

Mission Boulevard Condos - San Bernardino-South Coast County, Summer

**Mission Boulevard Condos**  
**San Bernardino-South Coast County, Summer**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Condo/Townhouse	40.00	Dwelling Unit	1.23	53,880.00	114
Single Family Housing	2.00	Dwelling Unit	0.13	5,434.00	6
Parking Lot	65.31	1000sqft	1.50	65,305.00	0
Other Non-Asphalt Surfaces	78.38	1000sqft	1.80	78,376.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	32
<b>Climate Zone</b>	10			<b>Operational Year</b>	2021
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MW hr)</b>	702.44	<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 - In accordance with site plan.

Demolition - Approximately 1,844 tons of debris on-site comprised of existing concrete foundation and three billboard structures.

Construction Off-road Equipment Mitigation -

## Mission Boulevard Condos - San Bernardino-South Coast County, Summer

Table Name	Column Name	Default Value	New Value
tblLandUse	LandUseSquareFeet	40,000.00	53,880.00
tblLandUse	LandUseSquareFeet	3,600.00	5,434.00
tblLandUse	LandUseSquareFeet	65,310.00	65,305.00
tblLandUse	LandUseSquareFeet	78,380.00	78,376.00
tblLandUse	LotAcreage	2.50	1.23
tblLandUse	LotAcreage	0.65	0.13

**2.0 Emissions Summary**

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**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	12.4500	0.9117	24.8465	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2706	1,155.6812	1.1794	0.0267	1,193.1223
Energy	0.0286	0.2443	0.1040	1.5600e-003		0.0198	0.0198		0.0198	0.0198		311.9206	311.9206	5.9800e-003	5.7200e-003	313.7741
Mobile	0.5729	3.6385	6.8698	0.0255	1.8376	0.0178	1.8554	0.4918	0.0167	0.5084		2,601.8913	2,601.8913	0.1296		2,605.1320
<b>Total</b>	<b>13.0515</b>	<b>4.7945</b>	<b>31.8203</b>	<b>0.0818</b>	<b>1.8376</b>	<b>3.2651</b>	<b>5.1027</b>	<b>0.4918</b>	<b>3.2639</b>	<b>3.7557</b>	<b>393.4106</b>	<b>3,676.0825</b>	<b>4,069.4931</b>	<b>1.3150</b>	<b>0.0324</b>	<b>4,112.0284</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	12.4500	0.9117	24.8465	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2706	1,155.6812	1.1794	0.0267	1,193.1223
Energy	0.0286	0.2443	0.1040	1.5600e-003		0.0198	0.0198		0.0198	0.0198		311.9206	311.9206	5.9800e-003	5.7200e-003	313.7741
Mobile	0.5729	3.6385	6.8698	0.0255	1.8376	0.0178	1.8554	0.4918	0.0167	0.5084		2,601.8913	2,601.8913	0.1296		2,605.1320
<b>Total</b>	<b>13.0515</b>	<b>4.7945</b>	<b>31.8203</b>	<b>0.0818</b>	<b>1.8376</b>	<b>3.2651</b>	<b>5.1027</b>	<b>0.4918</b>	<b>3.2639</b>	<b>3.7557</b>	<b>393.4106</b>	<b>3,676.0825</b>	<b>4,069.4931</b>	<b>1.3150</b>	<b>0.0324</b>	<b>4,112.0284</b>

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	6/27/2019	7/24/2019	5	20	
2	Site Preparation	Site Preparation	7/25/2019	7/31/2019	5	5	
3	Grading	Grading	8/1/2019	8/12/2019	5	8	
4	Building Construction	Building Construction	8/13/2019	6/29/2020	5	230	
5	Paving	Paving	6/30/2020	7/23/2020	5	18	
6	Architectural Coating	Architectural Coating	7/24/2020	8/18/2020	5	18	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 4

Acres of Paving: 3.3

Residential Indoor: 120,111; Residential Outdoor: 40,037; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 8,621 (Architectural Coating – sqft)

#### OffRoad Equipment

## Mission Boulevard Condos - San Bernardino-South Coast County, Summer

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

**Trips and VMT**

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Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	182.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	90.00	28.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Water Exposed Area

