

Hemet Tentative Tract Map - Riverside-South Coast County, Summer

**Hemet Tentative Tract Map**  
**Riverside-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	51.00	Dwelling Unit	13.00	566,280.00	146

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.4	<b>Precipitation Freq (Days)</b>	28
<b>Climate Zone</b>	10			<b>Operational Year</b>	2021
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MWhr)</b>	702.44	<b>CH4 Intensity (lb/MWhr)</b>	0.029	<b>N2O Intensity (lb/MWhr)</b>	0.006

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

Project Characteristics -

Land Use - The Project site is 13 acres total in size.

Construction Phase - Building construction, paving, and painting would occur simultaneously.

Grading - The 13 acre Project area will be graded over many times.

Construction Off-road Equipment Mitigation - SCAQMD Rule 403, CEQA Handbook, Tables 11-4, Page 11-15, and A11-9-A, page A11-77.

## Hemet Tentative Tract Map - Riverside-South Coast County, Summer

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	40
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	300.00
tblConstructionPhase	NumDays	20.00	300.00
tblLandUse	LandUseSquareFeet	91,800.00	566,280.00
tblLandUse	LotAcreage	16.56	13.00

## 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	25.6747	1.1068	30.1529	0.0664		3.9191	3.9191		3.9191	3.9191	477.7128	925.5762	1,403.2890	1.4320	0.0324	1,448.7506
Energy	0.0461	0.3940	0.1677	2.5100e-003		0.0319	0.0319		0.0319	0.0319		502.9504	502.9504	9.6400e-003	9.2200e-003	505.9392
Mobile	1.0209	7.3258	12.2710	0.0507	3.6834	0.0350	3.7184	0.9856	0.0328	1.0184		5,173.3134	5,173.3134	0.2478		5,179.5075
<b>Total</b>	<b>26.7417</b>	<b>8.8267</b>	<b>42.5915</b>	<b>0.1196</b>	<b>3.6834</b>	<b>3.9859</b>	<b>7.6693</b>	<b>0.9856</b>	<b>3.9837</b>	<b>4.9693</b>	<b>477.7128</b>	<b>6,601.8400</b>	<b>7,079.5529</b>	<b>1.6894</b>	<b>0.0416</b>	<b>7,134.1974</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	25.6747	1.1068	30.1529	0.0664		3.9191	3.9191		3.9191	3.9191	477.7128	925.5762	1,403.2890	1.4320	0.0324	1,448.7506
Energy	0.0461	0.3940	0.1677	2.5100e-003		0.0319	0.0319		0.0319	0.0319		502.9504	502.9504	9.6400e-003	9.2200e-003	505.9392
Mobile	1.0209	7.3258	12.2710	0.0507	3.6834	0.0350	3.7184	0.9856	0.0328	1.0184		5,173.3134	5,173.3134	0.2478		5,179.5075
<b>Total</b>	<b>26.7417</b>	<b>8.8267</b>	<b>42.5915</b>	<b>0.1196</b>	<b>3.6834</b>	<b>3.9859</b>	<b>7.6693</b>	<b>0.9856</b>	<b>3.9837</b>	<b>4.9693</b>	<b>477.7128</b>	<b>6,601.8400</b>	<b>7,079.5529</b>	<b>1.6894</b>	<b>0.0416</b>	<b>7,134.1974</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	Site Preparation	Site Preparation	3/2/2020	3/13/2020	5	10	
2	Grading	Grading	3/14/2020	4/24/2020	5	30	
3	Building Construction	Building Construction	4/25/2020	6/18/2021	5	300	
4	Paving	Paving	4/25/2020	6/18/2021	5	300	
5	Architectural Coating	Architectural Coating	4/25/2020	6/18/2021	5	300	

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

**Acres of Grading (Grading Phase): 75**

**Acres of Paving: 0**

**Residential Indoor: 1,146,717; Residential Outdoor: 382,239; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)**

**OffRoad Equipment**

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
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
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
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
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	18.00	5.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	4.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

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**3.1 Mitigation Measures Construction**

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

**3.2 Site Preparation - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216		3,685.1016	3,685.1016	1.1918		3,714.8975
<b>Total</b>	<b>4.0765</b>	<b>42.4173</b>	<b>21.5136</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.1974</b>	<b>20.2637</b>	<b>9.9307</b>	<b>2.0216</b>	<b>11.9523</b>		<b>3,685.1016</b>	<b>3,685.1016</b>	<b>1.1918</b>		<b>3,714.8975</b>

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**3.2 Site Preparation - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0916	0.0542	0.7258	1.9900e-003	0.2012	1.2200e-003	0.2024	0.0534	1.1200e-003	0.0545		198.2870	198.2870	5.0800e-003		198.4141
<b>Total</b>	<b>0.0916</b>	<b>0.0542</b>	<b>0.7258</b>	<b>1.9900e-003</b>	<b>0.2012</b>	<b>1.2200e-003</b>	<b>0.2024</b>	<b>0.0534</b>	<b>1.1200e-003</b>	<b>0.0545</b>		<b>198.2870</b>	<b>198.2870</b>	<b>5.0800e-003</b>		<b>198.4141</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					5.9890	0.0000	5.9890	3.2920	0.0000	3.2920			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975
<b>Total</b>	<b>4.0765</b>	<b>42.4173</b>	<b>21.5136</b>	<b>0.0380</b>	<b>5.9890</b>	<b>2.1974</b>	<b>8.1864</b>	<b>3.2920</b>	<b>2.0216</b>	<b>5.3136</b>	<b>0.0000</b>	<b>3,685.1016</b>	<b>3,685.1016</b>	<b>1.1918</b>		<b>3,714.8975</b>



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**3.2 Site Preparation - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0916	0.0542	0.7258	1.9900e-003	0.1312	1.2200e-003	0.1325	0.0362	1.1200e-003	0.0373		198.2870	198.2870	5.0800e-003		198.4141
<b>Total</b>	<b>0.0916</b>	<b>0.0542</b>	<b>0.7258</b>	<b>1.9900e-003</b>	<b>0.1312</b>	<b>1.2200e-003</b>	<b>0.1325</b>	<b>0.0362</b>	<b>1.1200e-003</b>	<b>0.0373</b>		<b>198.2870</b>	<b>198.2870</b>	<b>5.0800e-003</b>		<b>198.4141</b>

