

APPENDIX A -
AIR QUALITY ANALYSIS
CALCULATION DATA

Camarillo Conference Hotels - Ventura County, Summer

Camarillo Conference Hotels
Ventura County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hotel	275.00	Room	7.40	234,778.00	0
Parking Lot	668.00	Space	6.01	267,200.00	0
Fast Food Restaurant w/o Drive Thru	3.10	1000sqft	0.07	3,100.00	0
High Turnover (Sit Down Restaurant)	12.40	1000sqft	0.28	12,400.00	0
Strip Mall	10.45	1000sqft	0.24	10,450.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	31
Climate Zone	8			Operational Year	2020
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	702.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Camarillo Conference Hotels - Ventura County, Summer

Project Characteristics -

Land Use - The hotel use includes the 17,500 SF of conference facility space.

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

Grading - Default acreage for grading changed to 12.

Vehicle Trips - Default trip generation rates changed to be consistent with project traffic report (see attached sheet).

Area Coating - Assumes architectural coatings that comply VCAPCD rules and regulations.

Water And Wastewater - Assumes a total of 10,997,551.7 gallons of water per year per City calculations.

Sequestration - Assumes 130 new trees per project landscape plans.

Construction Off-road Equipment Mitigation -

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.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	75
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	0
tblConstructionPhase	PhaseEndDate	9/2/2018	12/28/2019
tblConstructionPhase	PhaseEndDate	9/2/2018	11/2/2019
tblConstructionPhase	PhaseEndDate	9/2/2018	10/13/2018
tblConstructionPhase	PhaseEndDate	9/2/2018	11/9/2019
tblConstructionPhase	PhaseStartDate	9/3/2018	11/11/2019
tblConstructionPhase	PhaseStartDate	9/3/2018	10/15/2018
tblConstructionPhase	PhaseStartDate	9/3/2018	11/4/2019
tblGrading	AcresOfGrading	75.00	12.00
tblLandUse	BuildingSpaceSquareFeet	399,300.00	234,778.00
tblLandUse	LandUseSquareFeet	399,300.00	234,778.00

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tblLandUse	LotAcreage	9.17	7.40
tblProjectCharacteristics	OperationalYear	2018	2020
tblSequestration	NumberOfNewTrees	0.00	130.00
tblVehicleTrips	ST_TR	696.00	458.16
tblVehicleTrips	ST_TR	158.37	150.48
tblVehicleTrips	ST_TR	8.19	9.64
tblVehicleTrips	ST_TR	42.04	39.93
tblVehicleTrips	SU_TR	500.00	329.14
tblVehicleTrips	SU_TR	131.84	125.28
tblVehicleTrips	SU_TR	5.95	7.00
tblVehicleTrips	SU_TR	20.43	19.40
tblVehicleTrips	WD_TR	716.00	471.32
tblVehicleTrips	WD_TR	127.15	120.82
tblVehicleTrips	WD_TR	8.17	9.61
tblVehicleTrips	WD_TR	44.32	42.09
tblWater	IndoorWaterUseRate	940,954.51	0.00
tblWater	IndoorWaterUseRate	3,763,818.03	0.00
tblWater	IndoorWaterUseRate	6,975,861.75	10,997,551.70
tblWater	IndoorWaterUseRate	774,057.85	0.00
tblWater	OutdoorWaterUseRate	60,060.93	0.00
tblWater	OutdoorWaterUseRate	240,243.70	0.00
tblWater	OutdoorWaterUseRate	775,095.75	0.00
tblWater	OutdoorWaterUseRate	474,422.55	0.00

2.0 Emissions Summary

Camarillo Conference Hotels - 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	6.2725	9.2000e-004	0.0996	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2121	0.2121	5.7000e-004		0.2263
Energy	0.3581	3.2556	2.7347	0.0195		0.2474	0.2474		0.2474	0.2474		3,906.6962	3,906.6962	0.0749	0.0716	3,929.9117
Mobile	9.3251	31.0645	87.3191	0.2580	21.6674	0.2731	21.9404	5.7870	0.2560	6.0430		26,081.6015	26,081.6015	1.2130		26,111.9274
Total	15.9558	34.3210	90.1534	0.2775	21.6674	0.5208	22.1882	5.7870	0.5038	6.2908		29,988.5097	29,988.5097	1.2885	0.0716	30,042.0654

