1000e-004</b>		<b>7.1000e-004</b>	<b>7.1000e-004</b>	<b>0.0000</b>	<b>1.9149</b>	<b>1.9149</b>	<b>1.3000e-004</b>	<b>0.0000</b>	<b>1.9182</b>

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**3.7 Architectural Coating - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.8000e-004	4.5000e-004	5.1100e-003	1.0000e-005	1.4800e-003	1.0000e-005	1.4900e-003	3.9000e-004	1.0000e-005	4.0000e-004	0.0000	1.3350	1.3350	4.0000e-005	0.0000	1.3360
<b>Total</b>	<b>5.8000e-004</b>	<b>4.5000e-004</b>	<b>5.1100e-003</b>	<b>1.0000e-005</b>	<b>1.4800e-003</b>	<b>1.0000e-005</b>	<b>1.4900e-003</b>	<b>3.9000e-004</b>	<b>1.0000e-005</b>	<b>4.0000e-004</b>	<b>0.0000</b>	<b>1.3350</b>	<b>1.3350</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>1.3360</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.1471	0.7920	2.2167	7.4000e-003	0.5867	7.6200e-003	0.5943	0.1573	7.1500e-003	0.1644	0.0000	682.2318	682.2318	0.0372	0.0000	683.1628
Unmitigated	0.1471	0.7920	2.2167	7.4000e-003	0.5867	7.6200e-003	0.5943	0.1573	7.1500e-003	0.1644	0.0000	682.2318	682.2318	0.0372	0.0000	683.1628

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Unrefrigerated Warehouse-No Rail	360.70	360.70	360.70	1,545,841	1,545,841
Total	360.70	360.70	360.70	1,545,841	1,545,841

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Unrefrigerated Warehouse-No Rail	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Unrefrigerated Warehouse-No Rail	0.547726	0.045437	0.201480	0.122768	0.016614	0.006090	0.019326	0.029174	0.002438	0.002359	0.005005	0.000677	0.000907

5.0 Energy Detail



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Historical Energy Use: N

**5.1 Mitigation Measures Energy**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	423.6096	423.6096	0.0110	2.2800e-003	424.5640
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	423.6096	423.6096	0.0110	2.2800e-003	424.5640
NaturalGas Mitigated	1.0100e-003	9.1600e-003	7.6900e-003	5.0000e-005		7.0000e-004	7.0000e-004		7.0000e-004	7.0000e-004	0.0000	9.9678	9.9678	1.9000e-004	1.8000e-004	10.0270
NaturalGas Unmitigated	1.0100e-003	9.1600e-003	7.6900e-003	5.0000e-005		7.0000e-004	7.0000e-004		7.0000e-004	7.0000e-004	0.0000	9.9678	9.9678	1.9000e-004	1.8000e-004	10.0270

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**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Unrefrigerated Warehouse-No Rail	186789	1.0100e-003	9.1600e-003	7.6900e-003	5.0000e-005		7.0000e-004	7.0000e-004		7.0000e-004	7.0000e-004	0.0000	9.9678	9.9678	1.9000e-004	1.8000e-004	10.0270
<b>Total</b>		<b>1.0100e-003</b>	<b>9.1600e-003</b>	<b>7.6900e-003</b>	<b>5.0000e-005</b>		<b>7.0000e-004</b>	<b>7.0000e-004</b>		<b>7.0000e-004</b>	<b>7.0000e-004</b>	<b>0.0000</b>	<b>9.9678</b>	<b>9.9678</b>	<b>1.9000e-004</b>	<b>1.8000e-004</b>	<b>10.0270</b>