**3.3 Grading - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.4501	50.1975	31.9583	0.0620		2.1739	2.1739		2.0000	2.0000		6,005.8653	6,005.8653	1.9424		6,054.4257
<b>Total</b>	<b>4.4501</b>	<b>50.1975</b>	<b>31.9583</b>	<b>0.0620</b>	<b>8.6733</b>	<b>2.1739</b>	<b>10.8472</b>	<b>3.5965</b>	<b>2.0000</b>	<b>5.5965</b>		<b>6,005.8653</b>	<b>6,005.8653</b>	<b>1.9424</b>		<b>6,054.4257</b>

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**3.3 Grading - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.1018	0.0602	0.8064	2.2100e-003	0.2236	1.3500e-003	0.2249	0.0593	1.2500e-003	0.0605		220.3189	220.3189	5.6500e-003		220.4601
<b>Total</b>	<b>0.1018</b>	<b>0.0602</b>	<b>0.8064</b>	<b>2.2100e-003</b>	<b>0.2236</b>	<b>1.3500e-003</b>	<b>0.2249</b>	<b>0.0593</b>	<b>1.2500e-003</b>	<b>0.0605</b>		<b>220.3189</b>	<b>220.3189</b>	<b>5.6500e-003</b>		<b>220.4601</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					2.8752	0.0000	2.8752	1.1922	0.0000	1.1922			0.0000			0.0000
Off-Road	4.4501	50.1975	31.9583	0.0620		2.1739	2.1739		2.0000	2.0000	0.0000	6,005.8653	6,005.8653	1.9424		6,054.4257
<b>Total</b>	<b>4.4501</b>	<b>50.1975</b>	<b>31.9583</b>	<b>0.0620</b>	<b>2.8752</b>	<b>2.1739</b>	<b>5.0491</b>	<b>1.1922</b>	<b>2.0000</b>	<b>3.1922</b>	<b>0.0000</b>	<b>6,005.8653</b>	<b>6,005.8653</b>	<b>1.9424</b>		<b>6,054.4257</b>

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**3.3 Grading - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.1018	0.0602	0.8064	2.2100e-003	0.1458	1.3500e-003	0.1472	0.0402	1.2500e-003	0.0415		220.3189	220.3189	5.6500e-003		220.4601
<b>Total</b>	<b>0.1018</b>	<b>0.0602</b>	<b>0.8064</b>	<b>2.2100e-003</b>	<b>0.1458</b>	<b>1.3500e-003</b>	<b>0.1472</b>	<b>0.0402</b>	<b>1.2500e-003</b>	<b>0.0415</b>		<b>220.3189</b>	<b>220.3189</b>	<b>5.6500e-003</b>		<b>220.4601</b>

**3.4 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>

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**3.4 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	0.0139	0.5145	0.0941	1.3100e-003	0.0320	2.9300e-003	0.0349	9.2200e-003	2.8000e-003	0.0120		137.6955	137.6955	0.0103		137.9537
Worker	0.0916	0.0542	0.7258	1.9900e-003	0.2012	1.2200e-003	0.2024	0.0534	1.1200e-003	0.0545		198.2870	198.2870	5.0800e-003		198.4141
<b>Total</b>	<b>0.1055</b>	<b>0.5686</b>	<b>0.8199</b>	<b>3.3000e-003</b>	<b>0.2332</b>	<b>4.1500e-003</b>	<b>0.2374</b>	<b>0.0626</b>	<b>3.9200e-003</b>	<b>0.0665</b>		<b>335.9825</b>	<b>335.9825</b>	<b>0.0154</b>		<b>336.3677</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>

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**3.4 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	0.0139	0.5145	0.0941	1.3100e-003	0.0229	2.9300e-003	0.0258	6.9800e-003	2.8000e-003	9.7800e-003		137.6955	137.6955	0.0103		137.9537
Worker	0.0916	0.0542	0.7258	1.9900e-003	0.1312	1.2200e-003	0.1325	0.0362	1.1200e-003	0.0373		198.2870	198.2870	5.0800e-003		198.4141
<b>Total</b>	<b>0.1055</b>	<b>0.5686</b>	<b>0.8199</b>	<b>3.3000e-003</b>	<b>0.1541</b>	<b>4.1500e-003</b>	<b>0.1583</b>	<b>0.0432</b>	<b>3.9200e-003</b>	<b>0.0471</b>		<b>335.9825</b>	<b>335.9825</b>	<b>0.0154</b>		<b>336.3677</b>

**3.4 Building Construction - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
<b>Total</b>	<b>1.9009</b>	<b>17.4321</b>	<b>16.5752</b>	<b>0.0269</b>		<b>0.9586</b>	<b>0.9586</b>		<b>0.9013</b>	<b>0.9013</b>		<b>2,553.3639</b>	<b>2,553.3639</b>	<b>0.6160</b>		<b>2,568.7643</b>

Hemet Tentative Tract Map - Riverside-South Coast County, Summer

**3.4 Building Construction - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0117	0.4627	0.0826	1.3000e-003	0.0320	8.8000e-004	0.0329	9.2200e-003	8.4000e-004	0.0101		136.6255	136.6255	9.7700e-003		136.8699
Worker	0.0853	0.0486	0.6655	1.9200e-003	0.2012	1.1900e-003	0.2024	0.0534	1.0900e-003	0.0545		191.6552	191.6552	4.5700e-003		191.7694
<b>Total</b>	<b>0.0970</b>	<b>0.5113</b>	<b>0.7480</b>	<b>3.2200e-003</b>	<b>0.2332</b>	<b>2.0700e-003</b>	<b>0.2353</b>	<b>0.0626</b>	<b>1.9300e-003</b>	<b>0.0645</b>		<b>328.2807</b>	<b>328.2807</b>	<b>0.0143</b>		<b>328.6393</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	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
<b>Total</b>	<b>1.9009</b>	<b>17.4321</b>	<b>16.5752</b>	<b>0.0269</b>		<b>0.9586</b>	<b>0.9586</b>		<b>0.9013</b>	<b>0.9013</b>	<b>0.0000</b>	<b>2,553.3639</b>	<b>2,553.3639</b>	<b>0.6160</b>		<b>2,568.7643</b>

Hemet Tentative Tract Map - Riverside-South Coast County, Summer

**3.4 Building Construction - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0117	0.4627	0.0826	1.3000e-003	0.0229	8.8000e-004	0.0238	6.9800e-003	8.4000e-004	7.8200e-003		136.6255	136.6255	9.7700e-003		136.8699
Worker	0.0853	0.0486	0.6655	1.9200e-003	0.1312	1.1900e-003	0.1324	0.0362	1.0900e-003	0.0373		191.6552	191.6552	4.5700e-003		191.7694
<b>Total</b>	<b>0.0970</b>	<b>0.5113</b>	<b>0.7480</b>	<b>3.2200e-003</b>	<b>0.1541</b>	<b>2.0700e-003</b>	<b>0.1562</b>	<b>0.0432</b>	<b>1.9300e-003</b>	<b>0.0451</b>		<b>328.2807</b>	<b>328.2807</b>	<b>0.0143</b>		<b>328.6393</b>

