

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Annual

**1248 Corona Drive (Single-family Residence)**  
**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
Single Family Housing	1.00	Dwelling Unit	0.20	3,061.00	3

### 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>	2019
<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 -

Land Use - Parcel size is 8,889 square-feet (0.2 acre) and the single-family dwelling size is 2,566 square-feet with an attached 495 two-car garage.

Construction Phase - The project site is a vacant hillside property without any buildings or structures. As a result, zero days of demolition is provided within this air quality model.

Demolition - Vacant site. Zero square-footage of building or structure demolition.

Grading -

## 1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Annual

Table Name	Column Name	Default Value	New Value
tblGrading	MaterialExported	0.00	1,095.00
tblLandUse	LandUseSquareFeet	1,800.00	3,061.00
tblLandUse	LotAcreage	0.32	0.20

## 2.0 Emissions Summary

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1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Annual

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	11-22-2017	2-21-2018	0.4299	0.4299
2	2-22-2018	5-21-2018	0.3212	0.3212
		Highest	0.4299	0.4299

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	0.0156	3.8000e-004	0.0167	2.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003	0.1062	0.2210	0.3272	3.3000e-004	1.0000e-005	0.3377
Energy	1.5000e-004	1.2700e-003	5.4000e-004	1.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	5.6188	5.6188	1.4000e-004	5.0000e-005	5.6368
Mobile	3.7600e-003	0.0193	0.0524	1.6000e-004	0.0123	1.9000e-004	0.0124	3.2900e-003	1.8000e-004	3.4600e-003	0.0000	14.7313	14.7313	8.6000e-004	0.0000	14.7529
Waste						0.0000	0.0000		0.0000	0.0000	0.2497	0.0000	0.2497	0.0148	0.0000	0.6186
Water						0.0000	0.0000		0.0000	0.0000	0.0207	0.6601	0.6807	2.1400e-003	5.0000e-005	0.7502
<b>Total</b>	<b>0.0195</b>	<b>0.0209</b>	<b>0.0697</b>	<b>1.9000e-004</b>	<b>0.0123</b>	<b>1.3000e-003</b>	<b>0.0136</b>	<b>3.2900e-003</b>	<b>1.2900e-003</b>	<b>4.5700e-003</b>	<b>0.3766</b>	<b>21.2311</b>	<b>21.6076</b>	<b>0.0182</b>	<b>1.1000e-004</b>	<b>22.0962</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Annual

**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	0.0156	3.8000e-004	0.0167	2.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003	0.1062	0.2210	0.3272	3.3000e-004	1.0000e-005	0.3377
Energy	1.5000e-004	1.2700e-003	5.4000e-004	1.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	5.6188	5.6188	1.4000e-004	5.0000e-005	5.6368
Mobile	3.7600e-003	0.0193	0.0524	1.6000e-004	0.0123	1.9000e-004	0.0124	3.2900e-003	1.8000e-004	3.4600e-003	0.0000	14.7313	14.7313	8.6000e-004	0.0000	14.7529
Waste						0.0000	0.0000		0.0000	0.0000	0.2497	0.0000	0.2497	0.0148	0.0000	0.6186
Water						0.0000	0.0000		0.0000	0.0000	0.0207	0.6601	0.6807	2.1400e-003	5.0000e-005	0.7502
<b>Total</b>	<b>0.0195</b>	<b>0.0209</b>	<b>0.0697</b>	<b>1.9000e-004</b>	<b>0.0123</b>	<b>1.3000e-003</b>	<b>0.0136</b>	<b>3.2900e-003</b>	<b>1.2900e-003</b>	<b>4.5700e-003</b>	<b>0.3766</b>	<b>21.2311</b>	<b>21.6076</b>	<b>0.0182</b>	<b>1.1000e-004</b>	<b>22.0962</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**

## 1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	11/22/2017	12/5/2017	5	10	
2	Site Preparation	Site Preparation	12/6/2017	12/6/2017	5	1	
3	Grading	Grading	12/7/2017	12/8/2017	5	2	
4	Building Construction	Building Construction	12/9/2017	4/27/2018	5	100	
5	Paving	Paving	4/28/2018	5/4/2018	5	5	
6	Architectural Coating	Architectural Coating	5/5/2018	5/11/2018	5	5	

**Acres of Grading (Site Preparation Phase): 0.5**

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

**Acres of Paving: 0**

**Residential Indoor: 6,199; Residential Outdoor: 2,066; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)**

**OffRoad Equipment**

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Annual

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	137.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Annual

### 3.1 Mitigation Measures Construction

### 3.2 Demolition - 2017

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0500e-003	0.0525	0.0396	6.0000e-005		3.6600e-003	3.6600e-003		3.4900e-003	3.4900e-003	0.0000	5.3493	5.3493	1.0500e-003	0.0000	5.3755
<b>Total</b>	<b>6.0500e-003</b>	<b>0.0525</b>	<b>0.0396</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>3.6600e-003</b>	<b>3.6600e-003</b>	<b>0.0000</b>	<b>3.4900e-003</b>	<b>3.4900e-003</b>	<b>0.0000</b>	<b>5.3493</b>	<b>5.3493</b>	<b>1.0500e-003</b>	<b>0.0000</b>	<b>5.3755</b>



1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Annual

**3.2 Demolition - 2017**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.1000e-004	2.7000e-004	2.9200e-003	1.0000e-005	5.5000e-004	1.0000e-005	5.5000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.5598	0.5598	2.0000e-005	0.0000	0.5603
<b>Total</b>	<b>3.1000e-004</b>	<b>2.7000e-004</b>	<b>2.9200e-003</b>	<b>1.0000e-005</b>	<b>5.5000e-004</b>	<b>1.0000e-005</b>	<b>5.5000e-004</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>0.5598</b>	<b>0.5598</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.5603</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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0500e-003	0.0525	0.0396	6.0000e-005		3.6600e-003	3.6600e-003		3.4900e-003	3.4900e-003	0.0000	5.3492	5.3492	1.0500e-003	0.0000	5.3755
<b>Total</b>	<b>6.0500e-003</b>	<b>0.0525</b>	<b>0.0396</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>3.6600e-003</b>	<b>3.6600e-003</b>	<b>0.0000</b>	<b>3.4900e-003</b>	<b>3.4900e-003</b>	<b>0.0000</b>	<b>5.3492</b>	<b>5.3492</b>	<b>1.0500e-003</b>	<b>0.0000</b>	<b>5.3755</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Annual

**3.2 Demolition - 2017**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.1000e-004	2.7000e-004	2.9200e-003	1.0000e-005	5.5000e-004	1.0000e-005	5.5000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.5598	0.5598	2.0000e-005	0.0000	0.5603
<b>Total</b>	<b>3.1000e-004</b>	<b>2.7000e-004</b>	<b>2.9200e-003</b>	<b>1.0000e-005</b>	<b>5.5000e-004</b>	<b>1.0000e-005</b>	<b>5.5000e-004</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>0.5598</b>	<b>0.5598</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.5603</b>

**3.3 Site Preparation - 2017**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.7000e-004	0.0000	2.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.3000e-004	5.2600e-003	2.1800e-003	0.0000		2.4000e-004	2.4000e-004		2.2000e-004	2.2000e-004	0.0000	0.4534	0.4534	1.4000e-004	0.0000	0.4569
<b>Total</b>	<b>4.3000e-004</b>	<b>5.2600e-003</b>	<b>2.1800e-003</b>	<b>0.0000</b>	<b>2.7000e-004</b>	<b>2.4000e-004</b>	<b>5.1000e-004</b>	<b>3.0000e-005</b>	<b>2.2000e-004</b>	<b>2.5000e-004</b>	<b>0.0000</b>	<b>0.4534</b>	<b>0.4534</b>	<b>1.4000e-004</b>	<b>0.0000</b>	<b>0.4569</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Annual

**3.3 Site Preparation - 2017**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	1.0000e-005	1.5000e-004	0.0000	3.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0280	0.0280	0.0000	0.0000	0.0280
<b>Total</b>	<b>2.0000e-005</b>	<b>1.0000e-005</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0280</b>	<b>0.0280</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0280</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					2.7000e-004	0.0000	2.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.3000e-004	5.2600e-003	2.1800e-003	0.0000		2.4000e-004	2.4000e-004		2.2000e-004	2.2000e-004	0.0000	0.4534	0.4534	1.4000e-004	0.0000	0.4569
<b>Total</b>	<b>4.3000e-004</b>	<b>5.2600e-003</b>	<b>2.1800e-003</b>	<b>0.0000</b>	<b>2.7000e-004</b>	<b>2.4000e-004</b>	<b>5.1000e-004</b>	<b>3.0000e-005</b>	<b>2.2000e-004</b>	<b>2.5000e-004</b>	<b>0.0000</b>	<b>0.4534</b>	<b>0.4534</b>	<b>1.4000e-004</b>	<b>0.0000</b>	<b>0.4569</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Annual

**3.3 Site Preparation - 2017**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	1.0000e-005	1.5000e-004	0.0000	3.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0280	0.0280	0.0000	0.0000	0.0280
<b>Total</b>	<b>2.0000e-005</b>	<b>1.0000e-005</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0280</b>	<b>0.0280</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0280</b>