**3.2 Demolition - 2019**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.9730	0.0000	1.9730	0.2987	0.0000	0.2987			0.0000			0.0000
Off-Road	3.5134	35.7830	22.0600	0.0388		1.7949	1.7949		1.6697	1.6697		3,816.899 4	3,816.899 4	1.0618		3,843.445 1
<b>Total</b>	<b>3.5134</b>	<b>35.7830</b>	<b>22.0600</b>	<b>0.0388</b>	<b>1.9730</b>	<b>1.7949</b>	<b>3.7679</b>	<b>0.2987</b>	<b>1.6697</b>	<b>1.9684</b>		<b>3,816.899 4</b>	<b>3,816.899 4</b>	<b>1.0618</b>		<b>3,843.445 1</b>

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**3.2 Demolition - 2019**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0609	2.4031	0.3479	7.2200e-003	0.1593	8.0600e-003	0.1673	0.0437	7.7100e-003	0.0514		765.5402	765.5402	0.0421		766.5915
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0889	0.0592	0.7477	1.7600e-003	0.1677	1.1300e-003	0.1688	0.0445	1.0400e-003	0.0455		174.9624	174.9624	5.8700e-003		175.1091
<b>Total</b>	<b>0.1499</b>	<b>2.4623</b>	<b>1.0956</b>	<b>8.9800e-003</b>	<b>0.3269</b>	<b>9.1900e-003</b>	<b>0.3361</b>	<b>0.0881</b>	<b>8.7500e-003</b>	<b>0.0969</b>		<b>940.5026</b>	<b>940.5026</b>	<b>0.0479</b>		<b>941.7006</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					1.9730	0.0000	1.9730	0.2987	0.0000	0.2987			0.0000			0.0000
Off-Road	3.5134	35.7830	22.0600	0.0388		1.7949	1.7949		1.6697	1.6697	0.0000	3,816.8994	3,816.8994	1.0618		3,843.4451
<b>Total</b>	<b>3.5134</b>	<b>35.7830</b>	<b>22.0600</b>	<b>0.0388</b>	<b>1.9730</b>	<b>1.7949</b>	<b>3.7679</b>	<b>0.2987</b>	<b>1.6697</b>	<b>1.9684</b>	<b>0.0000</b>	<b>3,816.8994</b>	<b>3,816.8994</b>	<b>1.0618</b>		<b>3,843.4451</b>



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**3.2 Demolition - 2019**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0609	2.4031	0.3479	7.2200e-003	0.1593	8.0600e-003	0.1673	0.0437	7.7100e-003	0.0514		765.5402	765.5402	0.0421		766.5915
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0889	0.0592	0.7477	1.7600e-003	0.1677	1.1300e-003	0.1688	0.0445	1.0400e-003	0.0455		174.9624	174.9624	5.8700e-003		175.1091
<b>Total</b>	<b>0.1499</b>	<b>2.4623</b>	<b>1.0956</b>	<b>8.9800e-003</b>	<b>0.3269</b>	<b>9.1900e-003</b>	<b>0.3361</b>	<b>0.0881</b>	<b>8.7500e-003</b>	<b>0.0969</b>		<b>940.5026</b>	<b>940.5026</b>	<b>0.0479</b>		<b>941.7006</b>

**3.3 Site Preparation - 2019**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991		3,766.4529	3,766.4529	1.1917		3,796.2445
<b>Total</b>	<b>4.3350</b>	<b>45.5727</b>	<b>22.0630</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.3904</b>	<b>20.4566</b>	<b>9.9307</b>	<b>2.1991</b>	<b>12.1298</b>		<b>3,766.4529</b>	<b>3,766.4529</b>	<b>1.1917</b>		<b>3,796.2445</b>