**3.5 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	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926		2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3566</b>	<b>14.0656</b>	<b>14.6521</b>	<b>0.0228</b>		<b>0.7528</b>	<b>0.7528</b>		<b>0.6926</b>	<b>0.6926</b>		<b>2,207.7334</b>	<b>2,207.7334</b>	<b>0.7140</b>		<b>2,225.5841</b>

Hemet Tentative Tract Map - Riverside-South Coast County, Summer

**3.5 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	0.0763	0.0451	0.6048	1.6600e-003	0.1677	1.0200e-003	0.1687	0.0445	9.3000e-004	0.0454		165.2392	165.2392	4.2400e-003		165.3451
<b>Total</b>	<b>0.0763</b>	<b>0.0451</b>	<b>0.6048</b>	<b>1.6600e-003</b>	<b>0.1677</b>	<b>1.0200e-003</b>	<b>0.1687</b>	<b>0.0445</b>	<b>9.3000e-004</b>	<b>0.0454</b>		<b>165.2392</b>	<b>165.2392</b>	<b>4.2400e-003</b>		<b>165.3451</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	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926	0.0000	2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3566</b>	<b>14.0656</b>	<b>14.6521</b>	<b>0.0228</b>		<b>0.7528</b>	<b>0.7528</b>		<b>0.6926</b>	<b>0.6926</b>	<b>0.0000</b>	<b>2,207.7334</b>	<b>2,207.7334</b>	<b>0.7140</b>		<b>2,225.5841</b>



Hemet Tentative Tract Map - Riverside-South Coast County, Summer

**3.5 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	0.0763	0.0451	0.6048	1.6600e-003	0.1094	1.0200e-003	0.1104	0.0302	9.3000e-004	0.0311		165.2392	165.2392	4.2400e-003		165.3451
<b>Total</b>	<b>0.0763</b>	<b>0.0451</b>	<b>0.6048</b>	<b>1.6600e-003</b>	<b>0.1094</b>	<b>1.0200e-003</b>	<b>0.1104</b>	<b>0.0302</b>	<b>9.3000e-004</b>	<b>0.0311</b>		<b>165.2392</b>	<b>165.2392</b>	<b>4.2400e-003</b>		<b>165.3451</b>

**3.5 Paving - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.2556</b>	<b>12.9191</b>	<b>14.6532</b>	<b>0.0228</b>		<b>0.6777</b>	<b>0.6777</b>		<b>0.6235</b>	<b>0.6235</b>		<b>2,207.2109</b>	<b>2,207.2109</b>	<b>0.7139</b>		<b>2,225.0573</b>

Hemet Tentative Tract Map - Riverside-South Coast County, Summer

**3.5 Paving - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0711	0.0405	0.5546	1.6000e-003	0.1677	9.9000e-004	0.1687	0.0445	9.1000e-004	0.0454		159.7126	159.7126	3.8100e-003		159.8078
<b>Total</b>	<b>0.0711</b>	<b>0.0405</b>	<b>0.5546</b>	<b>1.6000e-003</b>	<b>0.1677</b>	<b>9.9000e-004</b>	<b>0.1687</b>	<b>0.0445</b>	<b>9.1000e-004</b>	<b>0.0454</b>		<b>159.7126</b>	<b>159.7126</b>	<b>3.8100e-003</b>		<b>159.8078</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	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.2556</b>	<b>12.9191</b>	<b>14.6532</b>	<b>0.0228</b>		<b>0.6777</b>	<b>0.6777</b>		<b>0.6235</b>	<b>0.6235</b>	<b>0.0000</b>	<b>2,207.2109</b>	<b>2,207.2109</b>	<b>0.7139</b>		<b>2,225.0573</b>

Hemet Tentative Tract Map - Riverside-South Coast County, Summer

**3.5 Paving - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0711	0.0405	0.5546	1.6000e-003	0.1094	9.9000e-004	0.1104	0.0302	9.1000e-004	0.0311		159.7126	159.7126	3.8100e-003		159.8078
<b>Total</b>	<b>0.0711</b>	<b>0.0405</b>	<b>0.5546</b>	<b>1.6000e-003</b>	<b>0.1094</b>	<b>9.9000e-004</b>	<b>0.1104</b>	<b>0.0302</b>	<b>9.1000e-004</b>	<b>0.0311</b>		<b>159.7126</b>	<b>159.7126</b>	<b>3.8100e-003</b>		<b>159.8078</b>

**3.6 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	11.8112					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>12.0534</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>

Hemet Tentative Tract Map - Riverside-South Coast County, Summer

**3.6 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	0.0204	0.0120	0.1613	4.4000e-004	0.0447	2.7000e-004	0.0450	0.0119	2.5000e-004	0.0121		44.0638	44.0638	1.1300e-003		44.0920
<b>Total</b>	<b>0.0204</b>	<b>0.0120</b>	<b>0.1613</b>	<b>4.4000e-004</b>	<b>0.0447</b>	<b>2.7000e-004</b>	<b>0.0450</b>	<b>0.0119</b>	<b>2.5000e-004</b>	<b>0.0121</b>		<b>44.0638</b>	<b>44.0638</b>	<b>1.1300e-003</b>		<b>44.0920</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	11.8112					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>12.0534</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>

Hemet Tentative Tract Map - Riverside-South Coast County, Summer

**3.6 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	0.0204	0.0120	0.1613	4.4000e-004	0.0292	2.7000e-004	0.0294	8.0400e-003	2.5000e-004	8.2900e-003		44.0638	44.0638	1.1300e-003		44.0920
<b>Total</b>	<b>0.0204</b>	<b>0.0120</b>	<b>0.1613</b>	<b>4.4000e-004</b>	<b>0.0292</b>	<b>2.7000e-004</b>	<b>0.0294</b>	<b>8.0400e-003</b>	<b>2.5000e-004</b>	<b>8.2900e-003</b>		<b>44.0638</b>	<b>44.0638</b>	<b>1.1300e-003</b>		<b>44.0920</b>

**3.6 Architectural Coating - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.8112					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
<b>Total</b>	<b>12.0301</b>	<b>1.5268</b>	<b>1.8176</b>	<b>2.9700e-003</b>		<b>0.0941</b>	<b>0.0941</b>		<b>0.0941</b>	<b>0.0941</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0193</b>		<b>281.9309</b>

