Appendix A CalEEMod Air Quality Data

tblProjectCharacteristics

ProjectName	LocationScope	EMFAC_ID	WindSpeed
888 Sepulveda Hotel Project - El Segundo	AD	SCAQMD	2.2

PrecipitationFrequency	ClimateZone	UrbanizationLevel	OperationalYear
31	8	Urban	2015

UtilityCompany	CO2IntensityFactor	CH4IntensityFactor	N2OIntensityFactor
Southern California Edison	630.89	0.029	0.006

TotalPopulation	TotalLotAcreage	UsingHistoricalEnergyUseData
0	1.52	0

tblPollutants

PollutantSelection	PollutantFullName	PollutantName
1	Reactive Organic Gases (ROG)	ROG
1	Nitrogen Oxides (NOx)	NOX
1	Carbon Monoxide (CO)	CO
1	Sulfur Dioxide (SO2)	SO2
1	Particulate Matter 10um (PM10)	PM10
1	Particulate Matter 2.5um (PM2.5)	PM2_5
1	Fugitive PM10um (PM10)	PM10_FUG
1	Fugitive PM2.5um (PM2.5)	PM25_FUG
1	Biogenic Carbon Dioxide (CO2)	CO2_BIO
1	Non-Biogenic Carbon Dioxide (CO2)	CO2_NBIO
1	Carbon Dioxide (CO2)	CO2
1	Methane (CH4)	CH4
1	Nitrous Oxide (N2O)	N2O
1	CO2 Equivalent GHGs (CO2e)	CO2E

tblLandUse

LandUseType	LandUseSubType	LandUseUnitAmount	LandUseSizeMetric
Recreational	Hotel	190	Room

LotAcreage	LandUseSquareFeet	Population
1.52	111350	0

tblConstructionPhase

PhaseNumber	PhaseName	PhaseType	PhaseStartDate
1	Site Preparation	Site Preparation	2014/03/03
2	Grading	Grading	2014/03/24
3	Building Construction	Building Construction	2014/04/15
4	Paving	Paving	2014/11/10
5	Architectural Coating	Architectural Coating	2015/03/23

PhaseEndDate	NumDaysWeek	NumDays	PhaseDescription
2014/03/21	5	15	
2014/04/14	5	16	
2015/03/20	5	244	
2015/02/20	5	75	
2015/05/08	5	35	

tblOffRoadEquipment

PhaseName	OffRoadEquipmentType	OffRoadEquipmentUnitAmount	UsageHours	HorsePower	LoadFactor
Site Preparation	Graders	1	8	174	0.41
Site Preparation	Rubber Tired Dozers	1	7	255	0.4
Site Preparation	Tractors/Loaders/Backhoes	1	8	97	0.37
Grading	Graders	1	6	174	0.41
Grading	Rubber Tired Dozers	1	6	255	0.4
Grading	Tractors/Loaders/Backhoes	1	7	97	0.37
Building Construction	Cranes	1	6	226	0.29
Building Construction	Forklifts	1	6	89	0.2
Building Construction	Generator Sets	1	8	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6	97	0.37
Building Construction	Welders	3	8	46	0.45
Paving	Cement and Mortar Mixers	1	6	9	0.56
Paving	Pavers	1	6	125	0.42
Paving	Paving Equipment	1	8	130	0.36
Paving	Rollers	1	7	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8	97	0.37
Architectural Coating	Air Compressors	1	6	78	0.48

tblTripsAndVMT

PhaseName	WorkerTripNumber	VendorTripNumber	HaulingTripNumber
Site Preparation	8	0	0
Grading	8	0	925
Building Construction	47	18	0
Paving	13	0	0
Architectural Coating	9	0	0

WorkerTripLength	VendorTripLength	HaulingTripLength
14.7	6.9	20
14.7	6.9	10
14.7	6.9	20
14.7	6.9	20
14.7	6.9	20

WorkerVehicleClass	VendorVehicleClass	HaulingVehicleClass
LD_Mix	HDT_Mix	HHDT
LD_Mix	HDT_Mix	HHDT
LD_Mix	HDT_Mix	HHDT
LD_Mix	HDT_Mix	HHDT
LD_Mix	HDT_Mix	HHDT

tblOnRoadDust

PhaseName	WorkerPercentPave	VendorPercentPave	HaulingPercentPave	RoadSiltLoading	MaterialSiltContent	MaterialMoistureContent	AverageVehicleWeight	MeanVehicleSpeed
Site Preparation	100	100	100	0.1	8.5	0.5	2.4	40
Grading	100	100	100	0.1	8.5	0.5	2.4	40
Building Construction	100	100	100	0.1	8.5	0.5	2.4	40
Paving	100	100	100	0.1	8.5	0.5	2.4	40
Architectural Coating	100	100	100	0.1	8.5	0.5	2.4	40

tblDemolition

PhaseName	DemolitionSizeMetric	DemolitionUnitAmount

tblGrading

PhaseName	MaterialImported	MaterialExported	GradingSizeMetric
Site Preparation	0	0	
Grading	7100	300	Cubic Yards

ImportExportPhased	MeanVehicleSpeed	AcresOfGrading	MaterialMoistureContentBulldozing
0	7.1	1	7.9
0	7.1	1.5	7.9

MaterialMoistureContentTruckLoading	MaterialSiltContent
12	6.9
12	6.9

tblArchitecturalCoating

PhaseName	ArchitecturalCoatingStartDate	ArchitecturalCoatingEndDate	EF_Residential_Interior
Architectural Coating	2008/07/01	3000/12/31	50

ConstArea_Residential_Interior	EF_Residential_Exterior	ConstArea_Residential_Exterior	EF_Nonresidential_Interior
0	100	0	250

ConstArea_Nonresidential_Interior	EF_Nonresidential_Exterior	ConstArea_Nonresidential_Exterior
167025	250	55675

tblPaving

ParkingLotAcreage

tblVehicleTrips

VehicleTripsLandUseSubType	VehicleTripsLandUseSizeMetric	WD_TR	ST_TR	SU_TR	HW_TL	HS_TL	HO_TL
Hotel	Room	7.27	6.55	4.76	0	0	0

CC_TL	CW_TL	CNW_TL	PR_TP	DV_TP	PB_TP
8.4	16.6	6.9	58	38	4

HW_TTP	HS_TTP	HO_TTP	CC_TTP	CW_TTP	CNW_TTP
0	0	0	61.6	19.4	19

Season	EmissionType	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
A	FleetMix	0.514499	0.060499	0.179997	0.139763	0.042095	0.006675	0.015446	0.029572	0.001914	0.002508	0.004341	0.000594	0.002098
A	CH4_IDLEX	0	0	0	0	0.001309	0.001023	0.007624	0.024528	0.018472	0	0	0.005424	0
A	CH4_RUNEX	0.013984	0.029514	0.019657	0.030056	0.016394	0.011954	0.005872	0.01213	0.003081	0	0	0.007712	0
A	CH4_STREX	0.010839	0.025416	0.014671	0.025703	0.02727	0.017952	0	0	0	0	0	0	0
A	CO_IDLEX	0	0	0	0	0.190064	0.152757	1.836153	2.871608	2.240681	0	0	1.05372	0
A	CO_RUNEX	1.233474	3.189989	1.739629	2.486494	1.63021	1.189601	1.373582	1.934274	1.632938	5.524531	23.495508	5.135838	5.101083
A	CO_STREX	2.353874	5.693141	3.413938	5.206356	5.255995	3.391635	21.332757	64.369068	11.409411	10.884497	9.784148	34.385192	9.556879
A	CO2_NBIO_IDLEX	0	0	0	0	8.332614	9.178367	608.920432	571.324293	576.199581	0	0	576.185345	0
A	CO2_NBIO_RUNEX	308.212585	363.470979	438.806245	569.400369	576.196465	555.270558	998.23524	1662.819965	1089.859137	2143.365925	146.800774	1136.115926	657.208031
A	CO2_NBIO_STREX	64.829833	75.690488	91.133106	117.952064	44.555746	30.726279	59.236621	62.554688	37.01571	29.696387	44.886823	130.61329	32.339246
A	NOX_IDLEX	0	0	0	0	0.045728	0.09691	6.682209	5.33745	6.457943	0	0	8.137056	0
A	NOX_RUNEX	0.110055	0.312796	0.203818	0.320636	1.416374	2.274808	3.731903	6.93817	4.826998	13.194861	1.191712	8.334269	1.761286
A	NOX_STREX	0.159103	0.327401	0.327752	0.506279	1.457145	0.977107	2.187072	3.901161	1.538267	1.232285	0.306462	2.274502	0.900295
A	PM10_IDLEX	0	0	0	0	0.000488	0.001068	0.02811	0.022337	0.022314	0	0	0.02741	0
A	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.046153	0.062741	0.11256	0.060052	0.094097	0.679664	0.036749	0.574428	0.050551
A	PM10_PMTW	0.008	0.008	0.008	0.008	0.008948	0.009983	0.01124	0.03473	0.010451	0.008	0.008	0.011038	0.00859
A	PM10_RUNEX	0.002056	0.004908	0.002107	0.002358	0.008642	0.016542	0.093253	0.121195	0.063139	0.209684	0.000578	0.088393	0.029094
A	PM10_STREX	0.002808	0.005384	0.002799	0.003289	0.00141	0.000939	0.003758	0.003922	0.001248	0.000836	0.001854	0.00737	0.00179
A	PM25_IDLEX	0	0	0	0	0.000449	0.000982	0.025861	0.02055	0.020529	0	0	0.025217	0
A	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.01978	0.026889	0.04824	0.025737	0.040327	0.291285	0.01575	0.246184	0.021665
A	PM25_PMTW	0.002	0.002	0.002	0.002	0.002237	0.002496	0.00281	0.008682	0.002613	0.002	0.002	0.002759	0.002147
A	PM25_RUNEX	0.001881	0.004504	0.001933	0.002168	0.007953	0.015216	0.085789	0.111499	0.058087	0.192889	0.000467	0.081246	0.026727
A	PM25_STREX	0.002568	0.004943	0.002573	0.003029	0.001291	0.000844	0.003176	0.003151	0.001076	0.000743	0.001467	0.006316	0.001546
A	ROG_DIURN	0.066402	0.189701	0.077836	0.089694	0.003055	0.001955	0.003664	0.002617	0.001084	0.005873	0.999598	0.040185	1.405902
A	ROG_HTSK	0.14692	0.32917	0.168393	0.195309	0.076216	0.052279	0.148396	0.146196	0.030425	0.104047	0.47086	0.287265	0.090027
A	ROG_IDLEX	0	0	0	0	0.030443	0.023575	0.16415	0.528083	0.397688	0	0	0.116768	0
A	ROG_RESTL	0.054554	0.136894	0.066595	0.080483	0.001725	0.001108	0.002103	0.001662	0.000524	0.00321	0.572527	0.016957	0.543208
A	ROG_RUNEX	0.035351	0.097338	0.044946	0.071591	0.116884	0.109968	0.168477	0.274802	0.16882	0.826002	2.51152	0.436072	0.164067
A	ROG_RUNLS	0.329804	1.166493	0.541766	0.61118	0.445414	0.299477	0.617851	0.571991	0.308148	0.717582	1.628305	2.250725	2.067505
A	ROG_STREX	0.18834	0.445148	0.257689	0.452871	0.480847	0.313738	1.440778	2.38542	0.73497	0.796077	2.134906	2.363626	0.588984
A	SO2_IDLEX	0	0	0	0	0.000088	0.000094	0.005958	0.00559	0.005638	0	0	0.005638	0
A	SO2_RUNEX	0.003609	0.00417	0.004911	0.006213	0.005871	0.005586	0.009834	0.016287	0.010788	0.021114	0.001953	0.011277	0.00674
A	SO2_STREX	0.000776	0.000943	0.00106	0.001357	0.000554	0.000378	0.000987	0.001726	0.000581	0.0005	0.000681	0.001952	0.0005
A	TOG_DIURN	0.066402	0.189701	0.077836	0.089694	0.003055	0.001955	0.003664	0.002617	0.001084	0.005873	0.999598	0.040185	1.405902
A	TOG_HTSK	0.14692	0.32917	0.168393	0.195309	0.076216	0.052279	0.148396	0.146196	0.030425	0.104047	0.47086	0.287265	0.090027
A	TOG_IDLEX	0	0	0	0	0.03235	0.025262	0.186873	0.601183	0.452737	0	0	0.132932	0
A	TOG_RESTL	0.054554	0.136894	0.066595	0.080483	0.001725	0.001108	0.002103	0.001662	0.000524	0.00321	0.572527	0.016957	0.543208
A	TOG_RUNEX	0.049912	0.128354	0.065324	0.102752	0.13759	0.128711	0.193707	0.313538	0.197872	0.920387	2.755048	0.485774	0.196115
A	TOG_RUNLS	0.329804	1.166493	0.541766	0.61118	0.445414	0.299477	0.617851	0.571991	0.308148	0.717582	1.628305	2.250725	2.067505
A	TOG_STREX	0.201307	0.475598	0.275275	0.483697	0.513556	0.335238	1.542818	2.556696	0.785914	0.850607	2.295552	2.530875	0.630464
S	FleetMix	0.514499	0.060499	0.179997	0.139763	0.042095	0.006675	0.015446	0.029572	0.001914	0.002508	0.004341	0.000594	0.002098
S	CH4_IDLEX	0	0	0	0	0.001309	0.001023	0.007185	0.023116	0.017408	0	0	0.005111	0
S	CH4_RUNEX	0.013984	0.029514	0.019657	0.030056	0.016394	0.011954	0.005872	0.01213	0.003081	0	0	0.007712	0
S	CH4_STREX	0.010839	0.025416	0.014671	0.025703	0.02727	0.017952	0	0	0	0	0	0	0
S	CO_IDLEX	0	0	0	0	0.190064	0.152756	1.334224	2.086629	1.628171	0	0	0.765677	0
S	CO_RUNEX	1.350882	3.453577	1.905978	2.728272	1.656744	1.198792	1.380654	1.944328	1.656457	5.55465	22.684238	5.105164	5.148108
S	CO_STREX	1.868119	4.517537	2.699157	4.111903	4.259587	2.777588	17.587788	53.891387	9.346911	9.183033	8.738903	29.5561	7.621596
S	CO2_NBIO_IDLEX	0	0	0	0	8.332614	9.178367	645.097383	605.267596	610.432532	0	0	610.417451	0
S	CO2_NBIO_RUNEX	324.06492	381.257222	460.796131	598.471554	576.196459	555.270551	998.235235	1662.819964	1089.859128	2143.365925	146.800774	1136.115939	657.208019
S	CO2_NBIO_STREX	64.829834	75.690489	91.133105	117.952065	44.555747	30.726279	59.236621	62.554688	37.01571	29.696388	44.886823	130.613294	32.339247
S	NOX_IDLEX	0	0	0	0	0.045728	0.09691	6.897161	5.509144	6.665681	0	0	8.398808	0
S	NOX_RUNEX	0.09727	0.274387	0.179725	0.283025	1.31395	2.138796	3.508187	6.557672	4.535044	12.429094	1.036711	7.838125	1.607728
S	NOX_STREX	0.147973	0.30427	0.304804	0.470634	1.401942	0.940016	2.099169	3.74208	1.476893	1.177907	0.290277	2.150793	0.864345
S	PM10_IDLEX	0	0	0	0	0.000488	0.001068	0.023696	0.01883	0.018811	0	0	0.023107	0
S	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.046153	0.062741	0.11256	0.060052	0.094097	0.679664	0.036749	0.574428	0.050551
S	PM10_PMTW	0.008	0.008	0.008	0.008	0.008948	0.009983	0.01124	0.03473	0.010451	0.008	0.008	0.011038	0.00859

