

APPENDIX A -  
AIR QUALITY ANALYSIS  
CALCULATION DATA

Camino Ruiz Apartment Community - Ventura County, Summer

**Camino Ruiz Apartment Community  
Ventura County, Summer**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Mid Rise	386.00	Dwelling Unit	14.00	386,000.00	965

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.6	<b>Precipitation Freq (Days)</b>	31
<b>Climate Zone</b>	8			<b>Operational Year</b>	2023
<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 - Project site lot area is approximately 14 acres. Population is estimated to be 965 persons based on a City average of 2.5 persons per apartment unit.

Construction Phase - Default dates changed to reflect anticipated construction schedule.

Vehicle Trips - Default trip generation rates changed to be consistent with project traffic report.

Energy Mitigation - Assumes a minimum building energy efficiency of 15% per CalGreen Code requirements.

Water Mitigation - Assumes indoor water use reduction features per CalGreen Code requirements.

Waste Mitigation - Assumes a minimum 79% reduction in solid waste per current City efforts.

## Camino Ruiz Apartment Community - Ventura County, Summer

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	60.00
tblConstructionPhase	NumDays	300.00	700.00
tblConstructionPhase	PhaseEndDate	5/14/21	12/9/22
tblConstructionPhase	PhaseEndDate	3/19/21	8/19/22
tblConstructionPhase	PhaseEndDate	1/24/20	12/13/19
tblConstructionPhase	PhaseEndDate	4/16/21	9/16/22
tblConstructionPhase	PhaseStartDate	4/17/21	9/19/22
tblConstructionPhase	PhaseStartDate	1/25/20	12/16/19
tblConstructionPhase	PhaseStartDate	12/14/19	11/4/19
tblConstructionPhase	PhaseStartDate	3/20/21	8/22/22
tblLandUse	LotAcreage	10.16	14.00
tblLandUse	Population	1,181.00	965.00
tblVehicleTrips	ST_TR	6.39	6.00
tblVehicleTrips	SU_TR	5.86	5.00
tblVehicleTrips	WD_TR	6.65	6.00

## 2.0 Emissions Summary

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Camino Ruiz Apartment Community - Ventura County, Summer

**2.1 Overall Construction (Maximum Daily Emission)**

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	4.8175	54.5694	33.9832	0.0637	8.8376	2.3838	11.2215	3.6401	2.1931	5.8332	0.0000	6,303.959 1	6,303.959 1	1.9474	0.0000	6,352.643 7
2020	3.2729	24.1896	25.6535	0.0597	2.5608	1.1595	3.7203	0.6855	1.0904	1.7759	0.0000	5,897.204 6	5,897.204 6	0.7719	0.0000	5,916.502 1
2021	2.9682	21.9366	24.6885	0.0589	2.5609	0.9855	3.5463	0.6855	0.9264	1.6119	0.0000	5,823.834 8	5,823.834 8	0.7562	0.0000	5,842.740 2
2022	65.7992	19.8332	23.8973	0.0580	2.5609	0.8340	3.3949	0.6855	0.7845	1.4700	0.0000	5,735.723 0	5,735.723 0	0.7439	0.0000	5,754.319 9
<b>Maximum</b>	<b>65.7992</b>	<b>54.5694</b>	<b>33.9832</b>	<b>0.0637</b>	<b>8.8376</b>	<b>2.3838</b>	<b>11.2215</b>	<b>3.6401</b>	<b>2.1931</b>	<b>5.8332</b>	<b>0.0000</b>	<b>6,303.959 1</b>	<b>6,303.959 1</b>	<b>1.9474</b>	<b>0.0000</b>	<b>6,352.643 7</b>