Hemet Tentative Tract Map - Riverside-South Coast County, Summer

**3.6 Architectural Coating - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0190	0.0108	0.1479	4.3000e-004	0.0447	2.6000e-004	0.0450	0.0119	2.4000e-004	0.0121		42.5900	42.5900	1.0200e-003		42.6154
<b>Total</b>	<b>0.0190</b>	<b>0.0108</b>	<b>0.1479</b>	<b>4.3000e-004</b>	<b>0.0447</b>	<b>2.6000e-004</b>	<b>0.0450</b>	<b>0.0119</b>	<b>2.4000e-004</b>	<b>0.0121</b>		<b>42.5900</b>	<b>42.5900</b>	<b>1.0200e-003</b>		<b>42.6154</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	11.8112					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
<b>Total</b>	<b>12.0301</b>	<b>1.5268</b>	<b>1.8176</b>	<b>2.9700e-003</b>		<b>0.0941</b>	<b>0.0941</b>		<b>0.0941</b>	<b>0.0941</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0193</b>		<b>281.9309</b>

Hemet Tentative Tract Map - Riverside-South Coast County, Summer

**3.6 Architectural Coating - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0190	0.0108	0.1479	4.3000e-004	0.0292	2.6000e-004	0.0294	8.0400e-003	2.4000e-004	8.2800e-003		42.5900	42.5900	1.0200e-003		42.6154
<b>Total</b>	<b>0.0190</b>	<b>0.0108</b>	<b>0.1479</b>	<b>4.3000e-004</b>	<b>0.0292</b>	<b>2.6000e-004</b>	<b>0.0294</b>	<b>8.0400e-003</b>	<b>2.4000e-004</b>	<b>8.2800e-003</b>		<b>42.5900</b>	<b>42.5900</b>	<b>1.0200e-003</b>		<b>42.6154</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Hemet Tentative Tract Map - Riverside-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	1.0209	7.3258	12.2710	0.0507	3.6834	0.0350	3.7184	0.9856	0.0328	1.0184		5,173.3134	5,173.3134	0.2478		5,179.5075
Unmitigated	1.0209	7.3258	12.2710	0.0507	3.6834	0.0350	3.7184	0.9856	0.0328	1.0184		5,173.3134	5,173.3134	0.2478		5,179.5075

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Single Family Housing	485.52	505.41	439.62	1,646,398	1,646,398
Total	485.52	505.41	439.62	1,646,398	1,646,398

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	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038

5.0 Energy Detail

Historical Energy Use: N



Hemet Tentative Tract Map - Riverside-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	0.0461	0.3940	0.1677	2.5100e-003		0.0319	0.0319		0.0319	0.0319		502.9504	502.9504	9.6400e-003	9.2200e-003	505.9392
NaturalGas Unmitigated	0.0461	0.3940	0.1677	2.5100e-003		0.0319	0.0319		0.0319	0.0319		502.9504	502.9504	9.6400e-003	9.2200e-003	505.9392

**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	4275.08	0.0461	0.3940	0.1677	2.5100e-003		0.0319	0.0319		0.0319	0.0319		502.9504	502.9504	9.6400e-003	9.2200e-003	505.9392
<b>Total</b>		<b>0.0461</b>	<b>0.3940</b>	<b>0.1677</b>	<b>2.5100e-003</b>		<b>0.0319</b>	<b>0.0319</b>		<b>0.0319</b>	<b>0.0319</b>		<b>502.9504</b>	<b>502.9504</b>	<b>9.6400e-003</b>	<b>9.2200e-003</b>	<b>505.9392</b>

Hemet Tentative Tract Map - Riverside-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	4.27508	0.0461	0.3940	0.1677	2.5100e-003		0.0319	0.0319		0.0319	0.0319		502.9504	502.9504	9.6400e-003	9.2200e-003	505.9392
<b>Total</b>		<b>0.0461</b>	<b>0.3940</b>	<b>0.1677</b>	<b>2.5100e-003</b>		<b>0.0319</b>	<b>0.0319</b>		<b>0.0319</b>	<b>0.0319</b>		<b>502.9504</b>	<b>502.9504</b>	<b>9.6400e-003</b>	<b>9.2200e-003</b>	<b>505.9392</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	25.6747	1.1068	30.1529	0.0664		3.9191	3.9191		3.9191	3.9191	477.7128	925.5762	1,403.2890	1.4320	0.0324	1,448.7506
Unmitigated	25.6747	1.1068	30.1529	0.0664		3.9191	3.9191		3.9191	3.9191	477.7128	925.5762	1,403.2890	1.4320	0.0324	1,448.7506

Hemet Tentative Tract Map - Riverside-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	0.9708					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	11.2123					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	13.3638	1.0582	25.9361	0.0662		3.8958	3.8958		3.8958	3.8958	477.7128	918.0000	1,395.7128	1.4246	0.0324	1,440.9909
Landscaping	0.1278	0.0487	4.2167	2.2000e-004		0.0232	0.0232		0.0232	0.0232		7.5762	7.5762	7.3400e-003		7.7597
<b>Total</b>	<b>25.6747</b>	<b>1.1068</b>	<b>30.1529</b>	<b>0.0664</b>		<b>3.9190</b>	<b>3.9190</b>		<b>3.9190</b>	<b>3.9190</b>	<b>477.7128</b>	<b>925.5762</b>	<b>1,403.2890</b>	<b>1.4320</b>	<b>0.0324</b>	<b>1,448.7506</b>

Hemet Tentative Tract Map - Riverside-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	0.9708					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	11.2123					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	13.3638	1.0582	25.9361	0.0662		3.8958	3.8958		3.8958	3.8958	477.7128	918.0000	1,395.7128	1.4246	0.0324	1,440.9909
Landscaping	0.1278	0.0487	4.2167	2.2000e-004		0.0232	0.0232		0.0232	0.0232		7.5762	7.5762	7.3400e-003		7.7597
<b>Total</b>	<b>25.6747</b>	<b>1.1068</b>	<b>30.1529</b>	<b>0.0664</b>		<b>3.9190</b>	<b>3.9190</b>		<b>3.9190</b>	<b>3.9190</b>	<b>477.7128</b>	<b>925.5762</b>	<b>1,403.2890</b>	<b>1.4320</b>	<b>0.0324</b>	<b>1,448.7506</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**

Hemet Tentative Tract Map - Riverside-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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Hemet Tentative Tract Map - Riverside-South Coast County, Winter

**Hemet Tentative Tract Map**  
**Riverside-South Coast County, Winter**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	51.00	Dwelling Unit	13.00	566,280.00	146

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.4	<b>Precipitation Freq (Days)</b>	28
<b>Climate Zone</b>	10			<b>Operational Year</b>	2021
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MWhr)</b>	702.44	<b>CH4 Intensity (lb/MWhr)</b>	0.029	<b>N2O Intensity (lb/MWhr)</b>	0.006

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

Project Characteristics -

Land Use - The Project site is 13 acres total in size.