**3.4 Grading - 2017**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					8.1000e-004	0.0000	8.1000e-004	4.2000e-004	0.0000	4.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.2100e-003	0.0105	7.9200e-003	1.0000e-005		7.3000e-004	7.3000e-004		7.0000e-004	7.0000e-004	0.0000	1.0699	1.0699	2.1000e-004	0.0000	1.0751
<b>Total</b>	<b>1.2100e-003</b>	<b>0.0105</b>	<b>7.9200e-003</b>	<b>1.0000e-005</b>	<b>8.1000e-004</b>	<b>7.3000e-004</b>	<b>1.5400e-003</b>	<b>4.2000e-004</b>	<b>7.0000e-004</b>	<b>1.1200e-003</b>	<b>0.0000</b>	<b>1.0699</b>	<b>1.0699</b>	<b>2.1000e-004</b>	<b>0.0000</b>	<b>1.0751</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Annual

**3.4 Grading - 2017**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.8000e-004	0.0246	5.0100e-003	6.0000e-005	1.1800e-003	1.3000e-004	1.3000e-003	3.2000e-004	1.2000e-004	4.4000e-004	0.0000	5.4488	5.4488	3.9000e-004	0.0000	5.4586
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-005	5.0000e-005	5.8000e-004	0.0000	1.1000e-004	0.0000	1.1000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.1120	0.1120	0.0000	0.0000	0.1121
<b>Total</b>	<b>8.4000e-004</b>	<b>0.0247</b>	<b>5.5900e-003</b>	<b>6.0000e-005</b>	<b>1.2900e-003</b>	<b>1.3000e-004</b>	<b>1.4100e-003</b>	<b>3.5000e-004</b>	<b>1.2000e-004</b>	<b>4.7000e-004</b>	<b>0.0000</b>	<b>5.5608</b>	<b>5.5608</b>	<b>3.9000e-004</b>	<b>0.0000</b>	<b>5.5706</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					8.1000e-004	0.0000	8.1000e-004	4.2000e-004	0.0000	4.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.2100e-003	0.0105	7.9200e-003	1.0000e-005		7.3000e-004	7.3000e-004		7.0000e-004	7.0000e-004	0.0000	1.0699	1.0699	2.1000e-004	0.0000	1.0751
<b>Total</b>	<b>1.2100e-003</b>	<b>0.0105</b>	<b>7.9200e-003</b>	<b>1.0000e-005</b>	<b>8.1000e-004</b>	<b>7.3000e-004</b>	<b>1.5400e-003</b>	<b>4.2000e-004</b>	<b>7.0000e-004</b>	<b>1.1200e-003</b>	<b>0.0000</b>	<b>1.0699</b>	<b>1.0699</b>	<b>2.1000e-004</b>	<b>0.0000</b>	<b>1.0751</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Annual

**3.4 Grading - 2017**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.8000e-004	0.0246	5.0100e-003	6.0000e-005	1.1800e-003	1.3000e-004	1.3000e-003	3.2000e-004	1.2000e-004	4.4000e-004	0.0000	5.4488	5.4488	3.9000e-004	0.0000	5.4586
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-005	5.0000e-005	5.8000e-004	0.0000	1.1000e-004	0.0000	1.1000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.1120	0.1120	0.0000	0.0000	0.1121
<b>Total</b>	<b>8.4000e-004</b>	<b>0.0247</b>	<b>5.5900e-003</b>	<b>6.0000e-005</b>	<b>1.2900e-003</b>	<b>1.3000e-004</b>	<b>1.4100e-003</b>	<b>3.5000e-004</b>	<b>1.2000e-004</b>	<b>4.7000e-004</b>	<b>0.0000</b>	<b>5.5608</b>	<b>5.5608</b>	<b>3.9000e-004</b>	<b>0.0000</b>	<b>5.5706</b>

**3.5 Building Construction - 2017**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.6100e-003	0.0957	0.0605	9.0000e-005		6.4400e-003	6.4400e-003		5.9300e-003	5.9300e-003	0.0000	7.9328	7.9328	2.4300e-003	0.0000	7.9935
<b>Total</b>	<b>9.6100e-003</b>	<b>0.0957</b>	<b>0.0605</b>	<b>9.0000e-005</b>		<b>6.4400e-003</b>	<b>6.4400e-003</b>		<b>5.9300e-003</b>	<b>5.9300e-003</b>	<b>0.0000</b>	<b>7.9328</b>	<b>7.9328</b>	<b>2.4300e-003</b>	<b>0.0000</b>	<b>7.9935</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Annual

**3.5 Building Construction - 2017**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</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	9.6100e-003	0.0957	0.0605	9.0000e-005		6.4400e-003	6.4400e-003		5.9300e-003	5.9300e-003	0.0000	7.9328	7.9328	2.4300e-003	0.0000	7.9935
<b>Total</b>	<b>9.6100e-003</b>	<b>0.0957</b>	<b>0.0605</b>	<b>9.0000e-005</b>		<b>6.4400e-003</b>	<b>6.4400e-003</b>		<b>5.9300e-003</b>	<b>5.9300e-003</b>	<b>0.0000</b>	<b>7.9328</b>	<b>7.9328</b>	<b>2.4300e-003</b>	<b>0.0000</b>	<b>7.9935</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Annual

**3.5 Building Construction - 2017**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**3.5 Building Construction - 2018**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0461	0.4688	0.3294	4.8000e-004		0.0301	0.0301		0.0277	0.0277	0.0000	44.2050	44.2050	0.0138	0.0000	44.5490
<b>Total</b>	<b>0.0461</b>	<b>0.4688</b>	<b>0.3294</b>	<b>4.8000e-004</b>		<b>0.0301</b>	<b>0.0301</b>		<b>0.0277</b>	<b>0.0277</b>	<b>0.0000</b>	<b>44.2050</b>	<b>44.2050</b>	<b>0.0138</b>	<b>0.0000</b>	<b>44.5490</b>



1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Annual

**3.5 Building Construction - 2018**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</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	0.0461	0.4688	0.3294	4.8000e-004		0.0301	0.0301		0.0277	0.0277	0.0000	44.2049	44.2049	0.0138	0.0000	44.5489
<b>Total</b>	<b>0.0461</b>	<b>0.4688</b>	<b>0.3294</b>	<b>4.8000e-004</b>		<b>0.0301</b>	<b>0.0301</b>		<b>0.0277</b>	<b>0.0277</b>	<b>0.0000</b>	<b>44.2049</b>	<b>44.2049</b>	<b>0.0138</b>	<b>0.0000</b>	<b>44.5489</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Annual

**3.5 Building Construction - 2018**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**3.6 Paving - 2018**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.3000e-003	0.0219	0.0181	3.0000e-005		1.2800e-003	1.2800e-003		1.1800e-003	1.1800e-003	0.0000	2.4270	2.4270	6.8000e-004	0.0000	2.4441
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>2.3000e-003</b>	<b>0.0219</b>	<b>0.0181</b>	<b>3.0000e-005</b>		<b>1.2800e-003</b>	<b>1.2800e-003</b>		<b>1.1800e-003</b>	<b>1.1800e-003</b>	<b>0.0000</b>	<b>2.4270</b>	<b>2.4270</b>	<b>6.8000e-004</b>	<b>0.0000</b>	<b>2.4441</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Annual

**3.6 Paving - 2018**

**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	2.5000e-004	2.1000e-004	2.2900e-003	1.0000e-005	4.9000e-004	0.0000	5.0000e-004	1.3000e-004	0.0000	1.4000e-004	0.0000	0.4900	0.4900	2.0000e-005	0.0000	0.4904
<b>Total</b>	<b>2.5000e-004</b>	<b>2.1000e-004</b>	<b>2.2900e-003</b>	<b>1.0000e-005</b>	<b>4.9000e-004</b>	<b>0.0000</b>	<b>5.0000e-004</b>	<b>1.3000e-004</b>	<b>0.0000</b>	<b>1.4000e-004</b>	<b>0.0000</b>	<b>0.4900</b>	<b>0.4900</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.4904</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	2.3000e-003	0.0219	0.0181	3.0000e-005		1.2800e-003	1.2800e-003		1.1800e-003	1.1800e-003	0.0000	2.4270	2.4270	6.8000e-004	0.0000	2.4441
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>2.3000e-003</b>	<b>0.0219</b>	<b>0.0181</b>	<b>3.0000e-005</b>		<b>1.2800e-003</b>	<b>1.2800e-003</b>		<b>1.1800e-003</b>	<b>1.1800e-003</b>	<b>0.0000</b>	<b>2.4270</b>	<b>2.4270</b>	<b>6.8000e-004</b>	<b>0.0000</b>	<b>2.4441</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Annual

**3.6 Paving - 2018**

**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	2.5000e-004	2.1000e-004	2.2900e-003	1.0000e-005	4.9000e-004	0.0000	5.0000e-004	1.3000e-004	0.0000	1.4000e-004	0.0000	0.4900	0.4900	2.0000e-005	0.0000	0.4904
<b>Total</b>	<b>2.5000e-004</b>	<b>2.1000e-004</b>	<b>2.2900e-003</b>	<b>1.0000e-005</b>	<b>4.9000e-004</b>	<b>0.0000</b>	<b>5.0000e-004</b>	<b>1.3000e-004</b>	<b>0.0000</b>	<b>1.4000e-004</b>	<b>0.0000</b>	<b>0.4900</b>	<b>0.4900</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.4904</b>