Camino Ruiz Apartment Community - Ventura County, Summer

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	10.2953	0.3672	31.8526	1.6800e-003		0.1763	0.1763		0.1763	0.1763	0.0000	57.3412	57.3412	0.0551	0.0000	58.7197
Energy	0.1303	1.1137	0.4739	7.1100e-003		0.0900	0.0900		0.0900	0.0900		1,421.7565	1,421.7565	0.0273	0.0261	1,430.2053
Mobile	3.0603	10.4389	37.4017	0.1408	13.5453	0.1025	13.6478	3.6173	0.0952	3.7125		14,274.7015	14,274.7015	0.5320		14,288.0016
<b>Total</b>	<b>13.4859</b>	<b>11.9197</b>	<b>69.7282</b>	<b>0.1496</b>	<b>13.5453</b>	<b>0.3688</b>	<b>13.9141</b>	<b>3.6173</b>	<b>0.3615</b>	<b>3.9788</b>	<b>0.0000</b>	<b>15,753.7992</b>	<b>15,753.7992</b>	<b>0.6144</b>	<b>0.0261</b>	<b>15,776.9265</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	10.2953	0.3672	31.8526	1.6800e-003		0.1763	0.1763		0.1763	0.1763	0.0000	57.3412	57.3412	0.0551	0.0000	58.7197
Energy	0.1202	1.0273	0.4371	6.5600e-003		0.0831	0.0831		0.0831	0.0831		1,311.4347	1,311.4347	0.0251	0.0240	1,319.2279
Mobile	3.0603	10.4389	37.4017	0.1408	13.5453	0.1025	13.6478	3.6173	0.0952	3.7125		14,274.7015	14,274.7015	0.5320		14,288.0016
<b>Total</b>	<b>13.4758</b>	<b>11.8333</b>	<b>69.6915</b>	<b>0.1491</b>	<b>13.5453</b>	<b>0.3618</b>	<b>13.9071</b>	<b>3.6173</b>	<b>0.3545</b>	<b>3.9718</b>	<b>0.0000</b>	<b>15,643.4774</b>	<b>15,643.4774</b>	<b>0.6123</b>	<b>0.0240</b>	<b>15,665.9491</b>

## Camino Ruiz Apartment Community - Ventura 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	N20	CO2e
Percent Reduction	0.08	0.73	0.05	0.37	0.00	1.89	0.05	0.00	1.93	0.18	0.00	0.70	0.70	0.34	7.79	0.70

### 3.0 Construction Detail

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#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	11/4/2019	12/13/2019	5	30	
2	Building Construction	Building Construction	12/16/2019	8/19/2022	5	700	
3	Paving	Paving	8/22/2022	9/16/2022	5	20	
4	Architectural Coating	Architectural Coating	9/19/2022	12/9/2022	5	60	

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

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

**Acres of Paving: 0**

**Residential Indoor: 781,650; Residential Outdoor: 260,550; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)**

#### OffRoad Equipment

Camino Ruiz Apartment Community - Ventura County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Grading	Excavators	2	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	2	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
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	2	8.00	97	0.37
Paving	Paving Equipment	2	8.00	132	0.36
Grading	Scrapers	2	8.00	367	0.48
Building Construction	Welders	1	8.00	46	0.45

**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
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	278.00	41.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	56.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**



Camino Ruiz Apartment Community - Ventura County, Summer

**3.2 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					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.7389	54.5202	33.3768	0.0620		2.3827	2.3827		2.1920	2.1920		6,140.0195	6,140.0195	1.9426		6,188.5854
<b>Total</b>	<b>4.7389</b>	<b>54.5202</b>	<b>33.3768</b>	<b>0.0620</b>	<b>8.6733</b>	<b>2.3827</b>	<b>11.0560</b>	<b>3.5965</b>	<b>2.1920</b>	<b>5.7885</b>		<b>6,140.0195</b>	<b>6,140.0195</b>	<b>1.9426</b>		<b>6,188.5854</b>

**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	0.0786	0.0492	0.6064	1.6500e-003	0.1643	1.1800e-003	0.1655	0.0436	1.0900e-003	0.0447		163.9396	163.9396	4.7500e-003		164.0582
<b>Total</b>	<b>0.0786</b>	<b>0.0492</b>	<b>0.6064</b>	<b>1.6500e-003</b>	<b>0.1643</b>	<b>1.1800e-003</b>	<b>0.1655</b>	<b>0.0436</b>	<b>1.0900e-003</b>	<b>0.0447</b>		<b>163.9396</b>	<b>163.9396</b>	<b>4.7500e-003</b>		<b>164.0582</b>