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	6.2725	9.2000e-004	0.0996	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2121	0.2121	5.7000e-004		0.2263
Energy	0.3222	2.9293	2.4606	0.0176		0.2226	0.2226		0.2226	0.2226		3,515.1410	3,515.1410	0.0674	0.0644	3,536.0298
Mobile	9.3251	31.0645	87.3191	0.2580	21.6674	0.2731	21.9404	5.7870	0.2560	6.0430		26,081.6015	26,081.6015	1.2130		26,111.9274
Total	15.9199	33.9947	89.8793	0.2756	21.6674	0.4961	22.1634	5.7870	0.4790	6.2660		29,596.9546	29,596.9546	1.2810	0.0644	29,648.1834

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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	0.22	0.95	0.30	0.70	0.00	4.76	0.11	0.00	4.92	0.39	0.00	1.31	1.31	0.58	10.03	1.31

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	9/3/2018	10/13/2018	5	30	
2	Building Construction	Building Construction	10/15/2018	11/2/2019	5	300	
3	Paving	Paving	11/4/2019	11/9/2019	5	20	
4	Architectural Coating	Architectural Coating	11/11/2019	12/28/2019	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 12

Acres of Paving: 6.01

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 391,092; Non-Residential Outdoor: 130,364; Striped Parking Area: 16,032 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
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
Architectural Coating	1	44.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	221.00	87.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	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

3.1 Mitigation Measures Construction

Water Exposed Area

Clean Paved Roads

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3.2 Grading - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.4463	0.0000	6.4463	3.3560	0.0000	3.3560			0.0000			0.0000
Off-Road	5.0901	59.5218	35.0894	0.0620		2.6337	2.6337		2.4230	2.4230		6,244.428 4	6,244.428 4	1.9440		6,293.027 8
Total	5.0901	59.5218	35.0894	0.0620	6.4463	2.6337	9.0800	3.3560	2.4230	5.7791		6,244.428 4	6,244.428 4	1.9440		6,293.027 8

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	0.0857	0.0556	0.6727	1.6900e-003	0.1643	1.1900e-003	0.1655	0.0436	1.1000e-003	0.0447		168.4984	168.4984	5.2900e-003		168.6306
Total	0.0857	0.0556	0.6727	1.6900e-003	0.1643	1.1900e-003	0.1655	0.0436	1.1000e-003	0.0447		168.4984	168.4984	5.2900e-003		168.6306

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3.2 Grading - 2018

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					2.5141	0.0000	2.5141	1.3089	0.0000	1.3089			0.0000			0.0000
Off-Road	5.0901	59.5218	35.0894	0.0620		2.6337	2.6337		2.4230	2.4230	0.0000	6,244.4284	6,244.4284	1.9440		6,293.0278
Total	5.0901	59.5218	35.0894	0.0620	2.5141	2.6337	5.1478	1.3089	2.4230	3.7319	0.0000	6,244.4284	6,244.4284	1.9440		6,293.0278

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	0.0857	0.0556	0.6727	1.6900e-003	0.1643	1.1900e-003	0.1655	0.0436	1.1000e-003	0.0447		168.4984	168.4984	5.2900e-003		168.6306
Total	0.0857	0.0556	0.6727	1.6900e-003	0.1643	1.1900e-003	0.1655	0.0436	1.1000e-003	0.0447		168.4984	168.4984	5.2900e-003		168.6306

Camarillo Conference Hotels - Ventura County, Summer

3.3 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099		2,620.935 1	2,620.935 1	0.6421		2,636.988 3
Total	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099		2,620.935 1	2,620.935 1	0.6421		2,636.988 3