**3.7 Architectural Coating - 2018**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	9.5800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.5000e-004	5.0100e-003	4.6400e-003	1.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004	0.0000	0.6383	0.6383	6.0000e-005	0.0000	0.6398
<b>Total</b>	<b>0.0103</b>	<b>5.0100e-003</b>	<b>4.6400e-003</b>	<b>1.0000e-005</b>		<b>3.8000e-004</b>	<b>3.8000e-004</b>		<b>3.8000e-004</b>	<b>3.8000e-004</b>	<b>0.0000</b>	<b>0.6383</b>	<b>0.6383</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>0.6398</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Annual

**3.7 Architectural Coating - 2018**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</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	9.5800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.5000e-004	5.0100e-003	4.6400e-003	1.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004	0.0000	0.6383	0.6383	6.0000e-005	0.0000	0.6398
<b>Total</b>	<b>0.0103</b>	<b>5.0100e-003</b>	<b>4.6400e-003</b>	<b>1.0000e-005</b>		<b>3.8000e-004</b>	<b>3.8000e-004</b>		<b>3.8000e-004</b>	<b>3.8000e-004</b>	<b>0.0000</b>	<b>0.6383</b>	<b>0.6383</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>0.6398</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Annual

### 3.7 Architectural Coating - 2018

#### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

### 4.0 Operational Detail - Mobile

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#### 4.1 Mitigation Measures Mobile

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.7600e-003	0.0193	0.0524	1.6000e-004	0.0123	1.9000e-004	0.0124	3.2900e-003	1.8000e-004	3.4600e-003	0.0000	14.7313	14.7313	8.6000e-004	0.0000	14.7529
Unmitigated	3.7600e-003	0.0193	0.0524	1.6000e-004	0.0123	1.9000e-004	0.0124	3.2900e-003	1.8000e-004	3.4600e-003	0.0000	14.7313	14.7313	8.6000e-004	0.0000	14.7529

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Single Family Housing	9.52	9.91	8.62	32,282	32,282
Total	9.52	9.91	8.62	32,282	32,282

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
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Single Family Housing	0.548007	0.045751	0.200309	0.124119	0.017133	0.006025	0.018861	0.028423	0.002391	0.002469	0.004915	0.000672	0.000925

5.0 Energy Detail

Historical Energy Use: N

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Annual

**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	4.1526	4.1526	1.1000e-004	2.0000e-005	4.1620
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	4.1526	4.1526	1.1000e-004	2.0000e-005	4.1620
NaturalGas Mitigated	1.5000e-004	1.2700e-003	5.4000e-004	1.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	1.4662	1.4662	3.0000e-005	3.0000e-005	1.4749
NaturalGas Unmitigated	1.5000e-004	1.2700e-003	5.4000e-004	1.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	1.4662	1.4662	3.0000e-005	3.0000e-005	1.4749

**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					
Single Family Housing	27474.6	1.5000e-004	1.2700e-003	5.4000e-004	1.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	1.4662	1.4662	3.0000e-005	3.0000e-005	1.4749
<b>Total</b>		<b>1.5000e-004</b>	<b>1.2700e-003</b>	<b>5.4000e-004</b>	<b>1.0000e-005</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>1.4662</b>	<b>1.4662</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>1.4749</b>



1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Annual

### 5.2 Energy by Land Use - Natural Gas

#### Mitigated

	Natural Gas 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					
Single Family Housing	27474.6	1.5000e-004	1.2700e-003	5.4000e-004	1.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	1.4662	1.4662	3.0000e-005	3.0000e-005	1.4749
<b>Total</b>		<b>1.5000e-004</b>	<b>1.2700e-003</b>	<b>5.4000e-004</b>	<b>1.0000e-005</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>		<b>1.0000e-004</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>1.4662</b>	<b>1.4662</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>1.4749</b>

### 5.3 Energy by Land Use - Electricity

#### Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Single Family Housing	8208.29	4.1526	1.1000e-004	2.0000e-005	4.1620
<b>Total</b>		<b>4.1526</b>	<b>1.1000e-004</b>	<b>2.0000e-005</b>	<b>4.1620</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Annual

### 5.3 Energy by Land Use - Electricity

#### Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Single Family Housing	8208.29	4.1526	1.1000e-004	2.0000e-005	4.1620
<b>Total</b>		<b>4.1526</b>	<b>1.1000e-004</b>	<b>2.0000e-005</b>	<b>4.1620</b>

### 6.0 Area Detail

#### 6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0156	3.8000e-004	0.0167	2.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003	0.1062	0.2210	0.3272	3.3000e-004	1.0000e-005	0.3377
Unmitigated	0.0156	3.8000e-004	0.0167	2.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003	0.1062	0.2210	0.3272	3.3000e-004	1.0000e-005	0.3377

## 1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Annual

**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	9.6000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0111					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	3.2800e-003	2.6000e-004	6.3600e-003	2.0000e-005		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004	0.1062	0.2041	0.3103	3.2000e-004	1.0000e-005	0.3204
Landscaping	3.2000e-004	1.2000e-004	0.0104	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.0169	0.0169	2.0000e-005	0.0000	0.0173
<b>Total</b>	<b>0.0156</b>	<b>3.8000e-004</b>	<b>0.0167</b>	<b>2.0000e-005</b>		<b>1.0100e-003</b>	<b>1.0100e-003</b>		<b>1.0100e-003</b>	<b>1.0100e-003</b>	<b>0.1062</b>	<b>0.2210</b>	<b>0.3272</b>	<b>3.4000e-004</b>	<b>1.0000e-005</b>	<b>0.3377</b>

## 1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Annual

**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	9.6000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0111					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	3.2800e-003	2.6000e-004	6.3600e-003	2.0000e-005		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004	0.1062	0.2041	0.3103	3.2000e-004	1.0000e-005	0.3204
Landscaping	3.2000e-004	1.2000e-004	0.0104	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.0169	0.0169	2.0000e-005	0.0000	0.0173
<b>Total</b>	<b>0.0156</b>	<b>3.8000e-004</b>	<b>0.0167</b>	<b>2.0000e-005</b>		<b>1.0100e-003</b>	<b>1.0100e-003</b>		<b>1.0100e-003</b>	<b>1.0100e-003</b>	<b>0.1062</b>	<b>0.2210</b>	<b>0.3272</b>	<b>3.4000e-004</b>	<b>1.0000e-005</b>	<b>0.3377</b>

**7.0 Water Detail****7.1 Mitigation Measures Water**

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.6807	2.1400e-003	5.0000e-005	0.7502
Unmitigated	0.6807	2.1400e-003	5.0000e-005	0.7502

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Single Family Housing	0.065154 / 0.0410754	0.6807	2.1400e-003	5.0000e-005	0.7502
<b>Total</b>		<b>0.6807</b>	<b>2.1400e-003</b>	<b>5.0000e-005</b>	<b>0.7502</b>

1248 Corona Drive (Single-family Residence) - 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			
Single Family Housing	0.065154 / 0.0410754	0.6807	2.1400e-003	5.0000e-005	0.7502
<b>Total</b>		<b>0.6807</b>	<b>2.1400e-003</b>	<b>5.0000e-005</b>	<b>0.7502</b>

## 8.0 Waste Detail

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### 8.1 Mitigation Measures Waste

#### Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.2497	0.0148	0.0000	0.6186
Unmitigated	0.2497	0.0148	0.0000	0.6186

1248 Corona Drive (Single-family Residence) - 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			
Single Family Housing	1.23	0.2497	0.0148	0.0000	0.6186
<b>Total</b>		<b>0.2497</b>	<b>0.0148</b>	<b>0.0000</b>	<b>0.6186</b>

#### Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Single Family Housing	1.23	0.2497	0.0148	0.0000	0.6186
<b>Total</b>		<b>0.2497</b>	<b>0.0148</b>	<b>0.0000</b>	<b>0.6186</b>

### 9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Annual

## 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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1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Summer

**1248 Corona Drive (Single-family Residence)**  
**Los Angeles-South Coast County, Summer**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	1.00	Dwelling Unit	0.20	3,061.00	3

**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>	2019
<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 -

Land Use - Parcel size is 8,889 square-feet (0.2 acre) and the single-family dwelling size is 2,566 square-feet with an attached 495 two-car garage.

Construction Phase - The project site is a vacant hillside property without any buildings or structures. As a result, zero days of demolition is provided within this air quality model.

Demolition - Vacant site. Zero square-footage of building or structure demolition.