Camino Ruiz Apartment Community - Ventura County, Summer

**3.2 Grading - 2019**

**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					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.7389	54.5202	33.3768	0.0620		2.3827	2.3827		2.1920	2.1920	0.0000	6,140.0195	6,140.0195	1.9426		6,188.5854
<b>Total</b>	<b>4.7389</b>	<b>54.5202</b>	<b>33.3768</b>	<b>0.0620</b>	<b>8.6733</b>	<b>2.3827</b>	<b>11.0560</b>	<b>3.5965</b>	<b>2.1920</b>	<b>5.7885</b>	<b>0.0000</b>	<b>6,140.0195</b>	<b>6,140.0195</b>	<b>1.9426</b>		<b>6,188.5854</b>

**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	0.0786	0.0492	0.6064	1.6500e-003	0.1643	1.1800e-003	0.1655	0.0436	1.0900e-003	0.0447		163.9396	163.9396	4.7500e-003		164.0582
<b>Total</b>	<b>0.0786</b>	<b>0.0492</b>	<b>0.6064</b>	<b>1.6500e-003</b>	<b>0.1643</b>	<b>1.1800e-003</b>	<b>0.1655</b>	<b>0.0436</b>	<b>1.0900e-003</b>	<b>0.0447</b>		<b>163.9396</b>	<b>163.9396</b>	<b>4.7500e-003</b>		<b>164.0582</b>

Camino Ruiz Apartment Community - Ventura County, Summer

**3.3 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		2,591.580 2	2,591.580 2	0.6313		2,607.363 5
<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>2,591.580 2</b>	<b>2,591.580 2</b>	<b>0.6313</b>		<b>2,607.363 5</b>

**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	0.1670	4.8721	1.2545	0.0107	0.2771	0.0394	0.3165	0.0797	0.0377	0.1174		1,142.077 1	1,142.077 1	0.0960		1,144.477 2
Worker	1.0930	0.6835	8.4294	0.0229	2.2837	0.0165	2.3002	0.6057	0.0152	0.6209		2,278.760 2	2,278.760 2	0.0660		2,280.409 5
<b>Total</b>	<b>1.2600</b>	<b>5.5556</b>	<b>9.6839</b>	<b>0.0335</b>	<b>2.5608</b>	<b>0.0559</b>	<b>2.6167</b>	<b>0.6855</b>	<b>0.0528</b>	<b>0.7383</b>		<b>3,420.837 3</b>	<b>3,420.837 3</b>	<b>0.1620</b>		<b>3,424.886 7</b>

Camino Ruiz Apartment Community - Ventura County, Summer

**3.3 Building Construction - 2019**

**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	2,591.580 2	2,591.580 2	0.6313		2,607.363 5
<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>2,591.580 2</b>	<b>2,591.580 2</b>	<b>0.6313</b>		<b>2,607.363 5</b>

**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	0.1670	4.8721	1.2545	0.0107	0.2771	0.0394	0.3165	0.0797	0.0377	0.1174		1,142.077 1	1,142.077 1	0.0960		1,144.477 2
Worker	1.0930	0.6835	8.4294	0.0229	2.2837	0.0165	2.3002	0.6057	0.0152	0.6209		2,278.760 2	2,278.760 2	0.0660		2,280.409 5
<b>Total</b>	<b>1.2600</b>	<b>5.5556</b>	<b>9.6839</b>	<b>0.0335</b>	<b>2.5608</b>	<b>0.0559</b>	<b>2.6167</b>	<b>0.6855</b>	<b>0.0528</b>	<b>0.7383</b>		<b>3,420.837 3</b>	<b>3,420.837 3</b>	<b>0.1620</b>		<b>3,424.886 7</b>