Season	EmissionType	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
S	PM10_RUNEX	0.002056	0.004908	0.002107	0.002358	0.008642	0.016542	0.093253	0.121195	0.063139	0.209684	0.000578	0.088393	0.029094
S	PM10_STREX	0.002808	0.005384	0.002799	0.003289	0.00141	0.000939	0.003758	0.003922	0.001248	0.000836	0.001854	0.00737	0.00179
S	PM25_IDLEX	0	0	0	0	0.000449	0.000982	0.021801	0.017324	0.017306	0	0	0.021258	0
S	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.01978	0.026889	0.04824	0.025737	0.040327	0.291285	0.01575	0.246184	0.021665
S	PM25_PMTW	0.002	0.002	0.002	0.002	0.002237	0.002496	0.00281	0.008682	0.002613	0.002	0.002	0.002759	0.002147
S	PM25_RUNEX	0.001881	0.004504	0.001933	0.002168	0.007953	0.015216	0.085789	0.111499	0.058087	0.192889	0.000467	0.081246	0.026727
S	PM25_STREX	0.002568	0.004943	0.002573	0.003029	0.001291	0.000844	0.003176	0.003151	0.001076	0.000743	0.001467	0.006316	0.001546
S	ROG_DIURN	0.106937	0.310496	0.126009	0.146254	0.004832	0.00306	0.005753	0.004301	0.001692	0.008697	1.700317	0.061434	2.183595
S	ROG_HTSK	0.155669	0.358306	0.179941	0.208545	0.082417	0.056164	0.155025	0.151308	0.031846	0.107985	0.561483	0.292874	0.094741
S	ROG_IDLEX	0	0	0	0	0.030443	0.023575	0.154696	0.497669	0.374783	0	0	0.110043	0
S	ROG_RESTL	0.084087	0.217884	0.102674	0.124565	0.002767	0.001756	0.003374	0.002841	0.000815	0.00494	1.085294	0.026954	0.872502
S	ROG_RUNEX	0.036348	0.100738	0.046745	0.075462	0.119071	0.110744	0.169056	0.275038	0.169948	0.834999	2.434698	0.437395	0.164617
S	ROG_RUNLS	0.31515	1.093856	0.508247	0.577209	0.436118	0.291869	0.603843	0.566792	0.301618	0.672654	1.535435	2.074873	2.031341
S	ROG_STREX	0.160037	0.378639	0.2195	0.385076	0.425075	0.277672	1.250518	2.040298	0.647208	0.713405	1.867254	2.084582	0.497069
S	SO2_IDLEX	0	0	0	0	0.000088	0.000094	0.006312	0.005923	0.005973	0	0	0.005973	0
S	SO2_RUNEX	0.003797	0.004379	0.00516	0.006534	0.005871	0.005587	0.009834	0.016287	0.010788	0.021114	0.001938	0.011277	0.006741
S	SO2_STREX	0.000767	0.000922	0.001048	0.001338	0.000536	0.000367	0.000922	0.001551	0.000546	0.000471	0.000656	0.001867	0.000466
S	TOG_DIURN	0.106937	0.310496	0.126009	0.146254	0.004832	0.00306	0.005753	0.004301	0.001692	0.008697	1.700317	0.061434	2.183595
S	TOG_HTSK	0.155669	0.358306	0.179941	0.208545	0.082417	0.056164	0.155025	0.151308	0.031846	0.107985	0.561483	0.292874	0.094741
S	TOG_IDLEX	0	0	0	0	0.03235	0.025262	0.17611	0.566558	0.426662	0	0	0.125276	0
S	TOG_RESTL	0.084087	0.217884	0.102674	0.124565	0.002767	0.001756	0.003374	0.002841	0.000815	0.00494	1.085294	0.026954	0.872502
S	TOG_RUNEX	0.051697	0.132929	0.068158	0.107954	0.14002	0.129611	0.194354	0.313797	0.19914	0.929912	2.674178	0.487223	0.196917
S	TOG_RUNLS	0.31515	1.093856	0.508247	0.577209	0.436118	0.291869	0.603843	0.566792	0.301618	0.672654	1.535435	2.074873	2.031341
S	TOG_STREX	0.17106	0.404544	0.234481	0.41129	0.453984	0.29669	1.338953	2.186635	0.692039	0.762252	2.007642	2.231743	0.53206
W	FleetMix	0.514499	0.060499	0.179997	0.139763	0.042095	0.006675	0.015446	0.029572	0.001914	0.002508	0.004341	0.000594	0.002098
W	CH4_IDLEX	0	0	0	0	0.001309	0.001023	0.008231	0.026479	0.019941	0	0	0.005855	0
W	CH4_RUNEX	0.013984	0.029514	0.019657	0.030056	0.016394	0.011954	0.005872	0.01213	0.003081	0	0	0.007712	0
W	CH4_STREX	0.010839	0.025416	0.014671	0.025703	0.02727	0.017952	0	0	0	0	0	0	0
W	CO_IDLEX	0	0	0	0	0.190064	0.152756	2.529293	3.955628	3.086528	0	0	1.451495	0
W	CO_RUNEX	1.193516	3.100688	1.684197	2.407556	1.624424	1.186618	1.370893	1.931917	1.623723	5.51775	23.371998	5.120318	5.084938
W	CO_STREX	2.433359	5.864449	3.527735	5.365933	5.306769	3.437683	21.772496	65.087304	11.624986	11.025507	9.827199	35.310007	9.600634
W	CO2_NBIO_IDLEX	0	0	0	0	8.332614	9.178367	558.961786	524.450208	528.925504	0	0	528.912437	0
W	CO2_NBIO_RUNEX	303.274273	358.142873	432.029902	560.763704	576.196459	555.270551	998.235235	1662.819964	1089.859128	2143.365925	146.800774	1136.115939	657.208019
W	CO2_NBIO_STREX	64.829834	75.690489	91.133105	117.952065	44.555747	30.726279	59.236621	62.554688	37.01571	29.696388	44.886823	130.613294	32.339247
W	NOX_IDLEX	0	0	0	0	0.045728	0.09691	6.38537	5.100348	6.171066	0	0	7.77559	0
W	NOX_RUNEX	0.106433	0.302816	0.197086	0.309883	1.388776	2.234735	3.662149	6.824618	4.73854	12.941701	1.159392	8.195525	1.722599
W	NOX_STREX	0.161047	0.33106	0.331685	0.511887	1.462705	0.981562	2.201793	3.919972	1.547748	1.239148	0.308334	2.301931	0.903018
W	PM10_IDLEX	0	0	0	0	0.000488	0.001068	0.034204	0.027179	0.027152	0	0	0.033352	0
W	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.046153	0.062741	0.11256	0.060052	0.094097	0.679664	0.036749	0.574428	0.050551
W	PM10_PMTW	0.008	0.008	0.008	0.008	0.008948	0.009983	0.01124	0.03473	0.010451	0.008	0.008	0.011038	0.00859
W	PM10_RUNEX	0.002056	0.004908	0.002107	0.002358	0.008642	0.016542	0.093253	0.121195	0.063139	0.209684	0.000578	0.088393	0.029094
W	PM10_STREX	0.002808	0.005384	0.002799	0.003289	0.00141	0.000939	0.003758	0.003922	0.001248	0.000836	0.001854	0.00737	0.00179
W	PM25_IDLEX	0	0	0	0	0.000449	0.000982	0.031467	0.025005	0.02498	0	0	0.030684	0
W	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.01978	0.026889	0.04824	0.025737	0.040327	0.291285	0.01575	0.246184	0.021665
W	PM25_PMTW	0.002	0.002	0.002	0.002	0.002237	0.002496	0.00281	0.008682	0.002613	0.002	0.002	0.002759	0.002147
W	PM25_RUNEX	0.001881	0.004504	0.001933	0.002168	0.007953	0.015216	0.085789	0.111499	0.058087	0.192889	0.000467	0.081246	0.026727
W	PM25_STREX	0.002568	0.004943	0.002573	0.003029	0.001291	0.000844	0.003176	0.003151	0.001076	0.000743	0.001467	0.006316	0.001546
W	ROG_DIURN	0.067842	0.198859	0.078401	0.089081	0.003369	0.002144	0.00411	0.002907	0.001186	0.006858	1.127888	0.047474	1.666334
W	ROG_HTSK	0.166957	0.383619	0.189492	0.216372	0.089406	0.061396	0.182742	0.187402	0.035009	0.132355	0.623192	0.361068	0.118237
W	ROG_IDLEX	0	0	0	0	0.030443	0.023575	0.177206	0.570084	0.429318	0	0	0.126055	0
W	ROG_RESTL	0.053212	0.133717	0.064685	0.078352	0.001771	0.001126	0.002194	0.001738	0.00054	0.003517	0.567437	0.01842	0.588696
W	ROG_RUNEX	0.0349	0.095978	0.044277	0.07031	0.116392	0.109768	0.168308	0.274748	0.168506	0.824141	2.514867	0.43494	0.163868
W	ROG_RUNLS	0.370102	1.380262	0.6353	0.711159	0.483048	0.326354	0.668492	0.609357	0.329156	0.83574	1.898047	2.652978	2.181787
W	ROG_STREX	0.192428	0.453488	0.263055	0.461497	0.485385	0.317378	1.465078	2.415535	0.742361	0.805192	2.153808	2.416549	0.593399
W	SO2_IDLEX	0	0	0	0	0.000088	0.000094	0.005469	0.005132	0.005176	0	0	0.005175	0
W	SO2_RUNEX	0.00355	0.004108	0.004834	0.006118	0.005871	0.005586	0.009833	0.016287	0.010788	0.021113	0.001952	0.011277	0.00674

Season	EmissionType	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
W	SO2_STREX	0.000777	0.000946	0.001062	0.00136	0.000555	0.000379	0.000995	0.001738	0.000585	0.000503	0.000683	0.001968	0.000501
W	TOG_DIURN	0.067842	0.198859	0.078401	0.089081	0.003369	0.002144	0.00411	0.002907	0.001186	0.006858	1.127888	0.047474	1.666334
W	TOG_HTSK	0.166957	0.383619	0.189492	0.216372	0.089406	0.061396	0.182742	0.187402	0.035009	0.132355	0.623192	0.361068	0.118237
W	TOG_IDLEX	0	0	0	0	0.03235	0.025262	0.201735	0.648997	0.488745	0	0	0.143505	0
W	TOG_RESTL	0.053212	0.133717	0.064685	0.078352	0.001771	0.001126	0.002194	0.001738	0.00054	0.003517	0.567437	0.01842	0.588696
W	TOG_RUNEX	0.049222	0.126641	0.064347	0.101088	0.137046	0.128482	0.193521	0.313479	0.197524	0.918421	2.75856	0.484571	0.195866
W	TOG_RUNLS	0.370102	1.380262	0.6353	0.711159	0.483048	0.326354	0.668492	0.609357	0.329156	0.83574	1.898047	2.652978	2.181787
W	TOG_STREX	0.205676	0.484505	0.281005	0.492909	0.518404	0.339126	1.568829	2.588987	0.793772	0.860354	2.315874	2.587544	0.635197

tblRoadDust

RoadPercentPave	RoadSiltLoading	MaterialSiltContent
100	0.1	4.3

MaterialMoistureContent	MobileAverageVehicleWeight	MeanVehicleSpeed
0.5	2.4	40

tblWoodstoves

WoodstovesLandUseSubType	NumberConventional	NumberCatalytic	NumberNoncatalytic

NumberPellet	WoodstoveDayYear	WoodstoveWoodMass

tblFireplaces

FireplacesLandUseSubType	NumberWood	NumberGas	NumberPropane

NumberNoFireplace	FireplaceHourDay	FireplaceDayYear	FireplaceWoodMass

tblConsumerProducts

ROG_EF
0.0000198

tblAreaCoating

Area_EF_Residential_Interior	Area_Residential_Interior	Area_EF_Residential_Exterior
50	0	100

Area_Residential_Exterior	Area_EF_Nonresidential_Interior	Area_Nonresidential_Interior
0	250	167025

Area_EF_Nonresidential_Exterior	Area_Nonresidential_Exterior	ReapplicationRatePercent
250	55675	10

tblLandscapeEquipment

NumberSnowDays	NumberSummerDays
0	250

tblEnergyUse

EnergyUseLandUseSubType	T24E	NT24E	LightingElect	T24NG	NT24NG
Hotel	3.39	3.24	3.46	30.62	5.15

tblWater

WaterLandUseSubType	WaterLandUseSizeMetric	IndoorWaterUseRate	OutdoorWaterUseRate
Hotel	Room	4819686.3	535520.7

ElectricityIntensityFactorToSupply	ElectricityIntensityFactorToTreat	ElectricityIntensityFactorToDistribute	ElectricityIntensityFactorForWastewaterTreatment
9727	111	1272	1911

SepticTankPercent	AerobicPercent	AnaerobicandFacultativeLagoonsPercent	AnaDigestCombDigestGasPercent
0	97.46	2.54	100

AnaDigestCogenCombDigestGasPercent
0

tblSolidWaste

SolidWasteLandUseSubType	SolidWasteLandUseSizeMetric	SolidWasteGenerationRate
Hotel	Room	104.02

LandfillNoGasCapture	LandfillCaptureGasFlare	LandfillCaptureGasEnergyRecovery
6	94	0

tblLandUseChange

VegetationLandUseType	VegetationLandUseSubType	AcresBegin	AcresEnd	CO2peracre

tblSequestration

BroadSpeciesClass	NumberOfNewTrees	CO2perTree

tblConstEquipMitigation

ConstMitigationEquipmentType	FuelType	Tier	NumberOfEquipmentMitigated	TotalNumberOfEquipmentMitigated	DPF	OxidationCatalyst
Air Compressors	Diesel	No Change	0	1	No Change	0
Cement and Mortar Mixers	Diesel	No Change	0	1	No Change	0
Cranes	Diesel	No Change	0	1	No Change	0
Forklifts	Diesel	No Change	0	1	No Change	0
Generator Sets	Diesel	No Change	0	1	No Change	0
Graders	Diesel	Tier 2	0	2	No Change	0
Pavers	Diesel	Tier 2	0	1	No Change	0
Paving Equipment	Diesel	Tier 2	0	1	No Change	0
Rollers	Diesel	No Change	0	1	No Change	0
Rubber Tired Dozers	Diesel	Tier 2	0	2	No Change	0
Tractors/Loaders/Backhoes	Diesel	Tier 2	0	4	No Change	0
Welders	Diesel	No Change	0	3	No Change	0

tblConstDustMitigation

SoilStabilizerCheck	SoilStabilizerPM10PercentReduction	SoilStabilizerPM25PercentReduction	ReplaceGroundCoverCheck
1	84	84	1

ReplaceGroundCoverPM10PercentReduction	ReplaceGroundCoverPM25PercentReduction	WaterExposedAreaCheck	WaterExposedAreaFrequency
5	5	1	3

WaterExposedAreaPM10PercentReduction	WaterExposedAreaPM25PercentReduction	WaterUnpavedRoadMoistureContentCheck	WaterUnpavedRoadVehicleSpeedCheck
61	61	0	1

WaterUnpavedRoadMoistureContent	WaterUnpavedRoadVehicleSpeed	CleanPavedRoadPercentReduction
0	15	26

tblLandUseMitigation

ProjectSetting	IncreaseDensityCheck	IncreaseDensityDUPerAcre	IncreaseDensityJobPerAcre

IncreaseDiversityCheck	ImproveWalkabilityDesignCheck	ImproveWalkabilityDesignIntersections	ImproveDestinationAccessibilityCheck

ImproveDestinationAccessibilityDistance	IncreaseTransitAccessibilityCheck	IncreaseTransitAccessibilityDistance	IntegrateBelowMarketRateHousingCheck

IntegrateBelowMarketRateHousingDU	ImprovePedestrianNetworkCheck	ImprovePedestrianNetworkSelection	ProvideTrafficCalmingMeasuresCheck

ProvideTrafficCalmingMeasuresPercentStreet	ProvideTrafficCalmingMeasuresPercentIntersection	ImplementNEVNetworkCheck	ImplementNEVNetworkNumber

LimitParkingSupplyCheck	LimitParkingSupplySpacePercentReduction	UnbundleParkingCostCheck	UnbundleParkingCostCost

OnStreetMarketPricingCheck	OnStreetMarketPricingPricePercentIncrease	ProvideBRTSystemCheck	ProvideBRTSystemPercentBRT

ExpandTransitNetworkCheck	ExpandTransitNetworkTransitCoveragePercentIncrease	IncreaseTransitFrequencyCheck	IncreaseTransitFrequencyImplementationLevel

IncreaseTransitFrequencyHeadwaysPercentReduction

ImplementTripReductionProgramCheck	ImplementTripReductionProgramPercentEmployee	ImplementTripReductionProgramType	TransitSubsidyCheck
0			0

TransitSubsidyPercentEmployee	TransitSubsidyDailySubsidyAmount	ImplementEmployeeParkingCashOutCheck	ImplementEmployeeParkingCashOutPercentEmployee
		0	

WorkplaceParkingChargeCheck	WorkplaceParkingChargePercentEmployee	WorkplaceParkingChargeCost	EncourageTelecommutingCheck
0			0

EncourageTelecommutingPercentEmployee9_80	EncourageTelecommutingPercentEmployee4_40	EncourageTelecommutingPercentEmployee1_5days	MarketCommuteTripReductionOptionCheck
			0

MarketCommuteTripReductionOptionPercentEmployee	EmployeeVanpoolCheck	EmployeeVanpoolPercentEmployee	EmployeeVanpoolPercentModeShare
	0		2

ProvideRideSharingProgramCheck	ProvideRideSharingProgramPercentEmployee	ImplementSchoolBusProgramCheck	ImplementSchoolBusProgramPercentFamilyUsing
0		0	

LandscapeLawnmowerCheck	LandscapeLawnmowerPercentElectric	LandscapeLeafblowerCheck	LandscapeLeafblowerPercentElectric
0	0	0	0

LandscapeChainsawCheck	LandscapeChainsawPercentElectric	UseLowVOCPaintResidentialInteriorCheck	UseLowVOCPaintResidentialInteriorValue
0	0	0	50

UseLowVOCPaintResidentialExteriorCheck	UseLowVOCPaintResidentialExteriorValue	UseLowVOCPaintNonresidentialInteriorCheck	UseLowVOCPaintNonresidentialInteriorValue
0	100	1	225

UseLowVOCPaintNonresidentialExteriorCheck	UseLowVOCPaintNonresidentialExteriorValue	HearthOnlyNaturalGasHearthCheck	NoHearthCheck
1	225	0	0

UseLowVOCCleaningSuppliesCheck
1

tblEnergyMitigation

ExceedTitle24Check	ExceedTitle24CheckPercentImprovement	InstallHighEfficiencyLightingCheck
1	5	1

InstallHighEfficiencyLightingPercentEnergyReduction	OnSiteRenewableEnergyCheck	KwhGeneratedCheck
10	0	0

KwhGenerated	PercentOfElectricityUseGeneratedCheck	PercentOfElectricityUseGenerated
	0	

tblApplianceMitigation

ApplianceType	ApplianceLandUseSubType	PercentImprovement
ClothWasher		30
DishWasher		15
Fan		50
Refrigerator		15

tblWaterMitigation

ApplyWaterConservationStrategyCheck	ApplyWaterConservationStrategyPercentReductionIndoor	ApplyWaterConservationStrategyPercentReductionOutdoor	UseReclaimedWaterCheck
1	20	20	0

PercentOutdoorReclaimedWaterUse	PercentIndoorReclaimedWaterUse	UseGreyWaterCheck	PercentOutdoorGreyWaterUse
0	0	0	0

PercentIndoorGreyWaterUse	InstallLowFlowBathroomFaucetCheck	PercentReductionInFlowBathroomFaucet	InstallLowFlowKitchenFaucetCheck
0	0	32	0

PercentReductionInFlowKitchenFaucet	InstallLowFlowToiletCheck	PercentReductionInFlowToilet	InstallLowFlowShowerCheck
18	0	20	0

PercentReductionInFlowShower	TurfReductionCheck	TurfReductionTurfArea	TurfReductionPercentReduction
20	0	0	0

UseWaterEfficientIrrigationSystemCheck	UseWaterEfficientIrrigationSystemPercentReduction	WaterEfficientLandscapeCheck	MAWA
0	6.1	0	0

ETWU
0

tblWasteMitigation

InstituteRecyclingAndCompostingServicesCheck	InstituteRecyclingAndCompostingServicesWastePercentReduction

tblOperationalOffRoadEquipment

OperOffRoadEquipmentType	OperOffRoadEquipmentNumber	OperHoursPerDay	OperDaysPerYear	OperHorsePower	OperLoadFactor	OperFuelType

tblRemarks

SubModuleID	PhaseName	Season	Remarks
1			
3			Lot Acreage and sf based on project design
4			Construction schedule estimates provided by applicant.
6			Grading haul lengths provided by applicant
9			Acres based on site plan
12			Trip rates taken from TIA for project
21			No septic used
25			Assumes compliance with ARB off-road fleet regulations
29			Assumes low VOC Paint
30			
32			
33			

888 Sepulveda Hotel Project - El Segundo

South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hotel	190.00	Room	1.52	111,350.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	8			**Operational Year**	2015
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Lot Acreage and sf based on project design

Construction Phase - Construction schedule estimates provided by applicant.