Construction Phase - Building construction, paving, and painting would occur simultaneously.

Grading - The 13 acre Project area will be graded over many times.

Construction Off-road Equipment Mitigation - SCAQMD Rule 403, CEQA Handbook, Tables 11-4, Page 11-15, and A11-9-A, page A11-77.

## Hemet Tentative Tract Map - Riverside-South Coast County, Winter

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	40
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	300.00
tblConstructionPhase	NumDays	20.00	300.00
tblLandUse	LandUseSquareFeet	91,800.00	566,280.00
tblLandUse	LotAcreage	16.56	13.00

## 2.0 Emissions Summary

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Hemet Tentative Tract Map - Riverside-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	25.6747	1.1068	30.1529	0.0664		3.9191	3.9191		3.9191	3.9191	477.7128	925.5762	1,403.2890	1.4320	0.0324	1,448.7506
Energy	0.0461	0.3940	0.1677	2.5100e-003		0.0319	0.0319		0.0319	0.0319		502.9504	502.9504	9.6400e-003	9.2200e-003	505.9392
Mobile	0.8671	7.3389	10.6065	0.0468	3.6834	0.0353	3.7187	0.9856	0.0332	1.0187		4,777.7045	4,777.7045	0.2551		4,784.0830
<b>Total</b>	<b>26.5879</b>	<b>8.8397</b>	<b>40.9270</b>	<b>0.1157</b>	<b>3.6834</b>	<b>3.9862</b>	<b>7.6696</b>	<b>0.9856</b>	<b>3.9841</b>	<b>4.9696</b>	<b>477.7128</b>	<b>6,206.2311</b>	<b>6,683.9439</b>	<b>1.6968</b>	<b>0.0416</b>	<b>6,738.7728</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	25.6747	1.1068	30.1529	0.0664		3.9191	3.9191		3.9191	3.9191	477.7128	925.5762	1,403.2890	1.4320	0.0324	1,448.7506
Energy	0.0461	0.3940	0.1677	2.5100e-003		0.0319	0.0319		0.0319	0.0319		502.9504	502.9504	9.6400e-003	9.2200e-003	505.9392
Mobile	0.8671	7.3389	10.6065	0.0468	3.6834	0.0353	3.7187	0.9856	0.0332	1.0187		4,777.7045	4,777.7045	0.2551		4,784.0830
<b>Total</b>	<b>26.5879</b>	<b>8.8397</b>	<b>40.9270</b>	<b>0.1157</b>	<b>3.6834</b>	<b>3.9862</b>	<b>7.6696</b>	<b>0.9856</b>	<b>3.9841</b>	<b>4.9696</b>	<b>477.7128</b>	<b>6,206.2311</b>	<b>6,683.9439</b>	<b>1.6968</b>	<b>0.0416</b>	<b>6,738.7728</b>

Hemet Tentative Tract Map - Riverside-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

#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	3/2/2020	3/13/2020	5	10	
2	Grading	Grading	3/14/2020	4/24/2020	5	30	
3	Building Construction	Building Construction	4/25/2020	6/18/2021	5	300	
4	Paving	Paving	4/25/2020	6/18/2021	5	300	
5	Architectural Coating	Architectural Coating	4/25/2020	6/18/2021	5	300	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 75

Acres of Paving: 0

Residential Indoor: 1,146,717; Residential Outdoor: 382,239; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

#### OffRoad Equipment

Hemet Tentative Tract Map - Riverside-South Coast County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
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
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
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
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	18.00	5.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	4.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

Hemet Tentative Tract Map - Riverside-South Coast County, Winter

**3.1 Mitigation Measures Construction**

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

**3.2 Site Preparation - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216		3,685.1016	3,685.1016	1.1918		3,714.8975
<b>Total</b>	<b>4.0765</b>	<b>42.4173</b>	<b>21.5136</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.1974</b>	<b>20.2637</b>	<b>9.9307</b>	<b>2.0216</b>	<b>11.9523</b>		<b>3,685.1016</b>	<b>3,685.1016</b>	<b>1.1918</b>		<b>3,714.8975</b>

Hemet Tentative Tract Map - Riverside-South Coast County, Winter

**3.2 Site Preparation - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0897	0.0560	0.5871	1.7900e-003	0.2012	1.2200e-003	0.2024	0.0534	1.1200e-003	0.0545		177.8824	177.8824	4.4200e-003		177.9929
<b>Total</b>	<b>0.0897</b>	<b>0.0560</b>	<b>0.5871</b>	<b>1.7900e-003</b>	<b>0.2012</b>	<b>1.2200e-003</b>	<b>0.2024</b>	<b>0.0534</b>	<b>1.1200e-003</b>	<b>0.0545</b>		<b>177.8824</b>	<b>177.8824</b>	<b>4.4200e-003</b>		<b>177.9929</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					5.9890	0.0000	5.9890	3.2920	0.0000	3.2920			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975
<b>Total</b>	<b>4.0765</b>	<b>42.4173</b>	<b>21.5136</b>	<b>0.0380</b>	<b>5.9890</b>	<b>2.1974</b>	<b>8.1864</b>	<b>3.2920</b>	<b>2.0216</b>	<b>5.3136</b>	<b>0.0000</b>	<b>3,685.1016</b>	<b>3,685.1016</b>	<b>1.1918</b>		<b>3,714.8975</b>

Hemet Tentative Tract Map - Riverside-South Coast County, Winter

**3.2 Site Preparation - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0897	0.0560	0.5871	1.7900e-003	0.1312	1.2200e-003	0.1325	0.0362	1.1200e-003	0.0373		177.8824	177.8824	4.4200e-003		177.9929
<b>Total</b>	<b>0.0897</b>	<b>0.0560</b>	<b>0.5871</b>	<b>1.7900e-003</b>	<b>0.1312</b>	<b>1.2200e-003</b>	<b>0.1325</b>	<b>0.0362</b>	<b>1.1200e-003</b>	<b>0.0373</b>		<b>177.8824</b>	<b>177.8824</b>	<b>4.4200e-003</b>		<b>177.9929</b>