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**3.3 Site Preparation - 2019**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.1067	0.0710	0.8973	2.1100e-003	0.2012	1.3500e-003	0.2026	0.0534	1.2500e-003	0.0546		209.9549	209.9549	7.0400e-003		210.1309
<b>Total</b>	<b>0.1067</b>	<b>0.0710</b>	<b>0.8973</b>	<b>2.1100e-003</b>	<b>0.2012</b>	<b>1.3500e-003</b>	<b>0.2026</b>	<b>0.0534</b>	<b>1.2500e-003</b>	<b>0.0546</b>		<b>209.9549</b>	<b>209.9549</b>	<b>7.0400e-003</b>		<b>210.1309</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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991	0.0000	3,766.4529	3,766.4529	1.1917		3,796.2445
<b>Total</b>	<b>4.3350</b>	<b>45.5727</b>	<b>22.0630</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.3904</b>	<b>20.4566</b>	<b>9.9307</b>	<b>2.1991</b>	<b>12.1298</b>	<b>0.0000</b>	<b>3,766.4529</b>	<b>3,766.4529</b>	<b>1.1917</b>		<b>3,796.2445</b>

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**3.3 Site Preparation - 2019**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.1067	0.0710	0.8973	2.1100e-003	0.2012	1.3500e-003	0.2026	0.0534	1.2500e-003	0.0546		209.9549	209.9549	7.0400e-003		210.1309
<b>Total</b>	<b>0.1067</b>	<b>0.0710</b>	<b>0.8973</b>	<b>2.1100e-003</b>	<b>0.2012</b>	<b>1.3500e-003</b>	<b>0.2026</b>	<b>0.0534</b>	<b>1.2500e-003</b>	<b>0.0546</b>		<b>209.9549</b>	<b>209.9549</b>	<b>7.0400e-003</b>		<b>210.1309</b>

**3.4 Grading - 2019**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.5805	28.3480	16.2934	0.0297		1.3974	1.3974		1.2856	1.2856		2,936.8068	2,936.8068	0.9292		2,960.0361
<b>Total</b>	<b>2.5805</b>	<b>28.3480</b>	<b>16.2934</b>	<b>0.0297</b>	<b>6.5523</b>	<b>1.3974</b>	<b>7.9497</b>	<b>3.3675</b>	<b>1.2856</b>	<b>4.6531</b>		<b>2,936.8068</b>	<b>2,936.8068</b>	<b>0.9292</b>		<b>2,960.0361</b>

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**3.4 Grading - 2019**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0889	0.0592	0.7477	1.7600e-003	0.1677	1.1300e-003	0.1688	0.0445	1.0400e-003	0.0455		174.9624	174.9624	5.8700e-003		175.1091
<b>Total</b>	<b>0.0889</b>	<b>0.0592</b>	<b>0.7477</b>	<b>1.7600e-003</b>	<b>0.1677</b>	<b>1.1300e-003</b>	<b>0.1688</b>	<b>0.0445</b>	<b>1.0400e-003</b>	<b>0.0455</b>		<b>174.9624</b>	<b>174.9624</b>	<b>5.8700e-003</b>		<b>175.1091</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					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.5805	28.3480	16.2934	0.0297		1.3974	1.3974		1.2856	1.2856	0.0000	2,936.8068	2,936.8068	0.9292		2,960.0361
<b>Total</b>	<b>2.5805</b>	<b>28.3480</b>	<b>16.2934</b>	<b>0.0297</b>	<b>6.5523</b>	<b>1.3974</b>	<b>7.9497</b>	<b>3.3675</b>	<b>1.2856</b>	<b>4.6531</b>	<b>0.0000</b>	<b>2,936.8068</b>	<b>2,936.8068</b>	<b>0.9292</b>		<b>2,960.0361</b>

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**3.4 Grading - 2019**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0889	0.0592	0.7477	1.7600e-003	0.1677	1.1300e-003	0.1688	0.0445	1.0400e-003	0.0455		174.9624	174.9624	5.8700e-003		175.1091
<b>Total</b>	<b>0.0889</b>	<b>0.0592</b>	<b>0.7477</b>	<b>1.7600e-003</b>	<b>0.1677</b>	<b>1.1300e-003</b>	<b>0.1688</b>	<b>0.0445</b>	<b>1.0400e-003</b>	<b>0.0455</b>		<b>174.9624</b>	<b>174.9624</b>	<b>5.8700e-003</b>		<b>175.1091</b>