Grading -

## 1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Summer

Table Name	Column Name	Default Value	New Value
tblGrading	MaterialExported	0.00	1,095.00
tblLandUse	LandUseSquareFeet	1,800.00	3,061.00
tblLandUse	LotAcreage	0.32	0.20

## 2.0 Emissions Summary

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1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Summer

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.3304	0.0217	0.5915	1.3000e-003		0.0768	0.0768		0.0768	0.0768	9.3669	18.1486	27.5155	0.0281	6.4000e-004	28.4069
Energy	8.1000e-004	6.9400e-003	2.9500e-003	4.0000e-005		5.6000e-004	5.6000e-004		5.6000e-004	5.6000e-004		8.8556	8.8556	1.7000e-004	1.6000e-004	8.9083
Mobile	0.0228	0.1057	0.3133	9.6000e-004	0.0720	1.0800e-003	0.0731	0.0193	1.0100e-003	0.0203		97.0422	97.0422	5.5400e-003		97.1808
<b>Total</b>	<b>0.3540</b>	<b>0.1344</b>	<b>0.9077</b>	<b>2.3000e-003</b>	<b>0.0720</b>	<b>0.0785</b>	<b>0.1505</b>	<b>0.0193</b>	<b>0.0784</b>	<b>0.0977</b>	<b>9.3669</b>	<b>124.0464</b>	<b>133.4133</b>	<b>0.0338</b>	<b>8.0000e-004</b>	<b>134.4960</b>

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.3304	0.0217	0.5915	1.3000e-003		0.0768	0.0768		0.0768	0.0768	9.3669	18.1486	27.5155	0.0281	6.4000e-004	28.4069
Energy	8.1000e-004	6.9400e-003	2.9500e-003	4.0000e-005		5.6000e-004	5.6000e-004		5.6000e-004	5.6000e-004		8.8556	8.8556	1.7000e-004	1.6000e-004	8.9083
Mobile	0.0228	0.1057	0.3133	9.6000e-004	0.0720	1.0800e-003	0.0731	0.0193	1.0100e-003	0.0203		97.0422	97.0422	5.5400e-003		97.1808
<b>Total</b>	<b>0.3540</b>	<b>0.1344</b>	<b>0.9077</b>	<b>2.3000e-003</b>	<b>0.0720</b>	<b>0.0785</b>	<b>0.1505</b>	<b>0.0193</b>	<b>0.0784</b>	<b>0.0977</b>	<b>9.3669</b>	<b>124.0464</b>	<b>133.4133</b>	<b>0.0338</b>	<b>8.0000e-004</b>	<b>134.4960</b>

## 1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Summer

	ROG	NOx	CO	SO2	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**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	11/22/2017	12/5/2017	5	10	
2	Site Preparation	Site Preparation	12/6/2017	12/6/2017	5	1	
3	Grading	Grading	12/7/2017	12/8/2017	5	2	
4	Building Construction	Building Construction	12/9/2017	4/27/2018	5	100	
5	Paving	Paving	4/28/2018	5/4/2018	5	5	
6	Architectural Coating	Architectural Coating	5/5/2018	5/11/2018	5	5	

**Acres of Grading (Site Preparation Phase): 0.5**

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

**Acres of Paving: 0**

**Residential Indoor: 6,199; Residential Outdoor: 2,066; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)**

**OffRoad Equipment**

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	137.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Summer

**3.1 Mitigation Measures Construction**

**3.2 Demolition - 2017**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.2100	10.4978	7.9182	0.0120		0.7318	0.7318		0.6978	0.6978		1,179.3075	1,179.3075	0.2319		1,185.1047
<b>Total</b>	<b>1.2100</b>	<b>10.4978</b>	<b>7.9182</b>	<b>0.0120</b>	<b>0.0000</b>	<b>0.7318</b>	<b>0.7318</b>	<b>0.0000</b>	<b>0.6978</b>	<b>0.6978</b>		<b>1,179.3075</b>	<b>1,179.3075</b>	<b>0.2319</b>		<b>1,185.1047</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Summer

**3.2 Demolition - 2017**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0625	0.0480	0.6156	1.3000e-003	0.1118	1.0400e-003	0.1128	0.0296	9.6000e-004	0.0306		128.8918	128.8918	5.3500e-003		129.0255
<b>Total</b>	<b>0.0625</b>	<b>0.0480</b>	<b>0.6156</b>	<b>1.3000e-003</b>	<b>0.1118</b>	<b>1.0400e-003</b>	<b>0.1128</b>	<b>0.0296</b>	<b>9.6000e-004</b>	<b>0.0306</b>		<b>128.8918</b>	<b>128.8918</b>	<b>5.3500e-003</b>		<b>129.0255</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	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.2100	10.4978	7.9182	0.0120		0.7318	0.7318		0.6978	0.6978	0.0000	1,179.3075	1,179.3075	0.2319		1,185.1047
<b>Total</b>	<b>1.2100</b>	<b>10.4978</b>	<b>7.9182</b>	<b>0.0120</b>	<b>0.0000</b>	<b>0.7318</b>	<b>0.7318</b>	<b>0.0000</b>	<b>0.6978</b>	<b>0.6978</b>	<b>0.0000</b>	<b>1,179.3075</b>	<b>1,179.3075</b>	<b>0.2319</b>		<b>1,185.1047</b>



1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Summer

**3.2 Demolition - 2017**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0625	0.0480	0.6156	1.3000e-003	0.1118	1.0400e-003	0.1128	0.0296	9.6000e-004	0.0306		128.8918	128.8918	5.3500e-003		129.0255
<b>Total</b>	<b>0.0625</b>	<b>0.0480</b>	<b>0.6156</b>	<b>1.3000e-003</b>	<b>0.1118</b>	<b>1.0400e-003</b>	<b>0.1128</b>	<b>0.0296</b>	<b>9.6000e-004</b>	<b>0.0306</b>		<b>128.8918</b>	<b>128.8918</b>	<b>5.3500e-003</b>		<b>129.0255</b>

**3.3 Site Preparation - 2017**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.8524	10.5148	4.3533	9.7700e-003		0.4726	0.4726		0.4347	0.4347		999.5201	999.5201	0.3063		1,007.1764
<b>Total</b>	<b>0.8524</b>	<b>10.5148</b>	<b>4.3533</b>	<b>9.7700e-003</b>	<b>0.5303</b>	<b>0.4726</b>	<b>1.0028</b>	<b>0.0573</b>	<b>0.4347</b>	<b>0.4920</b>		<b>999.5201</b>	<b>999.5201</b>	<b>0.3063</b>		<b>1,007.1764</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Summer

**3.3 Site Preparation - 2017**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0313	0.0240	0.3078	6.5000e-004	0.0559	5.2000e-004	0.0564	0.0148	4.8000e-004	0.0153		64.4459	64.4459	2.6800e-003		64.5128
<b>Total</b>	<b>0.0313</b>	<b>0.0240</b>	<b>0.3078</b>	<b>6.5000e-004</b>	<b>0.0559</b>	<b>5.2000e-004</b>	<b>0.0564</b>	<b>0.0148</b>	<b>4.8000e-004</b>	<b>0.0153</b>		<b>64.4459</b>	<b>64.4459</b>	<b>2.6800e-003</b>		<b>64.5128</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	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.8524	10.5148	4.3533	9.7700e-003		0.4726	0.4726		0.4347	0.4347	0.0000	999.5201	999.5201	0.3063		1,007.1764
<b>Total</b>	<b>0.8524</b>	<b>10.5148</b>	<b>4.3533</b>	<b>9.7700e-003</b>	<b>0.5303</b>	<b>0.4726</b>	<b>1.0028</b>	<b>0.0573</b>	<b>0.4347</b>	<b>0.4920</b>	<b>0.0000</b>	<b>999.5201</b>	<b>999.5201</b>	<b>0.3063</b>		<b>1,007.1764</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Summer

**3.3 Site Preparation - 2017**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0313	0.0240	0.3078	6.5000e-004	0.0559	5.2000e-004	0.0564	0.0148	4.8000e-004	0.0153		64.4459	64.4459	2.6800e-003		64.5128
<b>Total</b>	<b>0.0313</b>	<b>0.0240</b>	<b>0.3078</b>	<b>6.5000e-004</b>	<b>0.0559</b>	<b>5.2000e-004</b>	<b>0.0564</b>	<b>0.0148</b>	<b>4.8000e-004</b>	<b>0.0153</b>		<b>64.4459</b>	<b>64.4459</b>	<b>2.6800e-003</b>		<b>64.5128</b>

**3.4 Grading - 2017**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.8147	0.0000	0.8147	0.4232	0.0000	0.4232			0.0000			0.0000
Off-Road	1.2100	10.4978	7.9182	0.0120		0.7318	0.7318		0.6978	0.6978		1,179.3075	1,179.3075	0.2319		1,185.1047
<b>Total</b>	<b>1.2100</b>	<b>10.4978</b>	<b>7.9182</b>	<b>0.0120</b>	<b>0.8147</b>	<b>0.7318</b>	<b>1.5465</b>	<b>0.4232</b>	<b>0.6978</b>	<b>1.1209</b>		<b>1,179.3075</b>	<b>1,179.3075</b>	<b>0.2319</b>		<b>1,185.1047</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Summer