Camino Ruiz Apartment Community - Ventura County, Summer

**3.3 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		2,553.063 1	2,553.063 1	0.6229		2,568.634 5
<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>2,553.063 1</b>	<b>2,553.063 1</b>	<b>0.6229</b>		<b>2,568.634 5</b>

**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	0.1373	4.3934	1.1226	0.0106	0.2771	0.0263	0.3035	0.0798	0.0252	0.1049		1,137.333 8	1,137.333 8	0.0901		1,139.587 2
Worker	1.0157	0.6102	7.6824	0.0222	2.2837	0.0161	2.2998	0.6057	0.0149	0.6206		2,206.807 8	2,206.807 8	0.0589		2,208.280 4
<b>Total</b>	<b>1.1530</b>	<b>5.0035</b>	<b>8.8050</b>	<b>0.0327</b>	<b>2.5608</b>	<b>0.0424</b>	<b>2.6033</b>	<b>0.6855</b>	<b>0.0400</b>	<b>0.7255</b>		<b>3,344.141 6</b>	<b>3,344.141 6</b>	<b>0.1491</b>		<b>3,347.867 6</b>

Camino Ruiz Apartment Community - Ventura County, Summer

**3.3 Building Construction - 2020**

**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	2,553.063 1	2,553.063 1	0.6229		2,568.634 5
<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>2,553.063 1</b>	<b>2,553.063 1</b>	<b>0.6229</b>		<b>2,568.634 5</b>

**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	0.1373	4.3934	1.1226	0.0106	0.2771	0.0263	0.3035	0.0798	0.0252	0.1049		1,137.333 8	1,137.333 8	0.0901		1,139.587 2
Worker	1.0157	0.6102	7.6824	0.0222	2.2837	0.0161	2.2998	0.6057	0.0149	0.6206		2,206.807 8	2,206.807 8	0.0589		2,208.280 4
<b>Total</b>	<b>1.1530</b>	<b>5.0035</b>	<b>8.8050</b>	<b>0.0327</b>	<b>2.5608</b>	<b>0.0424</b>	<b>2.6033</b>	<b>0.6855</b>	<b>0.0400</b>	<b>0.7255</b>		<b>3,344.141 6</b>	<b>3,344.141 6</b>	<b>0.1491</b>		<b>3,347.867 6</b>

Camino Ruiz Apartment Community - Ventura County, Summer

**3.3 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>

**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	0.1151	3.9548	1.0135	0.0105	0.2772	0.0110	0.2882	0.0798	0.0105	0.0903		1,129.9014	1,129.9014	0.0865		1,132.0637
Worker	0.9522	0.5497	7.0998	0.0215	2.2837	0.0158	2.2995	0.6057	0.0146	0.6203		2,140.5695	2,140.5695	0.0537		2,141.9122
<b>Total</b>	<b>1.0673</b>	<b>4.5045</b>	<b>8.1133</b>	<b>0.0320</b>	<b>2.5609</b>	<b>0.0268</b>	<b>2.5877</b>	<b>0.6855</b>	<b>0.0251</b>	<b>0.7106</b>		<b>3,270.4709</b>	<b>3,270.4709</b>	<b>0.1402</b>		<b>3,273.9759</b>

Camino Ruiz Apartment Community - Ventura County, Summer

**3.3 Building Construction - 2021**

**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>

**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	0.1151	3.9548	1.0135	0.0105	0.2772	0.0110	0.2882	0.0798	0.0105	0.0903		1,129.9014	1,129.9014	0.0865		1,132.0637
Worker	0.9522	0.5497	7.0998	0.0215	2.2837	0.0158	2.2995	0.6057	0.0146	0.6203		2,140.5695	2,140.5695	0.0537		2,141.9122
<b>Total</b>	<b>1.0673</b>	<b>4.5045</b>	<b>8.1133</b>	<b>0.0320</b>	<b>2.5609</b>	<b>0.0268</b>	<b>2.5877</b>	<b>0.6855</b>	<b>0.0251</b>	<b>0.7106</b>		<b>3,270.4709</b>	<b>3,270.4709</b>	<b>0.1402</b>		<b>3,273.9759</b>