**3.5 Building Construction - 2019**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127		2,591.5802	2,591.5802	0.6313		2,607.3635
<b>Total</b>	<b>2.3612</b>	<b>21.0788</b>	<b>17.1638</b>	<b>0.0269</b>		<b>1.2899</b>	<b>1.2899</b>		<b>1.2127</b>	<b>1.2127</b>		<b>2,591.5802</b>	<b>2,591.5802</b>	<b>0.6313</b>		<b>2,607.3635</b>

Mission Boulevard Condos - San Bernardino-South Coast County, Summer

**3.5 Building Construction - 2019**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.1004	3.2241	0.6556	7.6500e-003	0.1793	0.0202	0.1995	0.0516	0.0193	0.0709		806.5336	806.5336	0.0545		807.8970
Worker	0.5336	0.3549	4.4863	0.0106	1.0060	6.7600e-003	1.0128	0.2668	6.2300e-003	0.2730		1,049.7743	1,049.7743	0.0352		1,050.6543
<b>Total</b>	<b>0.6340</b>	<b>3.5790</b>	<b>5.1419</b>	<b>0.0182</b>	<b>1.1853</b>	<b>0.0269</b>	<b>1.2123</b>	<b>0.3184</b>	<b>0.0255</b>	<b>0.3440</b>		<b>1,856.3079</b>	<b>1,856.3079</b>	<b>0.0897</b>		<b>1,858.5513</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	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127	0.0000	2,591.5802	2,591.5802	0.6313		2,607.3635
<b>Total</b>	<b>2.3612</b>	<b>21.0788</b>	<b>17.1638</b>	<b>0.0269</b>		<b>1.2899</b>	<b>1.2899</b>		<b>1.2127</b>	<b>1.2127</b>	<b>0.0000</b>	<b>2,591.5802</b>	<b>2,591.5802</b>	<b>0.6313</b>		<b>2,607.3635</b>

Mission Boulevard Condos - San Bernardino-South Coast County, Summer

**3.5 Building Construction - 2019**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.1004	3.2241	0.6556	7.6500e-003	0.1793	0.0202	0.1995	0.0516	0.0193	0.0709		806.5336	806.5336	0.0545		807.8970
Worker	0.5336	0.3549	4.4863	0.0106	1.0060	6.7600e-003	1.0128	0.2668	6.2300e-003	0.2730		1,049.7743	1,049.7743	0.0352		1,050.6543
<b>Total</b>	<b>0.6340</b>	<b>3.5790</b>	<b>5.1419</b>	<b>0.0182</b>	<b>1.1853</b>	<b>0.0269</b>	<b>1.2123</b>	<b>0.3184</b>	<b>0.0255</b>	<b>0.3440</b>		<b>1,856.3079</b>	<b>1,856.3079</b>	<b>0.0897</b>		<b>1,858.5513</b>

**3.5 Building Construction - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503		2,553.0631	2,553.0631	0.6229		2,568.6345
<b>Total</b>	<b>2.1198</b>	<b>19.1860</b>	<b>16.8485</b>	<b>0.0269</b>		<b>1.1171</b>	<b>1.1171</b>		<b>1.0503</b>	<b>1.0503</b>		<b>2,553.0631</b>	<b>2,553.0631</b>	<b>0.6229</b>		<b>2,568.6345</b>