**3.4 Grading - 2017**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.7733	23.8108	4.8628	0.0561	1.1976	0.1258	1.3233	0.3283	0.1203	0.4486		6,047.4592	6,047.4592	0.4225		6,058.0218
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0625	0.0480	0.6156	1.3000e-003	0.1118	1.0400e-003	0.1128	0.0296	9.6000e-004	0.0306		128.8918	128.8918	5.3500e-003		129.0255
<b>Total</b>	<b>0.8358</b>	<b>23.8588</b>	<b>5.4784</b>	<b>0.0574</b>	<b>1.3093</b>	<b>0.1268</b>	<b>1.4361</b>	<b>0.3579</b>	<b>0.1213</b>	<b>0.4792</b>		<b>6,176.3510</b>	<b>6,176.3510</b>	<b>0.4279</b>		<b>6,187.0473</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	lb/day										lb/day					
Fugitive Dust					0.8147	0.0000	0.8147	0.4232	0.0000	0.4232			0.0000			0.0000
Off-Road	1.2100	10.4978	7.9182	0.0120		0.7318	0.7318		0.6978	0.6978	0.0000	1,179.3075	1,179.3075	0.2319		1,185.1047
<b>Total</b>	<b>1.2100</b>	<b>10.4978</b>	<b>7.9182</b>	<b>0.0120</b>	<b>0.8147</b>	<b>0.7318</b>	<b>1.5465</b>	<b>0.4232</b>	<b>0.6978</b>	<b>1.1209</b>	<b>0.0000</b>	<b>1,179.3075</b>	<b>1,179.3075</b>	<b>0.2319</b>		<b>1,185.1047</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Summer

**3.4 Grading - 2017**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.7733	23.8108	4.8628	0.0561	1.1976	0.1258	1.3233	0.3283	0.1203	0.4486		6,047.459 2	6,047.459 2	0.4225		6,058.021 8
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0625	0.0480	0.6156	1.3000e-003	0.1118	1.0400e-003	0.1128	0.0296	9.6000e-004	0.0306		128.8918	128.8918	5.3500e-003		129.0255
<b>Total</b>	<b>0.8358</b>	<b>23.8588</b>	<b>5.4784</b>	<b>0.0574</b>	<b>1.3093</b>	<b>0.1268</b>	<b>1.4361</b>	<b>0.3579</b>	<b>0.1213</b>	<b>0.4792</b>		<b>6,176.351 0</b>	<b>6,176.351 0</b>	<b>0.4279</b>		<b>6,187.047 3</b>

**3.5 Building Construction - 2017**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2812	12.7589	8.0700	0.0114		0.8591	0.8591		0.7904	0.7904		1,165.916 4	1,165.916 4	0.3572		1,174.847 3
<b>Total</b>	<b>1.2812</b>	<b>12.7589</b>	<b>8.0700</b>	<b>0.0114</b>		<b>0.8591</b>	<b>0.8591</b>		<b>0.7904</b>	<b>0.7904</b>		<b>1,165.916 4</b>	<b>1,165.916 4</b>	<b>0.3572</b>		<b>1,174.847 3</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Summer

**3.5 Building Construction - 2017**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</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	lb/day										lb/day					
Off-Road	1.2812	12.7589	8.0700	0.0114		0.8591	0.8591		0.7904	0.7904	0.0000	1,165.9164	1,165.9164	0.3572		1,174.8473
<b>Total</b>	<b>1.2812</b>	<b>12.7589</b>	<b>8.0700</b>	<b>0.0114</b>		<b>0.8591</b>	<b>0.8591</b>		<b>0.7904</b>	<b>0.7904</b>	<b>0.0000</b>	<b>1,165.9164</b>	<b>1,165.9164</b>	<b>0.3572</b>		<b>1,174.8473</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Summer

### 3.5 Building Construction - 2017

#### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>

### 3.5 Building Construction - 2018

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0848	11.0316	7.7512	0.0114		0.7087	0.7087		0.6520	0.6520		1,146.5323	1,146.5323	0.3569		1,155.4555
<b>Total</b>	<b>1.0848</b>	<b>11.0316</b>	<b>7.7512</b>	<b>0.0114</b>		<b>0.7087</b>	<b>0.7087</b>		<b>0.6520</b>	<b>0.6520</b>		<b>1,146.5323</b>	<b>1,146.5323</b>	<b>0.3569</b>		<b>1,155.4555</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Summer

**3.5 Building Construction - 2018**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</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	lb/day										lb/day					
Off-Road	1.0848	11.0316	7.7512	0.0114		0.7087	0.7087		0.6520	0.6520	0.0000	1,146.5323	1,146.5323	0.3569		1,155.4555
<b>Total</b>	<b>1.0848</b>	<b>11.0316</b>	<b>7.7512</b>	<b>0.0114</b>		<b>0.7087</b>	<b>0.7087</b>		<b>0.6520</b>	<b>0.6520</b>	<b>0.0000</b>	<b>1,146.5323</b>	<b>1,146.5323</b>	<b>0.3569</b>		<b>1,155.4555</b>



1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Summer

### 3.5 Building Construction - 2018

#### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>

### 3.6 Paving - 2018

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9202	8.7447	7.2240	0.0113		0.5109	0.5109		0.4735	0.4735		1,070.137 2	1,070.137 2	0.3017		1,077.679 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.9202</b>	<b>8.7447</b>	<b>7.2240</b>	<b>0.0113</b>		<b>0.5109</b>	<b>0.5109</b>		<b>0.4735</b>	<b>0.4735</b>		<b>1,070.137 2</b>	<b>1,070.137 2</b>	<b>0.3017</b>		<b>1,077.679 8</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Summer

**3.6 Paving - 2018**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0995	0.0751	0.9721	2.2700e-003	0.2012	1.7900e-003	0.2030	0.0534	1.6500e-003	0.0550		225.6642	225.6642	8.4600e-003		225.8758
<b>Total</b>	<b>0.0995</b>	<b>0.0751</b>	<b>0.9721</b>	<b>2.2700e-003</b>	<b>0.2012</b>	<b>1.7900e-003</b>	<b>0.2030</b>	<b>0.0534</b>	<b>1.6500e-003</b>	<b>0.0550</b>		<b>225.6642</b>	<b>225.6642</b>	<b>8.4600e-003</b>		<b>225.8758</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	lb/day										lb/day					
Off-Road	0.9202	8.7447	7.2240	0.0113		0.5109	0.5109		0.4735	0.4735	0.0000	1,070.1372	1,070.1372	0.3017		1,077.6798
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.9202</b>	<b>8.7447</b>	<b>7.2240</b>	<b>0.0113</b>		<b>0.5109</b>	<b>0.5109</b>		<b>0.4735</b>	<b>0.4735</b>	<b>0.0000</b>	<b>1,070.1372</b>	<b>1,070.1372</b>	<b>0.3017</b>		<b>1,077.6798</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Summer

**3.6 Paving - 2018**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0995	0.0751	0.9721	2.2700e-003	0.2012	1.7900e-003	0.2030	0.0534	1.6500e-003	0.0550		225.6642	225.6642	8.4600e-003		225.8758
<b>Total</b>	<b>0.0995</b>	<b>0.0751</b>	<b>0.9721</b>	<b>2.2700e-003</b>	<b>0.2012</b>	<b>1.7900e-003</b>	<b>0.2030</b>	<b>0.0534</b>	<b>1.6500e-003</b>	<b>0.0550</b>		<b>225.6642</b>	<b>225.6642</b>	<b>8.4600e-003</b>		<b>225.8758</b>

**3.7 Architectural Coating - 2018**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.8308					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.1171
<b>Total</b>	<b>4.1295</b>	<b>2.0058</b>	<b>1.8542</b>	<b>2.9700e-003</b>		<b>0.1506</b>	<b>0.1506</b>		<b>0.1506</b>	<b>0.1506</b>		<b>281.4485</b>	<b>281.4485</b>	<b>0.0267</b>		<b>282.1171</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Summer

**3.7 Architectural Coating - 2018**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</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	lb/day										lb/day					
Archit. Coating	3.8308					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.1171
<b>Total</b>	<b>4.1295</b>	<b>2.0058</b>	<b>1.8542</b>	<b>2.9700e-003</b>		<b>0.1506</b>	<b>0.1506</b>		<b>0.1506</b>	<b>0.1506</b>	<b>0.0000</b>	<b>281.4485</b>	<b>281.4485</b>	<b>0.0267</b>		<b>282.1171</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Summer

### 3.7 Architectural Coating - 2018

#### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>

### 4.0 Operational Detail - Mobile

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#### 4.1 Mitigation Measures Mobile

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0228	0.1057	0.3133	9.6000e-004	0.0720	1.0800e-003	0.0731	0.0193	1.0100e-003	0.0203		97.0422	97.0422	5.5400e-003		97.1808
Unmitigated	0.0228	0.1057	0.3133	9.6000e-004	0.0720	1.0800e-003	0.0731	0.0193	1.0100e-003	0.0203		97.0422	97.0422	5.5400e-003		97.1808

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Single Family Housing	9.52	9.91	8.62	32,282	32,282
Total	9.52	9.91	8.62	32,282	32,282

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
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Single Family Housing	0.548007	0.045751	0.200309	0.124119	0.017133	0.006025	0.018861	0.028423	0.002391	0.002469	0.004915	0.000672	0.000925

5.0 Energy Detail

Historical Energy Use: N

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Summer

### 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	lb/day										lb/day					
NaturalGas Mitigated	8.1000e-004	6.9400e-003	2.9500e-003	4.0000e-005		5.6000e-004	5.6000e-004		5.6000e-004	5.6000e-004		8.8556	8.8556	1.7000e-004	1.6000e-004	8.9083
NaturalGas Unmitigated	8.1000e-004	6.9400e-003	2.9500e-003	4.0000e-005		5.6000e-004	5.6000e-004		5.6000e-004	5.6000e-004		8.8556	8.8556	1.7000e-004	1.6000e-004	8.9083