Camino Ruiz Apartment Community - Ventura County, Summer

**3.3 Building Construction - 2022**

**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	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
<b>Total</b>	<b>1.7062</b>	<b>15.6156</b>	<b>16.3634</b>	<b>0.0269</b>		<b>0.8090</b>	<b>0.8090</b>		<b>0.7612</b>	<b>0.7612</b>		<b>2,554.3336</b>	<b>2,554.3336</b>	<b>0.6120</b>		<b>2,569.6322</b>

**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	0.1071	3.7214	0.9615	0.0104	0.2772	9.5100e-003	0.2867	0.0798	9.1000e-003	0.0889		1,119.5201	1,119.5201	0.0834		1,121.6039
Worker	0.8953	0.4961	6.5724	0.0207	2.2837	0.0154	2.2991	0.6057	0.0142	0.6200		2,061.8694	2,061.8694	0.0486		2,063.0838
<b>Total</b>	<b>1.0024</b>	<b>4.2175</b>	<b>7.5339</b>	<b>0.0311</b>	<b>2.5609</b>	<b>0.0249</b>	<b>2.5858</b>	<b>0.6855</b>	<b>0.0233</b>	<b>0.7088</b>		<b>3,181.3894</b>	<b>3,181.3894</b>	<b>0.1319</b>		<b>3,184.6877</b>

Camino Ruiz Apartment Community - Ventura County, Summer

**3.3 Building Construction - 2022**

**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	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
<b>Total</b>	<b>1.7062</b>	<b>15.6156</b>	<b>16.3634</b>	<b>0.0269</b>		<b>0.8090</b>	<b>0.8090</b>		<b>0.7612</b>	<b>0.7612</b>	<b>0.0000</b>	<b>2,554.3336</b>	<b>2,554.3336</b>	<b>0.6120</b>		<b>2,569.6322</b>

**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	0.1071	3.7214	0.9615	0.0104	0.2772	9.5100e-003	0.2867	0.0798	9.1000e-003	0.0889		1,119.5201	1,119.5201	0.0834		1,121.6039
Worker	0.8953	0.4961	6.5724	0.0207	2.2837	0.0154	2.2991	0.6057	0.0142	0.6200		2,061.8694	2,061.8694	0.0486		2,063.0838
<b>Total</b>	<b>1.0024</b>	<b>4.2175</b>	<b>7.5339</b>	<b>0.0311</b>	<b>2.5609</b>	<b>0.0249</b>	<b>2.5858</b>	<b>0.6855</b>	<b>0.0233</b>	<b>0.7088</b>		<b>3,181.3894</b>	<b>3,181.3894</b>	<b>0.1319</b>		<b>3,184.6877</b>

Camino Ruiz Apartment Community - Ventura County, Summer

**3.4 Paving - 2022**

**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	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.1028</b>	<b>11.1249</b>	<b>14.5805</b>	<b>0.0228</b>		<b>0.5679</b>	<b>0.5679</b>		<b>0.5225</b>	<b>0.5225</b>		<b>2,207.6603</b>	<b>2,207.6603</b>	<b>0.7140</b>		<b>2,225.5104</b>

**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	0.0483	0.0268	0.3546	1.1200e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		111.2519	111.2519	2.6200e-003		111.3175
<b>Total</b>	<b>0.0483</b>	<b>0.0268</b>	<b>0.3546</b>	<b>1.1200e-003</b>	<b>0.1232</b>	<b>8.3000e-004</b>	<b>0.1241</b>	<b>0.0327</b>	<b>7.7000e-004</b>	<b>0.0335</b>		<b>111.2519</b>	<b>111.2519</b>	<b>2.6200e-003</b>		<b>111.3175</b>