Mission Boulevard Condos - San Bernardino-South Coast County, Summer

**3.5 Building Construction - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0850	2.9548	0.5759	7.6000e-003	0.1793	0.0136	0.1929	0.0516	0.0130	0.0646		801.0839	801.0839	0.0520		802.3847
Worker	0.4912	0.3153	4.0475	0.0102	1.0060	6.5900e-003	1.0126	0.2668	6.0700e-003	0.2729		1,017.0757	1,017.0757	0.0311		1,017.8519
<b>Total</b>	<b>0.5762</b>	<b>3.2701</b>	<b>4.6234</b>	<b>0.0178</b>	<b>1.1853</b>	<b>0.0202</b>	<b>1.2055</b>	<b>0.3184</b>	<b>0.0191</b>	<b>0.3375</b>		<b>1,818.1596</b>	<b>1,818.1596</b>	<b>0.0831</b>		<b>1,820.2366</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	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503	0.0000	2,553.0631	2,553.0631	0.6229		2,568.6345
<b>Total</b>	<b>2.1198</b>	<b>19.1860</b>	<b>16.8485</b>	<b>0.0269</b>		<b>1.1171</b>	<b>1.1171</b>		<b>1.0503</b>	<b>1.0503</b>	<b>0.0000</b>	<b>2,553.0631</b>	<b>2,553.0631</b>	<b>0.6229</b>		<b>2,568.6345</b>



Mission Boulevard Condos - San Bernardino-South Coast County, Summer

**3.5 Building Construction - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0850	2.9548	0.5759	7.6000e-003	0.1793	0.0136	0.1929	0.0516	0.0130	0.0646		801.0839	801.0839	0.0520		802.3847
Worker	0.4912	0.3153	4.0475	0.0102	1.0060	6.5900e-003	1.0126	0.2668	6.0700e-003	0.2729		1,017.0757	1,017.0757	0.0311		1,017.8519
<b>Total</b>	<b>0.5762</b>	<b>3.2701</b>	<b>4.6234</b>	<b>0.0178</b>	<b>1.1853</b>	<b>0.0202</b>	<b>1.2055</b>	<b>0.3184</b>	<b>0.0191</b>	<b>0.3375</b>		<b>1,818.1596</b>	<b>1,818.1596</b>	<b>0.0831</b>		<b>1,820.2366</b>

**3.6 Paving - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1837	11.8015	12.2823	0.0189		0.6509	0.6509		0.6005	0.6005		1,804.7070	1,804.7070	0.5670		1,818.8830
Paving	0.2183					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.4020</b>	<b>11.8015</b>	<b>12.2823</b>	<b>0.0189</b>		<b>0.6509</b>	<b>0.6509</b>		<b>0.6005</b>	<b>0.6005</b>		<b>1,804.7070</b>	<b>1,804.7070</b>	<b>0.5670</b>		<b>1,818.8830</b>

Mission Boulevard Condos - San Bernardino-South Coast County, Summer

**3.6 Paving - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.1092	0.0701	0.8995	2.2700e-003	0.2236	1.4600e-003	0.2250	0.0593	1.3500e-003	0.0606		226.0168	226.0168	6.9000e-003		226.1893
<b>Total</b>	<b>0.1092</b>	<b>0.0701</b>	<b>0.8995</b>	<b>2.2700e-003</b>	<b>0.2236</b>	<b>1.4600e-003</b>	<b>0.2250</b>	<b>0.0593</b>	<b>1.3500e-003</b>	<b>0.0606</b>		<b>226.0168</b>	<b>226.0168</b>	<b>6.9000e-003</b>		<b>226.1893</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	1.1837	11.8015	12.2823	0.0189		0.6509	0.6509		0.6005	0.6005	0.0000	1,804.7070	1,804.7070	0.5670		1,818.8830
Paving	0.2183					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.4020</b>	<b>11.8015</b>	<b>12.2823</b>	<b>0.0189</b>		<b>0.6509</b>	<b>0.6509</b>		<b>0.6005</b>	<b>0.6005</b>	<b>0.0000</b>	<b>1,804.7070</b>	<b>1,804.7070</b>	<b>0.5670</b>		<b>1,818.8830</b>

Mission Boulevard Condos - San Bernardino-South Coast County, Summer

**3.6 Paving - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.1092	0.0701	0.8995	2.2700e-003	0.2236	1.4600e-003	0.2250	0.0593	1.3500e-003	0.0606		226.0168	226.0168	6.9000e-003		226.1893
<b>Total</b>	<b>0.1092</b>	<b>0.0701</b>	<b>0.8995</b>	<b>2.2700e-003</b>	<b>0.2236</b>	<b>1.4600e-003</b>	<b>0.2250</b>	<b>0.0593</b>	<b>1.3500e-003</b>	<b>0.0606</b>		<b>226.0168</b>	<b>226.0168</b>	<b>6.9000e-003</b>		<b>226.1893</b>