### 5.2 Energy by Land Use - NaturalGas

#### Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Single Family Housing	75.2728	8.1000e-004	6.9400e-003	2.9500e-003	4.0000e-005		5.6000e-004	5.6000e-004		5.6000e-004	5.6000e-004		8.8556	8.8556	1.7000e-004	1.6000e-004	8.9083
<b>Total</b>		<b>8.1000e-004</b>	<b>6.9400e-003</b>	<b>2.9500e-003</b>	<b>4.0000e-005</b>		<b>5.6000e-004</b>	<b>5.6000e-004</b>		<b>5.6000e-004</b>	<b>5.6000e-004</b>		<b>8.8556</b>	<b>8.8556</b>	<b>1.7000e-004</b>	<b>1.6000e-004</b>	<b>8.9083</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Summer

### 5.2 Energy by Land Use - Natural Gas

#### Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Single Family Housing	0.0752728	8.1000e-004	6.9400e-003	2.9500e-003	4.0000e-005		5.6000e-004	5.6000e-004		5.6000e-004	5.6000e-004		8.8556	8.8556	1.7000e-004	1.6000e-004	8.9083
<b>Total</b>		<b>8.1000e-004</b>	<b>6.9400e-003</b>	<b>2.9500e-003</b>	<b>4.0000e-005</b>		<b>5.6000e-004</b>	<b>5.6000e-004</b>		<b>5.6000e-004</b>	<b>5.6000e-004</b>		<b>8.8556</b>	<b>8.8556</b>	<b>1.7000e-004</b>	<b>1.6000e-004</b>	<b>8.9083</b>

### 6.0 Area Detail

#### 6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.3304	0.0217	0.5915	1.3000e-003		0.0768	0.0768		0.0768	0.0768	9.3669	18.1486	27.5155	0.0281	6.4000e-004	28.4069
Unmitigated	0.3304	0.0217	0.5915	1.3000e-003		0.0768	0.0768		0.0768	0.0768	9.3669	18.1486	27.5155	0.0281	6.4000e-004	28.4069



1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Summer

**6.2 Area by SubCategory**

**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	5.2500e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0606					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.2620	0.0208	0.5086	1.3000e-003		0.0764	0.0764		0.0764	0.0764	9.3669	18.0000	27.3669	0.0279	6.4000e-004	28.2547
Landscaping	2.5400e-003	9.6000e-004	0.0829	0.0000		4.5000e-004	4.5000e-004		4.5000e-004	4.5000e-004		0.1486	0.1486	1.5000e-004		0.1522
<b>Total</b>	<b>0.3304</b>	<b>0.0217</b>	<b>0.5915</b>	<b>1.3000e-003</b>		<b>0.0768</b>	<b>0.0768</b>		<b>0.0768</b>	<b>0.0768</b>	<b>9.3669</b>	<b>18.1486</b>	<b>27.5155</b>	<b>0.0281</b>	<b>6.4000e-004</b>	<b>28.4069</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Summer

### 6.2 Area by SubCategory

#### Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	5.2500e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0606					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.2620	0.0208	0.5086	1.3000e-003		0.0764	0.0764		0.0764	0.0764	9.3669	18.0000	27.3669	0.0279	6.4000e-004	28.2547
Landscaping	2.5400e-003	9.6000e-004	0.0829	0.0000		4.5000e-004	4.5000e-004		4.5000e-004	4.5000e-004		0.1486	0.1486	1.5000e-004		0.1522
<b>Total</b>	<b>0.3304</b>	<b>0.0217</b>	<b>0.5915</b>	<b>1.3000e-003</b>		<b>0.0768</b>	<b>0.0768</b>		<b>0.0768</b>	<b>0.0768</b>	<b>9.3669</b>	<b>18.1486</b>	<b>27.5155</b>	<b>0.0281</b>	<b>6.4000e-004</b>	<b>28.4069</b>

### 7.0 Water Detail

#### 7.1 Mitigation Measures Water

### 8.0 Waste Detail

#### 8.1 Mitigation Measures Waste

### 9.0 Operational Offroad

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

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Summer

**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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1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Winter

**1248 Corona Drive (Single-family Residence)**  
**Los Angeles-South Coast County, Winter**

## 1.0 Project Characteristics

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### 1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	1.00	Dwelling Unit	0.20	3,061.00	3

### 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>	2019
<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 -

Land Use - Parcel size is 8,889 square-feet (0.2 acre) and the single-family dwelling size is 2,566 square-feet with an attached 495 two-car garage.

Construction Phase - The project site is a vacant hillside property without any buildings or structures. As a result, zero days of demolition is provided within this air quality model.

Demolition - Vacant site. Zero square-footage of building or structure demolition.

Grading -

## 1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Winter

Table Name	Column Name	Default Value	New Value
tblGrading	MaterialExported	0.00	1,095.00
tblLandUse	LandUseSquareFeet	1,800.00	3,061.00
tblLandUse	LotAcreage	0.32	0.20

## 2.0 Emissions Summary

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1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Winter

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.3304	0.0217	0.5915	1.3000e-003		0.0768	0.0768		0.0768	0.0768	9.3669	18.1486	27.5155	0.0281	6.4000e-004	28.4069
Energy	8.1000e-004	6.9400e-003	2.9500e-003	4.0000e-005		5.6000e-004	5.6000e-004		5.6000e-004	5.6000e-004		8.8556	8.8556	1.7000e-004	1.6000e-004	8.9083
Mobile	0.0222	0.1089	0.2980	9.1000e-004	0.0720	1.0800e-003	0.0731	0.0193	1.0200e-003	0.0203		92.3018	92.3018	5.5100e-003		92.4395
<b>Total</b>	<b>0.3534</b>	<b>0.1376</b>	<b>0.8924</b>	<b>2.2500e-003</b>	<b>0.0720</b>	<b>0.0785</b>	<b>0.1505</b>	<b>0.0193</b>	<b>0.0784</b>	<b>0.0977</b>	<b>9.3669</b>	<b>119.3060</b>	<b>128.6729</b>	<b>0.0338</b>	<b>8.0000e-004</b>	<b>129.7546</b>

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.3304	0.0217	0.5915	1.3000e-003		0.0768	0.0768		0.0768	0.0768	9.3669	18.1486	27.5155	0.0281	6.4000e-004	28.4069
Energy	8.1000e-004	6.9400e-003	2.9500e-003	4.0000e-005		5.6000e-004	5.6000e-004		5.6000e-004	5.6000e-004		8.8556	8.8556	1.7000e-004	1.6000e-004	8.9083
Mobile	0.0222	0.1089	0.2980	9.1000e-004	0.0720	1.0800e-003	0.0731	0.0193	1.0200e-003	0.0203		92.3018	92.3018	5.5100e-003		92.4395
<b>Total</b>	<b>0.3534</b>	<b>0.1376</b>	<b>0.8924</b>	<b>2.2500e-003</b>	<b>0.0720</b>	<b>0.0785</b>	<b>0.1505</b>	<b>0.0193</b>	<b>0.0784</b>	<b>0.0977</b>	<b>9.3669</b>	<b>119.3060</b>	<b>128.6729</b>	<b>0.0338</b>	<b>8.0000e-004</b>	<b>129.7546</b>

## 1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Winter

	ROG	NOx	CO	SO2	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

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#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	11/22/2017	12/5/2017	5	10	
2	Site Preparation	Site Preparation	12/6/2017	12/6/2017	5	1	
3	Grading	Grading	12/7/2017	12/8/2017	5	2	
4	Building Construction	Building Construction	12/9/2017	4/27/2018	5	100	
5	Paving	Paving	4/28/2018	5/4/2018	5	5	
6	Architectural Coating	Architectural Coating	5/5/2018	5/11/2018	5	5	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 6,199; Residential Outdoor: 2,066; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

#### OffRoad Equipment



1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	137.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Winter

**3.1 Mitigation Measures Construction**

**3.2 Demolition - 2017**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.2100	10.4978	7.9182	0.0120		0.7318	0.7318		0.6978	0.6978		1,179.3075	1,179.3075	0.2319		1,185.1047
<b>Total</b>	<b>1.2100</b>	<b>10.4978</b>	<b>7.9182</b>	<b>0.0120</b>	<b>0.0000</b>	<b>0.7318</b>	<b>0.7318</b>	<b>0.0000</b>	<b>0.6978</b>	<b>0.6978</b>		<b>1,179.3075</b>	<b>1,179.3075</b>	<b>0.2319</b>		<b>1,185.1047</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Winter

**3.2 Demolition - 2017**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0692	0.0531	0.5699	1.2200e-003	0.1118	1.0400e-003	0.1128	0.0296	9.6000e-004	0.0306		121.3913	121.3913	5.0700e-003		121.5181
<b>Total</b>	<b>0.0692</b>	<b>0.0531</b>	<b>0.5699</b>	<b>1.2200e-003</b>	<b>0.1118</b>	<b>1.0400e-003</b>	<b>0.1128</b>	<b>0.0296</b>	<b>9.6000e-004</b>	<b>0.0306</b>		<b>121.3913</b>	<b>121.3913</b>	<b>5.0700e-003</b>		<b>121.5181</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	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.2100	10.4978	7.9182	0.0120		0.7318	0.7318		0.6978	0.6978	0.0000	1,179.3075	1,179.3075	0.2319		1,185.1047
<b>Total</b>	<b>1.2100</b>	<b>10.4978</b>	<b>7.9182</b>	<b>0.0120</b>	<b>0.0000</b>	<b>0.7318</b>	<b>0.7318</b>	<b>0.0000</b>	<b>0.6978</b>	<b>0.6978</b>	<b>0.0000</b>	<b>1,179.3075</b>	<b>1,179.3075</b>	<b>0.2319</b>		<b>1,185.1047</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Winter