Grading - Acres based on site plan

Trips and VMT - Grading haul lengths provided by applicant

Vehicle Trips - Trip rates taken from TIA for project

Water And Wastewater - No septic used

Construction Off-road Equipment Mitigation - Assumes compliance with ARB off-road fleet regulations

Area Mitigation - Assumes low VOC Paint

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	250	225
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	225
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	26
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstructionPhase	NumDays	10.00	35.00
tblConstructionPhase	NumDays	200.00	244.00
tblConstructionPhase	NumDays	4.00	16.00
tblConstructionPhase	NumDays	10.00	75.00
tblConstructionPhase	NumDays	2.00	15.00
tblConstructionPhase	PhaseEndDate	4/10/2015	5/8/2015

tblConstructionPhase	PhaseEndDate	7/3/2015	2/20/2015
tblConstructionPhase	PhaseStartDate	2/21/2015	3/23/2015
tblConstructionPhase	PhaseStartDate	3/22/2014	3/24/2014
tblConstructionPhase	PhaseStartDate	3/21/2015	11/10/2014
tblGrading	AcresOfGrading	6.00	1.50
tblGrading	AcresOfGrading	7.50	1.00
tblGrading	MaterialExported	0.00	300.00
tblGrading	MaterialImported	0.00	7,100.00
tblLandUse	LandUseSquareFeet	275,880.00	111,350.00
tblLandUse	LotAcreage	6.33	1.52
tblProjectCharacteristics	OperationalYear	2014	2015
tblTripsAndVMT	HaulingTripLength	20.00	10.00
tblVehicleTrips	ST_TR	8.19	6.55
tblVehicleTrips	SU_TR	5.95	4.76
tblVehicleTrips	WD_TR	8.17	7.27
tblWater	AerobicPercent	87.46	97.46
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	2.54
tblWater	SepticTankPercent	10.33	0.00

2.0 Emissions Summary

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					
2014	7.3949	40.1282	31.4202	0.0472	5.4295	2.5597	6.9137	2.9278	2.4310	4.2933	0.0000	4,574.8522	4,574.8522	0.9530	0.0000	4,594.8647
2015	74.3675	38.3474	30.4661	0.0472	0.7831	2.4140	3.1972	0.2099	2.2899	2.4998	0.0000	4,525.0018	4,525.0018	0.9225	0.0000	4,544.3734
Total	**81.7624**	**78.4756**	**61.8862**	**0.0943**	**6.2126**	**4.9738**	**10.1109**	**3.1377**	**4.7209**	**6.7931**	**0.0000**	**9,099.8540**	**9,099.8540**	**1.8754**	**0.0000**	**9,139.2381**

Mitigated 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					
2014	7.3949	40.1282	31.4202	0.0472	2.2036	2.5597	3.6201	1.0947	2.4310	2.5985	0.0000	4,574.8522	4,574.8522	0.9530	0.0000	4,594.8647
2015	74.3675	38.3474	30.4661	0.0472	0.6102	2.4140	3.0242	0.1674	2.2899	2.4573	0.0000	4,525.0018	4,525.0018	0.9225	0.0000	4,544.3734
Total	**81.7624**	**78.4756**	**61.8862**	**0.0943**	**2.8138**	**4.9738**	**6.6443**	**1.2622**	**4.7209**	**5.0558**	**0.0000**	**9,099.8540**	**9,099.8540**	**1.8754**	**0.0000**	**9,139.2381**

	ROG	**NOx**	**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	**0.00**	**0.00**	**0.00**	**0.00**	**54.71**	**0.00**	**34.29**	**59.77**	**0.00**	**25.57**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

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	2.9137	1.9000e-004	0.0201	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0416	0.0416	1.2000e-004		0.0441
Energy	0.1177	1.0698	0.8987	6.4200e-003		0.0813	0.0813		0.0813	0.0813		1,283.8000	1,283.8000	0.0246	0.0235	1,291.6130
Mobile	14.7236	12.9804	52.1724	0.0999	6.9870	0.1797	7.1667	1.8666	0.1651	2.0317		9,025.4093	9,025.4093	0.4059		9,033.9333
Total	**17.7549**	**14.0504**	**53.0911**	**0.1063**	**6.9870**	**0.2611**	**7.2481**	**1.8666**	**0.2464**	**2.1130**		**10,309.2508**	**10,309.2508**	**0.4306**	**0.0235**	**10,325.5904**

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	2.8430	1.9000e-004	0.0201	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0416	0.0416	1.2000e-004		0.0441
Energy	0.1126	1.0240	0.8602	6.1400e-003		0.0778	0.0778		0.0778	0.0778		1,228.8518	1,228.8518	0.0236	0.0225	1,236.3304
Mobile	14.7236	12.9804	52.1724	0.0999	6.9870	0.1797	7.1667	1.8666	0.1651	2.0317		9,025.4093	9,025.4093	0.4059		9,033.9333
Total	**17.6792**	**14.0046**	**53.0527**	**0.1060**	**6.9870**	**0.2576**	**7.2446**	**1.8666**	**0.2430**	**2.1096**		**10,254.3026**	**10,254.3026**	**0.4296**	**0.0225**	**10,270.3078**

	ROG	NOx	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	**0.43**	**0.33**	**0.07**	**0.26**	**0.00**	**1.33**	**0.05**	**0.00**	**1.41**	**0.16**	**0.00**	**0.53**	**0.53**	**0.25**	**4.29**	**0.54**

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	3/3/2014	3/21/2014	5	15	
2	Grading	Grading	3/24/2014	4/14/2014	5	16	
3	Building Construction	Building Construction	4/15/2014	3/20/2015	5	244	
4	Paving	Paving	11/10/2014	2/20/2015	5	75	
5	Architectural Coating	Architectural Coating	3/23/2015	5/8/2015	5	35	

Acres of Grading (Site Preparation Phase): 1

Acres of Grading (Grading Phase): 1.5

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 167,025; Non-Residential Outdoor: 55,675 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Cranes	1	6.00	226	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Site Preparation	Graders	1	8.00	174	0.41
Paving	Pavers	1	6.00	125	0.42
Paving	Rollers	1	7.00	80	0.38
Grading	Rubber Tired Dozers	1	6.00	255	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Graders	1	6.00	174	0.41
Paving	Paving Equipment	1	8.00	130	0.36
Site Preparation	Rubber Tired Dozers	1	7.00	255	0.40
Building Construction	Welders	3	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
Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	0.00	925.00	14.70	6.90	10.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	47.00	18.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	9.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Site Preparation - 2014

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					5.3400	0.0000	5.3400	2.9041	0.0000	2.9041			0.0000			0.0000
Off-Road	2.5474	27.1661	17.0975	0.0171		1.4834	1.4834		1.3647	1.3647		1,821.0895	1,821.0895	0.5382		1,832.3907
Total	**2.5474**	**27.1661**	**17.0975**	**0.0171**	**5.3400**	**1.4834**	**6.8234**	**2.9041**	**1.3647**	**4.2688**		**1,821.0895**	**1,821.0895**	**0.5382**		**1,832.3907**

3.2 Site Preparation - 2014

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	0.2211	0.0567	0.5905	1.0600e-003	0.0894	8.4000e-004	0.0903	0.0237	7.7000e-004	0.0245		95.5358	95.5358	5.8000e-003		95.6575
Total	**0.2211**	**0.0567**	**0.5905**	**1.0600e-003**	**0.0894**	**8.4000e-004**	**0.0903**	**0.0237**	**7.7000e-004**	**0.0245**		**95.5358**	**95.5358**	**5.8000e-003**		**95.6575**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.9785	0.0000	1.9785	1.0760	0.0000	1.0760			0.0000			0.0000
Off-Road	2.5474	27.1661	17.0975	0.0171		1.4834	1.4834		1.3647	1.3647	0.0000	1,821.0895	1,821.0895	0.5382		1,832.3907
Total	**2.5474**	**27.1661**	**17.0975**	**0.0171**	**1.9785**	**1.4834**	**3.4619**	**1.0760**	**1.3647**	**2.4407**	**0.0000**	**1,821.0895**	**1,821.0895**	**0.5382**		**1,832.3907**

3.2 Site Preparation - 2014

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	0.2211	0.0567	0.5905	1.0600e-003	0.0692	8.4000e-004	0.0701	0.0188	7.7000e-004	0.0195		95.5358	95.5358	5.8000e-003		95.6575
Total	**0.2211**	**0.0567**	**0.5905**	**1.0600e-003**	**0.0692**	**8.4000e-004**	**0.0701**	**0.0188**	**7.7000e-004**	**0.0195**		**95.5358**	**95.5358**	**5.8000e-003**		**95.6575**

3.3 Grading - 2014

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					4.6683	0.0000	4.6683	2.5013	0.0000	2.5013			0.0000			0.0000
Off-Road	2.0759	22.1752	14.1657	0.0141		1.2106	1.2106		1.1138	1.1138		1,495.6888	1,495.6888	0.4420		1,504.9706
Total	**2.0759**	**22.1752**	**14.1657**	**0.0141**	**4.6683**	**1.2106**	**5.8789**	**2.5013**	**1.1138**	**3.6151**		**1,495.6888**	**1,495.6888**	**0.4420**		**1,504.9706**

3.3 Grading - 2014

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	1.8802	11.2773	12.1953	0.0219	0.5042	0.2050	0.7092	0.1381	0.1885	0.3266		2,241.7059	2,241.7059	0.0207		2,242.1406
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	0.2211	0.0567	0.5905	1.0600e-003	0.0894	8.4000e-004	0.0903	0.0237	7.7000e-004	0.0245		95.5358	95.5358	5.8000e-003		95.6575
Total	**2.1013**	**11.3340**	**12.7858**	**0.0230**	**0.5936**	**0.2059**	**0.7994**	**0.1618**	**0.1893**	**0.3511**		**2,337.2417**	**2,337.2417**	**0.0265**		**2,337.7981**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.7296	0.0000	1.7296	0.9267	0.0000	0.9267			0.0000			0.0000
Off-Road	2.0759	22.1752	14.1657	0.0141		1.2106	1.2106		1.1138	1.1138	0.0000	1,495.6887	1,495.6887	0.4420		1,504.9706
Total	**2.0759**	**22.1752**	**14.1657**	**0.0141**	**1.7296**	**1.2106**	**2.9402**	**0.9267**	**1.1138**	**2.0405**	**0.0000**	**1,495.6887**	**1,495.6887**	**0.4420**		**1,504.9706**

3.3 Grading - 2014

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	1.8802	11.2773	12.1953	0.0219	0.4048	0.2050	0.6098	0.1137	0.1885	0.3022		2,241.7059	2,241.7059	0.0207		2,242.1406
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	0.2211	0.0567	0.5905	1.0600e-003	0.0692	8.4000e-004	0.0701	0.0188	7.7000e-004	0.0195		95.5358	95.5358	5.8000e-003		95.6575
Total	**2.1013**	**11.3340**	**12.7858**	**0.0230**	**0.4740**	**0.2059**	**0.6798**	**0.1325**	**0.1893**	**0.3218**		**2,337.2417**	**2,337.2417**	**0.0265**		**2,337.7981**

3.4 Building Construction - 2014

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	3.9077	22.5327	15.3098	0.0220		1.5957	1.5957		1.5432	1.5432		2,064.0797	2,064.0797	0.5005		2,074.5893
Total	**3.9077**	**22.5327**	**15.3098**	**0.0220**		**1.5957**	**1.5957**		**1.5432**	**1.5432**		**2,064.0797**	**2,064.0797**	**0.5005**		**2,074.5893**

3.4 Building Construction - 2014

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	0.3984	2.0718	2.5215	3.9000e-003	0.1124	0.0406	0.1530	0.0320	0.0373	0.0693		397.9447	397.9447	3.6200e-003		398.0208
Worker	1.2990	0.3329	3.4693	6.2400e-003	0.5254	4.9500e-003	0.5303	0.1393	4.5300e-003	0.1439		561.2728	561.2728	0.0341		561.9878
Total	**1.6974**	**2.4047**	**5.9908**	**0.0101**	**0.6378**	**0.0455**	**0.6833**	**0.1714**	**0.0418**	**0.2132**		**959.2175**	**959.2175**	**0.0377**		**960.0087**

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	3.9077	22.5327	15.3098	0.0220		1.5957	1.5957		1.5432	1.5432	0.0000	2,064.0797	2,064.0797	0.5005		2,074.5893
Total	**3.9077**	**22.5327**	**15.3098**	**0.0220**		**1.5957**	**1.5957**		**1.5432**	**1.5432**	**0.0000**	**2,064.0797**	**2,064.0797**	**0.5005**		**2,074.5893**

3.4 Building Construction - 2014

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	0.3984	2.0718	2.5215	3.9000e-003	0.0911	0.0406	0.1317	0.0268	0.0373	0.0641		397.9447	397.9447	3.6200e-003		398.0208
Worker	1.2990	0.3329	3.4693	6.2400e-003	0.4066	4.9500e-003	0.4116	0.1102	4.5300e-003	0.1147		561.2728	561.2728	0.0341		561.9878
Total	**1.6974**	**2.4047**	**5.9908**	**0.0101**	**0.4977**	**0.0455**	**0.5432**	**0.1370**	**0.0418**	**0.1788**		**959.2175**	**959.2175**	**0.0377**		**960.0087**

3.4 Building Construction - 2015

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	3.6000	21.5642	15.0041	0.0220		1.4851	1.4851		1.4344	1.4344		2,055.6247	2,055.6247	0.4741		2,065.5812
Total	**3.6000**	**21.5642**	**15.0041**	**0.0220**		**1.4851**	**1.4851**		**1.4344**	**1.4344**		**2,055.6247**	**2,055.6247**	**0.4741**		**2,065.5812**

3.4 Building Construction - 2015

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	0.3384	1.8059	2.3108	3.8900e-003	0.1125	0.0312	0.1436	0.0320	0.0287	0.0607		393.5104	393.5104	3.1900e-003		393.5774
Worker	1.2077	0.2988	3.1190	6.2400e-003	0.5254	4.6200e-003	0.5300	0.1393	4.2400e-003	0.1436		543.1606	543.1606	0.0312		543.8153
Total	**1.5461**	**2.1047**	**5.4298**	**0.0101**	**0.6378**	**0.0358**	**0.6736**	**0.1714**	**0.0329**	**0.2042**		**936.6710**	**936.6710**	**0.0344**		**937.3926**

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	3.6000	21.5642	15.0041	0.0220		1.4851	1.4851		1.4344	1.4344	0.0000	2,055.6247	2,055.6247	0.4741		2,065.5812
Total	**3.6000**	**21.5642**	**15.0041**	**0.0220**		**1.4851**	**1.4851**		**1.4344**	**1.4344**	**0.0000**	**2,055.6247**	**2,055.6247**	**0.4741**		**2,065.5812**

3.4 Building Construction - 2015

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	0.3384	1.8059	2.3108	3.8900e-003	0.0911	0.0312	0.1223	0.0268	0.0287	0.0554		393.5104	393.5104	3.1900e-003		393.5774
Worker	1.2077	0.2988	3.1190	6.2400e-003	0.4066	4.6200e-003	0.4112	0.1102	4.2400e-003	0.1144		543.1606	543.1606	0.0312		543.8153
Total	**1.5461**	**2.1047**	**5.4298**	**0.0101**	**0.4977**	**0.0358**	**0.5335**	**0.1370**	**0.0329**	**0.1699**		**936.6710**	**936.6710**	**0.0344**		**937.3926**

3.5 Paving - 2014

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	1.4305	15.0987	9.1601	0.0133		0.9172	0.9172		0.8447	0.8447		1,396.3094	1,396.3094	0.4054		1,404.8234
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.4305**	**15.0987**	**9.1601**	**0.0133**		**0.9172**	**0.9172**		**0.8447**	**0.8447**		**1,396.3094**	**1,396.3094**	**0.4054**		**1,404.8234**

3.5 Paving - 2014

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	0.3593	0.0921	0.9596	1.7300e-003	0.1453	1.3700e-003	0.1467	0.0385	1.2500e-003	0.0398		155.2457	155.2457	9.4200e-003		155.4435
Total	**0.3593**	**0.0921**	**0.9596**	**1.7300e-003**	**0.1453**	**1.3700e-003**	**0.1467**	**0.0385**	**1.2500e-003**	**0.0398**		**155.2457**	**155.2457**	**9.4200e-003**		**155.4435**

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	1.4305	15.0987	9.1601	0.0133		0.9172	0.9172		0.8447	0.8447	0.0000	1,396.3094	1,396.3094	0.4054		1,404.8234
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.4305**	**15.0987**	**9.1601**	**0.0133**		**0.9172**	**0.9172**		**0.8447**	**0.8447**	**0.0000**	**1,396.3094**	**1,396.3094**	**0.4054**		**1,404.8234**

3.5 Paving - 2014

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	0.3593	0.0921	0.9596	1.7300e-003	0.1125	1.3700e-003	0.1138	0.0305	1.2500e-003	0.0317		155.2457	155.2457	9.4200e-003		155.4435
Total	**0.3593**	**0.0921**	**0.9596**	**1.7300e-003**	**0.1125**	**1.3700e-003**	**0.1138**	**0.0305**	**1.2500e-003**	**0.0317**		**155.2457**	**155.2457**	**9.4200e-003**		**155.4435**

3.5 Paving - 2015

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	1.4041	14.5959	9.1695	0.0133		0.8919	0.8919		0.8215	0.8215		1,382.4703	1,382.4703	0.4054		1,390.9826
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.4041**	**14.5959**	**9.1695**	**0.0133**		**0.8919**	**0.8919**		**0.8215**	**0.8215**		**1,382.4703**	**1,382.4703**	**0.4054**		**1,390.9826**

3.5 Paving - 2015

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	0.3340	0.0826	0.8627	1.7300e-003	0.1453	1.2800e-003	0.1466	0.0385	1.1700e-003	0.0397		150.2359	150.2359	8.6200e-003		150.4170
Total	**0.3340**	**0.0826**	**0.8627**	**1.7300e-003**	**0.1453**	**1.2800e-003**	**0.1466**	**0.0385**	**1.1700e-003**	**0.0397**		**150.2359**	**150.2359**	**8.6200e-003**		**150.4170**

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	1.4041	14.5959	9.1695	0.0133		0.8919	0.8919		0.8215	0.8215	0.0000	1,382.4703	1,382.4703	0.4054		1,390.9826
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.4041**	**14.5959**	**9.1695**	**0.0133**		**0.8919**	**0.8919**		**0.8215**	**0.8215**	**0.0000**	**1,382.4703**	**1,382.4703**	**0.4054**		**1,390.9826**

3.5 Paving - 2015

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	0.3340	0.0826	0.8627	1.7300e-003	0.1125	1.2800e-003	0.1137	0.0305	1.1700e-003	0.0317		150.2359	150.2359	8.6200e-003		150.4170
Total	**0.3340**	**0.0826**	**0.8627**	**1.7300e-003**	**0.1125**	**1.2800e-003**	**0.1137**	**0.0305**	**1.1700e-003**	**0.0317**		**150.2359**	**150.2359**	**8.6200e-003**		**150.4170**

3.6 Architectural Coating - 2015

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	73.7296					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4066	2.5703	1.9018	2.9700e-003		0.2209	0.2209		0.2209	0.2209		281.4481	281.4481	0.0367		282.2177
Total	**74.1362**	**2.5703**	**1.9018**	**2.9700e-003**		**0.2209**	**0.2209**		**0.2209**	**0.2209**		**281.4481**	**281.4481**	**0.0367**		**282.2177**