**3.3 Grading - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.4501	50.1975	31.9583	0.0620		2.1739	2.1739		2.0000	2.0000		6,005.8653	6,005.8653	1.9424		6,054.4257
<b>Total</b>	<b>4.4501</b>	<b>50.1975</b>	<b>31.9583</b>	<b>0.0620</b>	<b>8.6733</b>	<b>2.1739</b>	<b>10.8472</b>	<b>3.5965</b>	<b>2.0000</b>	<b>5.5965</b>		<b>6,005.8653</b>	<b>6,005.8653</b>	<b>1.9424</b>		<b>6,054.4257</b>

Hemet Tentative Tract Map - Riverside-South Coast County, Winter

**3.3 Grading - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0997	0.0623	0.6524	1.9800e-003	0.2236	1.3500e-003	0.2249	0.0593	1.2500e-003	0.0605		197.6472	197.6472	4.9100e-003		197.7699
<b>Total</b>	<b>0.0997</b>	<b>0.0623</b>	<b>0.6524</b>	<b>1.9800e-003</b>	<b>0.2236</b>	<b>1.3500e-003</b>	<b>0.2249</b>	<b>0.0593</b>	<b>1.2500e-003</b>	<b>0.0605</b>		<b>197.6472</b>	<b>197.6472</b>	<b>4.9100e-003</b>		<b>197.7699</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					2.8752	0.0000	2.8752	1.1922	0.0000	1.1922			0.0000			0.0000
Off-Road	4.4501	50.1975	31.9583	0.0620		2.1739	2.1739		2.0000	2.0000	0.0000	6,005.8653	6,005.8653	1.9424		6,054.4257
<b>Total</b>	<b>4.4501</b>	<b>50.1975</b>	<b>31.9583</b>	<b>0.0620</b>	<b>2.8752</b>	<b>2.1739</b>	<b>5.0491</b>	<b>1.1922</b>	<b>2.0000</b>	<b>3.1922</b>	<b>0.0000</b>	<b>6,005.8653</b>	<b>6,005.8653</b>	<b>1.9424</b>		<b>6,054.4257</b>

Hemet Tentative Tract Map - Riverside-South Coast County, Winter

**3.3 Grading - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0997	0.0623	0.6524	1.9800e-003	0.1458	1.3500e-003	0.1472	0.0402	1.2500e-003	0.0415		197.6472	197.6472	4.9100e-003		197.7699
<b>Total</b>	<b>0.0997</b>	<b>0.0623</b>	<b>0.6524</b>	<b>1.9800e-003</b>	<b>0.1458</b>	<b>1.3500e-003</b>	<b>0.1472</b>	<b>0.0402</b>	<b>1.2500e-003</b>	<b>0.0415</b>		<b>197.6472</b>	<b>197.6472</b>	<b>4.9100e-003</b>		<b>197.7699</b>

**3.4 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>



Hemet Tentative Tract Map - Riverside-South Coast County, Winter

**3.4 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	0.0147	0.5118	0.1102	1.2600e-003	0.0320	2.9600e-003	0.0350	9.2200e-003	2.8300e-003	0.0121		132.5214	132.5214	0.0115		132.8087
Worker	0.0897	0.0560	0.5871	1.7900e-003	0.2012	1.2200e-003	0.2024	0.0534	1.1200e-003	0.0545		177.8824	177.8824	4.4200e-003		177.9929
<b>Total</b>	<b>0.1044</b>	<b>0.5678</b>	<b>0.6973</b>	<b>3.0500e-003</b>	<b>0.2332</b>	<b>4.1800e-003</b>	<b>0.2374</b>	<b>0.0626</b>	<b>3.9500e-003</b>	<b>0.0665</b>		<b>310.4038</b>	<b>310.4038</b>	<b>0.0159</b>		<b>310.8016</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>

Hemet Tentative Tract Map - Riverside-South Coast County, Winter

**3.4 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	0.0147	0.5118	0.1102	1.2600e-003	0.0229	2.9600e-003	0.0259	6.9800e-003	2.8300e-003	9.8100e-003		132.5214	132.5214	0.0115		132.8087
Worker	0.0897	0.0560	0.5871	1.7900e-003	0.1312	1.2200e-003	0.1325	0.0362	1.1200e-003	0.0373		177.8824	177.8824	4.4200e-003		177.9929
<b>Total</b>	<b>0.1044</b>	<b>0.5678</b>	<b>0.6973</b>	<b>3.0500e-003</b>	<b>0.1541</b>	<b>4.1800e-003</b>	<b>0.1583</b>	<b>0.0432</b>	<b>3.9500e-003</b>	<b>0.0471</b>		<b>310.4038</b>	<b>310.4038</b>	<b>0.0159</b>		<b>310.8016</b>

**3.4 Building Construction - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
<b>Total</b>	<b>1.9009</b>	<b>17.4321</b>	<b>16.5752</b>	<b>0.0269</b>		<b>0.9586</b>	<b>0.9586</b>		<b>0.9013</b>	<b>0.9013</b>		<b>2,553.3639</b>	<b>2,553.3639</b>	<b>0.6160</b>		<b>2,568.7643</b>

Hemet Tentative Tract Map - Riverside-South Coast County, Winter

**3.4 Building Construction - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0124	0.4587	0.0977	1.2500e-003	0.0320	9.1000e-004	0.0329	9.2200e-003	8.7000e-004	0.0101		131.4866	131.4866	0.0109		131.7589
Worker	0.0838	0.0503	0.5372	1.7200e-003	0.2012	1.1900e-003	0.2024	0.0534	1.0900e-003	0.0545		171.9348	171.9348	3.9700e-003		172.0342
<b>Total</b>	<b>0.0962</b>	<b>0.5090</b>	<b>0.6348</b>	<b>2.9700e-003</b>	<b>0.2332</b>	<b>2.1000e-003</b>	<b>0.2353</b>	<b>0.0626</b>	<b>1.9600e-003</b>	<b>0.0645</b>		<b>303.4215</b>	<b>303.4215</b>	<b>0.0149</b>		<b>303.7931</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	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
<b>Total</b>	<b>1.9009</b>	<b>17.4321</b>	<b>16.5752</b>	<b>0.0269</b>		<b>0.9586</b>	<b>0.9586</b>		<b>0.9013</b>	<b>0.9013</b>	<b>0.0000</b>	<b>2,553.3639</b>	<b>2,553.3639</b>	<b>0.6160</b>		<b>2,568.7643</b>