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Unrefrigerated Warehouse-No Rail	186789	1.0100e-003	9.1600e-003	7.6900e-003	5.0000e-005		7.0000e-004	7.0000e-004		7.0000e-004	7.0000e-004	0.0000	9.9678	9.9678	1.9000e-004	1.8000e-004	10.0270
<b>Total</b>		<b>1.0100e-003</b>	<b>9.1600e-003</b>	<b>7.6900e-003</b>	<b>5.0000e-005</b>		<b>7.0000e-004</b>	<b>7.0000e-004</b>		<b>7.0000e-004</b>	<b>7.0000e-004</b>	<b>0.0000</b>	<b>9.9678</b>	<b>9.9678</b>	<b>1.9000e-004</b>	<b>1.8000e-004</b>	<b>10.0270</b>

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### 5.3 Energy by Land Use - Electricity

#### Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Unrefrigerated Warehouse-No Rail	837330	423.6096	0.0110	2.2800e-003	424.5640
<b>Total</b>		<b>423.6096</b>	<b>0.0110</b>	<b>2.2800e-003</b>	<b>424.5640</b>

#### Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Unrefrigerated Warehouse-No Rail	837330	423.6096	0.0110	2.2800e-003	424.5640
<b>Total</b>		<b>423.6096</b>	<b>0.0110</b>	<b>2.2800e-003</b>	<b>424.5640</b>

### 6.0 Area Detail

#### 6.1 Mitigation Measures Area

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.8756	3.0000e-005	2.7600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.3300e-003	5.3300e-003	1.0000e-005	0.0000	5.6900e-003
Unmitigated	0.8756	3.0000e-005	2.7600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.3300e-003	5.3300e-003	1.0000e-005	0.0000	5.6900e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0995					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.7758					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.6000e-004	3.0000e-005	2.7600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.3300e-003	5.3300e-003	1.0000e-005	0.0000	5.6900e-003
<b>Total</b>	<b>0.8756</b>	<b>3.0000e-005</b>	<b>2.7600e-003</b>	<b>0.0000</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>5.3300e-003</b>	<b>5.3300e-003</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>5.6900e-003</b>

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**6.2 Area by SubCategory**

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0995					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.7758					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.6000e-004	3.0000e-005	2.7600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.3300e-003	5.3300e-003	1.0000e-005	0.0000	5.6900e-003
<b>Total</b>	<b>0.8756</b>	<b>3.0000e-005</b>	<b>2.7600e-003</b>	<b>0.0000</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>5.3300e-003</b>	<b>5.3300e-003</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>5.6900e-003</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

605-620 West Elk Avenue - Los Angeles-South Coast County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	342.8113	1.6263	0.0400	395.3776
Unmitigated	342.8113	1.6263	0.0400	395.3776

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Unrefrigerated Warehouse-No Rail	49.6494 / 0	342.8113	1.6263	0.0400	395.3776
<b>Total</b>		<b>342.8113</b>	<b>1.6263</b>	<b>0.0400</b>	<b>395.3776</b>

605-620 West Elk Avenue - Los Angeles-South Coast County, Annual

## 7.2 Water by Land Use

### Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Unrefrigerated Warehouse-No Rail	49.6494 / 0	342.8113	1.6263	0.0400	395.3776
<b>Total</b>		<b>342.8113</b>	<b>1.6263</b>	<b>0.0400</b>	<b>395.3776</b>

## 8.0 Waste Detail

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### 8.1 Mitigation Measures Waste

#### Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	40.9676	2.4211	0.0000	101.4956
Unmitigated	40.9676	2.4211	0.0000	101.4956

605-620 West Elk Avenue - Los Angeles-South Coast County, Annual

**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Unrefrigerated Warehouse-No Rail	201.82	40.9676	2.4211	0.0000	101.4956
<b>Total</b>		<b>40.9676</b>	<b>2.4211</b>	<b>0.0000</b>	<b>101.4956</b>

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Unrefrigerated Warehouse-No Rail	201.82	40.9676	2.4211	0.0000	101.4956
<b>Total</b>		<b>40.9676</b>	<b>2.4211</b>	<b>0.0000</b>	<b>101.4956</b>

**9.0 Operational Offroad**

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

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### Fire Pumps and Emergency Generators

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

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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### User Defined Equipment

Equipment Type	Number
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## 11.0 Vegetation

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