3.6 Architectural Coating - 2015

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	0.2313	0.0572	0.5973	1.2000e-003	0.1006	8.9000e-004	0.1015	0.0267	8.1000e-004	0.0275		104.0095	104.0095	5.9700e-003		104.1348
Total	**0.2313**	**0.0572**	**0.5973**	**1.2000e-003**	**0.1006**	**8.9000e-004**	**0.1015**	**0.0267**	**8.1000e-004**	**0.0275**		**104.0095**	**104.0095**	**5.9700e-003**		**104.1348**

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	73.7296					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4066	2.5703	1.9018	2.9700e-003		0.2209	0.2209		0.2209	0.2209	0.0000	281.4481	281.4481	0.0367		282.2177
Total	**74.1362**	**2.5703**	**1.9018**	**2.9700e-003**		**0.2209**	**0.2209**		**0.2209**	**0.2209**	**0.0000**	**281.4481**	**281.4481**	**0.0367**		**282.2177**

3.6 Architectural Coating - 2015

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	0.2313	0.0572	0.5973	1.2000e-003	0.0779	8.9000e-004	0.0788	0.0211	8.1000e-004	0.0219		104.0095	104.0095	5.9700e-003		104.1348
Total	**0.2313**	**0.0572**	**0.5973**	**1.2000e-003**	**0.0779**	**8.9000e-004**	**0.0788**	**0.0211**	**8.1000e-004**	**0.0219**		**104.0095**	**104.0095**	**5.9700e-003**		**104.1348**

4.0 Operational Detail - Mobile

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	14.7236	12.9804	52.1724	0.0999	6.9870	0.1797	7.1667	1.8666	0.1651	2.0317		9,025.4093	9,025.4093	0.4059		9,033.9333
Unmitigated	14.7236	12.9804	52.1724	0.0999	6.9870	0.1797	7.1667	1.8666	0.1651	2.0317		9,025.4093	9,025.4093	0.4059		9,033.9333

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Hotel	1,381.30	1,244.50	904.40	3,086,819	3,086,819
Total	1,381.30	1,244.50	904.40	3,086,819	3,086,819

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.514499	0.060499	0.179997	0.139763	0.042095	0.006675	0.015446	0.029572	0.001914	0.002508	0.004341	0.000594	0.002098

5.0 Energy Detail

4.4 Fleet Mix

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	0.1126	1.0240	0.8602	6.1400e-003		0.0778	0.0778		0.0778	0.0778		1,228.8518	1,228.8518	0.0236	0.0225	1,236.3304
NaturalGas Unmitigated	0.1177	1.0698	0.8987	6.4200e-003		0.0813	0.0813		0.0813	0.0813		1,283.8000	1,283.8000	0.0246	0.0235	1,291.6130

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					
Hotel	10912.3	0.1177	1.0698	0.8987	6.4200e-003		0.0813	0.0813		0.0813	0.0813		1,283.8000	1,283.8000	0.0246	0.0235	1,291.6130
Total		**0.1177**	**1.0698**	**0.8987**	**6.4200e-003**		**0.0813**	**0.0813**		**0.0813**	**0.0813**		**1,283.8000**	**1,283.8000**	**0.0246**	**0.0235**	**1,291.6130**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Hotel	10.4452	0.1126	1.0240	0.8602	6.1400e-003		0.0778	0.0778		0.0778	0.0778		1,228.8518	1,228.8518	0.0236	0.0225	1,236.3304
Total		**0.1126**	**1.0240**	**0.8602**	**6.1400e-003**		**0.0778**	**0.0778**		**0.0778**	**0.0778**		**1,228.8518**	**1,228.8518**	**0.0236**	**0.0225**	**1,236.3304**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive 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	2.8430	1.9000e-004	0.0201	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0416	0.0416	1.2000e-004		0.0441
Unmitigated	2.9137	1.9000e-004	0.0201	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0416	0.0416	1.2000e-004		0.0441

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	0.7070					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.2047					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.9800e-003	1.9000e-004	0.0201	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0416	0.0416	1.2000e-004		0.0441
Total	**2.9137**	**1.9000e-004**	**0.0201**	**0.0000**		**7.0000e-005**	**7.0000e-005**		**7.0000e-005**	**7.0000e-005**		**0.0416**	**0.0416**	**1.2000e-004**		**0.0441**

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					
Consumer Products	2.2047					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.9800e-003	1.9000e-004	0.0201	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0416	0.0416	1.2000e-004		0.0441
Architectural Coating	0.6363					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.8430**	**1.9000e-004**	**0.0201**	**0.0000**		**7.0000e-005**	**7.0000e-005**		**7.0000e-005**	**7.0000e-005**		**0.0416**	**0.0416**	**1.2000e-004**		**0.0441**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

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

10.0 Vegetation

888 Sepulveda Hotel Project - El Segundo

South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hotel	190.00	Room	1.52	111,350.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	8			**Operational Year**	2015
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Lot Acreage and sf based on project design

Construction Phase - Construction schedule estimates provided by applicant.

Grading - Acres based on site plan

Trips and VMT - Grading haul lengths provided by applicant

Vehicle Trips - Trip rates taken from TIA for project

Water And Wastewater - No septic used

Construction Off-road Equipment Mitigation - Assumes compliance with ARB off-road fleet regulations

Area Mitigation - Assumes low VOC Paint

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	250	225
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	225
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	26
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstructionPhase	NumDays	10.00	35.00
tblConstructionPhase	NumDays	200.00	244.00
tblConstructionPhase	NumDays	4.00	16.00
tblConstructionPhase	NumDays	10.00	75.00
tblConstructionPhase	NumDays	2.00	15.00
tblConstructionPhase	PhaseEndDate	4/10/2015	5/8/2015

tblConstructionPhase	PhaseEndDate	7/3/2015	2/20/2015
tblConstructionPhase	PhaseStartDate	2/21/2015	3/23/2015
tblConstructionPhase	PhaseStartDate	3/22/2014	3/24/2014
tblConstructionPhase	PhaseStartDate	3/21/2015	11/10/2014
tblGrading	AcresOfGrading	6.00	1.50
tblGrading	AcresOfGrading	7.50	1.00
tblGrading	MaterialExported	0.00	300.00
tblGrading	MaterialImported	0.00	7,100.00
tblLandUse	LandUseSquareFeet	275,880.00	111,350.00
tblLandUse	LotAcreage	6.33	1.52
tblProjectCharacteristics	OperationalYear	2014	2015
tblTripsAndVMT	HaulingTripLength	20.00	10.00
tblVehicleTrips	ST_TR	8.19	6.55
tblVehicleTrips	SU_TR	5.95	4.76
tblVehicleTrips	WD_TR	8.17	7.27
tblWater	AerobicPercent	87.46	97.46
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	2.54
tblWater	SepticTankPercent	10.33	0.00

2.0 Emissions Summary

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					
2014	7.0979	40.0360	31.4025	0.0477	5.4295	2.5592	6.9137	2.9278	2.4305	4.2933	0.0000	4,625.3317	4,625.3317	0.9529	0.0000	4,645.3424
2015	74.3307	38.2676	30.4291	0.0477	0.7831	2.4137	3.1968	0.2099	2.2896	2.4994	0.0000	4,574.0572	4,574.0572	0.9224	0.0000	4,593.4268
Total	**81.4285**	**78.3036**	**61.8316**	**0.0954**	**6.2126**	**4.9728**	**10.1105**	**3.1377**	**4.7201**	**6.7928**	**0.0000**	**9,199.3889**	**9,199.3889**	**1.8753**	**0.0000**	**9,238.7692**

Mitigated 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					
2014	7.0979	40.0360	31.4025	0.0477	2.2036	2.5592	3.6187	1.0947	2.4305	2.5980	0.0000	4,625.3317	4,625.3317	0.9529	0.0000	4,645.3424
2015	74.3307	38.2676	30.4291	0.0477	0.6102	2.4137	3.0238	0.1674	2.2896	2.4570	0.0000	4,574.0571	4,574.0571	0.9224	0.0000	4,593.4268
Total	**81.4285**	**78.3036**	**61.8316**	**0.0954**	**2.8138**	**4.9728**	**6.6426**	**1.2622**	**4.7201**	**5.0550**	**0.0000**	**9,199.3889**	**9,199.3889**	**1.8753**	**0.0000**	**9,238.7692**

	ROG	**NOx**	**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	**0.00**	**0.00**	**0.00**	**0.00**	**54.71**	**0.00**	**34.30**	**59.77**	**0.00**	**25.58**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

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	2.9137	1.9000e-004	0.0201	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0416	0.0416	1.2000e-004		0.0441
Energy	0.1177	1.0698	0.8987	6.4200e-003		0.0813	0.0813		0.0813	0.0813		1,283.8000	1,283.8000	0.0246	0.0235	1,291.6130
Mobile	12.9137	12.3568	52.1183	0.1051	6.9870	0.1784	7.1654	1.8666	0.1638	2.0304		9,487.3869	9,487.3869	0.4055		9,495.9032
Total	**15.9451**	**13.4269**	**53.0370**	**0.1115**	**6.9870**	**0.2597**	**7.2468**	**1.8666**	**0.2452**	**2.1118**		**10,771.2284**	**10,771.2284**	**0.4303**	**0.0235**	**10,787.5603**

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	2.8430	1.9000e-004	0.0201	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0416	0.0416	1.2000e-004		0.0441
Energy	0.1126	1.0240	0.8602	6.1400e-003		0.0778	0.0778		0.0778	0.0778		1,228.8518	1,228.8518	0.0236	0.0225	1,236.3304
Mobile	12.9137	12.3568	52.1183	0.1051	6.9870	0.1784	7.1654	1.8666	0.1638	2.0304		9,487.3869	9,487.3869	0.4055		9,495.9032
Total	**15.8694**	**13.3811**	**52.9985**	**0.1113**	**6.9870**	**0.2563**	**7.2433**	**1.8666**	**0.2417**	**2.1083**		**10,716.2802**	**10,716.2802**	**0.4292**	**0.0225**	**10,732.2777**

	ROG	NOx	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	**0.48**	**0.34**	**0.07**	**0.25**	**0.00**	**1.34**	**0.05**	**0.00**	**1.42**	**0.16**	**0.00**	**0.51**	**0.51**	**0.25**	**4.29**	**0.51**

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	3/3/2014	3/21/2014	5	15	
2	Grading	Grading	3/24/2014	4/14/2014	5	16	
3	Building Construction	Building Construction	4/15/2014	3/20/2015	5	244	
4	Paving	Paving	11/10/2014	2/20/2015	5	75	
5	Architectural Coating	Architectural Coating	3/23/2015	5/8/2015	5	35	

Acres of Grading (Site Preparation Phase): 1

Acres of Grading (Grading Phase): 1.5

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 167,025; Non-Residential Outdoor: 55,675 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Cranes	1	6.00	226	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Site Preparation	Graders	1	8.00	174	0.41
Paving	Pavers	1	6.00	125	0.42
Paving	Rollers	1	7.00	80	0.38
Grading	Rubber Tired Dozers	1	6.00	255	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Graders	1	6.00	174	0.41
Paving	Paving Equipment	1	8.00	130	0.36
Site Preparation	Rubber Tired Dozers	1	7.00	255	0.40
Building Construction	Welders	3	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
Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	0.00	925.00	14.70	6.90	10.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	47.00	18.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	9.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Site Preparation - 2014

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					5.3400	0.0000	5.3400	2.9041	0.0000	2.9041			0.0000			0.0000
Off-Road	2.5474	27.1661	17.0975	0.0171		1.4834	1.4834		1.3647	1.3647		1,821.0895	1,821.0895	0.5382		1,832.3907
Total	**2.5474**	**27.1661**	**17.0975**	**0.0171**	**5.3400**	**1.4834**	**6.8234**	**2.9041**	**1.3647**	**4.2688**		**1,821.0895**	**1,821.0895**	**0.5382**		**1,832.3907**

3.2 Site Preparation - 2014

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	0.1861	0.0516	0.6368	1.1300e-003	0.0894	8.4000e-004	0.0903	0.0237	7.7000e-004	0.0245		101.8236	101.8236	5.8000e-003		101.9453
Total	**0.1861**	**0.0516**	**0.6368**	**1.1300e-003**	**0.0894**	**8.4000e-004**	**0.0903**	**0.0237**	**7.7000e-004**	**0.0245**		**101.8236**	**101.8236**	**5.8000e-003**		**101.9453**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.9785	0.0000	1.9785	1.0760	0.0000	1.0760			0.0000			0.0000
Off-Road	2.5474	27.1661	17.0975	0.0171		1.4834	1.4834		1.3647	1.3647	0.0000	1,821.0895	1,821.0895	0.5382		1,832.3907
Total	**2.5474**	**27.1661**	**17.0975**	**0.0171**	**1.9785**	**1.4834**	**3.4619**	**1.0760**	**1.3647**	**2.4407**	**0.0000**	**1,821.0895**	**1,821.0895**	**0.5382**		**1,832.3907**

3.2 Site Preparation - 2014

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	0.1861	0.0516	0.6368	1.1300e-003	0.0692	8.4000e-004	0.0701	0.0188	7.7000e-004	0.0195		101.8236	101.8236	5.8000e-003		101.9453
Total	**0.1861**	**0.0516**	**0.6368**	**1.1300e-003**	**0.0692**	**8.4000e-004**	**0.0701**	**0.0188**	**7.7000e-004**	**0.0195**		**101.8236**	**101.8236**	**5.8000e-003**		**101.9453**

3.3 Grading - 2014

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					4.6683	0.0000	4.6683	2.5013	0.0000	2.5013			0.0000			0.0000
Off-Road	2.0759	22.1752	14.1657	0.0141		1.2106	1.2106		1.1138	1.1138		1,495.6888	1,495.6888	0.4420		1,504.9706
Total	**2.0759**	**22.1752**	**14.1657**	**0.0141**	**4.6683**	**1.2106**	**5.8789**	**2.5013**	**1.1138**	**3.6151**		**1,495.6888**	**1,495.6888**	**0.4420**		**1,504.9706**

3.3 Grading - 2014

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	1.7356	10.9175	10.5765	0.0220	0.5042	0.2037	0.7078	0.1381	0.1873	0.3254		2,252.1034	2,252.1034	0.0203		2,252.5293
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	0.1861	0.0516	0.6368	1.1300e-003	0.0894	8.4000e-004	0.0903	0.0237	7.7000e-004	0.0245		101.8236	101.8236	5.8000e-003		101.9453
Total	**1.9217**	**10.9691**	**11.2133**	**0.0231**	**0.5936**	**0.2045**	**0.7981**	**0.1618**	**0.1881**	**0.3499**		**2,353.9270**	**2,353.9270**	**0.0261**		**2,354.4745**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.7296	0.0000	1.7296	0.9267	0.0000	0.9267			0.0000			0.0000
Off-Road	2.0759	22.1752	14.1657	0.0141		1.2106	1.2106		1.1138	1.1138	0.0000	1,495.6887	1,495.6887	0.4420		1,504.9706
Total	**2.0759**	**22.1752**	**14.1657**	**0.0141**	**1.7296**	**1.2106**	**2.9402**	**0.9267**	**1.1138**	**2.0405**	**0.0000**	**1,495.6887**	**1,495.6887**	**0.4420**		**1,504.9706**

3.3 Grading - 2014

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	1.7356	10.9175	10.5765	0.0220	0.4048	0.2037	0.6085	0.1137	0.1873	0.3010		2,252.1034	2,252.1034	0.0203		2,252.5293
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	0.1861	0.0516	0.6368	1.1300e-003	0.0692	8.4000e-004	0.0701	0.0188	7.7000e-004	0.0195		101.8236	101.8236	5.8000e-003		101.9453
Total	**1.9217**	**10.9691**	**11.2133**	**0.0231**	**0.4740**	**0.2045**	**0.6785**	**0.1325**	**0.1881**	**0.3205**		**2,353.9270**	**2,353.9270**	**0.0261**		**2,354.4745**

3.4 Building Construction - 2014

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	3.9077	22.5327	15.3098	0.0220		1.5957	1.5957		1.5432	1.5432		2,064.0797	2,064.0797	0.5005		2,074.5893
Total	**3.9077**	**22.5327**	**15.3098**	**0.0220**		**1.5957**	**1.5957**		**1.5432**	**1.5432**		**2,064.0797**	**2,064.0797**	**0.5005**		**2,074.5893**

3.4 Building Construction - 2014

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	0.3637	2.0176	2.1567	3.9300e-003	0.1124	0.0400	0.1525	0.0320	0.0368	0.0688		401.2661	401.2661	3.5300e-003		401.3402
Worker	1.0936	0.3032	3.7412	6.6600e-003	0.5254	4.9500e-003	0.5303	0.1393	4.5300e-003	0.1439		598.2134	598.2134	0.0341		598.9285
Total	**1.4572**	**2.3208**	**5.8979**	**0.0106**	**0.6378**	**0.0450**	**0.6828**	**0.1714**	**0.0413**	**0.2127**		**999.4795**	**999.4795**	**0.0376**		**1,000.2687**

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	3.9077	22.5327	15.3098	0.0220		1.5957	1.5957		1.5432	1.5432	0.0000	2,064.0797	2,064.0797	0.5005		2,074.5893
Total	**3.9077**	**22.5327**	**15.3098**	**0.0220**		**1.5957**	**1.5957**		**1.5432**	**1.5432**	**0.0000**	**2,064.0797**	**2,064.0797**	**0.5005**		**2,074.5893**

3.4 Building Construction - 2014

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	0.3637	2.0176	2.1567	3.9300e-003	0.0911	0.0400	0.1311	0.0268	0.0368	0.0636		401.2661	401.2661	3.5300e-003		401.3402
Worker	1.0936	0.3032	3.7412	6.6600e-003	0.4066	4.9500e-003	0.4116	0.1102	4.5300e-003	0.1147		598.2134	598.2134	0.0341		598.9285
Total	**1.4572**	**2.3208**	**5.8979**	**0.0106**	**0.4977**	**0.0450**	**0.5427**	**0.1370**	**0.0413**	**0.1783**		**999.4795**	**999.4795**	**0.0376**		**1,000.2687**

3.4 Building Construction - 2015

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	3.6000	21.5642	15.0041	0.0220		1.4851	1.4851		1.4344	1.4344		2,055.6247	2,055.6247	0.4741		2,065.5812
Total	**3.6000**	**21.5642**	**15.0041**	**0.0220**		**1.4851**	**1.4851**		**1.4344**	**1.4344**		**2,055.6247**	**2,055.6247**	**0.4741**		**2,065.5812**

3.4 Building Construction - 2015

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	0.3089	1.7601	1.9480	3.9200e-003	0.1125	0.0308	0.1432	0.0320	0.0283	0.0603		396.8230	396.8230	3.1000e-003		396.8881
Worker	1.0156	0.2721	3.3743	6.6600e-003	0.5254	4.6200e-003	0.5300	0.1393	4.2400e-003	0.1436		578.9924	578.9924	0.0312		579.6471
Total	**1.3245**	**2.0323**	**5.3223**	**0.0106**	**0.6378**	**0.0354**	**0.6732**	**0.1714**	**0.0325**	**0.2039**		**975.8154**	**975.8154**	**0.0343**		**976.5352**