**3.7 Architectural Coating - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	22.8390					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928
<b>Total</b>	<b>23.0811</b>	<b>1.6838</b>	<b>1.8314</b>	<b>2.9700e-003</b>		<b>0.1109</b>	<b>0.1109</b>		<b>0.1109</b>	<b>0.1109</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0218</b>		<b>281.9928</b>

Mission Boulevard Condos - San Bernardino-South Coast County, Summer

**3.7 Architectural Coating - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0982	0.0631	0.8095	2.0400e-003	0.2012	1.3200e-003	0.2025	0.0534	1.2100e-003	0.0546		203.4151	203.4151	6.2100e-003		203.5704
<b>Total</b>	<b>0.0982</b>	<b>0.0631</b>	<b>0.8095</b>	<b>2.0400e-003</b>	<b>0.2012</b>	<b>1.3200e-003</b>	<b>0.2025</b>	<b>0.0534</b>	<b>1.2100e-003</b>	<b>0.0546</b>		<b>203.4151</b>	<b>203.4151</b>	<b>6.2100e-003</b>		<b>203.5704</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	22.8390					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218		281.9928
<b>Total</b>	<b>23.0811</b>	<b>1.6838</b>	<b>1.8314</b>	<b>2.9700e-003</b>		<b>0.1109</b>	<b>0.1109</b>		<b>0.1109</b>	<b>0.1109</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0218</b>		<b>281.9928</b>

Mission Boulevard Condos - San Bernardino-South Coast County, Summer

**3.7 Architectural Coating - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0982	0.0631	0.8095	2.0400e-003	0.2012	1.3200e-003	0.2025	0.0534	1.2100e-003	0.0546		203.4151	203.4151	6.2100e-003		203.5704
<b>Total</b>	<b>0.0982</b>	<b>0.0631</b>	<b>0.8095</b>	<b>2.0400e-003</b>	<b>0.2012</b>	<b>1.3200e-003</b>	<b>0.2025</b>	<b>0.0534</b>	<b>1.2100e-003</b>	<b>0.0546</b>		<b>203.4151</b>	<b>203.4151</b>	<b>6.2100e-003</b>		<b>203.5704</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Mission Boulevard Condos - San Bernardino-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	0.5729	3.6385	6.8698	0.0255	1.8376	0.0178	1.8554	0.4918	0.0167	0.5084		2,601.891 3	2,601.891 3	0.1296		2,605.132 0
Unmitigated	0.5729	3.6385	6.8698	0.0255	1.8376	0.0178	1.8554	0.4918	0.0167	0.5084		2,601.891 3	2,601.891 3	0.1296		2,605.132 0

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse	232.40	226.80	193.60	772,472	772,472
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Single Family Housing	19.04	19.82	17.24	64,565	64,565
Total	251.44	246.62	210.84	837,036	837,036

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
Condo/Townhouse	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Mission Boulevard Condos - San Bernardino-South Coast County, Summer

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Condo/Townhouse	0.549952	0.037123	0.179649	0.119457	0.017229	0.005267	0.017877	0.062669	0.001348	0.001607	0.006000	0.000812	0.001010
Other Non-Asphalt Surfaces	0.549952	0.037123	0.179649	0.119457	0.017229	0.005267	0.017877	0.062669	0.001348	0.001607	0.006000	0.000812	0.001010
Parking Lot	0.549952	0.037123	0.179649	0.119457	0.017229	0.005267	0.017877	0.062669	0.001348	0.001607	0.006000	0.000812	0.001010
Single Family Housing	0.549952	0.037123	0.179649	0.119457	0.017229	0.005267	0.017877	0.062669	0.001348	0.001607	0.006000	0.000812	0.001010

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0286	0.2443	0.1040	1.5600e-003		0.0198	0.0198		0.0198	0.0198		311.9206	311.9206	5.9800e-003	5.7200e-003	313.7741
NaturalGas Unmitigated	0.0286	0.2443	0.1040	1.5600e-003		0.0198	0.0198		0.0198	0.0198		311.9206	311.9206	5.9800e-003	5.7200e-003	313.7741