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	0.3888	10.9690	2.8757	0.0227	0.5880	0.0972	0.6852	0.1692	0.0930	0.2622		2,435.005 1	2,435.005 1	0.2109		2,440.276 4
Worker	0.9466	0.6141	7.4328	0.0187	1.8155	0.0132	1.8286	0.4816	0.0121	0.4937		1,861.907 2	1,861.907 2	0.0584		1,863.367 7
Total	1.3355	11.5831	10.3085	0.0415	2.4035	0.1104	2.5139	0.6507	0.1052	0.7559		4,296.912 4	4,296.912 4	0.2693		4,303.644 0

Camarillo Conference Hotels - Ventura County, Summer

3.3 Building Construction - 2018

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	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099	0.0000	2,620.935 1	2,620.935 1	0.6421		2,636.988 3
Total	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099	0.0000	2,620.935 1	2,620.935 1	0.6421		2,636.988 3

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	0.3888	10.9690	2.8757	0.0227	0.5880	0.0972	0.6852	0.1692	0.0930	0.2622		2,435.005 1	2,435.005 1	0.2109		2,440.276 4
Worker	0.9466	0.6141	7.4328	0.0187	1.8155	0.0132	1.8286	0.4816	0.0121	0.4937		1,861.907 2	1,861.907 2	0.0584		1,863.367 7
Total	1.3355	11.5831	10.3085	0.0415	2.4035	0.1104	2.5139	0.6507	0.1052	0.7559		4,296.912 4	4,296.912 4	0.2693		4,303.644 0

Camarillo Conference Hotels - 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		2,591.5802	2,591.5802	0.6313		2,607.3635
Total	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127		2,591.5802	2,591.5802	0.6313		2,607.3635

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	0.3544	10.3384	2.6620	0.0226	0.5880	0.0836	0.6716	0.1692	0.0800	0.2492		2,423.4318	2,423.4318	0.2037		2,428.5247
Worker	0.8689	0.5434	6.7011	0.0182	1.8155	0.0131	1.8285	0.4816	0.0121	0.4936		1,811.5324	1,811.5324	0.0525		1,812.8435
Total	1.2233	10.8817	9.3631	0.0408	2.4035	0.0967	2.5002	0.6508	0.0920	0.7428		4,234.9642	4,234.9642	0.2562		4,241.3682

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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
Total	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

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	0.3544	10.3384	2.6620	0.0226	0.5880	0.0836	0.6716	0.1692	0.0800	0.2492		2,423.431 8	2,423.431 8	0.2037		2,428.524 7
Worker	0.8689	0.5434	6.7011	0.0182	1.8155	0.0131	1.8285	0.4816	0.0121	0.4936		1,811.532 4	1,811.532 4	0.0525		1,812.843 5
Total	1.2233	10.8817	9.3631	0.0408	2.4035	0.0967	2.5002	0.6508	0.0920	0.7428		4,234.964 2	4,234.964 2	0.2562		4,241.368 2

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3.4 Paving - 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	1.4544	15.2441	14.6648	0.0228		0.8246	0.8246		0.7586	0.7586		2,257.0025	2,257.0025	0.7141		2,274.8548
Paving	0.7873					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.2417	15.2441	14.6648	0.0228		0.8246	0.8246		0.7586	0.7586		2,257.0025	2,257.0025	0.7141		2,274.8548

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	0.0590	0.0369	0.4548	1.2300e-003	0.1232	8.9000e-004	0.1241	0.0327	8.2000e-004	0.0335		122.9547	122.9547	3.5600e-003		123.0437
Total	0.0590	0.0369	0.4548	1.2300e-003	0.1232	8.9000e-004	0.1241	0.0327	8.2000e-004	0.0335		122.9547	122.9547	3.5600e-003		123.0437

Camarillo Conference Hotels - Ventura County, Summer

3.4 Paving - 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	1.4544	15.2441	14.6648	0.0228		0.8246	0.8246		0.7586	0.7586	0.0000	2,257.0025	2,257.0025	0.7141		2,274.8548
Paving	0.7873					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.2417	15.2441	14.6648	0.0228		0.8246	0.8246		0.7586	0.7586	0.0000	2,257.0025	2,257.0025	0.7141		2,274.8548