Hemet Tentative Tract Map - Riverside-South Coast County, Winter

**3.4 Building Construction - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0124	0.4587	0.0977	1.2500e-003	0.0229	9.1000e-004	0.0238	6.9800e-003	8.7000e-004	7.8500e-003		131.4866	131.4866	0.0109		131.7589
Worker	0.0838	0.0503	0.5372	1.7200e-003	0.1312	1.1900e-003	0.1324	0.0362	1.0900e-003	0.0373		171.9348	171.9348	3.9700e-003		172.0342
<b>Total</b>	<b>0.0962</b>	<b>0.5090</b>	<b>0.6348</b>	<b>2.9700e-003</b>	<b>0.1541</b>	<b>2.1000e-003</b>	<b>0.1562</b>	<b>0.0432</b>	<b>1.9600e-003</b>	<b>0.0451</b>		<b>303.4215</b>	<b>303.4215</b>	<b>0.0149</b>		<b>303.7931</b>

**3.5 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	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926		2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3566</b>	<b>14.0656</b>	<b>14.6521</b>	<b>0.0228</b>		<b>0.7528</b>	<b>0.7528</b>		<b>0.6926</b>	<b>0.6926</b>		<b>2,207.7334</b>	<b>2,207.7334</b>	<b>0.7140</b>		<b>2,225.5841</b>

Hemet Tentative Tract Map - Riverside-South Coast County, Winter

**3.5 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	0.0748	0.0467	0.4893	1.4900e-003	0.1677	1.0200e-003	0.1687	0.0445	9.3000e-004	0.0454		148.2354	148.2354	3.6800e-003		148.3274
<b>Total</b>	<b>0.0748</b>	<b>0.0467</b>	<b>0.4893</b>	<b>1.4900e-003</b>	<b>0.1677</b>	<b>1.0200e-003</b>	<b>0.1687</b>	<b>0.0445</b>	<b>9.3000e-004</b>	<b>0.0454</b>		<b>148.2354</b>	<b>148.2354</b>	<b>3.6800e-003</b>		<b>148.3274</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	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926	0.0000	2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3566</b>	<b>14.0656</b>	<b>14.6521</b>	<b>0.0228</b>		<b>0.7528</b>	<b>0.7528</b>		<b>0.6926</b>	<b>0.6926</b>	<b>0.0000</b>	<b>2,207.7334</b>	<b>2,207.7334</b>	<b>0.7140</b>		<b>2,225.5841</b>

Hemet Tentative Tract Map - Riverside-South Coast County, Winter

**3.5 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	0.0748	0.0467	0.4893	1.4900e-003	0.1094	1.0200e-003	0.1104	0.0302	9.3000e-004	0.0311		148.2354	148.2354	3.6800e-003		148.3274
<b>Total</b>	<b>0.0748</b>	<b>0.0467</b>	<b>0.4893</b>	<b>1.4900e-003</b>	<b>0.1094</b>	<b>1.0200e-003</b>	<b>0.1104</b>	<b>0.0302</b>	<b>9.3000e-004</b>	<b>0.0311</b>		<b>148.2354</b>	<b>148.2354</b>	<b>3.6800e-003</b>		<b>148.3274</b>

**3.5 Paving - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.2556</b>	<b>12.9191</b>	<b>14.6532</b>	<b>0.0228</b>		<b>0.6777</b>	<b>0.6777</b>		<b>0.6235</b>	<b>0.6235</b>		<b>2,207.2109</b>	<b>2,207.2109</b>	<b>0.7139</b>		<b>2,225.0573</b>

Hemet Tentative Tract Map - Riverside-South Coast County, Winter

**3.5 Paving - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0698	0.0419	0.4476	1.4400e-003	0.1677	9.9000e-004	0.1687	0.0445	9.1000e-004	0.0454		143.2790	143.2790	3.3100e-003		143.3618
<b>Total</b>	<b>0.0698</b>	<b>0.0419</b>	<b>0.4476</b>	<b>1.4400e-003</b>	<b>0.1677</b>	<b>9.9000e-004</b>	<b>0.1687</b>	<b>0.0445</b>	<b>9.1000e-004</b>	<b>0.0454</b>		<b>143.2790</b>	<b>143.2790</b>	<b>3.3100e-003</b>		<b>143.3618</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	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.2556</b>	<b>12.9191</b>	<b>14.6532</b>	<b>0.0228</b>		<b>0.6777</b>	<b>0.6777</b>		<b>0.6235</b>	<b>0.6235</b>	<b>0.0000</b>	<b>2,207.2109</b>	<b>2,207.2109</b>	<b>0.7139</b>		<b>2,225.0573</b>

Hemet Tentative Tract Map - Riverside-South Coast County, Winter

**3.5 Paving - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0698	0.0419	0.4476	1.4400e-003	0.1094	9.9000e-004	0.1104	0.0302	9.1000e-004	0.0311		143.2790	143.2790	3.3100e-003		143.3618
<b>Total</b>	<b>0.0698</b>	<b>0.0419</b>	<b>0.4476</b>	<b>1.4400e-003</b>	<b>0.1094</b>	<b>9.9000e-004</b>	<b>0.1104</b>	<b>0.0302</b>	<b>9.1000e-004</b>	<b>0.0311</b>		<b>143.2790</b>	<b>143.2790</b>	<b>3.3100e-003</b>		<b>143.3618</b>

**3.6 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	11.8112					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>12.0534</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>



Hemet Tentative Tract Map - Riverside-South Coast County, Winter

**3.6 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	0.0199	0.0125	0.1305	4.0000e-004	0.0447	2.7000e-004	0.0450	0.0119	2.5000e-004	0.0121		39.5294	39.5294	9.8000e-004		39.5540
<b>Total</b>	<b>0.0199</b>	<b>0.0125</b>	<b>0.1305</b>	<b>4.0000e-004</b>	<b>0.0447</b>	<b>2.7000e-004</b>	<b>0.0450</b>	<b>0.0119</b>	<b>2.5000e-004</b>	<b>0.0121</b>		<b>39.5294</b>	<b>39.5294</b>	<b>9.8000e-004</b>		<b>39.5540</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	11.8112					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>12.0534</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>

Hemet Tentative Tract Map - Riverside-South Coast County, Winter

**3.6 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	0.0199	0.0125	0.1305	4.0000e-004	0.0292	2.7000e-004	0.0294	8.0400e-003	2.5000e-004	8.2900e-003		39.5294	39.5294	9.8000e-004		39.5540
<b>Total</b>	<b>0.0199</b>	<b>0.0125</b>	<b>0.1305</b>	<b>4.0000e-004</b>	<b>0.0292</b>	<b>2.7000e-004</b>	<b>0.0294</b>	<b>8.0400e-003</b>	<b>2.5000e-004</b>	<b>8.2900e-003</b>		<b>39.5294</b>	<b>39.5294</b>	<b>9.8000e-004</b>		<b>39.5540</b>