**3.2 Demolition - 2017**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0692	0.0531	0.5699	1.2200e-003	0.1118	1.0400e-003	0.1128	0.0296	9.6000e-004	0.0306		121.3913	121.3913	5.0700e-003		121.5181
<b>Total</b>	<b>0.0692</b>	<b>0.0531</b>	<b>0.5699</b>	<b>1.2200e-003</b>	<b>0.1118</b>	<b>1.0400e-003</b>	<b>0.1128</b>	<b>0.0296</b>	<b>9.6000e-004</b>	<b>0.0306</b>		<b>121.3913</b>	<b>121.3913</b>	<b>5.0700e-003</b>		<b>121.5181</b>

**3.3 Site Preparation - 2017**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.8524	10.5148	4.3533	9.7700e-003		0.4726	0.4726		0.4347	0.4347		999.5201	999.5201	0.3063		1,007.1764
<b>Total</b>	<b>0.8524</b>	<b>10.5148</b>	<b>4.3533</b>	<b>9.7700e-003</b>	<b>0.5303</b>	<b>0.4726</b>	<b>1.0028</b>	<b>0.0573</b>	<b>0.4347</b>	<b>0.4920</b>		<b>999.5201</b>	<b>999.5201</b>	<b>0.3063</b>		<b>1,007.1764</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Winter

**3.3 Site Preparation - 2017**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0346	0.0266	0.2850	6.1000e-004	0.0559	5.2000e-004	0.0564	0.0148	4.8000e-004	0.0153		60.6956	60.6956	2.5400e-003		60.7591
<b>Total</b>	<b>0.0346</b>	<b>0.0266</b>	<b>0.2850</b>	<b>6.1000e-004</b>	<b>0.0559</b>	<b>5.2000e-004</b>	<b>0.0564</b>	<b>0.0148</b>	<b>4.8000e-004</b>	<b>0.0153</b>		<b>60.6956</b>	<b>60.6956</b>	<b>2.5400e-003</b>		<b>60.7591</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	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.8524	10.5148	4.3533	9.7700e-003		0.4726	0.4726		0.4347	0.4347	0.0000	999.5201	999.5201	0.3063		1,007.1764
<b>Total</b>	<b>0.8524</b>	<b>10.5148</b>	<b>4.3533</b>	<b>9.7700e-003</b>	<b>0.5303</b>	<b>0.4726</b>	<b>1.0028</b>	<b>0.0573</b>	<b>0.4347</b>	<b>0.4920</b>	<b>0.0000</b>	<b>999.5201</b>	<b>999.5201</b>	<b>0.3063</b>		<b>1,007.1764</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Winter

### 3.3 Site Preparation - 2017

#### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0346	0.0266	0.2850	6.1000e-004	0.0559	5.2000e-004	0.0564	0.0148	4.8000e-004	0.0153		60.6956	60.6956	2.5400e-003		60.7591
<b>Total</b>	<b>0.0346</b>	<b>0.0266</b>	<b>0.2850</b>	<b>6.1000e-004</b>	<b>0.0559</b>	<b>5.2000e-004</b>	<b>0.0564</b>	<b>0.0148</b>	<b>4.8000e-004</b>	<b>0.0153</b>		<b>60.6956</b>	<b>60.6956</b>	<b>2.5400e-003</b>		<b>60.7591</b>

### 3.4 Grading - 2017

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.8147	0.0000	0.8147	0.4232	0.0000	0.4232			0.0000			0.0000
Off-Road	1.2100	10.4978	7.9182	0.0120		0.7318	0.7318		0.6978	0.6978		1,179.3075	1,179.3075	0.2319		1,185.1047
<b>Total</b>	<b>1.2100</b>	<b>10.4978</b>	<b>7.9182</b>	<b>0.0120</b>	<b>0.8147</b>	<b>0.7318</b>	<b>1.5465</b>	<b>0.4232</b>	<b>0.6978</b>	<b>1.1209</b>		<b>1,179.3075</b>	<b>1,179.3075</b>	<b>0.2319</b>		<b>1,185.1047</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Winter

**3.4 Grading - 2017**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.7918	24.1598	5.2058	0.0552	1.1976	0.1278	1.3253	0.3283	0.1222	0.4505		5,949.4548	5,949.4548	0.4394		5,960.4385
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0692	0.0531	0.5699	1.2200e-003	0.1118	1.0400e-003	0.1128	0.0296	9.6000e-004	0.0306		121.3913	121.3913	5.0700e-003		121.5181
<b>Total</b>	<b>0.8610</b>	<b>24.2129</b>	<b>5.7757</b>	<b>0.0564</b>	<b>1.3093</b>	<b>0.1288</b>	<b>1.4381</b>	<b>0.3579</b>	<b>0.1232</b>	<b>0.4811</b>		<b>6,070.8461</b>	<b>6,070.8461</b>	<b>0.4444</b>		<b>6,081.9566</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	lb/day										lb/day					
Fugitive Dust					0.8147	0.0000	0.8147	0.4232	0.0000	0.4232			0.0000			0.0000
Off-Road	1.2100	10.4978	7.9182	0.0120		0.7318	0.7318		0.6978	0.6978	0.0000	1,179.3075	1,179.3075	0.2319		1,185.1047
<b>Total</b>	<b>1.2100</b>	<b>10.4978</b>	<b>7.9182</b>	<b>0.0120</b>	<b>0.8147</b>	<b>0.7318</b>	<b>1.5465</b>	<b>0.4232</b>	<b>0.6978</b>	<b>1.1209</b>	<b>0.0000</b>	<b>1,179.3075</b>	<b>1,179.3075</b>	<b>0.2319</b>		<b>1,185.1047</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Winter

### 3.4 Grading - 2017

#### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.7918	24.1598	5.2058	0.0552	1.1976	0.1278	1.3253	0.3283	0.1222	0.4505		5,949.4548	5,949.4548	0.4394		5,960.4385
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0692	0.0531	0.5699	1.2200e-003	0.1118	1.0400e-003	0.1128	0.0296	9.6000e-004	0.0306		121.3913	121.3913	5.0700e-003		121.5181
<b>Total</b>	<b>0.8610</b>	<b>24.2129</b>	<b>5.7757</b>	<b>0.0564</b>	<b>1.3093</b>	<b>0.1288</b>	<b>1.4381</b>	<b>0.3579</b>	<b>0.1232</b>	<b>0.4811</b>		<b>6,070.8461</b>	<b>6,070.8461</b>	<b>0.4444</b>		<b>6,081.9566</b>

### 3.5 Building Construction - 2017

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2812	12.7589	8.0700	0.0114		0.8591	0.8591		0.7904	0.7904		1,165.9164	1,165.9164	0.3572		1,174.8473
<b>Total</b>	<b>1.2812</b>	<b>12.7589</b>	<b>8.0700</b>	<b>0.0114</b>		<b>0.8591</b>	<b>0.8591</b>		<b>0.7904</b>	<b>0.7904</b>		<b>1,165.9164</b>	<b>1,165.9164</b>	<b>0.3572</b>		<b>1,174.8473</b>



1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Winter

**3.5 Building Construction - 2017**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</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	lb/day										lb/day					
Off-Road	1.2812	12.7589	8.0700	0.0114		0.8591	0.8591		0.7904	0.7904	0.0000	1,165.9164	1,165.9164	0.3572		1,174.8473
<b>Total</b>	<b>1.2812</b>	<b>12.7589</b>	<b>8.0700</b>	<b>0.0114</b>		<b>0.8591</b>	<b>0.8591</b>		<b>0.7904</b>	<b>0.7904</b>	<b>0.0000</b>	<b>1,165.9164</b>	<b>1,165.9164</b>	<b>0.3572</b>		<b>1,174.8473</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Winter

**3.5 Building Construction - 2017**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>

**3.5 Building Construction - 2018**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0848	11.0316	7.7512	0.0114		0.7087	0.7087		0.6520	0.6520		1,146.5323	1,146.5323	0.3569		1,155.4555
<b>Total</b>	<b>1.0848</b>	<b>11.0316</b>	<b>7.7512</b>	<b>0.0114</b>		<b>0.7087</b>	<b>0.7087</b>		<b>0.6520</b>	<b>0.6520</b>		<b>1,146.5323</b>	<b>1,146.5323</b>	<b>0.3569</b>		<b>1,155.4555</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Winter

**3.5 Building Construction - 2018**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</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	lb/day										lb/day					
Off-Road	1.0848	11.0316	7.7512	0.0114		0.7087	0.7087		0.6520	0.6520	0.0000	1,146.5323	1,146.5323	0.3569		1,155.4555
<b>Total</b>	<b>1.0848</b>	<b>11.0316</b>	<b>7.7512</b>	<b>0.0114</b>		<b>0.7087</b>	<b>0.7087</b>		<b>0.6520</b>	<b>0.6520</b>	<b>0.0000</b>	<b>1,146.5323</b>	<b>1,146.5323</b>	<b>0.3569</b>		<b>1,155.4555</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Winter