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	3.6000	21.5642	15.0041	0.0220		1.4851	1.4851		1.4344	1.4344	0.0000	2,055.6247	2,055.6247	0.4741		2,065.5812
Total	**3.6000**	**21.5642**	**15.0041**	**0.0220**		**1.4851**	**1.4851**		**1.4344**	**1.4344**	**0.0000**	**2,055.6247**	**2,055.6247**	**0.4741**		**2,065.5812**

3.4 Building Construction - 2015

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	0.3089	1.7601	1.9480	3.9200e-003	0.0911	0.0308	0.1219	0.0268	0.0283	0.0551		396.8230	396.8230	3.1000e-003		396.8881
Worker	1.0156	0.2721	3.3743	6.6600e-003	0.4066	4.6200e-003	0.4112	0.1102	4.2400e-003	0.1144		578.9924	578.9924	0.0312		579.6471
Total	**1.3245**	**2.0323**	**5.3223**	**0.0106**	**0.4977**	**0.0354**	**0.5331**	**0.1370**	**0.0325**	**0.1695**		**975.8154**	**975.8154**	**0.0343**		**976.5352**

3.5 Paving - 2014

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	1.4305	15.0987	9.1601	0.0133		0.9172	0.9172		0.8447	0.8447		1,396.3094	1,396.3094	0.4054		1,404.8234
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.4305**	**15.0987**	**9.1601**	**0.0133**		**0.9172**	**0.9172**		**0.8447**	**0.8447**		**1,396.3094**	**1,396.3094**	**0.4054**		**1,404.8234**

3.5 Paving - 2014

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	0.3025	0.0839	1.0348	1.8400e-003	0.1453	1.3700e-003	0.1467	0.0385	1.2500e-003	0.0398		165.4633	165.4633	9.4200e-003		165.6611
Total	**0.3025**	**0.0839**	**1.0348**	**1.8400e-003**	**0.1453**	**1.3700e-003**	**0.1467**	**0.0385**	**1.2500e-003**	**0.0398**		**165.4633**	**165.4633**	**9.4200e-003**		**165.6611**

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	1.4305	15.0987	9.1601	0.0133		0.9172	0.9172		0.8447	0.8447	0.0000	1,396.3094	1,396.3094	0.4054		1,404.8234
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.4305**	**15.0987**	**9.1601**	**0.0133**		**0.9172**	**0.9172**		**0.8447**	**0.8447**	**0.0000**	**1,396.3094**	**1,396.3094**	**0.4054**		**1,404.8234**

3.5 Paving - 2014

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	0.3025	0.0839	1.0348	1.8400e-003	0.1125	1.3700e-003	0.1138	0.0305	1.2500e-003	0.0317		165.4633	165.4633	9.4200e-003		165.6611
Total	**0.3025**	**0.0839**	**1.0348**	**1.8400e-003**	**0.1125**	**1.3700e-003**	**0.1138**	**0.0305**	**1.2500e-003**	**0.0317**		**165.4633**	**165.4633**	**9.4200e-003**		**165.6611**

3.5 Paving - 2015

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	1.4041	14.5959	9.1695	0.0133		0.8919	0.8919		0.8215	0.8215		1,382.4703	1,382.4703	0.4054		1,390.9826
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.4041**	**14.5959**	**9.1695**	**0.0133**		**0.8919**	**0.8919**		**0.8215**	**0.8215**		**1,382.4703**	**1,382.4703**	**0.4054**		**1,390.9826**

3.5 Paving - 2015

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	0.2809	0.0753	0.9333	1.8400e-003	0.1453	1.2800e-003	0.1466	0.0385	1.1700e-003	0.0397		160.1468	160.1468	8.6200e-003		160.3279
Total	**0.2809**	**0.0753**	**0.9333**	**1.8400e-003**	**0.1453**	**1.2800e-003**	**0.1466**	**0.0385**	**1.1700e-003**	**0.0397**		**160.1468**	**160.1468**	**8.6200e-003**		**160.3279**

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	1.4041	14.5959	9.1695	0.0133		0.8919	0.8919		0.8215	0.8215	0.0000	1,382.4703	1,382.4703	0.4054		1,390.9826
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.4041**	**14.5959**	**9.1695**	**0.0133**		**0.8919**	**0.8919**		**0.8215**	**0.8215**	**0.0000**	**1,382.4703**	**1,382.4703**	**0.4054**		**1,390.9826**

3.5 Paving - 2015

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	0.2809	0.0753	0.9333	1.8400e-003	0.1125	1.2800e-003	0.1137	0.0305	1.1700e-003	0.0317		160.1468	160.1468	8.6200e-003		160.3279
Total	**0.2809**	**0.0753**	**0.9333**	**1.8400e-003**	**0.1125**	**1.2800e-003**	**0.1137**	**0.0305**	**1.1700e-003**	**0.0317**		**160.1468**	**160.1468**	**8.6200e-003**		**160.3279**

3.6 Architectural Coating - 2015

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	73.7296					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4066	2.5703	1.9018	2.9700e-003		0.2209	0.2209		0.2209	0.2209		281.4481	281.4481	0.0367		282.2177
Total	**74.1362**	**2.5703**	**1.9018**	**2.9700e-003**		**0.2209**	**0.2209**		**0.2209**	**0.2209**		**281.4481**	**281.4481**	**0.0367**		**282.2177**

3.6 Architectural Coating - 2015

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	0.1945	0.0521	0.6461	1.2800e-003	0.1006	8.9000e-004	0.1015	0.0267	8.1000e-004	0.0275		110.8709	110.8709	5.9700e-003		110.9962
Total	**0.1945**	**0.0521**	**0.6461**	**1.2800e-003**	**0.1006**	**8.9000e-004**	**0.1015**	**0.0267**	**8.1000e-004**	**0.0275**		**110.8709**	**110.8709**	**5.9700e-003**		**110.9962**

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	73.7296					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4066	2.5703	1.9018	2.9700e-003		0.2209	0.2209		0.2209	0.2209	0.0000	281.4481	281.4481	0.0367		282.2177
Total	**74.1362**	**2.5703**	**1.9018**	**2.9700e-003**		**0.2209**	**0.2209**		**0.2209**	**0.2209**	**0.0000**	**281.4481**	**281.4481**	**0.0367**		**282.2177**

3.6 Architectural Coating - 2015

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	0.1945	0.0521	0.6461	1.2800e-003	0.0779	8.9000e-004	0.0788	0.0211	8.1000e-004	0.0219		110.8709	110.8709	5.9700e-003		110.9962
Total	**0.1945**	**0.0521**	**0.6461**	**1.2800e-003**	**0.0779**	**8.9000e-004**	**0.0788**	**0.0211**	**8.1000e-004**	**0.0219**		**110.8709**	**110.8709**	**5.9700e-003**		**110.9962**

4.0 Operational Detail - Mobile

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	12.9137	12.3568	52.1183	0.1051	6.9870	0.1784	7.1654	1.8666	0.1638	2.0304		9,487.3869	9,487.3869	0.4055		9,495.9032
Unmitigated	12.9137	12.3568	52.1183	0.1051	6.9870	0.1784	7.1654	1.8666	0.1638	2.0304		9,487.3869	9,487.3869	0.4055		9,495.9032

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Hotel	1,381.30	1,244.50	904.40	3,086,819	3,086,819
Total	1,381.30	1,244.50	904.40	3,086,819	3,086,819

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.514499	0.060499	0.179997	0.139763	0.042095	0.006675	0.015446	0.029572	0.001914	0.002508	0.004341	0.000594	0.002098

4.4 Fleet Mix

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	0.1126	1.0240	0.8602	6.1400e-003		0.0778	0.0778		0.0778	0.0778		1,228.8518	1,228.8518	0.0236	0.0225	1,236.3304
NaturalGas Unmitigated	0.1177	1.0698	0.8987	6.4200e-003		0.0813	0.0813		0.0813	0.0813		1,283.8000	1,283.8000	0.0246	0.0235	1,291.6130

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					
Hotel	10912.3	0.1177	1.0698	0.8987	6.4200e-003		0.0813	0.0813		0.0813	0.0813		1,283.8000	1,283.8000	0.0246	0.0235	1,291.6130
Total		**0.1177**	**1.0698**	**0.8987**	**6.4200e-003**		**0.0813**	**0.0813**		**0.0813**	**0.0813**		**1,283.8000**	**1,283.8000**	**0.0246**	**0.0235**	**1,291.6130**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Hotel	10.4452	0.1126	1.0240	0.8602	6.1400e-003		0.0778	0.0778		0.0778	0.0778		1,228.8518	1,228.8518	0.0236	0.0225	1,236.3304
Total		**0.1126**	**1.0240**	**0.8602**	**6.1400e-003**		**0.0778**	**0.0778**		**0.0778**	**0.0778**		**1,228.8518**	**1,228.8518**	**0.0236**	**0.0225**	**1,236.3304**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive 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	2.8430	1.9000e-004	0.0201	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0416	0.0416	1.2000e-004		0.0441
Unmitigated	2.9137	1.9000e-004	0.0201	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0416	0.0416	1.2000e-004		0.0441

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	0.7070					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.2047					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.9800e-003	1.9000e-004	0.0201	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0416	0.0416	1.2000e-004		0.0441
Total	**2.9137**	**1.9000e-004**	**0.0201**	**0.0000**		**7.0000e-005**	**7.0000e-005**		**7.0000e-005**	**7.0000e-005**		**0.0416**	**0.0416**	**1.2000e-004**		**0.0441**

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					
Consumer Products	2.2047					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.9800e-003	1.9000e-004	0.0201	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0416	0.0416	1.2000e-004		0.0441
Architectural Coating	0.6363					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.8430**	**1.9000e-004**	**0.0201**	**0.0000**		**7.0000e-005**	**7.0000e-005**		**7.0000e-005**	**7.0000e-005**		**0.0416**	**0.0416**	**1.2000e-004**		**0.0441**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

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

10.0 Vegetation

tblProjectCharacteristics

ProjectName	LocationScope	EMFAC_ID	WindSpeed	PrecipitationFrequency
888 Sepulveda Hotel Project - El Segundo	AD	SCAQMD	2.2	31

ClimateZone	UrbanizationLevel	OperationalYear	UtilityCompany	CO2IntensityFactor
8	Urban	2015	Southern California Edison	630.89

CH4IntensityFactor	N2OIntensityFactor	TotalPopulation	TotalLotAcreage	UsingHistoricalEnergyUseData
0.029	0.006	0	2.56	0

tblPollutants

PollutantSelection	PollutantFullName	PollutantName
1	Reactive Organic Gases (ROG)	ROG
1	Nitrogen Oxides (NOx)	NOX
1	Carbon Monoxide (CO)	CO
1	Sulfur Dioxide (SO2)	SO2
1	Particulate Matter 10um (PM10)	PM10
1	Particulate Matter 2.5um (PM2.5)	PM2_5
1	Fugitive PM10um (PM10)	PM10_FUG
1	Fugitive PM2.5um (PM2.5)	PM25_FUG
1	Biogenic Carbon Dioxide (CO2)	CO2_BIO
1	Non-Biogenic Carbon Dioxide (CO2)	CO2_NBIO
1	Carbon Dioxide (CO2)	CO2
1	Methane (CH4)	CH4
1	Nitrous Oxide (N2O)	N2O
1	CO2 Equivalent GHGs (CO2e)	CO2E

tblLandUse

LandUseType	LandUseSubType	LandUseUnitAmount	LandUseSizeMetric	LotAcreage	LandUseSquareFeet	Population
Parking	Enclosed Parking with Elevator	505	Space	1.04	261044	0
Recreational	Hotel	190	Room	1.52	111350	0

tblConstructionPhase

PhaseNumber	PhaseName	PhaseType	PhaseStartDate
1	grading	Grading	2014/01/01

PhaseEndDate	NumDaysWeek	NumDays	PhaseDescription
2014/01/01	5	1	

tblOffRoadEquipment

PhaseName	OffRoadEquipmentType	OffRoadEquipmentUnitAmount	UsageHours	HorsePower	LoadFactor
grading	Graders	1	8	174	0.41
grading	Rubber Tired Dozers	1	8	255	0.4
grading	Tractors/Loaders/Backhoes	2	7	97	0.37

tblTripsAndVMT

PhaseName	WorkerTripNumber	VendorTripNumber	HaulingTripNumber
grading	10	0	0

WorkerTripLength	VendorTripLength	HaulingTripLength	WorkerVehicleClass
14.7	6.9	20	LD_Mix

VendorVehicleClass	HaulingVehicleClass
HDT_Mix	HHDT

tblOnRoadDust

PhaseName	WorkerPercentPave	VendorPercentPave
grading	100	100

HaulingPercentPave	RoadSiltLoading	MaterialSiltContent
100	0.1	8.5

MaterialMoistureContent	AverageVehicleWeight	MeanVehicleSpeed
0.5	2.4	40

tblDemolition

PhaseName	DemolitionSizeMetric	DemolitionUnitAmount

tblGrading

PhaseName	MaterialImported	MaterialExported	GradingSizeMetric	ImportExportPhased
grading	0	0		0

MeanVehicleSpeed	AcresOfGrading	MaterialMoistureContentBulldozing	MaterialMoistureContentTruckLoading	MaterialSiltContent
7.1	0.5	7.9	12	6.9

tblArchitecturalCoating

PhaseName	ArchitecturalCoatingStartDate	ArchitecturalCoatingEndDate	EF_Residential_Interior

ConstArea_Residential_Interior	EF_Residential_Exterior	ConstArea_Residential_Exterior	EF_Nonresidential_Interior

ConstArea_Nonresidential_Interior	EF_Nonresidential_Exterior	ConstArea_Nonresidential_Exterior

tblPaving

ParkingLotAcreage

tblVehicleTrips

VehicleTripsLandUseSubType	VehicleTripsLandUseSizeMetric	WD_TR	ST_TR	SU_TR	HW_TL	HS_TL	HO_TL	CC_TL	CW_TL	CNW_TL	PR_TP	DV_TP	PB_TP	HW_TTP	HS_TTP	HO_TTP	CC_TTP	CW_TTP	CNW_TTP
Enclosed Parking with Elevator	Space	0.46	0.4	0.4	0	0	0	8.4	16.6	6.9	0	0	0	0	0	0	0	0	0
Hotel	Room	7.27	7.24	5.29	0	0	0	8.4	16.6	6.9	58	38	4	0	0	0	61.6	19.4	19