Camino Ruiz Apartment Community - Ventura County, Summer

**3.4 Paving - 2022**

**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	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.1028</b>	<b>11.1249</b>	<b>14.5805</b>	<b>0.0228</b>		<b>0.5679</b>	<b>0.5679</b>		<b>0.5225</b>	<b>0.5225</b>	<b>0.0000</b>	<b>2,207.6603</b>	<b>2,207.6603</b>	<b>0.7140</b>		<b>2,225.5104</b>

**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	0.0483	0.0268	0.3546	1.1200e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		111.2519	111.2519	2.6200e-003		111.3175
<b>Total</b>	<b>0.0483</b>	<b>0.0268</b>	<b>0.3546</b>	<b>1.1200e-003</b>	<b>0.1232</b>	<b>8.3000e-004</b>	<b>0.1241</b>	<b>0.0327</b>	<b>7.7000e-004</b>	<b>0.0335</b>		<b>111.2519</b>	<b>111.2519</b>	<b>2.6200e-003</b>		<b>111.3175</b>

Camino Ruiz Apartment Community - Ventura County, Summer

**3.5 Architectural Coating - 2022**

**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	65.4143					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
<b>Total</b>	<b>65.6189</b>	<b>1.4085</b>	<b>1.8136</b>	<b>2.9700e-003</b>		<b>0.0817</b>	<b>0.0817</b>		<b>0.0817</b>	<b>0.0817</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0183</b>		<b>281.9062</b>

**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	0.1803	0.0999	1.3239	4.1700e-003	0.4600	3.1100e-003	0.4631	0.1220	2.8600e-003	0.1249		415.3406	415.3406	9.7900e-003		415.5852
<b>Total</b>	<b>0.1803</b>	<b>0.0999</b>	<b>1.3239</b>	<b>4.1700e-003</b>	<b>0.4600</b>	<b>3.1100e-003</b>	<b>0.4631</b>	<b>0.1220</b>	<b>2.8600e-003</b>	<b>0.1249</b>		<b>415.3406</b>	<b>415.3406</b>	<b>9.7900e-003</b>		<b>415.5852</b>

Camino Ruiz Apartment Community - Ventura County, Summer

**3.5 Architectural Coating - 2022**

**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	65.4143					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
<b>Total</b>	<b>65.6189</b>	<b>1.4085</b>	<b>1.8136</b>	<b>2.9700e-003</b>		<b>0.0817</b>	<b>0.0817</b>		<b>0.0817</b>	<b>0.0817</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0183</b>		<b>281.9062</b>

**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	0.1803	0.0999	1.3239	4.1700e-003	0.4600	3.1100e-003	0.4631	0.1220	2.8600e-003	0.1249		415.3406	415.3406	9.7900e-003		415.5852
<b>Total</b>	<b>0.1803</b>	<b>0.0999</b>	<b>1.3239</b>	<b>4.1700e-003</b>	<b>0.4600</b>	<b>3.1100e-003</b>	<b>0.4631</b>	<b>0.1220</b>	<b>2.8600e-003</b>	<b>0.1249</b>		<b>415.3406</b>	<b>415.3406</b>	<b>9.7900e-003</b>		<b>415.5852</b>

**4.0 Operational Detail - Mobile**

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Camino Ruiz Apartment Community - Ventura County, Summer

**4.1 Mitigation Measures Mobile**

	ROG	NOx	CO	SO2	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	3.0603	10.4389	37.4017	0.1408	13.5453	0.1025	13.6478	3.6173	0.0952	3.7125		14,274.70 15	14,274.70 15	0.5320		14,288.00 16
Unmitigated	3.0603	10.4389	37.4017	0.1408	13.5453	0.1025	13.6478	3.6173	0.0952	3.7125		14,274.70 15	14,274.70 15	0.5320		14,288.00 16

**4.2 Trip Summary Information**

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	2,316.00	2,316.00	1930.00	6,246,912	6,246,912
Total	2,316.00	2,316.00	1,930.00	6,246,912	6,246,912