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	0.0590	0.0369	0.4548	1.2300e-003	0.1232	8.9000e-004	0.1241	0.0327	8.2000e-004	0.0335		122.9547	122.9547	3.5600e-003		123.0437
Total	0.0590	0.0369	0.4548	1.2300e-003	0.1232	8.9000e-004	0.1241	0.0327	8.2000e-004	0.0335		122.9547	122.9547	3.5600e-003		123.0437

Camarillo Conference Hotels - Ventura County, Summer

3.5 Architectural Coating - 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					
Archit. Coating	311.4071					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423
Total	311.6736	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423

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	0.1730	0.1082	1.3342	3.6200e-003	0.3615	2.6000e-003	0.3641	0.0959	2.4000e-003	0.0983		360.6671	360.6671	0.0104		360.9281
Total	0.1730	0.1082	1.3342	3.6200e-003	0.3615	2.6000e-003	0.3641	0.0959	2.4000e-003	0.0983		360.6671	360.6671	0.0104		360.9281

Camarillo Conference Hotels - Ventura County, Summer

3.5 Architectural Coating - 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					
Archit. Coating	311.4071					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		282.0423
Total	311.6736	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		282.0423

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	0.1730	0.1082	1.3342	3.6200e-003	0.3615	2.6000e-003	0.3641	0.0959	2.4000e-003	0.0983		360.6671	360.6671	0.0104		360.9281
Total	0.1730	0.1082	1.3342	3.6200e-003	0.3615	2.6000e-003	0.3641	0.0959	2.4000e-003	0.0983		360.6671	360.6671	0.0104		360.9281

4.0 Operational Detail - Mobile

Camarillo Conference Hotels - 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	9.3251	31.0645	87.3191	0.2580	21.6674	0.2731	21.9404	5.7870	0.2560	6.0430		26,081.60 15	26,081.60 15	1.2130		26,111.92 74
Unmitigated	9.3251	31.0645	87.3191	0.2580	21.6674	0.2731	21.9404	5.7870	0.2560	6.0430		26,081.60 15	26,081.60 15	1.2130		26,111.92 74

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Fast Food Restaurant w/o Drive Thru	1,461.09	1,420.30	1020.33	2,245,176	2,245,176
High Turnover (Sit Down Restaurant)	1,498.17	1,865.95	1553.47	1,808,399	1,808,399
Hotel	2,642.75	2,651.00	1925.00	4,828,470	4,828,470
Parking Lot	0.00	0.00	0.00		
Strip Mall	439.84	417.27	202.73	620,238	620,238
Total	6,041.85	6,354.52	4,701.54	9,502,283	9,502,283

4.3 Trip Type Information

Camarillo Conference Hotels - Ventura County, Summer

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
Fast Food Restaurant w/o Drive	9.50	7.30	7.30	1.50	79.50	19.00	51	37	12
High Turnover (Sit Down	9.50	7.30	7.30	8.50	72.50	19.00	37	20	43
Hotel	9.50	7.30	7.30	19.40	61.60	19.00	58	38	4
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Hotel	0.577012	0.042942	0.189872	0.117495	0.021422	0.006664	0.019052	0.017336	0.001134	0.000976	0.004002	0.000371	0.001721
Parking Lot	0.577012	0.042942	0.189872	0.117495	0.021422	0.006664	0.019052	0.017336	0.001134	0.000976	0.004002	0.000371	0.001721
Fast Food Restaurant w/o Drive Thru	0.577012	0.042942	0.189872	0.117495	0.021422	0.006664	0.019052	0.017336	0.001134	0.000976	0.004002	0.000371	0.001721
High Turnover (Sit Down Restaurant)	0.577012	0.042942	0.189872	0.117495	0.021422	0.006664	0.019052	0.017336	0.001134	0.000976	0.004002	0.000371	0.001721
Strip Mall	0.577012	0.042942	0.189872	0.117495	0.021422	0.006664	0.019052	0.017336	0.001134	0.000976	0.004002	0.000371	0.001721