### 3.5 Building Construction - 2018

#### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>

### 3.6 Paving - 2018

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9202	8.7447	7.2240	0.0113		0.5109	0.5109		0.4735	0.4735		1,070.137 2	1,070.137 2	0.3017		1,077.679 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.9202</b>	<b>8.7447</b>	<b>7.2240</b>	<b>0.0113</b>		<b>0.5109</b>	<b>0.5109</b>		<b>0.4735</b>	<b>0.4735</b>		<b>1,070.137 2</b>	<b>1,070.137 2</b>	<b>0.3017</b>		<b>1,077.679 8</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Winter

**3.6 Paving - 2018**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1101	0.0831	0.8951	2.1400e-003	0.2012	1.7900e-003	0.2030	0.0534	1.6500e-003	0.0550		212.5037	212.5037	8.0000e-003		212.7036
<b>Total</b>	<b>0.1101</b>	<b>0.0831</b>	<b>0.8951</b>	<b>2.1400e-003</b>	<b>0.2012</b>	<b>1.7900e-003</b>	<b>0.2030</b>	<b>0.0534</b>	<b>1.6500e-003</b>	<b>0.0550</b>		<b>212.5037</b>	<b>212.5037</b>	<b>8.0000e-003</b>		<b>212.7036</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	lb/day										lb/day					
Off-Road	0.9202	8.7447	7.2240	0.0113		0.5109	0.5109		0.4735	0.4735	0.0000	1,070.1372	1,070.1372	0.3017		1,077.6798
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.9202</b>	<b>8.7447</b>	<b>7.2240</b>	<b>0.0113</b>		<b>0.5109</b>	<b>0.5109</b>		<b>0.4735</b>	<b>0.4735</b>	<b>0.0000</b>	<b>1,070.1372</b>	<b>1,070.1372</b>	<b>0.3017</b>		<b>1,077.6798</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Winter

### 3.6 Paving - 2018

#### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1101	0.0831	0.8951	2.1400e-003	0.2012	1.7900e-003	0.2030	0.0534	1.6500e-003	0.0550		212.5037	212.5037	8.0000e-003		212.7036
<b>Total</b>	<b>0.1101</b>	<b>0.0831</b>	<b>0.8951</b>	<b>2.1400e-003</b>	<b>0.2012</b>	<b>1.7900e-003</b>	<b>0.2030</b>	<b>0.0534</b>	<b>1.6500e-003</b>	<b>0.0550</b>		<b>212.5037</b>	<b>212.5037</b>	<b>8.0000e-003</b>		<b>212.7036</b>

### 3.7 Architectural Coating - 2018

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.8308					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.1171
<b>Total</b>	<b>4.1295</b>	<b>2.0058</b>	<b>1.8542</b>	<b>2.9700e-003</b>		<b>0.1506</b>	<b>0.1506</b>		<b>0.1506</b>	<b>0.1506</b>		<b>281.4485</b>	<b>281.4485</b>	<b>0.0267</b>		<b>282.1171</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Winter

**3.7 Architectural Coating - 2018**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</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	lb/day										lb/day					
Archit. Coating	3.8308					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.1171
<b>Total</b>	<b>4.1295</b>	<b>2.0058</b>	<b>1.8542</b>	<b>2.9700e-003</b>		<b>0.1506</b>	<b>0.1506</b>		<b>0.1506</b>	<b>0.1506</b>	<b>0.0000</b>	<b>281.4485</b>	<b>281.4485</b>	<b>0.0267</b>		<b>282.1171</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Winter

### 3.7 Architectural Coating - 2018

#### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>

### 4.0 Operational Detail - Mobile

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#### 4.1 Mitigation Measures Mobile



1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0222	0.1089	0.2980	9.1000e-004	0.0720	1.0800e-003	0.0731	0.0193	1.0200e-003	0.0203		92.3018	92.3018	5.5100e-003		92.4395
Unmitigated	0.0222	0.1089	0.2980	9.1000e-004	0.0720	1.0800e-003	0.0731	0.0193	1.0200e-003	0.0203		92.3018	92.3018	5.5100e-003		92.4395

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Single Family Housing	9.52	9.91	8.62	32,282	32,282
Total	9.52	9.91	8.62	32,282	32,282

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
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Single Family Housing	0.548007	0.045751	0.200309	0.124119	0.017133	0.006025	0.018861	0.028423	0.002391	0.002469	0.004915	0.000672	0.000925

5.0 Energy Detail

Historical Energy Use: N

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Winter

### 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	lb/day										lb/day					
NaturalGas Mitigated	8.1000e-004	6.9400e-003	2.9500e-003	4.0000e-005		5.6000e-004	5.6000e-004		5.6000e-004	5.6000e-004		8.8556	8.8556	1.7000e-004	1.6000e-004	8.9083
NaturalGas Unmitigated	8.1000e-004	6.9400e-003	2.9500e-003	4.0000e-005		5.6000e-004	5.6000e-004		5.6000e-004	5.6000e-004		8.8556	8.8556	1.7000e-004	1.6000e-004	8.9083

### 5.2 Energy by Land Use - NaturalGas

#### Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Single Family Housing	75.2728	8.1000e-004	6.9400e-003	2.9500e-003	4.0000e-005		5.6000e-004	5.6000e-004		5.6000e-004	5.6000e-004		8.8556	8.8556	1.7000e-004	1.6000e-004	8.9083
<b>Total</b>		<b>8.1000e-004</b>	<b>6.9400e-003</b>	<b>2.9500e-003</b>	<b>4.0000e-005</b>		<b>5.6000e-004</b>	<b>5.6000e-004</b>		<b>5.6000e-004</b>	<b>5.6000e-004</b>		<b>8.8556</b>	<b>8.8556</b>	<b>1.7000e-004</b>	<b>1.6000e-004</b>	<b>8.9083</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Winter

### 5.2 Energy by Land Use - NaturalGas

#### Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Single Family Housing	0.0752728	8.1000e-004	6.9400e-003	2.9500e-003	4.0000e-005		5.6000e-004	5.6000e-004		5.6000e-004	5.6000e-004		8.8556	8.8556	1.7000e-004	1.6000e-004	8.9083
<b>Total</b>		<b>8.1000e-004</b>	<b>6.9400e-003</b>	<b>2.9500e-003</b>	<b>4.0000e-005</b>		<b>5.6000e-004</b>	<b>5.6000e-004</b>		<b>5.6000e-004</b>	<b>5.6000e-004</b>		<b>8.8556</b>	<b>8.8556</b>	<b>1.7000e-004</b>	<b>1.6000e-004</b>	<b>8.9083</b>

### 6.0 Area Detail

#### 6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.3304	0.0217	0.5915	1.3000e-003		0.0768	0.0768		0.0768	0.0768	9.3669	18.1486	27.5155	0.0281	6.4000e-004	28.4069
Unmitigated	0.3304	0.0217	0.5915	1.3000e-003		0.0768	0.0768		0.0768	0.0768	9.3669	18.1486	27.5155	0.0281	6.4000e-004	28.4069

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Winter

**6.2 Area by SubCategory****Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	5.2500e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0606					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.2620	0.0208	0.5086	1.3000e-003		0.0764	0.0764		0.0764	0.0764	9.3669	18.0000	27.3669	0.0279	6.4000e-004	28.2547
Landscaping	2.5400e-003	9.6000e-004	0.0829	0.0000		4.5000e-004	4.5000e-004		4.5000e-004	4.5000e-004		0.1486	0.1486	1.5000e-004		0.1522
<b>Total</b>	<b>0.3304</b>	<b>0.0217</b>	<b>0.5915</b>	<b>1.3000e-003</b>		<b>0.0768</b>	<b>0.0768</b>		<b>0.0768</b>	<b>0.0768</b>	<b>9.3669</b>	<b>18.1486</b>	<b>27.5155</b>	<b>0.0281</b>	<b>6.4000e-004</b>	<b>28.4069</b>

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Winter

### 6.2 Area by SubCategory

#### Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	5.2500e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0606					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.2620	0.0208	0.5086	1.3000e-003		0.0764	0.0764		0.0764	0.0764	9.3669	18.0000	27.3669	0.0279	6.4000e-004	28.2547
Landscaping	2.5400e-003	9.6000e-004	0.0829	0.0000		4.5000e-004	4.5000e-004		4.5000e-004	4.5000e-004		0.1486	0.1486	1.5000e-004		0.1522
<b>Total</b>	<b>0.3304</b>	<b>0.0217</b>	<b>0.5915</b>	<b>1.3000e-003</b>		<b>0.0768</b>	<b>0.0768</b>		<b>0.0768</b>	<b>0.0768</b>	<b>9.3669</b>	<b>18.1486</b>	<b>27.5155</b>	<b>0.0281</b>	<b>6.4000e-004</b>	<b>28.4069</b>

### 7.0 Water Detail

#### 7.1 Mitigation Measures Water

### 8.0 Waste Detail

#### 8.1 Mitigation Measures Waste

### 9.0 Operational Offroad

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

1248 Corona Drive (Single-family Residence) - Los Angeles-South Coast County, Winter

**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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