Season	EmissionType	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
A	FleetMix	0.514499	0.060499	0.179997	0.139763	0.042095	0.006675	0.015446	0.029572	0.001914	0.002508	0.004341	0.000594	0.002098
A	CH4_IDLEX	0	0	0	0	0.001309	0.001023	0.007624	0.024528	0.018472	0	0	0.005424	0
A	CH4_RUNEX	0.013984	0.029514	0.019657	0.030056	0.016394	0.011954	0.005872	0.01213	0.003081	0	0	0.007712	0
A	CH4_STREX	0.010839	0.025416	0.014671	0.025703	0.02727	0.017952	0	0	0	0	0	0	0
A	CO_IDLEX	0	0	0	0	0.190064	0.152757	1.836153	2.871608	2.240681	0	0	1.05372	0
A	CO_RUNEX	1.233474	3.189989	1.739629	2.486494	1.63021	1.189601	1.373582	1.934274	1.632938	5.524531	23.495508	5.135838	5.101083
A	CO_STREX	2.353874	5.693141	3.413938	5.206356	5.255995	3.391635	21.332757	64.369068	11.409411	10.884497	9.784148	34.385192	9.556879
A	CO2_NBIO_IDLEX	0	0	0	0	8.332614	9.178367	608.920432	571.324293	576.199581	0	0	576.185345	0
A	CO2_NBIO_RUNEX	308.212585	363.470979	438.806245	569.400369	576.196465	555.270558	998.23524	1662.819965	1089.859137	2143.365925	146.800774	1136.115926	657.208031
A	CO2_NBIO_STREX	64.829833	75.690488	91.133106	117.952064	44.555746	30.726279	59.236621	62.554688	37.01571	29.696387	44.886823	130.61329	32.339246
A	NOX_IDLEX	0	0	0	0	0.045728	0.09691	6.682209	5.33745	6.457943	0	0	8.137056	0
A	NOX_RUNEX	0.110055	0.312796	0.203818	0.320636	1.416374	2.274808	3.731903	6.93817	4.826998	13.194861	1.191712	8.334269	1.761286
A	NOX_STREX	0.159103	0.327401	0.327752	0.506279	1.457145	0.977107	2.187072	3.901161	1.538267	1.232285	0.306462	2.274502	0.900295
A	PM10_IDLEX	0	0	0	0	0.000488	0.001068	0.02811	0.022337	0.022314	0	0	0.02741	0
A	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.046153	0.062741	0.11256	0.060052	0.094097	0.679664	0.036749	0.574428	0.050551
A	PM10_PMTW	0.008	0.008	0.008	0.008	0.008948	0.009983	0.01124	0.03473	0.010451	0.008	0.008	0.011038	0.00859
A	PM10_RUNEX	0.002056	0.004908	0.002107	0.002358	0.008642	0.016542	0.093253	0.121195	0.063139	0.209684	0.000578	0.088393	0.029094
A	PM10_STREX	0.002808	0.005384	0.002799	0.003289	0.00141	0.000939	0.003758	0.003922	0.001248	0.000836	0.001854	0.00737	0.00179
A	PM25_IDLEX	0	0	0	0	0.000449	0.000982	0.025861	0.02055	0.020529	0	0	0.025217	0
A	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.01978	0.026889	0.04824	0.025737	0.040327	0.291285	0.01575	0.246184	0.021665
A	PM25_PMTW	0.002	0.002	0.002	0.002	0.002237	0.002496	0.00281	0.008682	0.002613	0.002	0.002	0.002759	0.002147
A	PM25_RUNEX	0.001881	0.004504	0.001933	0.002168	0.007953	0.015216	0.085789	0.111499	0.058087	0.192889	0.000467	0.081246	0.026727
A	PM25_STREX	0.002568	0.004943	0.002573	0.003029	0.001291	0.000844	0.003176	0.003151	0.001076	0.000743	0.001467	0.006316	0.001546
A	ROG_DIURN	0.066402	0.189701	0.077836	0.089694	0.003055	0.001955	0.003664	0.002617	0.001084	0.005873	0.999598	0.040185	1.405902
A	ROG_HTSK	0.14692	0.32917	0.168393	0.195309	0.076216	0.052279	0.148396	0.146196	0.030425	0.104047	0.47086	0.287265	0.090027
A	ROG_IDLEX	0	0	0	0	0.030443	0.023575	0.16415	0.528083	0.397688	0	0	0.116768	0
A	ROG_RESTL	0.054554	0.136894	0.066595	0.080483	0.001725	0.001108	0.002103	0.001662	0.000524	0.00321	0.572527	0.016957	0.543208
A	ROG_RUNEX	0.035351	0.097338	0.044946	0.071591	0.116884	0.109968	0.168477	0.274802	0.16882	0.826002	2.51152	0.436072	0.164067
A	ROG_RUNLS	0.329804	1.166493	0.541766	0.61118	0.445414	0.299477	0.617851	0.571991	0.308148	0.717582	1.628305	2.250725	2.067505
A	ROG_STREX	0.18834	0.445148	0.257689	0.452871	0.480847	0.313738	1.440778	2.38542	0.73497	0.796077	2.134906	2.363626	0.588984
A	SO2_IDLEX	0	0	0	0	0.000088	0.000094	0.005958	0.00559	0.005638	0	0	0.005638	0
A	SO2_RUNEX	0.003609	0.00417	0.004911	0.006213	0.005871	0.005586	0.009834	0.016287	0.010788	0.021114	0.001953	0.011277	0.00674
A	SO2_STREX	0.000776	0.000943	0.00106	0.001357	0.000554	0.000378	0.000987	0.001726	0.000581	0.0005	0.000681	0.001952	0.0005
A	TOG_DIURN	0.066402	0.189701	0.077836	0.089694	0.003055	0.001955	0.003664	0.002617	0.001084	0.005873	0.999598	0.040185	1.405902
A	TOG_HTSK	0.14692	0.32917	0.168393	0.195309	0.076216	0.052279	0.148396	0.146196	0.030425	0.104047	0.47086	0.287265	0.090027
A	TOG_IDLEX	0	0	0	0	0.03235	0.025262	0.186873	0.601183	0.452737	0	0	0.132932	0
A	TOG_RESTL	0.054554	0.136894	0.066595	0.080483	0.001725	0.001108	0.002103	0.001662	0.000524	0.00321	0.572527	0.016957	0.543208
A	TOG_RUNEX	0.049912	0.128354	0.065324	0.102752	0.13759	0.128711	0.193707	0.313538	0.197872	0.920387	2.755048	0.485774	0.196115
A	TOG_RUNLS	0.329804	1.166493	0.541766	0.61118	0.445414	0.299477	0.617851	0.571991	0.308148	0.717582	1.628305	2.250725	2.067505
A	TOG_STREX	0.201307	0.475598	0.275275	0.483697	0.513556	0.335238	1.542818	2.556696	0.785914	0.850607	2.295552	2.530875	0.630464
S	FleetMix	0.514499	0.060499	0.179997	0.139763	0.042095	0.006675	0.015446	0.029572	0.001914	0.002508	0.004341	0.000594	0.002098
S	CH4_IDLEX	0	0	0	0	0.001309	0.001023	0.007185	0.023116	0.017408	0	0	0.005111	0
S	CH4_RUNEX	0.013984	0.029514	0.019657	0.030056	0.016394	0.011954	0.005872	0.01213	0.003081	0	0	0.007712	0
S	CH4_STREX	0.010839	0.025416	0.014671	0.025703	0.02727	0.017952	0	0	0	0	0	0	0
S	CO_IDLEX	0	0	0	0	0.190064	0.152756	1.334224	2.086629	1.628171	0	0	0.765677	0
S	CO_RUNEX	1.350882	3.453577	1.905978	2.728272	1.656744	1.198792	1.380654	1.944328	1.656457	5.55465	22.684238	5.105164	5.148108
S	CO_STREX	1.868119	4.517537	2.699157	4.111903	4.259587	2.777588	17.587788	53.891387	9.346911	9.183033	8.738903	29.5561	7.621596
S	CO2_NBIO_IDLEX	0	0	0	0	8.332614	9.178367	645.097383	605.267596	610.432532	0	0	610.417451	0
S	CO2_NBIO_RUNEX	324.06492	381.257222	460.796131	598.471554	576.196459	555.270551	998.235235	1662.819964	1089.859128	2143.365925	146.800774	1136.115939	657.208019
S	CO2_NBIO_STREX	64.829834	75.690489	91.133105	117.952065	44.555747	30.726279	59.236621	62.554688	37.01571	29.696388	44.886823	130.613294	32.339247
S	NOX_IDLEX	0	0	0	0	0.045728	0.09691	6.897161	5.509144	6.665681	0	0	8.398808	0
S	NOX_RUNEX	0.09727	0.274387	0.179725	0.283025	1.31395	2.138796	3.508187	6.557672	4.535044	12.429094	1.036711	7.838125	1.607728
S	NOX_STREX	0.147973	0.30427	0.304804	0.470634	1.401942	0.940016	2.099169	3.74208	1.476893	1.177907	0.290277	2.150793	0.864345
S	PM10_IDLEX	0	0	0	0	0.000488	0.001068	0.023696	0.01883	0.018811	0	0	0.023107	0
S	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.046153	0.062741	0.11256	0.060052	0.094097	0.679664	0.036749	0.574428	0.050551
S	PM10_PMTW	0.008	0.008	0.008	0.008	0.008948	0.009983	0.01124	0.03473	0.010451	0.008	0.008	0.011038	0.00859

Season	EmissionType	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
S	PM10_RUNEX	0.002056	0.004908	0.002107	0.002358	0.008642	0.016542	0.093253	0.121195	0.063139	0.209684	0.000578	0.088393	0.029094
S	PM10_STREX	0.002808	0.005384	0.002799	0.003289	0.00141	0.000939	0.003758	0.003922	0.001248	0.000836	0.001854	0.00737	0.00179
S	PM25_IDLEX	0	0	0	0	0.000449	0.000982	0.021801	0.017324	0.017306	0	0	0.021258	0
S	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.01978	0.026889	0.04824	0.025737	0.040327	0.291285	0.01575	0.246184	0.021665
S	PM25_PMTW	0.002	0.002	0.002	0.002	0.002237	0.002496	0.00281	0.008682	0.002613	0.002	0.002	0.002759	0.002147
S	PM25_RUNEX	0.001881	0.004504	0.001933	0.002168	0.007953	0.015216	0.085789	0.111499	0.058087	0.192889	0.000467	0.081246	0.026727
S	PM25_STREX	0.002568	0.004943	0.002573	0.003029	0.001291	0.000844	0.003176	0.003151	0.001076	0.000743	0.001467	0.006316	0.001546
S	ROG_DIURN	0.106937	0.310496	0.126009	0.146254	0.004832	0.00306	0.005753	0.004301	0.001692	0.008697	1.700317	0.061434	2.183595
S	ROG_HTSK	0.155669	0.358306	0.179941	0.208545	0.082417	0.056164	0.155025	0.151308	0.031846	0.107985	0.561483	0.292874	0.094741
S	ROG_IDLEX	0	0	0	0	0.030443	0.023575	0.154696	0.497669	0.374783	0	0	0.110043	0
S	ROG_RESTL	0.084087	0.217884	0.102674	0.124565	0.002767	0.001756	0.003374	0.002841	0.000815	0.00494	1.085294	0.026954	0.872502
S	ROG_RUNEX	0.036348	0.100738	0.046745	0.075462	0.119071	0.110744	0.169056	0.275038	0.169948	0.834999	2.434698	0.437395	0.164617
S	ROG_RUNLS	0.31515	1.093856	0.508247	0.577209	0.436118	0.291869	0.603843	0.566792	0.301618	0.672654	1.535435	2.074873	2.031341
S	ROG_STREX	0.160037	0.378639	0.2195	0.385076	0.425075	0.277672	1.250518	2.040298	0.647208	0.713405	1.867254	2.084582	0.497069
S	SO2_IDLEX	0	0	0	0	0.000088	0.000094	0.006312	0.005923	0.005973	0	0	0.005973	0
S	SO2_RUNEX	0.003797	0.004379	0.00516	0.006534	0.005871	0.005587	0.009834	0.016287	0.010788	0.021114	0.001938	0.011277	0.006741
S	SO2_STREX	0.000767	0.000922	0.001048	0.001338	0.000536	0.000367	0.000922	0.001551	0.000546	0.000471	0.000656	0.001867	0.000466
S	TOG_DIURN	0.106937	0.310496	0.126009	0.146254	0.004832	0.00306	0.005753	0.004301	0.001692	0.008697	1.700317	0.061434	2.183595
S	TOG_HTSK	0.155669	0.358306	0.179941	0.208545	0.082417	0.056164	0.155025	0.151308	0.031846	0.107985	0.561483	0.292874	0.094741
S	TOG_IDLEX	0	0	0	0	0.03235	0.025262	0.17611	0.566558	0.426662	0	0	0.125276	0
S	TOG_RESTL	0.084087	0.217884	0.102674	0.124565	0.002767	0.001756	0.003374	0.002841	0.000815	0.00494	1.085294	0.026954	0.872502
S	TOG_RUNEX	0.051697	0.132929	0.068158	0.107954	0.14002	0.129611	0.194354	0.313797	0.19914	0.929912	2.674178	0.487223	0.196917
S	TOG_RUNLS	0.31515	1.093856	0.508247	0.577209	0.436118	0.291869	0.603843	0.566792	0.301618	0.672654	1.535435	2.074873	2.031341
S	TOG_STREX	0.17106	0.404544	0.234481	0.41129	0.453984	0.29669	1.338953	2.186635	0.692039	0.762252	2.007642	2.231743	0.53206
W	FleetMix	0.514499	0.060499	0.179997	0.139763	0.042095	0.006675	0.015446	0.029572	0.001914	0.002508	0.004341	0.000594	0.002098
W	CH4_IDLEX	0	0	0	0	0.001309	0.001023	0.008231	0.026479	0.019941	0	0	0.005855	0
W	CH4_RUNEX	0.013984	0.029514	0.019657	0.030056	0.016394	0.011954	0.005872	0.01213	0.003081	0	0	0.007712	0
W	CH4_STREX	0.010839	0.025416	0.014671	0.025703	0.02727	0.017952	0	0	0	0	0	0	0
W	CO_IDLEX	0	0	0	0	0.190064	0.152756	2.529293	3.955628	3.086528	0	0	1.451495	0
W	CO_RUNEX	1.193516	3.100688	1.684197	2.407556	1.624424	1.186618	1.370893	1.931917	1.623723	5.51775	23.371998	5.120318	5.084938
W	CO_STREX	2.433359	5.864449	3.527735	5.365933	5.306769	3.437683	21.772496	65.087304	11.624986	11.025507	9.827199	35.310007	9.600634
W	CO2_NBIO_IDLEX	0	0	0	0	8.332614	9.178367	558.961786	524.450208	528.925504	0	0	528.912437	0
W	CO2_NBIO_RUNEX	303.274273	358.142873	432.029902	560.763704	576.196459	555.270551	998.235235	1662.819964	1089.859128	2143.365925	146.800774	1136.115939	657.208019
W	CO2_NBIO_STREX	64.829834	75.690489	91.133105	117.952065	44.555747	30.726279	59.236621	62.554688	37.01571	29.696388	44.886823	130.613294	32.339247
W	NOX_IDLEX	0	0	0	0	0.045728	0.09691	6.38537	5.100348	6.171066	0	0	7.77559	0
W	NOX_RUNEX	0.106433	0.302816	0.197086	0.309883	1.388776	2.234735	3.662149	6.824618	4.73854	12.941701	1.159392	8.195525	1.722599
W	NOX_STREX	0.161047	0.33106	0.331685	0.511887	1.462705	0.981562	2.201793	3.919972	1.547748	1.239148	0.308334	2.301931	0.903018
W	PM10_IDLEX	0	0	0	0	0.000488	0.001068	0.034204	0.027179	0.027152	0	0	0.033352	0
W	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.046153	0.062741	0.11256	0.060052	0.094097	0.679664	0.036749	0.574428	0.050551
W	PM10_PMTW	0.008	0.008	0.008	0.008	0.008948	0.009983	0.01124	0.03473	0.010451	0.008	0.008	0.011038	0.00859
W	PM10_RUNEX	0.002056	0.004908	0.002107	0.002358	0.008642	0.016542	0.093253	0.121195	0.063139	0.209684	0.000578	0.088393	0.029094
W	PM10_STREX	0.002808	0.005384	0.002799	0.003289	0.00141	0.000939	0.003758	0.003922	0.001248	0.000836	0.001854	0.00737	0.00179
W	PM25_IDLEX	0	0	0	0	0.000449	0.000982	0.031467	0.025005	0.02498	0	0	0.030684	0
W	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.01978	0.026889	0.04824	0.025737	0.040327	0.291285	0.01575	0.246184	0.021665
W	PM25_PMTW	0.002	0.002	0.002	0.002	0.002237	0.002496	0.00281	0.008682	0.002613	0.002	0.002	0.002759	0.002147
W	PM25_RUNEX	0.001881	0.004504	0.001933	0.002168	0.007953	0.015216	0.085789	0.111499	0.058087	0.192889	0.000467	0.081246	0.026727
W	PM25_STREX	0.002568	0.004943	0.002573	0.003029	0.001291	0.000844	0.003176	0.003151	0.001076	0.000743	0.001467	0.006316	0.001546
W	ROG_DIURN	0.067842	0.198859	0.078401	0.089081	0.003369	0.002144	0.00411	0.002907	0.001186	0.006858	1.127888	0.047474	1.666334
W	ROG_HTSK	0.166957	0.383619	0.189492	0.216372	0.089406	0.061396	0.182742	0.187402	0.035009	0.132355	0.623192	0.361068	0.118237
W	ROG_IDLEX	0	0	0	0	0.030443	0.023575	0.177206	0.570084	0.429318	0	0	0.126055	0
W	ROG_RESTL	0.053212	0.133717	0.064685	0.078352	0.001771	0.001126	0.002194	0.001738	0.00054	0.003517	0.567437	0.01842	0.588696
W	ROG_RUNEX	0.0349	0.095978	0.044277	0.07031	0.116392	0.109768	0.168308	0.274748	0.168506	0.824141	2.514867	0.43494	0.163868
W	ROG_RUNLS	0.370102	1.380262	0.6353	0.711159	0.483048	0.326354	0.668492	0.609357	0.329156	0.83574	1.898047	2.652978	2.181787
W	ROG_STREX	0.192428	0.453488	0.263055	0.461497	0.485385	0.317378	1.465078	2.415535	0.742361	0.805192	2.153808	2.416549	0.593399
W	SO2_IDLEX	0	0	0	0	0.000088	0.000094	0.005469	0.005132	0.005176	0	0	0.005175	0
W	SO2_RUNEX	0.00355	0.004108	0.004834	0.006118	0.005871	0.005586	0.009833	0.016287	0.010788	0.021113	0.001952	0.011277	0.00674

Season	EmissionType	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
W	SO2_STREX	0.000777	0.000946	0.001062	0.00136	0.000555	0.000379	0.000995	0.001738	0.000585	0.000503	0.000683	0.001968	0.000501
W	TOG_DIURN	0.067842	0.198859	0.078401	0.089081	0.003369	0.002144	0.00411	0.002907	0.001186	0.006858	1.127888	0.047474	1.666334
W	TOG_HTSK	0.166957	0.383619	0.189492	0.216372	0.089406	0.061396	0.182742	0.187402	0.035009	0.132355	0.623192	0.361068	0.118237
W	TOG_IDLEX	0	0	0	0	0.03235	0.025262	0.201735	0.648997	0.488745	0	0	0.143505	0
W	TOG_RESTL	0.053212	0.133717	0.064685	0.078352	0.001771	0.001126	0.002194	0.001738	0.00054	0.003517	0.567437	0.01842	0.588696
W	TOG_RUNEX	0.049222	0.126641	0.064347	0.101088	0.137046	0.128482	0.193521	0.313479	0.197524	0.918421	2.75856	0.484571	0.195866
W	TOG_RUNLS	0.370102	1.380262	0.6353	0.711159	0.483048	0.326354	0.668492	0.609357	0.329156	0.83574	1.898047	2.652978	2.181787
W	TOG_STREX	0.205676	0.484505	0.281005	0.492909	0.518404	0.339126	1.568829	2.588987	0.793772	0.860354	2.315874	2.587544	0.635197

tblRoadDust

RoadPercentPave	RoadSiltLoading	MaterialSiltContent
100	0.1	4.3

MaterialMoistureContent	MobileAverageVehicleWeight	MeanVehicleSpeed
0.5	2.4	40

tblWoodstoves

WoodstovesLandUseSubType	NumberConventional	NumberCatalytic	NumberNoncatalytic

NumberPellet	WoodstoveDayYear	WoodstoveWoodMass

tblFireplaces

FireplacesLandUseSubType	NumberWood	NumberGas	NumberPropane

NumberNoFireplace	FireplaceHourDay	FireplaceDayYear	FireplaceWoodMass

tblConsumerProducts

ROG_EF
0.0000198

tblAreaCoating

Area_EF_Residential_Interior	Area_Residential_Interior	Area_EF_Residential_Exterior
50	0	100

Area_Residential_Exterior	Area_EF_Nonresidential_Interior	Area_Nonresidential_Interior
0	250	558591

Area_EF_Nonresidential_Exterior	Area_Nonresidential_Exterior	ReapplicationRatePercent
250	186197	10

tblLandscapeEquipment

NumberSnowDays	NumberSummerDays
0	250

tblEnergyUse

EnergyUseLandUseSubType	T24E	NT24E	LightingElect	T24NG	NT24NG
Enclosed Parking with Elevator	3.92	0.19	2.63	0	0
Hotel	3.39	3.24	3.46	30.62	5.15

tblWater

WaterLandUseSubType	WaterLandUseSizeMetric	IndoorWaterUseRate	OutdoorWaterUseRate
Enclosed Parking with Elevator	Space	0	0
Hotel	Room	4819686.3	535520.7

ElectricityIntensityFactorToSupply	ElectricityIntensityFactorToTreat	ElectricityIntensityFactorToDistribute	ElectricityIntensityFactorForWastewaterTreatment
9727	111	1272	1911
9727	111	1272	1911

SepticTankPercent	AerobicPercent	AnaerobicandFacultativeLagoonsPercent	AnaDigestCombDigestGasPercent
10.33	87.46	2.21	100
10.33	87.46	2.21	100

AnaDigestCogenCombDigestGasPercent
0
0

tblSolidWaste

SolidWasteLandUseSubType	SolidWasteLandUseSizeMetric	SolidWasteGenerationRate
Enclosed Parking with Elevator	Space	0
Hotel	Room	104.02

LandfillNoGasCapture	LandfillCaptureGasFlare	LandfillCaptureGasEnergyRecovery
6	94	0
6	94	0

tblLandUseChange

VegetationLandUseType	VegetationLandUseSubType	AcresBegin	AcresEnd	CO2peracre

tblSequestration

BroadSpeciesClass	NumberOfNewTrees	CO2perTree

tblConstEquipMitigation

ConstMitigationEquipmentType	FuelType	Tier	NumberOfEquipmentMitigated	TotalNumberOfEquipmentMitigated	DPF	OxidationCatalyst
Graders	Diesel	No Change	0	1	No Change	0
Rubber Tired Dozers	Diesel	No Change	0	1	No Change	0
Tractors/Loaders/Backhoes	Diesel	No Change	0	2	No Change	0

tblConstDustMitigation

SoilStabilizerCheck	SoilStabilizerPM10PercentReduction	SoilStabilizerPM25PercentReduction	ReplaceGroundCoverCheck
1	84	84	1