**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
Apartments Mid Rise	10.80	7.30	7.50	32.90	18.00	49.10	86	11	3

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.593330	0.040945	0.188012	0.107577	0.017981	0.006204	0.019981	0.018142	0.001176	0.001026	0.003857	0.000384	0.001386

Camino Ruiz Apartment Community - Ventura County, Summer

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

Exceed Title 24

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	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	0.1202	1.0273	0.4371	6.5600e-003		0.0831	0.0831		0.0831	0.0831		1,311.4347	1,311.4347	0.0251	0.0240	1,319.2279
NaturalGas Unmitigated	0.1303	1.1137	0.4739	7.1100e-003		0.0900	0.0900		0.0900	0.0900		1,421.7565	1,421.7565	0.0273	0.0261	1,430.2053



Camino Ruiz Apartment Community - Ventura 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					
Apartments Mid Rise	12084.9	0.1303	1.1137	0.4739	7.1100e-003		0.0900	0.0900		0.0900	0.0900		1,421.7565	1,421.7565	0.0273	0.0261	1,430.2053
<b>Total</b>		<b>0.1303</b>	<b>1.1137</b>	<b>0.4739</b>	<b>7.1100e-003</b>		<b>0.0900</b>	<b>0.0900</b>		<b>0.0900</b>	<b>0.0900</b>		<b>1,421.7565</b>	<b>1,421.7565</b>	<b>0.0273</b>	<b>0.0261</b>	<b>1,430.2053</b>

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	11.1472	0.1202	1.0273	0.4371	6.5600e-003		0.0831	0.0831		0.0831	0.0831		1,311.4347	1,311.4347	0.0251	0.0240	1,319.2279
<b>Total</b>		<b>0.1202</b>	<b>1.0273</b>	<b>0.4371</b>	<b>6.5600e-003</b>		<b>0.0831</b>	<b>0.0831</b>		<b>0.0831</b>	<b>0.0831</b>		<b>1,311.4347</b>	<b>1,311.4347</b>	<b>0.0251</b>	<b>0.0240</b>	<b>1,319.2279</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

Camino Ruiz Apartment Community - Ventura 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	10.2953	0.3672	31.8526	1.6800e-003		0.1763	0.1763		0.1763	0.1763	0.0000	57.3412	57.3412	0.0551	0.0000	58.7197
Unmitigated	10.2953	0.3672	31.8526	1.6800e-003		0.1763	0.1763		0.1763	0.1763	0.0000	57.3412	57.3412	0.0551	0.0000	58.7197

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	1.0753					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	8.2604					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.9596	0.3672	31.8526	1.6800e-003		0.1763	0.1763		0.1763	0.1763		57.3412	57.3412	0.0551		58.7197
<b>Total</b>	<b>10.2953</b>	<b>0.3672</b>	<b>31.8526</b>	<b>1.6800e-003</b>		<b>0.1763</b>	<b>0.1763</b>		<b>0.1763</b>	<b>0.1763</b>	<b>0.0000</b>	<b>57.3412</b>	<b>57.3412</b>	<b>0.0551</b>	<b>0.0000</b>	<b>58.7197</b>

Camino Ruiz Apartment Community - Ventura 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	1.0753					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	8.2604					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.9596	0.3672	31.8526	1.6800e-003		0.1763	0.1763		0.1763	0.1763		57.3412	57.3412	0.0551		58.7197
<b>Total</b>	<b>10.2953</b>	<b>0.3672</b>	<b>31.8526</b>	<b>1.6800e-003</b>		<b>0.1763</b>	<b>0.1763</b>		<b>0.1763</b>	<b>0.1763</b>	<b>0.0000</b>	<b>57.3412</b>	<b>57.3412</b>	<b>0.0551</b>	<b>0.0000</b>	<b>58.7197</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

- Institute Recycling and Composting Services

## Camino Ruiz Apartment Community - Ventura County, Summer

**9.0 Operational Offroad**

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

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**Fire Pumps and Emergency Generators**

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

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

Equipment Type	Number
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**11.0 Vegetation**

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