**3.6 Architectural Coating - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.8112					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
<b>Total</b>	<b>12.0301</b>	<b>1.5268</b>	<b>1.8176</b>	<b>2.9700e-003</b>		<b>0.0941</b>	<b>0.0941</b>		<b>0.0941</b>	<b>0.0941</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0193</b>		<b>281.9309</b>

Hemet Tentative Tract Map - Riverside-South Coast County, Winter

**3.6 Architectural Coating - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0186	0.0112	0.1194	3.8000e-004	0.0447	2.6000e-004	0.0450	0.0119	2.4000e-004	0.0121		38.2077	38.2077	8.8000e-004		38.2298
<b>Total</b>	<b>0.0186</b>	<b>0.0112</b>	<b>0.1194</b>	<b>3.8000e-004</b>	<b>0.0447</b>	<b>2.6000e-004</b>	<b>0.0450</b>	<b>0.0119</b>	<b>2.4000e-004</b>	<b>0.0121</b>		<b>38.2077</b>	<b>38.2077</b>	<b>8.8000e-004</b>		<b>38.2298</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	11.8112					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
<b>Total</b>	<b>12.0301</b>	<b>1.5268</b>	<b>1.8176</b>	<b>2.9700e-003</b>		<b>0.0941</b>	<b>0.0941</b>		<b>0.0941</b>	<b>0.0941</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0193</b>		<b>281.9309</b>

Hemet Tentative Tract Map - Riverside-South Coast County, Winter

**3.6 Architectural Coating - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0186	0.0112	0.1194	3.8000e-004	0.0292	2.6000e-004	0.0294	8.0400e-003	2.4000e-004	8.2800e-003		38.2077	38.2077	8.8000e-004		38.2298
<b>Total</b>	<b>0.0186</b>	<b>0.0112</b>	<b>0.1194</b>	<b>3.8000e-004</b>	<b>0.0292</b>	<b>2.6000e-004</b>	<b>0.0294</b>	<b>8.0400e-003</b>	<b>2.4000e-004</b>	<b>8.2800e-003</b>		<b>38.2077</b>	<b>38.2077</b>	<b>8.8000e-004</b>		<b>38.2298</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Hemet Tentative Tract Map - Riverside-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	0.8671	7.3389	10.6065	0.0468	3.6834	0.0353	3.7187	0.9856	0.0332	1.0187		4,777.7045	4,777.7045	0.2551		4,784.0830
Unmitigated	0.8671	7.3389	10.6065	0.0468	3.6834	0.0353	3.7187	0.9856	0.0332	1.0187		4,777.7045	4,777.7045	0.2551		4,784.0830

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Single Family Housing	485.52	505.41	439.62	1,646,398	1,646,398
Total	485.52	505.41	439.62	1,646,398	1,646,398

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	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038

5.0 Energy Detail

Historical Energy Use: N

Hemet Tentative Tract Map - Riverside-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	0.0461	0.3940	0.1677	2.5100e-003		0.0319	0.0319		0.0319	0.0319		502.9504	502.9504	9.6400e-003	9.2200e-003	505.9392
NaturalGas Unmitigated	0.0461	0.3940	0.1677	2.5100e-003		0.0319	0.0319		0.0319	0.0319		502.9504	502.9504	9.6400e-003	9.2200e-003	505.9392

**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	4275.08	0.0461	0.3940	0.1677	2.5100e-003		0.0319	0.0319		0.0319	0.0319		502.9504	502.9504	9.6400e-003	9.2200e-003	505.9392
<b>Total</b>		<b>0.0461</b>	<b>0.3940</b>	<b>0.1677</b>	<b>2.5100e-003</b>		<b>0.0319</b>	<b>0.0319</b>		<b>0.0319</b>	<b>0.0319</b>		<b>502.9504</b>	<b>502.9504</b>	<b>9.6400e-003</b>	<b>9.2200e-003</b>	<b>505.9392</b>

Hemet Tentative Tract Map - Riverside-South Coast County, Winter

**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	4.27508	0.0461	0.3940	0.1677	2.5100e-003		0.0319	0.0319		0.0319	0.0319		502.9504	502.9504	9.6400e-003	9.2200e-003	505.9392
<b>Total</b>		<b>0.0461</b>	<b>0.3940</b>	<b>0.1677</b>	<b>2.5100e-003</b>		<b>0.0319</b>	<b>0.0319</b>		<b>0.0319</b>	<b>0.0319</b>		<b>502.9504</b>	<b>502.9504</b>	<b>9.6400e-003</b>	<b>9.2200e-003</b>	<b>505.9392</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	25.6747	1.1068	30.1529	0.0664		3.9191	3.9191		3.9191	3.9191	477.7128	925.5762	1,403.2890	1.4320	0.0324	1,448.7506
Unmitigated	25.6747	1.1068	30.1529	0.0664		3.9191	3.9191		3.9191	3.9191	477.7128	925.5762	1,403.2890	1.4320	0.0324	1,448.7506

Hemet Tentative Tract Map - Riverside-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	0.9708					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	11.2123					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	13.3638	1.0582	25.9361	0.0662		3.8958	3.8958		3.8958	3.8958	477.7128	918.0000	1,395.7128	1.4246	0.0324	1,440.9909
Landscaping	0.1278	0.0487	4.2167	2.2000e-004		0.0232	0.0232		0.0232	0.0232		7.5762	7.5762	7.3400e-003		7.7597
<b>Total</b>	<b>25.6747</b>	<b>1.1068</b>	<b>30.1529</b>	<b>0.0664</b>		<b>3.9190</b>	<b>3.9190</b>		<b>3.9190</b>	<b>3.9190</b>	<b>477.7128</b>	<b>925.5762</b>	<b>1,403.2890</b>	<b>1.4320</b>	<b>0.0324</b>	<b>1,448.7506</b>



Hemet Tentative Tract Map - Riverside-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	0.9708					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	11.2123					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	13.3638	1.0582	25.9361	0.0662		3.8958	3.8958		3.8958	3.8958	477.7128	918.0000	1,395.7128	1.4246	0.0324	1,440.9909
Landscaping	0.1278	0.0487	4.2167	2.2000e-004		0.0232	0.0232		0.0232	0.0232		7.5762	7.5762	7.3400e-003		7.7597
<b>Total</b>	<b>25.6747</b>	<b>1.1068</b>	<b>30.1529</b>	<b>0.0664</b>		<b>3.9190</b>	<b>3.9190</b>		<b>3.9190</b>	<b>3.9190</b>	<b>477.7128</b>	<b>925.5762</b>	<b>1,403.2890</b>	<b>1.4320</b>	<b>0.0324</b>	<b>1,448.7506</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

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

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Hemet Tentative Tract Map - Riverside-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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