ReplaceGroundCoverPM10PercentReduction	ReplaceGroundCoverPM25PercentReduction	WaterExposedAreaCheck	WaterExposedAreaFrequency
5	5	1	3

WaterExposedAreaPM10PercentReduction	WaterExposedAreaPM25PercentReduction	WaterUnpavedRoadMoistureContentCheck	WaterUnpavedRoadVehicleSpeedCheck
61	61	0	1

WaterUnpavedRoadMoistureContent	WaterUnpavedRoadVehicleSpeed	CleanPavedRoadPercentReduction
0	15	26

tblLandUseMitigation

ProjectSetting	IncreaseDensityCheck	IncreaseDensityDUPerAcre	IncreaseDensityJobPerAcre

IncreaseDiversityCheck	ImproveWalkabilityDesignCheck	ImproveWalkabilityDesignIntersections	ImproveDestinationAccessibilityCheck

ImproveDestinationAccessibilityDistance	IncreaseTransitAccessibilityCheck	IncreaseTransitAccessibilityDistance	IntegrateBelowMarketRateHousingCheck

IntegrateBelowMarketRateHousingDU	ImprovePedestrianNetworkCheck	ImprovePedestrianNetworkSelection	ProvideTrafficCalmingMeasuresCheck

ProvideTrafficCalmingMeasuresPercentStreet	ProvideTrafficCalmingMeasuresPercentIntersection	ImplementNEVNetworkCheck	ImplementNEVNetworkNumber

LimitParkingSupplyCheck	LimitParkingSupplySpacePercentReduction	UnbundleParkingCostCheck	UnbundleParkingCostCost

OnStreetMarketPricingCheck	OnStreetMarketPricingPricePercentIncrease	ProvideBRTSystemCheck	ProvideBRTSystemPercentBRT

ExpandTransitNetworkCheck	ExpandTransitNetworkTransitCoveragePercentIncrease	IncreaseTransitFrequencyCheck	IncreaseTransitFrequencyImplementationLevel

IncreaseTransitFrequencyHeadwaysPercentReduction

ImplementTripReductionProgramCheck	ImplementTripReductionProgramPercentEmployee	ImplementTripReductionProgramType	TransitSubsidyCheck
0			0

TransitSubsidyPercentEmployee	TransitSubsidyDailySubsidyAmount	ImplementEmployeeParkingCashOutCheck	ImplementEmployeeParkingCashOutPercentEmployee
		0	

WorkplaceParkingChargeCheck	WorkplaceParkingChargePercentEmployee	WorkplaceParkingChargeCost	EncourageTelecommutingCheck
0			0

EncourageTelecommutingPercentEmployee9_80	EncourageTelecommutingPercentEmployee4_40	EncourageTelecommutingPercentEmployee1_5days	MarketCommuteTripReductionOptionCheck
			0

MarketCommuteTripReductionOptionPercentEmployee	EmployeeVanpoolCheck	EmployeeVanpoolPercentEmployee	EmployeeVanpoolPercentModeShare
	0		2

ProvideRideSharingProgramCheck	ProvideRideSharingProgramPercentEmployee	ImplementSchoolBusProgramCheck	ImplementSchoolBusProgramPercentFamilyUsing
0		0	

LandscapeLawnmowerCheck	LandscapeLawnmowerPercentElectric	LandscapeLeafblowerCheck	LandscapeLeafblowerPercentElectric
0	0	0	0

LandscapeChainsawCheck	LandscapeChainsawPercentElectric	UseLowVOCPaintResidentialInteriorCheck	UseLowVOCPaintResidentialInteriorValue
0	0	0	50

UseLowVOCPaintResidentialExteriorCheck	UseLowVOCPaintResidentialExteriorValue	UseLowVOCPaintNonresidentialInteriorCheck	UseLowVOCPaintNonresidentialInteriorValue
0	100	1	225

UseLowVOCPaintNonresidentialExteriorCheck	UseLowVOCPaintNonresidentialExteriorValue	HearthOnlyNaturalGasHearthCheck	NoHearthCheck
1	225	0	1

UseLowVOCCleaningSuppliesCheck
1

tblEnergyMitigation

ExceedTitle24Check	ExceedTitle24CheckPercentImprovement	InstallHighEfficiencyLightingCheck
1	5	1

InstallHighEfficiencyLightingPercentEnergyReduction	OnSiteRenewableEnergyCheck	KwhGeneratedCheck
10	0	0

KwhGenerated	PercentOfElectricityUseGeneratedCheck	PercentOfElectricityUseGenerated
	0	

tblApplianceMitigation

ApplianceType	ApplianceLandUseSubType	PercentImprovement
ClothWasher		30
DishWasher		15
Fan		50
Refrigerator		15

tblWaterMitigation

ApplyWaterConservationStrategyCheck	ApplyWaterConservationStrategyPercentReductionIndoor	ApplyWaterConservationStrategyPercentReductionOutdoor	UseReclaimedWaterCheck
1	20	20	0

PercentOutdoorReclaimedWaterUse	PercentIndoorReclaimedWaterUse	UseGreyWaterCheck	PercentOutdoorGreyWaterUse
0	0	0	0

PercentIndoorGreyWaterUse	InstallLowFlowBathroomFaucetCheck	PercentReductionInFlowBathroomFaucet	InstallLowFlowKitchenFaucetCheck
0	0	32	0

PercentReductionInFlowKitchenFaucet	InstallLowFlowToiletCheck	PercentReductionInFlowToilet	InstallLowFlowShowerCheck
18	0	20	0

PercentReductionInFlowShower	TurfReductionCheck	TurfReductionTurfArea	TurfReductionPercentReduction
20	0	0	0

UseWaterEfficientIrrigationSystemCheck	UseWaterEfficientIrrigationSystemPercentReduction	WaterEfficientLandscapeCheck	MAWA
0	6.1	0	0

ETWU
0

tblWasteMitigation

InstituteRecyclingAndCompostingServicesCheck	InstituteRecyclingAndCompostingServicesWastePercentReduction

tblOperationalOffRoadEquipment

OperOffRoadEquipmentType	OperOffRoadEquipmentNumber	OperHoursPerDay	OperDaysPerYear

OperHorsePower	OperLoadFactor	OperFuelType

tblRemarks

SubModuleID	PhaseName	Season	Remarks
1			
3			Lot Acreage and sf based on project design. Parking structure is existing use and permiting the operation of remote parking is being analyzed for CEQA purposes.
4			Analysis of hotel and remote parking operation only. No construction
5	grading		
6			Grading haul lengths provided by applicant
9			Acres based on site plan
12			Trip rates taken from TIA for project
21			No septic used
25			No construction evaluation
29			Assumes low VOC Paint
30			
32			
33			

888 Sepulveda Hotel Project - El Segundo

South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hotel	190.00	Room	1.52	111,350.00	0
Enclosed Parking with Elevator	505.00	Space	1.04	261,044.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	8			**Operational Year**	2015
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Lot Acreage and sf based on project design. Parking structure is existing use and permiting the operation of remote parking is being analyzed for CEQA purposes.

Construction Phase - Analysis of hotel and remote parking operation only. No construction

Trips and VMT - Grading haul lengths provided by applicant

Grading - Acres based on site plan

Vehicle Trips - Trip rates taken from TIA for project

Water And Wastewater - No septic used

Construction Off-road Equipment Mitigation - No construction evaluation

Area Mitigation - Assumes low VOC Paint

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Off-road Equipment -

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	250	225
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	225
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	26
tblConstructionPhase	NumDays	6.00	1.00
tblLandUse	LandUseSquareFeet	275,880.00	111,350.00
tblLandUse	LandUseSquareFeet	202,000.00	261,044.00
tblLandUse	LotAcreage	6.33	1.52
tblLandUse	LotAcreage	4.54	1.04
tblProjectCharacteristics	OperationalYear	2014	2015
tblVehicleTrips	ST_TR	8.19	7.24
tblVehicleTrips	ST_TR	0.00	0.40
tblVehicleTrips	SU_TR	5.95	5.29
tblVehicleTrips	SU_TR	0.00	0.40
tblVehicleTrips	WD_TR	8.17	7.27
tblVehicleTrips	WD_TR	0.00	0.46

2.0 Emissions Summary

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					
2014	3.2592	31.6985	21.0389	0.0219	6.6641	1.7771	8.4412	3.3971	1.6349	5.0320	0.0000	2,306.7927	2,306.7927	0.6536	0.0000	2,320.5191
Total	**3.2592**	**31.6985**	**21.0389**	**0.0219**	**6.6641**	**1.7771**	**8.4412**	**3.3971**	**1.6349**	**5.0320**	**0.0000**	**2,306.7927**	**2,306.7927**	**0.6536**	**0.0000**	**2,320.5191**

Mitigated 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					
2014	3.2592	31.6985	21.0389	0.0219	2.5142	1.7771	4.2912	1.2711	1.6349	2.9060	0.0000	2,306.7927	2,306.7927	0.6536	0.0000	2,320.5191
Total	**3.2592**	**31.6985**	**21.0389**	**0.0219**	**2.5142**	**1.7771**	**4.2912**	**1.2711**	**1.6349**	**2.9060**	**0.0000**	**2,306.7927**	**2,306.7927**	**0.6536**	**0.0000**	**2,320.5191**

	ROG	**NOx**	**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	**0.00**	**0.00**	**0.00**	**0.00**	**62.27**	**0.00**	**49.16**	**62.58**	**0.00**	**42.25**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

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	9.7451	7.1000e-004	0.0734	1.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004		0.1521	0.1521	4.4000e-004		0.1614
Energy	0.1177	1.0698	0.8987	6.4200e-003		0.0813	0.0813		0.0813	0.0813		1,283.8000	1,283.8000	0.0246	0.0235	1,291.6130
Mobile	14.7236	12.9804	52.1724	0.0999	6.9870	0.1797	7.1667	1.8666	0.1651	2.0317		9,025.4093	9,025.4093	0.4059		9,033.9333
Total	**24.5863**	**14.0509**	**53.1445**	**0.1063**	**6.9870**	**0.2613**	**7.2483**	**1.8666**	**0.2466**	**2.1132**		**10,309.3614**	**10,309.3614**	**0.4310**	**0.0235**	**10,325.7077**

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	9.5087	7.1000e-004	0.0734	1.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004		0.1521	0.1521	4.4000e-004		0.1614
Energy	0.1126	1.0240	0.8602	6.1400e-003		0.0778	0.0778		0.0778	0.0778		1,228.8518	1,228.8518	0.0236	0.0225	1,236.3304
Mobile	14.7236	12.9804	52.1724	0.0999	6.9870	0.1797	7.1667	1.8666	0.1651	2.0317		9,025.4093	9,025.4093	0.4059		9,033.9333
Total	**24.3449**	**14.0051**	**53.1060**	**0.1060**	**6.9870**	**0.2578**	**7.2448**	**1.8666**	**0.2432**	**2.1098**		**10,254.4131**	**10,254.4131**	**0.4299**	**0.0225**	**10,270.4250**

	ROG	NOx	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	**0.98**	**0.33**	**0.07**	**0.26**	**0.00**	**1.33**	**0.05**	**0.00**	**1.41**	**0.16**	**0.00**	**0.53**	**0.53**	**0.25**	**4.29**	**0.54**

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	1/1/2014	1/1/2014	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0.5

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
grading	Graders	1	8.00	174	0.41
grading	Rubber Tired Dozers	1	8.00	255	0.40
grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37

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	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 grading - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.9828	31.6276	20.3007	0.0206		1.7760	1.7760		1.6340	1.6340		2,187.3730	2,187.3730	0.6464		2,200.9472
Total	**2.9828**	**31.6276**	**20.3007**	**0.0206**	**6.5523**	**1.7760**	**8.3284**	**3.3675**	**1.6340**	**5.0014**		**2,187.3730**	**2,187.3730**	**0.6464**		**2,200.9472**

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	0.2764	0.0708	0.7381	1.3300e-003	0.1118	1.0500e-003	0.1128	0.0296	9.6000e-004	0.0306		119.4197	119.4197	7.2400e-003		119.5719
Total	**0.2764**	**0.0708**	**0.7381**	**1.3300e-003**	**0.1118**	**1.0500e-003**	**0.1128**	**0.0296**	**9.6000e-004**	**0.0306**		**119.4197**	**119.4197**	**7.2400e-003**		**119.5719**

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					2.4276	0.0000	2.4276	1.2477	0.0000	1.2477			0.0000			0.0000
Off-Road	2.9828	31.6276	20.3007	0.0206		1.7760	1.7760		1.6340	1.6340	0.0000	2,187.3729	2,187.3729	0.6464		2,200.9472
Total	**2.9828**	**31.6276**	**20.3007**	**0.0206**	**2.4276**	**1.7760**	**4.2037**	**1.2477**	**1.6340**	**2.8816**	**0.0000**	**2,187.3729**	**2,187.3729**	**0.6464**		**2,200.9472**

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	0.2764	0.0708	0.7381	1.3300e-003	0.0865	1.0500e-003	0.0876	0.0234	9.6000e-004	0.0244		119.4197	119.4197	7.2400e-003		119.5719
Total	**0.2764**	**0.0708**	**0.7381**	**1.3300e-003**	**0.0865**	**1.0500e-003**	**0.0876**	**0.0234**	**9.6000e-004**	**0.0244**		**119.4197**	**119.4197**	**7.2400e-003**		**119.5719**

4.0 Operational Detail - Mobile

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	14.7236	12.9804	52.1724	0.0999	6.9870	0.1797	7.1667	1.8666	0.1651	2.0317		9,025.4093	9,025.4093	0.4059		9,033.9333
Unmitigated	14.7236	12.9804	52.1724	0.0999	6.9870	0.1797	7.1667	1.8666	0.1651	2.0317		9,025.4093	9,025.4093	0.4059		9,033.9333

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Hotel	1,381.30	1,375.60	1005.10	3,165,835	3,165,835
Enclosed Parking with Elevator	0.00	0.00	0.00		
Total	1,381.30	1,375.60	1,005.10	3,165,835	3,165,835

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.514499	0.060499	0.179997	0.139763	0.042095	0.006675	0.015446	0.029572	0.001914	0.002508	0.004341	0.000594	0.002098

5.0 Energy Detail

4.4 Fleet Mix

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	0.1126	1.0240	0.8602	6.1400e-003		0.0778	0.0778		0.0778	0.0778		1,228.8518	1,228.8518	0.0236	0.0225	1,236.3304
NaturalGas Unmitigated	0.1177	1.0698	0.8987	6.4200e-003		0.0813	0.0813		0.0813	0.0813		1,283.8000	1,283.8000	0.0246	0.0235	1,291.6130

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					
Hotel	10912.3	0.1177	1.0698	0.8987	6.4200e-003		0.0813	0.0813		0.0813	0.0813		1,283.8000	1,283.8000	0.0246	0.0235	1,291.6130
Enclosed Parking with Elevator	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
Total		**0.1177**	**1.0698**	**0.8987**	**6.4200e-003**		**0.0813**	**0.0813**		**0.0813**	**0.0813**		**1,283.8000**	**1,283.8000**	**0.0246**	**0.0235**	**1,291.6130**

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					
Hotel	10.4452	0.1126	1.0240	0.8602	6.1400e-003		0.0778	0.0778		0.0778	0.0778		1,228.8518	1,228.8518	0.0236	0.0225	1,236.3304
Enclosed Parking with Elevator	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
Total		**0.1126**	**1.0240**	**0.8602**	**6.1400e-003**		**0.0778**	**0.0778**		**0.0778**	**0.0778**		**1,228.8518**	**1,228.8518**	**0.0236**	**0.0225**	**1,236.3304**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

No Hearths Installed

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive 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	9.5087	7.1000e-004	0.0734	1.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004		0.1521	0.1521	4.4000e-004		0.1614
Unmitigated	9.7451	7.1000e-004	0.0734	1.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004		0.1521	0.1521	4.4000e-004		0.1614

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	2.3645					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	7.3734					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	7.2600e-003	7.1000e-004	0.0734	1.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004		0.1521	0.1521	4.4000e-004		0.1614
Total	**9.7451**	**7.1000e-004**	**0.0734**	**1.0000e-005**		**2.7000e-004**	**2.7000e-004**		**2.7000e-004**	**2.7000e-004**		**0.1521**	**0.1521**	**4.4000e-004**		**0.1614**

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	2.1280					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	7.3734					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	7.2600e-003	7.1000e-004	0.0734	1.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004		0.1521	0.1521	4.4000e-004		0.1614
Total	**9.5087**	**7.1000e-004**	**0.0734**	**1.0000e-005**		**2.7000e-004**	**2.7000e-004**		**2.7000e-004**	**2.7000e-004**		**0.1521**	**0.1521**	**4.4000e-004**		**0.1614**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

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

10.0 Vegetation

888 Sepulveda Hotel Project - El Segundo

South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hotel	190.00	Room	1.52	111,350.00	0
Enclosed Parking with Elevator	505.00	Space	1.04	261,044.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	8			**Operational Year**	2015
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Lot Acreage and sf based on project design. Parking structure is existing use and permiting the operation of remote parking is being analyzed for CEQA purposes.