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Camarillo Conference Hotels - 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					
NaturalGas Mitigated	0.3222	2.9293	2.4606	0.0176		0.2226	0.2226		0.2226	0.2226		3,515.1410	3,515.1410	0.0674	0.0644	3,536.0298
NaturalGas Unmitigated	0.3581	3.2556	2.7347	0.0195		0.2474	0.2474		0.2474	0.2474		3,906.6962	3,906.6962	0.0749	0.0716	3,929.9117

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					
Fast Food Restaurant w/o Drive Thru	2205.76	0.0238	0.2163	0.1817	1.3000e-003		0.0164	0.0164		0.0164	0.0164		259.5007	259.5007	4.9700e-003	4.7600e-003	261.0428
High Turnover (Sit Down Restaurant)	8823.02	0.0952	0.8650	0.7266	5.1900e-003		0.0657	0.0657		0.0657	0.0657		1,038.0029	1,038.0029	0.0199	0.0190	1,044.1712
Hotel	22120.6	0.2386	2.1687	1.8217	0.0130		0.1648	0.1648		0.1648	0.1648		2,602.4224	2,602.4224	0.0499	0.0477	2,617.8873
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	57.5466	6.2000e-004	5.6400e-003	4.7400e-003	3.0000e-005		4.3000e-004	4.3000e-004		4.3000e-004	4.3000e-004		6.7702	6.7702	1.3000e-004	1.2000e-004	6.8104
Total		0.3581	3.2556	2.7347	0.0195		0.2474	0.2474		0.2474	0.2474		3,906.6962	3,906.6962	0.0749	0.0716	3,929.9117

Camarillo Conference Hotels - Ventura 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					
Fast Food Restaurant w/o Drive Thru	2.10518	0.0227	0.2064	0.1734	1.2400e-003		0.0157	0.0157		0.0157	0.0157		247.6678	247.6678	4.7500e-003	4.5400e-003	249.1395
High Turnover (Sit Down Restaurant)	8.4207	0.0908	0.8256	0.6935	4.9500e-003		0.0627	0.0627		0.0627	0.0627		990.6711	990.6711	0.0190	0.0182	996.5581
Hotel	19.2994	0.2081	1.8921	1.5894	0.0114		0.1438	0.1438		0.1438	0.1438		2,270.5170	2,270.5170	0.0435	0.0416	2,284.0096
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.0534238	5.8000e-004	5.2400e-003	4.4000e-003	3.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004		6.2852	6.2852	1.2000e-004	1.2000e-004	6.3225
Total		0.3222	2.9293	2.4606	0.0176		0.2226	0.2226		0.2226	0.2226		3,515.1410	3,515.1410	0.0674	0.0645	3,536.0298

6.0 Area Detail

6.1 Mitigation Measures Area

Camarillo Conference Hotels - 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	6.2725	9.2000e-004	0.0996	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2121	0.2121	5.7000e-004		0.2263
Unmitigated	6.2725	9.2000e-004	0.0996	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2121	0.2121	5.7000e-004		0.2263

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	0.5889					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	5.6742					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.3700e-003	9.2000e-004	0.0996	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2121	0.2121	5.7000e-004		0.2263
Total	6.2725	9.2000e-004	0.0996	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2121	0.2121	5.7000e-004		0.2263

Camarillo Conference Hotels - 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	0.5889					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	5.6742					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.3700e-003	9.2000e-004	0.0996	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2121	0.2121	5.7000e-004		0.2263
Total	6.2725	9.2000e-004	0.0996	1.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004		0.2121	0.2121	5.7000e-004		0.2263

7.0 Water Detail

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

8.1 Mitigation Measures Waste

- Institute Recycling and Composting Services

9.0 Operational Offroad

Camarillo Conference Hotels - Ventura County, Summer

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

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