Mission Boulevard Condos - San Bernardino-South Coast County, Summer

**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					
Condo/Townhouse	2483.67	0.0268	0.2289	0.0974	1.4600e-003		0.0185	0.0185		0.0185	0.0185		292.1970	292.1970	5.6000e-003	5.3600e-003	293.9334
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	167.65	1.8100e-003	0.0155	6.5700e-003	1.0000e-004		1.2500e-003	1.2500e-003		1.2500e-003	1.2500e-003		19.7236	19.7236	3.8000e-004	3.6000e-004	19.8408
<b>Total</b>		<b>0.0286</b>	<b>0.2443</b>	<b>0.1040</b>	<b>1.5600e-003</b>		<b>0.0198</b>	<b>0.0198</b>		<b>0.0198</b>	<b>0.0198</b>		<b>311.9206</b>	<b>311.9206</b>	<b>5.9800e-003</b>	<b>5.7200e-003</b>	<b>313.7741</b>



Mission Boulevard Condos - San Bernardino-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					
Condo/Townhouse	2.48367	0.0268	0.2289	0.0974	1.4600e-003		0.0185	0.0185		0.0185	0.0185		292.1970	292.1970	5.6000e-003	5.3600e-003	293.9334
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	0.16765	1.8100e-003	0.0155	6.5700e-003	1.0000e-004		1.2500e-003	1.2500e-003		1.2500e-003	1.2500e-003		19.7236	19.7236	3.8000e-004	3.6000e-004	19.8408
<b>Total</b>		<b>0.0286</b>	<b>0.2443</b>	<b>0.1040</b>	<b>1.5600e-003</b>		<b>0.0198</b>	<b>0.0198</b>		<b>0.0198</b>	<b>0.0198</b>		<b>311.9206</b>	<b>311.9206</b>	<b>5.9800e-003</b>	<b>5.7200e-003</b>	<b>313.7741</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

Mission Boulevard Condos - San Bernardino-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	12.4500	0.9117	24.8465	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2706	1,155.6812	1.1794	0.0267	1,193.1223
Unmitigated	12.4500	0.9117	24.8465	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2706	1,155.6812	1.1794	0.0267	1,193.1223

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	0.1126					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.2253					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	11.0055	0.8714	21.3592	0.0545		3.2083	3.2083		3.2083	3.2083	393.4106	756.0000	1,149.4106	1.1732	0.0267	1,186.6984
Landscaping	0.1066	0.0402	3.4873	1.8000e-004		0.0192	0.0192		0.0192	0.0192		6.2706	6.2706	6.1300e-003		6.4239
<b>Total</b>	<b>12.4500</b>	<b>0.9117</b>	<b>24.8465</b>	<b>0.0547</b>		<b>3.2275</b>	<b>3.2275</b>		<b>3.2275</b>	<b>3.2275</b>	<b>393.4106</b>	<b>762.2706</b>	<b>1,155.6812</b>	<b>1.1794</b>	<b>0.0267</b>	<b>1,193.1223</b>

Mission Boulevard Condos - San Bernardino-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	0.1126					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.2253					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	11.0055	0.8714	21.3592	0.0545		3.2083	3.2083		3.2083	3.2083	393.4106	756.0000	1,149.4106	1.1732	0.0267	1,186.6984
Landscaping	0.1066	0.0402	3.4873	1.8000e-004		0.0192	0.0192		0.0192	0.0192		6.2706	6.2706	6.1300e-003		6.4239
<b>Total</b>	<b>12.4500</b>	<b>0.9117</b>	<b>24.8465</b>	<b>0.0547</b>		<b>3.2275</b>	<b>3.2275</b>		<b>3.2275</b>	<b>3.2275</b>	<b>393.4106</b>	<b>762.2706</b>	<b>1,155.6812</b>	<b>1.1794</b>	<b>0.0267</b>	<b>1,193.1223</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**

Mission Boulevard Condos - San Bernardino-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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