Construction Phase - Analysis of hotel and remote parking operation only. No construction

Trips and VMT - Grading haul lengths provided by applicant

Grading - Acres based on site plan

Vehicle Trips - Trip rates taken from TIA for project

Water And Wastewater - No septic used

Construction Off-road Equipment Mitigation - No construction evaluation

Area Mitigation - Assumes low VOC Paint

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Off-road Equipment -

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	250	225
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	225
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	26
tblConstructionPhase	NumDays	6.00	1.00
tblLandUse	LandUseSquareFeet	275,880.00	111,350.00
tblLandUse	LandUseSquareFeet	202,000.00	261,044.00
tblLandUse	LotAcreage	6.33	1.52
tblLandUse	LotAcreage	4.54	1.04
tblProjectCharacteristics	OperationalYear	2014	2015
tblVehicleTrips	ST_TR	8.19	7.24
tblVehicleTrips	ST_TR	0.00	0.40
tblVehicleTrips	SU_TR	5.95	5.29
tblVehicleTrips	SU_TR	0.00	0.40
tblVehicleTrips	WD_TR	8.17	7.27
tblVehicleTrips	WD_TR	0.00	0.46

2.0 Emissions Summary

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					
2014	3.2155	31.6921	21.0967	0.0220	6.6641	1.7771	8.4412	3.3971	1.6349	5.0320	0.0000	2,314.6524	2,314.6524	0.6536	0.0000	2,328.3788
Total	**3.2155**	**31.6921**	**21.0967**	**0.0220**	**6.6641**	**1.7771**	**8.4412**	**3.3971**	**1.6349**	**5.0320**	**0.0000**	**2,314.6524**	**2,314.6524**	**0.6536**	**0.0000**	**2,328.3788**

Mitigated 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					
2014	3.2155	31.6921	21.0967	0.0220	2.5142	1.7771	4.2912	1.2711	1.6349	2.9060	0.0000	2,314.6524	2,314.6524	0.6536	0.0000	2,328.3788
Total	**3.2155**	**31.6921**	**21.0967**	**0.0220**	**2.5142**	**1.7771**	**4.2912**	**1.2711**	**1.6349**	**2.9060**	**0.0000**	**2,314.6524**	**2,314.6524**	**0.6536**	**0.0000**	**2,328.3788**

	ROG	**NOx**	**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	**0.00**	**0.00**	**0.00**	**0.00**	**62.27**	**0.00**	**49.16**	**62.58**	**0.00**	**42.25**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

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	9.7451	7.1000e-004	0.0734	1.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004		0.1521	0.1521	4.4000e-004		0.1614
Energy	0.1177	1.0698	0.8987	6.4200e-003		0.0813	0.0813		0.0813	0.0813		1,283.8000	1,283.8000	0.0246	0.0235	1,291.6130
Mobile	12.9137	12.3568	52.1183	0.1051	6.9870	0.1784	7.1654	1.8666	0.1638	2.0304		9,487.3869	9,487.3869	0.4055		9,495.9032
Total	**22.7765**	**13.4274**	**53.0903**	**0.1116**	**6.9870**	**0.2599**	**7.2470**	**1.8666**	**0.2454**	**2.1120**		**10,771.3390**	**10,771.3390**	**0.4306**	**0.0235**	**10,787.6775**

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	9.5087	7.1000e-004	0.0734	1.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004		0.1521	0.1521	4.4000e-004		0.1614
Energy	0.1126	1.0240	0.8602	6.1400e-003		0.0778	0.0778		0.0778	0.0778		1,228.8518	1,228.8518	0.0236	0.0225	1,236.3304
Mobile	12.9137	12.3568	52.1183	0.1051	6.9870	0.1784	7.1654	1.8666	0.1638	2.0304		9,487.3869	9,487.3869	0.4055		9,495.9032
Total	**22.5350**	**13.3816**	**53.0519**	**0.1113**	**6.9870**	**0.2565**	**7.2435**	**1.8666**	**0.2419**	**2.1085**		**10,716.3907**	**10,716.3907**	**0.4295**	**0.0225**	**10,732.3949**

	ROG	NOx	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	**1.06**	**0.34**	**0.07**	**0.25**	**0.00**	**1.34**	**0.05**	**0.00**	**1.42**	**0.16**	**0.00**	**0.51**	**0.51**	**0.25**	**4.29**	**0.51**

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	1/1/2014	1/1/2014	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0.5

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
grading	Graders	1	8.00	174	0.41
grading	Rubber Tired Dozers	1	8.00	255	0.40
grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37

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	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 grading - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.9828	31.6276	20.3007	0.0206		1.7760	1.7760		1.6340	1.6340		2,187.3730	2,187.3730	0.6464		2,200.9472
Total	**2.9828**	**31.6276**	**20.3007**	**0.0206**	**6.5523**	**1.7760**	**8.3284**	**3.3675**	**1.6340**	**5.0014**		**2,187.3730**	**2,187.3730**	**0.6464**		**2,200.9472**

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	0.2327	0.0645	0.7960	1.4200e-003	0.1118	1.0500e-003	0.1128	0.0296	9.6000e-004	0.0306		127.2795	127.2795	7.2400e-003		127.4316
Total	**0.2327**	**0.0645**	**0.7960**	**1.4200e-003**	**0.1118**	**1.0500e-003**	**0.1128**	**0.0296**	**9.6000e-004**	**0.0306**		**127.2795**	**127.2795**	**7.2400e-003**		**127.4316**

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					2.4276	0.0000	2.4276	1.2477	0.0000	1.2477			0.0000			0.0000
Off-Road	2.9828	31.6276	20.3007	0.0206		1.7760	1.7760		1.6340	1.6340	0.0000	2,187.3729	2,187.3729	0.6464		2,200.9472
Total	**2.9828**	**31.6276**	**20.3007**	**0.0206**	**2.4276**	**1.7760**	**4.2037**	**1.2477**	**1.6340**	**2.8816**	**0.0000**	**2,187.3729**	**2,187.3729**	**0.6464**		**2,200.9472**

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	0.2327	0.0645	0.7960	1.4200e-003	0.0865	1.0500e-003	0.0876	0.0234	9.6000e-004	0.0244		127.2795	127.2795	7.2400e-003		127.4316
Total	**0.2327**	**0.0645**	**0.7960**	**1.4200e-003**	**0.0865**	**1.0500e-003**	**0.0876**	**0.0234**	**9.6000e-004**	**0.0244**		**127.2795**	**127.2795**	**7.2400e-003**		**127.4316**

4.0 Operational Detail - Mobile

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	12.9137	12.3568	52.1183	0.1051	6.9870	0.1784	7.1654	1.8666	0.1638	2.0304		9,487.3869	9,487.3869	0.4055		9,495.9032
Unmitigated	12.9137	12.3568	52.1183	0.1051	6.9870	0.1784	7.1654	1.8666	0.1638	2.0304		9,487.3869	9,487.3869	0.4055		9,495.9032

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Hotel	1,381.30	1,375.60	1005.10	3,165,835	3,165,835
Enclosed Parking with Elevator	0.00	0.00	0.00		
Total	1,381.30	1,375.60	1,005.10	3,165,835	3,165,835

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.514499	0.060499	0.179997	0.139763	0.042095	0.006675	0.015446	0.029572	0.001914	0.002508	0.004341	0.000594	0.002098

5.0 Energy Detail

4.4 Fleet Mix

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	0.1126	1.0240	0.8602	6.1400e-003		0.0778	0.0778		0.0778	0.0778		1,228.8518	1,228.8518	0.0236	0.0225	1,236.3304
NaturalGas Unmitigated	0.1177	1.0698	0.8987	6.4200e-003		0.0813	0.0813		0.0813	0.0813		1,283.8000	1,283.8000	0.0246	0.0235	1,291.6130

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					
Hotel	10912.3	0.1177	1.0698	0.8987	6.4200e-003		0.0813	0.0813		0.0813	0.0813		1,283.8000	1,283.8000	0.0246	0.0235	1,291.6130
Enclosed Parking with Elevator	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
Total		**0.1177**	**1.0698**	**0.8987**	**6.4200e-003**		**0.0813**	**0.0813**		**0.0813**	**0.0813**		**1,283.8000**	**1,283.8000**	**0.0246**	**0.0235**	**1,291.6130**

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					
Enclosed Parking with Elevator	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
Hotel	10.4452	0.1126	1.0240	0.8602	6.1400e-003		0.0778	0.0778		0.0778	0.0778		1,228.8518	1,228.8518	0.0236	0.0225	1,236.3304
Total		**0.1126**	**1.0240**	**0.8602**	**6.1400e-003**		**0.0778**	**0.0778**		**0.0778**	**0.0778**		**1,228.8518**	**1,228.8518**	**0.0236**	**0.0225**	**1,236.3304**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

No Hearths Installed

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive 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	9.5087	7.1000e-004	0.0734	1.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004		0.1521	0.1521	4.4000e-004		0.1614
Unmitigated	9.7451	7.1000e-004	0.0734	1.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004		0.1521	0.1521	4.4000e-004		0.1614

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	2.3645					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	7.3734					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	7.2600e-003	7.1000e-004	0.0734	1.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004		0.1521	0.1521	4.4000e-004		0.1614
Total	**9.7451**	**7.1000e-004**	**0.0734**	**1.0000e-005**		**2.7000e-004**	**2.7000e-004**		**2.7000e-004**	**2.7000e-004**		**0.1521**	**0.1521**	**4.4000e-004**		**0.1614**

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	2.1280					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	7.3734					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	7.2600e-003	7.1000e-004	0.0734	1.0000e-005		2.7000e-004	2.7000e-004		2.7000e-004	2.7000e-004		0.1521	0.1521	4.4000e-004		0.1614
Total	**9.5087**	**7.1000e-004**	**0.0734**	**1.0000e-005**		**2.7000e-004**	**2.7000e-004**		**2.7000e-004**	**2.7000e-004**		**0.1521**	**0.1521**	**4.4000e-004**		**0.1614**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

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

10.0 Vegetation

888 Sepulveda Hotel Project - El Segundo

South Coast AQMD Air District, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grading	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	No Change	0	1	No Change	0.00
Cement and Mortar Mixers	Diesel	No Change	0	1	No Change	0.00
Cranes	Diesel	No Change	0	1	No Change	0.00
Forklifts	Diesel	No Change	0	1	No Change	0.00
Graders	Diesel	Tier 2	0	2	No Change	0.00
Pavers	Diesel	Tier 2	0	1	No Change	0.00
Rollers	Diesel	No Change	0	1	No Change	0.00
Rubber Tired Dozers	Diesel	Tier 2	0	2	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 2	0	4	No Change	0.00
Generator Sets	Diesel	No Change	0	1	No Change	0.00
Paving Equipment	Diesel	Tier 2	0	1	No Change	0.00
Welders	Diesel	No Change	0	3	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Air Compressors	7.12000E-003	4.49800E-002	3.32800E-002	5.00000E-005	3.87000E-003	3.87000E-003	0.00000E+000	4.46819E+000	4.46819E+000	5.80000E-004	0.00000E+000	4.48041E+000
Cement and Mortar Mixers	1.66000E-003	1.04500E-002	8.67000E-003	2.00000E-005	4.40000E-004	4.40000E-004	0.00000E+000	1.28890E+000	1.28890E+000	1.30000E-004	0.00000E+000	1.29174E+000
Cranes	6.94300E-002	8.25460E-001	2.86550E-001	5.20000E-004	3.78000E-002	3.47800E-002	0.00000E+000	4.95547E+001	4.95547E+001	1.46800E-002	0.00000E+000	4.98629E+001
Forklifts	2.26500E-002	1.95060E-001	1.17070E-001	1.40000E-004	1.63500E-002	1.50400E-002	0.00000E+000	1.34163E+001	1.34163E+001	3.97000E-003	0.00000E+000	1.34997E+001
Generator Sets	9.42500E-002	6.76600E-001	4.71380E-001	8.00000E-004	5.03100E-002	5.03100E-002	0.00000E+000	6.89553E+001	6.89553E+001	7.69000E-003	0.00000E+000	6.91168E+001
Graders	1.43900E-002	1.47810E-001	6.71100E-002	8.00000E-005	8.30000E-003	7.63000E-003	0.00000E+000	8.13362E+000	8.13362E+000	2.40000E-003	0.00000E+000	8.18410E+000
Pavers	1.29200E-002	1.46820E-001	8.11200E-002	1.30000E-004	7.35000E-003	6.76000E-003	0.00000E+000	1.21487E+001	1.21487E+001	3.61000E-003	0.00000E+000	1.22244E+001
Paving Equipment	1.27800E-002	1.57620E-001	9.59700E-002	1.50000E-004	7.60000E-003	6.99000E-003	0.00000E+000	1.43910E+001	1.43910E+001	4.27000E-003	0.00000E+000	1.44807E+001
Rollers	1.21300E-002	1.11390E-001	6.70100E-002	9.00000E-005	8.30000E-003	7.63000E-003	0.00000E+000	8.23825E+000	8.23825E+000	2.45000E-003	0.00000E+000	8.28963E+000
Rubber Tired Dozers	1.59800E-002	1.82110E-001	1.39320E-001	1.10000E-004	8.49000E-003	7.81000E-003	0.00000E+000	1.07569E+001	1.07569E+001	3.18000E-003	0.00000E+000	1.08237E+001
Tractors/Loaders/ Backhoes	5.25600E-002	5.02920E-001	3.47760E-001	4.50000E-004	3.94700E-002	3.63100E-002	0.00000E+000	4.29690E+001	4.29690E+001	1.27300E-002	0.00000E+000	4.32364E+001
Welders	2.48110E-001	7.03170E-001	7.62350E-001	9.40000E-004	6.18600E-002	6.18600E-002	0.00000E+000	6.88889E+001	6.88889E+001	2.02500E-002	0.00000E+000	6.93141E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Mitigated tons/yr						Mitigated mt/yr					
Air Compressors	7.12000E-003	4.49800E-002	3.32800E-002	5.00000E-005	3.87000E-003	3.87000E-003	0.00000E+000	4.46819E+000	4.46819E+000	5.80000E-004	0.00000E+000	4.48041E+000
Cement and Mortar Mixers	1.66000E-003	1.04500E-002	8.67000E-003	2.00000E-005	4.40000E-004	4.40000E-004	0.00000E+000	1.28890E+000	1.28890E+000	1.30000E-004	0.00000E+000	1.29174E+000
Cranes	6.94300E-002	8.25460E-001	2.86550E-001	5.20000E-004	3.78000E-002	3.47800E-002	0.00000E+000	4.95546E+001	4.95546E+001	1.46800E-002	0.00000E+000	4.98629E+001
Forklifts	2.26500E-002	1.95060E-001	1.17070E-001	1.40000E-004	1.63500E-002	1.50400E-002	0.00000E+000	1.34163E+001	1.34163E+001	3.97000E-003	0.00000E+000	1.34997E+001
Generator Sets	9.42500E-002	6.76600E-001	4.71370E-001	8.00000E-004	5.03100E-002	5.03100E-002	0.00000E+000	6.89552E+001	6.89552E+001	7.69000E-003	0.00000E+000	6.91167E+001
Graders	1.43900E-002	1.47810E-001	6.71100E-002	8.00000E-005	8.30000E-003	7.63000E-003	0.00000E+000	8.13361E+000	8.13361E+000	2.40000E-003	0.00000E+000	8.18409E+000
Pavers	1.29200E-002	1.46820E-001	8.11200E-002	1.30000E-004	7.35000E-003	6.76000E-003	0.00000E+000	1.21487E+001	1.21487E+001	3.61000E-003	0.00000E+000	1.22244E+001
Paving Equipment	1.27800E-002	1.57620E-001	9.59700E-002	1.50000E-004	7.60000E-003	6.99000E-003	0.00000E+000	1.43909E+001	1.43909E+001	4.27000E-003	0.00000E+000	1.44807E+001
Rollers	1.21300E-002	1.11390E-001	6.70100E-002	9.00000E-005	8.30000E-003	7.63000E-003	0.00000E+000	8.23824E+000	8.23824E+000	2.45000E-003	0.00000E+000	8.28962E+000
Rubber Tired Dozers	1.59800E-002	1.82110E-001	1.39320E-001	1.10000E-004	8.49000E-003	7.81000E-003	0.00000E+000	1.07569E+001	1.07569E+001	3.18000E-003	0.00000E+000	1.08236E+001
Tractors/Loaders/Backhoes	5.25600E-002	5.02920E-001	3.47760E-001	4.50000E-004	3.94700E-002	3.63100E-002	0.00000E+000	4.29689E+001	4.29689E+001	1.27300E-002	0.00000E+000	4.32363E+001
Welders	2.48110E-001	7.03170E-001	7.62350E-001	9.40000E-004	6.18600E-002	6.18600E-002	0.00000E+000	6.88888E+001	6.88888E+001	2.02500E-002	0.00000E+000	6.93140E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Cranes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.21078E-006	1.21078E-006	0.00000E+000	0.00000E+000	1.20330E-006
Forklifts	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	7.45364E-007	7.45364E-007	0.00000E+000	0.00000E+000	1.48151E-006
Generator Sets	0.00000E+000	0.00000E+000	2.12143E-005	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.16017E-006	1.16017E-006	0.00000E+000	0.00000E+000	1.30214E-006
Graders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.22946E-006	1.22946E-006	0.00000E+000	0.00000E+000	1.22188E-006
Pavers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.64627E-006	1.64627E-006	0.00000E+000	0.00000E+000	1.63607E-006
Paving Equipment	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.38976E-006	1.38976E-006	0.00000E+000	0.00000E+000	6.90574E-007
Rollers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.21385E-006	1.21385E-006	0.00000E+000	0.00000E+000	1.20633E-006
Rubber Tired Dozers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	9.29636E-007	9.29636E-007	0.00000E+000	0.00000E+000	1.84780E-006
Tractors/Loaders/Backhoes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.16363E-006	1.16363E-006	0.00000E+000	0.00000E+000	1.15643E-006
Welders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.16129E-006	1.16129E-006	0.00000E+000	0.00000E+000	1.15417E-006

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input		Mitigation Input		Mitigation Input	
Yes	Soil Stabilizer for unpaved Roads	PM10 Reduction	84.00	PM2.5 Reduction	84.00		
Yes	Replace Ground Cover of Area Disturbed	PM10 Reduction	5.00	PM2.5 Reduction	5.00		
Yes	Water Exposed Area	PM10 Reduction	61.00	PM2.5 Reduction	61.00	Frequency (per day)	3.00
No	Unpaved Road Mitigation	Moisture Content %	0.00	Vehicle Speed (mph)	15.00		

Yes	Clean Paved Road	% PM Reduction	26.00				

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating	Roads	0.00	0.00	0.00	0.00	0.23	0.22
Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	Roads	0.08	0.02	0.06	0.02	0.22	0.20
Grading	Fugitive Dust	0.04	0.02	0.01	0.01	0.63	0.63
Grading	Roads	0.00	0.00	0.00	0.00	0.20	0.18
Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Paving	Roads	0.01	0.00	0.00	0.00	0.23	0.21
Site Preparation	Fugitive Dust	0.04	0.02	0.01	0.01	0.63	0.63
Site Preparation	Roads	0.00	0.00	0.00	0.00	0.23	0.18

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	10.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.11	5.11	5.14	5.23	5.11
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	4.28	4.28	4.28	4.27	4.31	4.31	0.00	4.28	4.28	4.18	4.36	4.28
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	20.00	22.83	22.60	20.05	20.26	22.36
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	-0.01	0.13		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			

No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"				
No	Commute	Workplace Parking Charge				
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				
	Commute	Commute Subtotal	0.00			

No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
Yes	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	50.00
No	Use Low VOC Paint (Residential Exterior)	100.00
Yes	Use Low VOC Paint (Non-residential Interior)	225.00
Yes	Use Low VOC Paint (Non-residential Exterior)	225.00
No	% Electric Lawnmower	0.00
No	% Electric Leafblower	0.00
No	% Electric Chainsaw	0.00

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
Yes	Exceed Title 24	5.00	
Yes	Install High Efficiency Lighting	10.00	
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00

DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
Yes	Apply Water Conservation on Strategy	20.00	20.00
No	Use Reclaimed Water	0.00	0.00
No	Use Grey Water	0.00	
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction	0.00	
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape	0.00	0.00

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services Percent Reduction in Waste Disposed	